

## OFFICE OF SCIENCE

## Information Management for Office of Science (IMSC)

## Listing of Awards for State (AK)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ALASKA, UNIVERSITY OF Fairbanks, AK	DE-FG02-03ER63530 08/31/2006 Sassen	SC-23.3	Improved Arctic Cloud and Aerosol Research and Model Parameterizations	0
ALASKA, UNIVERSITY OF Fairbanks, AK	DE-FG02-04ER54741 12/14/2009 Newman	SC-24.2	Investigations of the Dynamics of Self-Consistent Models for Turbulent Transport and Implications for Transport	99
			Total for AK :	99

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (AL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
ALABAMA A&M UNIVERSITY Normal, AL	DE-FG02-05CH11306 03/31/2008 ILA	SC-23	Renovation of Integrated Environmental Research and Services (IERS) Facility	0
ALABAMA A&M UNIVERSITY Normal, AL	DE-FG02-06ER25746 08/14/2009 Qian	SC-21.1	Alliance for Computational Science Collaboration: HBCU Partnership at Alabama A&M University Continuing High Performance	90
ALABAMA, UNIVERSITY OF Huntsville, AL	DE-FG02-05ER46187 11/30/2007 McNider	SC-22.21	Radiative Effects of Hygroscopic Aerosols in the Stable Nocturnal Boundary Layer, with Implications for Climate Trends	150
ALABAMA, UNIVERSITY OF Huntsville, AL	DE-FG02-06ER46268 12/31/2008 Cassibry	SC-22.21	Theoretical Investigation of Plasma Jets Driven Magneto-Inertial Fusion Using Smooth Particle Hydrodynamics	138
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-04ER46112 01/31/2007 Stancu	SC-22.21	MiniBoONE Neutrino Physics at the University of Alabama	61
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG07-96ER62321 03/14/2004 Roden	SC-23.4	Advanced Experimental Analysis of Controls on Microbial Fe(III) Oxide Reduction	-8
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG07-01ER63266 09/14/2004 Rogers	SC-23.4	A New Class of Solvents for TRU Dissolution and Separation: Ionic Liquids	-1
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-01ER45867 06/30/2008 April	SC-22.21	Nanostructure Catalysts for Fuel Cells	400
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-03ER46039 08/15/2007 Pandey	SC-22.21	Oxide Ferromagnetic Semiconductors for Spin-Electronic Transport	0
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-01ER41166 03/14/2010 Piepke	SC-26.1	Low Energy Neutrino Physics	202
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-03ER41261 07/31/2007 Stancu	SC-26.1	MiniBoONE Neutrino Physics	0
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-96ER40967 04/14/2011 Busenitz	SC-25	Research in Neutrino Physics	268
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-86ER13465 01/14/2010 Kispert	SC-22.13	Magnetic Resonance and Optical Spectroscopic Studies of Carotenoids	130
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-96ER14673 01/31/2007 Rogers	SC-22.1	Alternative (Potentially Green) Separations Media: Aqueous Biphasic and Related Systems - Extending the Frontier	89
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-00ER15097 05/31/2008 Redding	SC-22.13	A Combined Genetic, Biochemical, and Biophysical Analysis of the Phylloquinones in Photosystem I from a Green Alga	130

U.S. Department of Energy  
OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (AL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-06ER15764 01/14/2012 Dixon	SC-22.12	Molecular Basis for Microbial Adhesion and Geochemical Surface Reactions: A Study Across Scales	46
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-04ER63915 08/31/2005 Roden	SC-23.4	Reaction-Based Reactive Transport Modeling of Iron Reduction and Uranium Immobilization at Area 2 of the NABIR	-37
ALABAMA, UNIVERSITY OF Tuscaloosa, AL	DE-FG02-04ER63908 08/31/2008 Williamson	SC-23.3	Assessment of Metrological, Seasonal, & Land Mgmt Influences on Spatial Representatives & Ecosystem-Level Scaling	198
AUBURN UNIVERSITY Auburn, AL	DE-FG02-06ER54901 07/31/2009 Robicheaux	SC-24.2	Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping	42
AUBURN UNIVERSITY Auburn, AL	DE-FG02-06ER54872 05/31/2008 Thomas	SC-24.2	Support for the 11th Workshop on the Physics of Dusty Plasmas - June 28 - July 1, 2006	5
AUBURN UNIVERSITY Auburn, AL	DE-FG02-05ER54819 09/14/2011 Pindzola	SC-24.2	Computational Atomic and Molecular Physics for Transport Modeling of Fusion Plasmas	200
AUBURN UNIVERSITY Auburn, AL	DE-FG02-00ER54610 11/30/2010 Knowlton	SC-24.2	MHD Equilibrium and Stability Studies of Current-Carrying Plasmas in the Compact Toroidal Hybrid	431
AUBURN UNIVERSITY Auburn, AL	DE-FG02-96ER54348 12/31/2010 Pindzola	SC-24.2	Theoretical Atomic and Molecular Physics for Controlled Fusion Energy	113

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (AL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
AUBURN UNIVERSITY Auburn, AL	DE-FG02-02ER45963 12/31/2004 Shannon	SC-22.22	Emerging Materials and Technology for Energy Conversion	0
AUBURN UNIVERSITY Auburn, AL	DE-FG02-00ER15069 01/31/2012 Robicheaux	SC-22.1	Coherent and Incoherent Transitions	40
AUBURN UNIVERSITY Auburn, AL	DE-FG02-01ER15187 08/31/2010 Albrecht-Schmitt	SC-22.1	Structure-Property Relationships in Novel Actinide Compounds with Heavy Oxoanions	130
AUBURN UNIVERSITY Auburn, AL	DE-FG02-01ER15255 10/31/2006 Roberts	SC-22.1	Controllable Synthesis, Deposition and Separation of Nanoparticles Using CO2-Expanded Liquids and Supercritical	50
AUBURN UNIVERSITY Auburn, AL	DE-FG02-06ER64213 12/31/2009 Clement	SC-23.4	Development of Modeling Methods and Tools for Predicting Coupled Reactive Transport Processes in Porous Media Under Multiple Scales	275
SOUTH ALABAMA, UNIVERSITY OF Mobile, AL	DE-FG02-96ER40970 04/14/2009 Jenkins	SC-25	Experimental High Energy Physics Group	34
SOUTH ALABAMA, UNIVERSITY OF Mobile, AL	DE-FG02-02CH11115 06/30/2008 Hammack, Galbraith, Kreisberg	SC-23	Congressionally-Mandated Construction Project, "USA Cancer Research Institute Clinical Building"	481
TROY STATE UNIVERSITY Troy, AL	DE-FG02-04ER54792 07/31/2008 Podder	SC-24.2	Experimental Study of Shock Wave Dynamics in Magnetized Plasmas	150
TUSKEGEE UNIVERSITY Tuskegee, AL	DE-FG02-06ER25745 08/14/2009 Ibrahim	SC-21.1	Computational Modeling of Circulating Fluidized Bed Reactors	199
Total for AL :				5,628

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (AR)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ARKANSAS, UNIVERSITY OF Fayetteville, AR	DE-FG02-01ER15161 08/14/2010 Henry	SC-22.13	Protein Targeting to the Chloroplast Thylakoid Membrane: Structure and Function of a Targeting Complex	120
ARKANSAS, UNIVERSITY OF Fayetteville, AR	DE-FG02-06ER15801 06/30/2007 Vicic	SC-22.12	Mild Catalytic Methods for Alkyl-Alkyl Bond Formation	130
ARKANSAS, UNIVERSITY OF Fayetteville, AR	DE-FG02-02ER45965 12/31/2005 Naseem	SC-22.22	Investigation of Low Temperature Crystallization and Doping of Silicon Using Various Excitation Sources for Solar	0
ARKANSAS, UNIVERSITY OF Fayetteville, AR	DE-FG02-05ER46188 11/30/2008 Bellaiche	SC-22.21	Properties of Ferroelectric Nanostructures: A Combined Theoretical and Experimental Approach	144
ARKANSAS, UNIVERSITY OF Little Rock, AR	DE-FG02-06CH11379 10/01/2009 Gehring, Gray	SC-23	Construction of a Cancer Research and Clinical Facility at Arkansas Cancer Research Center (ACRC)	962
Total for AR :				1,356

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (AZ)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-05ER64033 03/31/2008 Rittmann	SC-23.4	Subsurface Immobilization of Plutonium: Experimental and Model Validation Studies	72
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-04ER63704 07/31/2005 Fernando	SC-23.3	Vertical Transport and Mixing in Complex Terrain Airsheds	-8
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-05ER63976 04/14/2007 Wang	SC-23.4	Portable Analyzer Based on Microfluidics/Nanoengineered Electrochemical Sensors for in Situ Characterization of Mixed Wastes	50
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-03ER15393 08/14/2009 Gust, Moore, Moore	SC-22.13	Supramolecular Structures for Photochemical Energy Conversion	352
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-03ER15425 08/31/2007 Rez	SC-22.1	The Electronic Structure of Lithium Battery Materials	30
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-04ER15505 11/30/2008 Williams	SC-22.12	A SIMS Study of the Chemical Dynamics of Organic/Inorganic Interactions in Sedimentary Basins	135
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-04ER15550 10/14/2006 Blankenship	SC-22.13	Structure, Function and Reconstitution of Antenna Complexes From Green Photosynthetic Bacteria	140
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-04ER15543 05/31/2011 Vermaas	SC-22.13	Chlorophyll Synthesis and Stability in Cyanobacteria	140
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-04ER15603 01/31/2011 Steimle	SC-22.1	Generation, Detection and Characterization of Gas-Phase Transition Metal Containing Molecules	121
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-99ER20349 09/14/2009 Webber	SC-22.13	Excitation energy transfer in the photosystem I	120
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-04ER46168 06/30/2011 McCartney	SC-22.21	Nanoscale Imaging of Electrostatic and Magnetic Fields	150
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-05ER46257 08/31/2011 Friesen	SC-22.22	A Surface Stress Paradigm for Studying Catalyst and Storage Materials Relevant to the Hydrogen Economy	100
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-06ER46302 07/31/2009 van Schilfgaarde	SC-22.22	Theoretical Calculations of Spin Dynamical Susceptibility in Magnets	144
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-06ER46345 08/14/2010 Drucker	SC-22.23	Science of Nanowire Epitaxy	145
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-01ER45943 03/14/2011 Tao	SC-22.22	Electrical, Mechanical and Thermal Properties of Single Molecules	127

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (AZ)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ARIZONA STATE UNIVERSITY Tempe, AZ	DE-FG02-02ER45996 08/31/2009 Spence	SC-22.21	Automated Nanocrystallography	149
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FC02-06ER41439 03/14/2011 Toussaint	SC-25	SciDAC - National Computational Infrastructure for Lattice Gauge Theory	25
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-06ER41449 05/14/2009 Fleming	SC-26.1	Effective Field Theories and Strong Interactions	60
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FC02-06ER41452 03/14/2008 Burrows	SC-25	Computational Astrophysics Consortium: 3. Supernovae, Gamma-Ray Bursts, and Nucleosynthesis	100
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-93ER45488 10/31/2010 Falco	SC-22.22	Nanostructured Magnetic Materials	101
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-04ER41298 01/31/2010 Rutherford, Sarcevic, Toussaint	SC-25	University of Arizona High Energy Physics Program	1,095
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FC02-01ER41184 07/14/2007 Burrows	SC-25	SciDAC Supernova Science Center	0
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-04ER41318 03/31/2010 Rafelski, Thews	SC-26.1	Research in Theoretical High Energy Nuclear Physics at the University of Arizona	122
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-04ER41319 03/31/2010 Sarcevic	SC-26.1	Research in Theoretical Nuclear and Neutrino Physics	41
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-04ER41338 07/31/2010 van Kolck	SC-26.1	Effective Theories of the Strong Interaction	72
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-99ER20338 09/14/2011 Vierling	SC-22.13	Hsp100/ClpB Chaperone Function and Mechanism	150
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-04ER15616 08/31/2009 Schumaker	SC-22.13	Specificity in Calcium-Mediated Plant Development: the Role of Calcium-Binding Protein Interactions	130
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-05ER15753 08/31/2011 Armstrong	SC-22.13	"Electronically Wired" Semiconductor Nanoparticles: Toward Vectoral Electron Transport in Hybrid Materials	220
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-02ER25533 08/14/2008 Restrepo	SC-21.1	Particle and Blood Cell Dynamics in Oscillatory Flows	0
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-03ER25577 08/31/2008 Kunyansky	SC-21.1	Asymptotically Optimal, High-Order Accurate Algorithms for the Solution of Certain Elliptic PDEs	0

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (AZ)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-04ER15596 07/14/2009 Wirth	SC-22.12	Linear and Nonlinear Spectroscopic Probing of Solute Interactions with Chemically Modified Silica Surfaces	123
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-04ER15551 07/31/2009 Hawes	SC-22.13	Structural and Functional Analysis of a Factor Controlling Growth and Development (FGD) in Higher Plants	120
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-03ER15438 07/31/2009 Yadegari	SC-22.13	Analysis of the Composition and Function of the Arbidopsis FIS2 Polycom-Group Complex	130
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-95ER14546 01/31/2009 Pemberton	SC-22.1	Vibrational Spectroscopy of Chromatographic Interfaces	250
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-05CH11330 09/30/2008 Ruiz	SC-23	Environment and Natural Resources Facility - Phase II Planning	962
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-02CH11114 12/31/2006 Powell, Baldwin	SC-23	Continuation of Infrastructure for the Institute for Biomedical Science and Biotechnology at the University of Arizona	0
ARIZONA, UNIVERSITY OF Tucson, AZ	DE-FG02-06ER64190 01/31/2009 Chorover	SC-23.4	Coupling Sorption to Soil Weathering During Reactive Transport: Impacts of Mineral Transformation and Sorbate Aging on Contaminant Speciation and Mobility	309
NORTHERN ARIZONA UNIVERSITY Flagstaff, AZ	DE-FG02-04ER63883 08/14/2008 Schwartz	SC-23.3	Can Soil Genomics Predict the Impact of Precipitation on Nitrous Oxide (N2O) Fluxes From Soil?	387
NORTHERN ARIZONA UNIVERSITY Flagstaff, AZ	DE-FC02-06ER64159 11/30/2010 Hungate	SC-23.3	Western Regional Center of the National Institute for Climatic Change Research	1,858
Total for AZ :				8,222



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-03ER63584 11/14/2006 Davidson	SC-23.2	Animal Gene Regulatory Networks	1,104
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-02ER63455 11/30/2006 Wold	SC-23.2	Functional Annotation of Genes and Regulatory Sequences on Human Chromosome 19	0
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-05ER63983 12/31/2010 Seinfeld	SC-23.3	Mechanisms of Formation of Secondary Organic Aerosols and Implications for Global Radiative Forcing	199
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-06ER64310 08/31/2009 Fink	SC-23.2	Blind Patient-in-the-loop Optimization of Electrical Stimulation Patterns for Retinal Implant Electrode Arrays	150
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-01ER45950 09/30/2008 Fultz	SC-22.21	ARCS A High-Resolution Chopper Spectrometer at the SNS	2,609
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-03ER46055 07/14/2009 Fultz	SC-22.23	Vibrational Entropy Studies Using Inelastic Neutron Scattering	420
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-06ER41427 08/31/2009 Hitlin	SC-25	Cerium Doped LSO/LYSO Crystal Development for Future High Energy Physics Experiments	45
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-99ER45766 08/14/2011 Eisenstein	SC-22.22	Thermal Transport in Correlated Low Dimensional Electrons Systems	131
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-92ER40701 10/31/2010 Hitlin	SC-25	High Energy Physics	3,858
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-05ER41361 12/31/2007 Ramsey-Musolf	SC-26.1	Fundamental Interactions in Nuclei	288
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-05ER41359 02/29/2008 Newman	SC-25	LHCNet: Wide Area Networking and Collaborative Systems for HENP	2,435
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-04ER41316 05/31/2008 Ellis	SC-25	Understanding the Fundamental Properties of Dark Matter & Dark Energy in Structure Formation and Cosmology	140
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-04ER46175 09/14/2010 Heath	SC-22.23	Quantum Dot and Quantum Wire Solids	160
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-03ER54711 08/14/2007 Bellan	SC-24.2	Investigations of Solar Prominence Dynamics Using Laboratory Simulations	0
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-04ER54755 01/31/2010 Bellan	SC-24.2	Determining How Spheromak Self-Organization Works	338

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FC02-05ER54849 01/14/2011 Cummings	SC-24.2	SciDAC - Center for Plasma Edge Simulation	80
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-02ER25529 08/14/2006 Candes	SC-21.1	Geometrical Multiscale Analysis: Applications to Scientific Computing and Partial Differential Equations	0
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-04ER25613 09/14/2007 Newman	SC-21.1	LambdaStation: Exploiting Advanced Networks in Data Intensive High Energy Physics Applications	0
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-05ER25657 09/14/2008 Desbrun	SC-21.1	Applied Geometry	96
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-05ER25661 03/31/2006 Sterling	SC-21.1	A Framework for Adaptable Operating and Runtime Systems	-117
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-06ER25725 03/31/2009 Hou	SC-21.1	Multiscale Analysis and Computation for Flows in Heterogeneous Media	108
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-88ER40397 12/31/2010 McKeown	SC-26.1	Study of Nuclei and Elementary Particles at Low and Intermediate Energies	232
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FC02-01ER25507 09/14/2007 Sterling	SC-21.1	Center for Programming Models for Scalable Parallel Computing	0
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-04ER15601 07/31/2008 Davis	SC-22.12	Supported Molecular Catalysts: Synthesis, In-Situ Characterization and Performance	120
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-05ER15754 05/31/2011 Lewis	SC-22.13	Sunlight-Driven Hydrogen Formation by Membrane-Supported Photoelectrochemical Water Splitting	225
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-05ER15716 12/31/2008 Goddard	SC-22.12	Polymer Functionalized Zeolite Proton Exchange Membranes (PFZ-PEM) for Medium Temperature (<299C) Fuel Cells	300
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-06ER15762 11/30/2011 Arnold	SC-22.12	Structural and Kinetic Studies of Novel Cytochrome P450 Small-Alkane Hydroxylases	160
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-06ER15773 04/30/2009 Stolper	SC-22.12	Experimental Petrology and Geochemistry of Volatile-Bearing Silicate Melts	167
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-03ER15483 02/14/2010 Lewis	SC-22.13	Chemical Control over the Electrical Properties of GaAs and Zn3P2 Semiconductor Surfaces and Photoelectrodes	180
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-00ER15035 01/14/2007 Fultz	SC-22.1	The Science of Electrode Materials for Lithium Batteries	50

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-97ER14814 11/14/2010 McKoy	SC-22.1	Electron-Driven Processes in Polyatomic Molecules	125
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-02ER15359 06/14/2007 Winkler	SC-22.13	Elucidating Mechanisms of Protein Folding and Enzyme Assembly in Lipid Bilayers	0
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-85ER13431 08/31/2009 Bercaw	SC-22.1	Synthetic and Mechanistic Investigation of Polymerization Catalyzed for Early Transition Metal Compounds	185
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-85ER13445 04/30/2006 Stolper, Epstein	SC-22.1	Infrared Spectroscopy and Stable Isotope Geochemistry of Hydrated Silicate Glasses	0
CALIFORNIA INST. OF TECHNOLOGY Pasadena, CA	DE-FG02-88ER13873 03/20/2009 Meyerowitz	SC-22.13	Regulation of Plant Cells, Cell Walls, and Development by Mechanical Signals	170
CALIFORNIA ST. UNIV. EAST BAY Hayward, CA	DE-FG02-05ER15657 04/30/2010 Balasubramanian	SC-22.11	Electronic Structure of Transition Metal Clusters, Actinide Complexes and Their Reactivity	105
CALIFORNIA ST. UNIV. FULLERTON Fullerton, CA	DE-FG02-04ER15597 01/31/2012 Feagin	SC-22.11	Reaction Imaging and the Molecular Coulomb Continuum	56
CALIFORNIA ST. UNIV. L. BEACH Long Beach, CA	DE-FG02-03ER25571 08/31/2007 Kim	SC-21.1	Nonlinear Boundary Value Problems Arising in Multidimensional Conservation Laws and in Morphogenesis	0
CALIFORNIA ST. UNIV. LA Los Angeles, CA	DE-FG02-02ER45981 05/14/2009 Rezayi	SC-22.22	Numerical Studies of Collective Phenomena in Two-Dimensional Electron and Cold Atom Systems	58
CALIFORNIA ST. UNIV. N. RIDGE Northridge, CA	DE-FG02-87ER40347 03/31/2009 Seki	SC-26.1	Nuclear Lattice Calculation	53
CALIFORNIA ST. UNIV. N. RIDGE Northridge, CA	DE-FC02-06ER25791 09/14/2011 Lu	SC-21.1	Hierarchical Petascale Simulation Framework for Stress Corrosion Cracking	157
CALIFORNIA ST. UNIV. N. RIDGE Northridge, CA	DE-FG02-06ER46305 08/31/2009 Sheng	SC-22.22	Numerical Investigations of Novel Charge and Spin Hall Effects in Graphene and Other Spin-Orbit Coupling Electron Systems	101
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-05ER46194 10/31/2008 Dynes	SC-22.22	Spatial Instabilities, Homogeneities, and Proximity Effects: Highly Correlated Metals	100
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-04ER54750 03/31/2010 Wirth	SC-24.2	A Multiscale Investigation of the Mechanisms Controlling Materials Degradation in the Fusion Energy Environment	200
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-06ER54904 07/31/2009 Fajans	SC-24.2	Collaborative Research: Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping	267

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-04ER41304 12/14/2009 Crawford	SC-26.1	Investigation of Rare Particles and Parton Distributions in High Energy Nuclear Collisions	335
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-04ER41336 07/31/2009 Nomura	SC-25	Symmetry Breaking, Unification, and Theories Beyond the Standard Model	50
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-04ER41289 09/14/2011 Wurtele	SC-25	Advanced Accelerator Concepts	275
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-03ER41279 08/31/2007 Kolomensky	SC-25	Precision RF Beam Position Monitors for Measuring Beam Position and Tilt	35
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-00ER41129 04/14/2009 Freedman	SC-26.1	Medium Energy Nuclear Physics	385
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-00ER41138 02/28/2009 Freedman	SC-26.1	US Participation in the KamLAND Experiment	285
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FC02-06ER41453 03/14/2011 McKee	SC-25	Supernovae, Gamma Ray Bursts, and Nucleosynthesis	125
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-02ER46008 08/31/2006 Gronsky	SC-22.21	Directed Self-Disassembly of Spatially-Restricted Internalized Second Phases	0
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FC02-06ER25786 09/14/2011 Demmel	SC-21.1	Towards Optimal Petascale Simulations (TOPS)	80
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FC02-06ER25753 09/14/2011 Yelick	SC-21.1	Center for Programming Models for Scalable Parallel Computing	811
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-05ER15696 08/14/2011 Katz	SC-22.12	Controlling Selectivity of Heterogeneous Catalysts Using Grafted Metallocalixarene Active Sites	135
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-04ER15602 10/31/2008 Long	SC-22.1	Cluster-Expanded Solids: A Strategy for Assembling Functional Porous Materials	130
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-05ER15637 01/31/2010 Wenk	SC-22.12	Extracting Geological Stresses and Anisotropy from Rocks by means of Neutron Diffraction	149
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FC02-01ER25509 05/31/2007 Yelick	SC-21.1	Center for Programming Models for Scalable Parallel Computing	0
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-01ER25445 07/14/2007 Frenklach	SC-21.1	Collaboratory for Multi-Scale Chemical Science	0

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-04ER15552 06/30/2010 Luan	SC-22.13	Immunophilins in Photosystem II Assembly and Maintenance	120
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-04ER15507 07/31/2008 Banfield	SC-22.12	Microbial metabolism and the nature of metal sulfide biomineralization products	122
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-03ER15479 10/14/2007 Iglesia	SC-22.12	Early Transition Metal Oxides of Catalysts: Crossing Scales From Clusters to Single Crystals to Functioning	85
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-01ER15218 01/31/2009 Banfield	SC-22.1	How Do Interfacial Phenomena Control Nanoparticle Structure?	199
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-88ER13917 05/14/2008 Staskawicz	SC-22.13	Biochemical Characterization and Functional Role of the Arabidopsis NDR1 Protein in Bacterial Disease Resistance	130
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-87ER13742 06/30/2009 Quail	SC-22.13	Phytochrome from Green Plants: Properties and Biological Function	280
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-06ER64308 08/31/2009 Baldocchi	SC-23.3	Quantifying & Understanding Interannual Variability of Carbon, Water, and Energy Exchange of an Oak Savanna & an Annual	249
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-05ER64134 08/31/2010 Banfield	SC-23.2	Proteogenomic Approaches for the Molecular Characterization of Natural Microbial Communities	703
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-03ER63592 09/14/2009 Coates	SC-23.4	Uranium Immobilization Through Fe(II) Bio-oxidation: A Column Study	274
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-03ER63614 09/30/2007 Coates	SC-23.4	Anaerobic U(IV) Bio-oxidation and the Resultant Remobilization of Uranium in Contaminated Sediments	55
CALIFORNIA, UNIV. OF BERKELEY Berkeley, CA	DE-FG02-03ER63668 08/31/2007 Sachs	SC-23.2	Modeling the Interrelations Among Radiation-Induced Bystander Effects, Genomic Instability, and Cancer	0
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER63912 08/31/2010 Six	SC-23.3	Physico-Chemical and Bio-Chemical Controls on Soil C Saturation Behavior	116
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-97ER14749 01/31/2011 Navrotsky	SC-22.1	Thermodynamics of Minerals Stable Near the Earth's Surface	197
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-02ER15306 05/31/2011 Ng	SC-22.11	Determination of Accurate Energetic and Spectroscopic Database for Combustion Radicals and Molecules by High Resolution Photoion-Photoelectron Methods	145
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-02ER15315 10/31/2011 Orel	SC-22.11	Electron-Driven Excitation and Dissociation of Molecules	95

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-01ER15145 04/14/2005 Rock	SC-22.1	Electrochemical Measurements and Theoretical Predictions of the Thermodynamic Properties of Carbonate and Oxide Minerals	0
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER15447 09/14/2009 Abel	SC-22.13	The Phosphate Starvation Response Pathway in Arabidopsis thaliana	130
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER15439 08/14/2007 Sinha	SC-22.13	Functional analysis of KNOX transcription factors in the bryophyte Physcomitrella patens	50
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER15416 07/31/2009 Callis	SC-22.13	The Role of Rub (Related to Ubiquitin) Family of Proteins in Regulating Proteolysis	130
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER15405 06/30/2010 Theg	SC-22.13	Energetics and Mechanisms of Protein Transport Across Chloroplast Membranes	0
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER15392 06/30/2009 Harada	SC-22.13	Regulation of Embryonic Development in Higher Plants	130
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER15513 02/14/2010 Gates	SC-22.12	Dynamic Characterization of Structure and Bonding in Supported Molecular Catalysts	130
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER15498 11/30/2009 Rustad	SC-22.12	The Impact of Carbonate on Surface Protonation, Electron Transfer, and Crystallization Reactions in Iron Oxide	137
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER15553 07/14/2008 Doi	SC-22.13	Structure, Function and Regulation of the Clostridium cellulovorans Cellulosome	135
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER15554 08/31/2010 Liu	SC-22.13	Roles of microtubule-based motors in plant growth	120
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER15568 11/14/2010 Rundle	SC-22.1	Collaborative Research: Failure of Rock Masses From Nucleation and Growth of Microscopic Defects and Disorder	150
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FC02-01ER25473 12/14/2006 Puckett	SC-21.1	An Algorithmic and Software Framework for Applied Partial Differential Equations	47
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-94ER20134 04/14/2009 Lucas	SC-22.13	Cellular and Molecular Characterization of Vascular Plasmodesmata	130
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-05ER15639 01/31/2009 Rustad	SC-22.12	How Do Interfacial Phenomena Control Nanoparticle Structure?	81
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER15600 07/31/2007 Gates	SC-22.12	Supported Molecular Catalysts: Synthesis, In-Situ Characterization and Performance	140

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-05ER15667 08/14/2011 Navrotsky	SC-22.1	Energetics of Nanomaterials	110
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-05ER15668 07/31/2009 Britt	SC-22.13	G2 checkpoint responses in Arabidopsis	120
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FC02-06ER25777 12/14/2011 Ma	SC-21.1	SciDAC Institute for Ultra-Scale Visualization	898
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FC02-06ER25780 12/14/2011 Joy	SC-21.1	Visualization and Analytics Center for Enabling Technologies (VACET)	298
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FC02-06ER25793 09/14/2011 Bai	SC-21.1	Next Generation Multi-Scale Quantum Simulation Software for Strongly Correlated Materials	436
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FC02-06ER25794 09/14/2011 Galli	SC-21.1	Institute for Quantum Simulations of Materials and Nanostructures	920
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER25568 02/28/2007 Faller	SC-21.1	Combining Multi-scale and Density of States Simulation Techniques for Simulations of Various Glass Formers	0
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER25579 06/14/2009 Puckett, Miller	SC-21.1	Development of High-Order Accurate Interface Tracking Algorithms and Improved Constitutive Models for Problems in Continuum Mechanics	280
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER25609 08/14/2009 Owens	SC-21.1	A Programming Framework for Scientific Applications on CPU-GPU Systems	97
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER46053 06/30/2009 Navrotsky	SC-22.23	Thermochemistry of Anion Defect and Charge Coupled Substitutions in Fluorite and Perovskite Based Materials	389
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER46057 06/14/2010 Browning	SC-22.21	Materials Properties at Interfaces in Nanostructured Materials: Fundamental Atomic Scale Issues	114
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-97ER45640 11/14/2009 Cox	SC-22.22	Theoretical Studies of Correlated Molecules and Solids	90
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-91ER40674 12/31/2009 Ko	SC-25	High Energy Particle Physics Research	1,474
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER41280 08/31/2009 Pellett	SC-25	Radiation Damage Studies of Materials and Electronic Devices Using Hadrons	14
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FC02-01ER41202 09/14/2007 Ma	SC-25	Advanced Computing for 21st Century Accelerator Science and Technology	55

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-01ER63237 11/14/2006 Goldberg	SC-23.2	Evaluation of Genomic and Proteomic Responses to LDIR Exposure in Patients Receiving Therapeutic Radiation	0
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-03ER54732 02/28/2009 Hwang	SC-24.2	Development of High Density Compact Toroid Injector for Central Refueling	397
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-05ER54817 09/14/2007 Ma	SC-24.2	Advanced Visualization Technology for Gyrokinetic Particle Simulations	56
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER46173 08/31/2010 Parikh	SC-22.23	Dynamical Self-Assembly: Structure-Dynamics-Function Relations in Heterogenous Phospholipid Membranes	165
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-04ER46111 01/31/2010 Pickett	SC-22.22	Theory of Real Correlated Electron Materials	207
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-06ER46262 11/14/2009 Galli	SC-22.22	Semiconductor Nanostructures by Scientific Design	200
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-06ER46282 04/30/2011 Asta	SC-22.21	Computational Studies of Solid-Liquid Interfaces	150
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-06ER46340 08/14/2009 Kuhl	SC-22.21	Structure-Property Relationships of Polymer Brushes in Restricted Geometries and their Utilization as Ultra-Low	228
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-99ER54518 02/28/2009 Luhmann	SC-24.2	Millimeter-Wave Density Fluctuation Diagnostics for NSTX	332
CALIFORNIA, UNIV. OF DAVIS Davis, CA	DE-FG02-99ER54531 12/14/2010 Luhmann	SC-24.2	Innovative Diagnostic Developments for Turbulence and Transport Measurement and Visualization	378
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-05ER46237 08/31/2011 Wu	SC-22.22	First Principles Exploration for the Origin of Ferromagnetism in Diluted Magnetic Semiconductors	90
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-04ER46107 12/31/2009 Yu	SC-22.22	Glasses, Noise and Phase Transitions	60
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-04ER46174 08/31/2010 Chernyshev	SC-22.22	Excitation and Thermal Transport in Quantum Magnets	50
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-04ER46162 02/28/2011 Guan	SC-22.23	Biomimetic 3D Network Polymers Containing Reversibly Unfoldable Modules (RUM's) for Strong and Tough Materials	115
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FC02-04ER54796 08/14/2007 Lin	SC-24.2	Center for Gyrokinetic Particle Simulations of Turbulent Transport in Burning Plasmas	196



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FC02-06ER54860 01/14/2011 Lin	SC-24.2	SciDAC - Center for Plasma Edge Simulation	59
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-04ER54736 12/14/2011 Chen	SC-24.2	Theoretical Studies of Drift-Alfven and Energetic-Particle Physics	142
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-03ER54720 08/14/2009 Heidbrink	SC-24.2	Fast-Ion Studies in the Large Plasma Devices	100
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-02ER54681 08/14/2011 Heidbrink	SC-24.2	Beam Ion Studies in NSTX	139
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-06ER54867 04/14/2009 Heidbrink	SC-24.2	Fast-Ion D-Alpha Diagnostic for NSTX	25
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-06ER54877 12/31/2008 Wessel	SC-24.2	Instability Control in a Staged Z-Pinch	50
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-96ER45576 04/14/2011 Hemminger	SC-22.23	Optical Spectroscopy and Scanning Tunneling Microscopy Studies of Molecular Adsorbates and Anisotropic Ultrathin Films	150
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-84ER45083 01/31/2011 Mills	SC-22.22	Electron Probes of Nanoscale and Subnanoscale Structures and their Dynamics	99
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-06ER41408 01/31/2007 Feng	SC-25	SUSY06: The 14th International Conference on Supersymmetry and the Unification of Fundamental Interactions (June 12-17,	15
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-03ER46071 02/14/2008 Dennin	SC-22.23	Understanding Foam Rheology from the Microscopic to the Macroscopic Scale	110
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-03ER46036 02/14/2010 Lawrence	SC-22.21	Neutron Scattering Studies of Rare Earth Valence Fluctuation Compounds	175
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-91ER40679 01/31/2010 Sobel	SC-25	A Research Program in Neutrino Physics, Cosmic Rays, and Elementary Particles	2,920
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-04ER15595 02/28/2009 Ho	SC-22.11	Spectroscopic Imaging Toward Space-Time Limit	150
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-04ER15611 08/31/2007 Wu	SC-22.12	First Principles Investigations and Simulations for Growth and Catalytic Properties of Au Nanoclusters on Oxide Surfaces	100
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-06ER15826 08/31/2009 Ho	SC-22.11	Time-Resolved Single-Molecule Chemical Imaging Studies of Interfacial Electron Transfer	100

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-04ER15571 12/31/2010 Mukamel	SC-22.11	Theory and Simulation of Nonlinear X-Ray Spectroscopy of Molecules	150
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-86ER13514 06/14/2010 Evans	SC-22.1	Advancing Chemistry with F Elements	155
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-86ER13525 05/31/2011 Lanyi	SC-22.13	Membrane Bioenergetics of Salt Tolerant Organisms	199
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-05ER64000 12/31/2010 Finlayson-Pitts	SC-23.3	Formation of Secondary Organic Aerosols (SOA) via Nitrate Ion Photochemistry In and On Particles	220
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-03ER63648 08/31/2007 Redpath	SC-23.2	Low Dose Suppression of Neoplastic Transformation in vitro	185
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-03ER63598 12/31/2006 Mukherjee	SC-23.2	PET Imaging Agents for Nicotine Receptors	0
CALIFORNIA, UNIV. OF IRVINE Irvine, CA	DE-FG02-05ER64083 06/30/2008 Redpath	SC-23.2	Molecular Mechanisms of Suppression of Neoplastic Transformation by Low Doses of Low LET Radiation	287
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-05ER64011 01/31/2011 Paulson	SC-23.3	Optical Properties and Mass Measurements of Representative Aerosols	200
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-06ER64224 03/31/2009 Miller	SC-23.2	Fourteenth-Sixteenth Microbial Genomics Conference - 2006-2008	60
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-06ER64249 09/14/2010 Phelps	SC-23.2	Institute for Molecular Medicine Research Program	6,736
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-04ER63724 11/14/2010 Liou	SC-23.3	Characterization of 3D Cirrus Cloud and Radiation Fields Using ARM/AIRS/MODIS Data and Its Application to Climate Models	111
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-04ER63726 11/14/2006 Gruber	SC-23.3	Carbon Sequestration by Patch Fertilization: A Comprehensive Assessment Using Coupled	121
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FC02-02ER63420 12/31/2006 Phelps	SC-23.2	Institute for Molecular Medicine Research Program	0
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FC02-02ER63421 12/31/2009 Eisenberg	SC-23.2	UCLA-DOE Institute for Genomics and Proteomics	1,791
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-04ER63881 09/14/2008 Ghil	SC-23.3	Studies of Regional-Scale Climate Variability and Change: Hidden Markov Models and Coupled Ocean-Atmosphere Modes	108

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-04ER15584 06/30/2007 Gunsalus	SC-22.13	Molecular Biology and Genetics of the Acetate-Utilizing Methanogenic Bacteria	240
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-04ER15529 08/31/2010 Merchant	SC-22.13	Molecular Genetic Dissection of Chloroplast Iron Homeostasis	120
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-06ER15813 07/31/2007 Yaghi	SC-22.12	Metal-Organic Frameworks for Highly Selective Separations	148
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-97ER20263 04/30/2007 Goldberg	SC-22.13	Suspensor Differentiation During Early Plant Embryo Development	0
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-91ER40662 01/14/2010 Cline	SC-25	Experimental and Theoretical High Energy Physics	1,895
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-88ER40420 01/31/2012 Nefkens	SC-26.1	UCLA Intermediate Energy Nuclear and Particle Physics Research	186
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-88ER40424 01/31/2012 Whitten	SC-26.1	Intermediate Energy and Relativistic Heavy Ion Group	736
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FC02-06ER25797 09/14/2011 Zhong	SC-21.1	Simulations of Turbulent Flows With Strong Shocks and Density Variations	147
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-03ER46049 05/31/2006 Kivelson	SC-22.22	Local and Macroscopic Properties of Stripe Ordered Conductors	-52
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-03ER46077 09/14/2007 Przystupa	SC-22.21	Microstructural Characterization of Dislocation Networks During Harper-Dorn Creep of fcc, bcc, and hcp Metals and Alloys	0
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-06ER41428 08/31/2007 Saltzberg	SC-25	Development of a Low-Power, Low-Cost, Front-End Electronics Module for Large-Scale Distributed Neutrino Detectors	50
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-06ER41431 08/31/2008 Wallny	SC-25	Fabrication and Testing of Single Crystal Chemical Vapor Deposition Diamonds for Detector Applications	55
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FC02-01ER41179 03/14/2007 Mori	SC-25	Advanced Computing for 21st Century Accelerator Science and Technology- Renewal Proposal	85
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-92ER40693 10/31/2009 Rosenzweig, Pellegrini	SC-25	Theoretical and Experimental Studies in Accelerator Physics	780
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-92ER40695 10/31/2011 Cline	SC-25	Advanced Accelerator Physics Research at UCLA	380

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-92ER40727 05/31/2010 Joshi, Mori	SC-25	Experimental, Theoretical and Computational Studies of Plasma-Based Concepts for Future High Energy Accelerators	1,250
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-06ER54888 07/31/2009 Decyk	SC-24.2	Collaborative Research: Simulation of Beam Electron Cloud Interactions in Circular Accelerators Using Plasma Models	25
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-06ER54905 07/31/2009 Stenzel	SC-24.2	Whistler Spheromaks and EMHD Turbulence	140
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-06ER54906 07/31/2009 Niemann	SC-24.2	Laser Driven Shock Waves in a Large Magnetized Plasma	150
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-01ER63251 09/14/2007 Ghil	SC-23.3	Predictive Understanding of the Oceans' Wind-Driven Circulation on Interdecadal Time Scales	144
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-01ER54615 12/31/2010 Brower	SC-24.2	Development of Advanced Magnetic and Electron Current Density Diagnostics	1,013
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-03ER54721 08/14/2009 Mori	SC-24.2	Continuation of Full-Scale Three-Dimensional Numerical Experiments on High-Intensity Particle and Laser Beam Matter Interactions	100
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-03ER54717 08/14/2007 Gekelman	SC-24.2	Studies of Flows in Plasmas	0
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-03ER54719 08/14/2007 Ghoniem	SC-24.2	Development of Robust IFE Laser Mirrors and Multi-Scale Modeling of Pulsed Radiation Effects	0
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-03ER54708 11/14/2012 Ghoniem	SC-24.2	Multiscale Modeling of Deformation, Fracture, and Failure of Fusion Materials and Structures	409
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-04ER54737 12/31/2006 Cowley	SC-24.2	Theory of Fusion Plasmas	108
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-04ER54740 01/14/2008 Decyk	SC-24.2	Computer Modeling of Microturbulence and Macro-stability Properties of Magnetically Confined Plasmas	300
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-04ER54760 02/14/2007 Wong	SC-24.2	A New Approach to Heating, Fueling, Diagnosis & Control of Magnetized Plasmas Using Neutralized Ion Beams	50
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FC02-04ER54797 09/14/2007 Decyk	SC-24.2	Center for Gyrokinetic Particle Simulation of Turbulent Transport in Burning Plasmas	78
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FC02-04ER54785 07/31/2009 Carter	SC-24.2	Fusion Science Center: The Center for Multiscale Plasma Dynamics	524

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-06ER46276 03/14/2009 Miao	SC-22.21	Three-Dimensional Imaging of Nanoscale Materials by Using Coherent X-rays	196
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-99ER54527 02/28/2009 Peebles	SC-24.2	Cross-Cutting Research Studies on the National Spherical Torus Experiment	318
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-86ER53225 07/31/2006 Taylor	SC-24.2	Studies of Particle Confinement and MHD Stability in ET	0
CALIFORNIA, UNIV. OF LA Los Angeles, CA	DE-FG02-86ER52123 12/31/2010 Abdou	SC-24.2	Predictive Capabilities, Analysis and Experiments for Fusion Plasma Chamber Systems Research	1,980
CALIFORNIA, UNIV. OF MERCED Atwater, CA	DE-FG02-03ER63586 09/14/2006 Traina	SC-23.4	Contaminant Organic Complexes: Their Structure and Energetics in Surface Decontamination	0
CALIFORNIA, UNIV. OF MERCED Merced, CA	DE-FG02-04ER63833 11/30/2006 O'Day	SC-23.4	Caustic Waste-Soil Weathering Reactions and their Impacts on Trace Contaminant Migration and Sequestration	0
CALIFORNIA, UNIV. OF MERCED Merced, CA	DE-FG02-06ER64192 01/31/2009 O'Day	SC-23.4	Coupling Sorption to Soil Weathering During Reactive Transport: Impacts of Mineral Transformation and Sorbate Aging	200
CALIFORNIA, UNIV. OF MERCED Merced, CA	DE-FG02-04ER15502 02/14/2011 Kelley	SC-22.13	Exciton Transport and Charge Separation in Quantum Dot Arrays	130
CALIFORNIA, UNIV. OF MERCED Merced, CA	DE-FG02-04ER25625 08/31/2009 Colvin	SC-21.1	A Center for Computational Biology	984
CALIFORNIA, UNIV. OF OAKLAND Oakland, CA	DE-FC02-03ER63613 08/31/2007 Gates	SC-23.3	National Institute for Global Environmental Change	0
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-06ER46296 07/14/2010 Wu	SC-22.22	Atomic Density Functional Theory for Crystal Nucleation and Growth	159
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-04ER46131 04/14/2010 Mohideen	SC-22.22	Investigating the Material Property Dependences in the Casimir Force for Applications in Semiconductor Nanomechanical Systems	124
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-04ER46138 04/14/2010 Haddon	SC-22.23	Solid State Electronic Structure and Properties of Neutral Carbon-Based Radicals	234
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-94ER40837 01/31/2012 Wimpenny, Ma, Gary	SC-25	High Energy Physics	1,152
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-04ER41325 06/30/2010 Barish	SC-26.1	SPIN PHYSICS WITH PHENIX AT RHIC	141

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-86ER40271 12/31/2011 Seto, Barish	SC-26.1	Central Collisions of Heavy Ions	418
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-05ER15660 05/14/2011 Bocian	SC-22.13	Fundamental Studies of Hydroporphyrin Architectures for Solar Energy Applications	130
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-05ER15649 06/14/2009 Springer	SC-22.13	Transcription Factors Expressed in Lateral Organ Boundaries: Identification of Downstream Targets	120
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-06ER15784 05/31/2007 Bartels	SC-22.12	Symposium "Dynamics and Reactivity of Individual Molecules/Clusters" to be Held at ACS National Meeting - September 10-14,	8
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-04ER15555 07/14/2010 Yang	SC-22.13	ROP GTPase Signaling in the Hormonal Regulation of Plant Growth	120
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-03ER15472 09/14/2009 Zaera	SC-22.12	Molecular-level Design of Heterogeneous Chiral Catalysts	670
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-03ER15464 09/14/2009 Bartels	SC-22.12	Controlling Structural, Electronic, and Energy Flow Dynamics of Catalytic Processes Through Tailored Nanostructures	160
CALIFORNIA, UNIV. OF RIVERSIDE Riverside, CA	DE-FG02-05ER63984 12/31/2010 Ziemann	SC-23.3	Hygroscopicity and CCN Activity of Secondary & Processed Primary Organic Aerosols	4
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER63857 09/14/2008 Miller	SC-23.3	Predictability and Diagnosis of Low-Frequency Climate Processes in the Pacific	180
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER63865 07/31/2008 Zhang	SC-23.3	Evaluating the Representation and Impact of Convective Momentum Transport in CCSM Atmosphere Model	52
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER63898 08/31/2007 Keeling	SC-23.3	A Study of the Abundance & <sup>13</sup> C/ <sup>12</sup> C Ratio of Atmospheric Carbon Dioxide to Advance the Scientific Understanding of Terrestrial Processes Regulating the GCC	340
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER63722 11/14/2006 Barbeau	SC-23.3	Characterizing the Production and Retention of Dissolved Iron as Fe(II) Across a Natural Gradient in Chlorophyll	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-03ER63532 12/14/2009 Zhang	SC-23.3	Improving Convection Parameterization Using ARM Observations and NCAR Community Atmosphere Model	112
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-03ER63538 12/14/2007 Lubin	SC-23.3	A Study of Arctic Cloud and Aerosol Using AERI Data: Radiative Properties, Thermodynamic Phase, and a Search for the	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-03ER15449 09/14/2009 Schroeder	SC-22.13	Molecular and Genetic Basis of Sodium/Potassium Transport and Distribution in Plants	175

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER15537 06/30/2007 O'Connor	SC-22.12	Exploring New Modes of Uranium Reactivity: Synthesis and Characterization of Novel Uranium Complexes with Tripodal Chelators	125
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-01ER15146 05/31/2005 Smith	SC-22.13	Analysis of the Localization and Function of TANGLED, a Protein Required for Spatial Control of Cytokinesis in Plant Cells	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-98ER14879 10/31/2010 Continetti	SC-22.1	Dynamics and Energetics of Elementary Combustion Reactions and Transient Species	132
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-02ER15311 12/31/2005 Weare	SC-22.1	First Principles Simulation of the Supercritical Behavior of Ore Forming Fluids	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FC02-01ER25486 08/14/2007 Ludaescher, Moore	SC-21.1	Scientific Data Management Integrated Software Infrastructure Center	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-05ER15748 11/14/2009 Fox, Whitesell	SC-22.13	Functionalized Nanoparticles and Surfaces for Controlled Chemical Catalysis and Effective Light Harvesting	150
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-06ER15767 12/31/2009 Weare	SC-22.12	First Principles Simulation of the Temperature Composition and Pressure, Dependence of Natural Fluids	268
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-05ER25679 05/31/2008 Pevzner	SC-21.1	RECOMB Conference Support - 2005	10
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER25634 09/14/2007 Snavelly	SC-21.1	PetaScale Application Development Analysis	50
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER25598 06/30/2007 Snavelly	SC-21.1	PetaScale Execution Time Evaluation	300
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-90ER40546 12/31/2009 Kuti, Branson, Sharma, Griest	SC-25	Elementary Particle Physics	1,380
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FC02-06ER25760 12/14/2011 Snavelly	SC-21.1	Collaborative Research: Performance Engineering Research Center	285
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FC02-06ER25785 09/14/2011 Reynolds	SC-21.1	Towards Optimal Petascale Simulations (TOPS)	80
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FC02-01ER41186 07/14/2007 Fuller	SC-26.1	Shedding New Light on Exploding Stars: TeraScale Simulations of Neutrino-Driven Supernovae and Their Nucleosynthesis	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER41348 02/28/2007 Paar	SC-25	Dual-Readout Calorimetry for High-Quality Energy Measurements	0

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-03ER46084 08/14/2007 Sinha	SC-22.21	Neutron and X-Ray Scattering Studies of Magnetic Films and Nanostructures	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER46105 11/30/2009 Maple	SC-22.22	Superconductivity and Magnetism in d- and f-Electron Materials	299
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-87ER45332 06/30/2011 Schuller	SC-22.22	Nanostructured Materials: From Superlattices to Quantum Dots	131
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG03-86ER45230 11/30/2003 Maple	SC-22.22	Superconductivity and Magnetism in d- and f-Electron Materials	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-00ER45799 11/30/2011 Basov	SC-22.22	Electromagnetic Response of Correlated Electron Systems in the Regime of Charge and Spin Inhomogeneity	120
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-06ER54871 05/31/2009 Tynan	SC-24.2	Nonlinear Drift Turbulence-Zonal Flow Interactions in a Laboratory Plasma Device	246
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-01ER63252 09/14/2010 Cessi	SC-23.3	The Role of Eddy-Transport in the Thermohaline Circulation	204
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-01ER63148 07/14/2007 Palenik, Brahamsha	SC-23.2	Transport and Its Regulation in Marine Microorganisms: A Genomics-Based Approach	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-97ER62338 11/30/2007 Somerville	SC-23.3	Single-Column Modeling, GCM Parameterizations and ARM Data	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-06ER54852 02/28/2009 Krashennnikov	SC-24.2	Basic Physical Processes Involving Dust in Fusion Plasmas	100
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-05ER54842 08/14/2008 Beg	SC-24.2	High Energy Density Physics and Applications with a State-of-the-Art Compact X-Pinch	327
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-05ER54809 04/14/2011 Moyer	SC-24.2	Modeling Plasma Response to Non-Axisymmetric Magnetic Field Perturbations in Tokamak Boundaries	108
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER54804 08/14/2009 Rosenberg	SC-24.2	Dust-Plasma Interactions	90
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER54757 12/31/2009 Najmabadi, Raffray, Tillack, Mau	SC-24.2	Advanced Design Program (ARIES)	919
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER54758 04/30/2007 Moyer, Boedo	SC-24.2	DIII-D Edge Plasma Disruptions and Radiative Processes	585



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER54773 04/14/2007 Tynan	SC-24.2	Integrated Study of the Nonlinear Dynamics of Collisional Drift Turbulence	120
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-03ER54731 03/14/2009 Boedo, Moyer	SC-24.2	Edge Physics Studies on the NSTX Spherical Tokamaks	120
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER54734 04/30/2007 Conn, Najmabadi, Tynan	SC-24.2	UCSD PISCES and Plasma Surface Interaction Theory and Modeling	1,790
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER54738 12/14/2010 Diamond	SC-24.2	Investigations in Anomalous Transport and Ignition Physics	552
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER54739 01/14/2010 Krashennnikov	SC-24.2	Turbulence, Structures, and Macroscopic Transport in Edge, SOL, and Divertor Plasmas	243
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER46177 09/14/2006 Schuller	SC-22.22	Acquisition of an In-House X-ray Scattering Facility for Nanostructure Characteristics and Student Training	0
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-04ER46135 10/14/2007 Tsimring	SC-22.23	Modeling for Process Control: High-Dimensional Systems	159
CALIFORNIA, UNIV. OF SAN DIEGO La Jolla, CA	DE-FG02-05ER46204 05/31/2011 Di Ventra	SC-22.22	Time-Dependent Current Density-Functional Theory of Charge, Energy and Spin Transport in Nanoscale Conductors	100
CALIFORNIA, UNIV. OF SAN FRAN San Francisco, CA	DE-FG02-03ER63688 05/31/2007 Balmain	SC-23.2	An Expression Array Strategy to Identify Mouse Strain-Specific DNA Damage Response Pathways in Mammary Tissue	90
CALIFORNIA, UNIV. OF SAN FRAN San Francisco, CA	DE-FG02-03ER63630 01/31/2009 Balmain	SC-23.2	Identification of Mouse Genetic Susceptibility to Radiation Carcinogenesis	390
CALIFORNIA, UNIV. OF SAN FRAN San Francisco, CA	DE-FG02-05ER64010 01/14/2007 Franc	SC-23.2	Development of a Therapeutic Radionuclide Tumor-Targeting Strategy Using an Intracellular Localization Mechanism	0
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-06ER46314 07/31/2010 Safinya	SC-22.23	Miniaturized Hybrid Materials Inspired by Nature	200
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-06ER46324 05/14/2008 Heeger	SC-22.2	Functional Interfaces in Polymer-Based Bulk Heterojunction Solar Cells: Establishment of a Cluster for	200
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-94ER54275 05/31/2013 Odette	SC-24.2	A Science-Based Fast Track for Advanced Fusion Structural Materials Development	630
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-04ER46176 08/31/2007 Cheetham	SC-22.23	Host-Guest Interactions in Materials for Hydrogen Separations and Storage	188

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-05ER54830 06/30/2007 Odette	SC-24.2	12th International Conference on Fusion Reactor Materials (ICFRM-12) - (December 4-9, 2005)	0
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-90ER61062 10/31/2006 Gautier	SC-23.3	Understanding Radiative Processes in Realistic Cloud and Aerosol Distributions	20
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FC02-06ER41437 03/14/2011 Sugar	SC-25	National Computational Infrastructure for Lattice Gauge Theory	15
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-87ER45331 10/31/2010 Israelachvili	SC-22.23	Properties of Surfaces and Films over Large Length and Time Scales	246
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-06ER41423 08/14/2007 Gross	SC-25	LHC Olympics Workshop and String Phenomenology 2006 Conference, August 7 - December 15, 2006	20
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-03ER46080 03/14/2008 Ahlers, Cannell	SC-22.23	Heat Transport by Turbulent Rayleigh-Benard Convection	182
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-03ER46048 11/30/2004 Scalapino, Sugar	SC-22.22	Competing Phases and Basic Mechanisms in Strongly-Correlated Electron Systems	0
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-02ER46006 05/30/2009 Morse	SC-22.23	Biological and Biomimetic Low-Temperature Routes to Materials for Energy Applications	350
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-02ER45994 08/31/2009 Stemmer	SC-22.21	Microstructural Origins of the Dielectric Behavior of Ferroelectric Thin Films	120
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-02ER45986 12/31/2005 Spaldin	SC-22.22	Design of the First Ferromagnetic Piezoelectric	0
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FC02-01ER41182 03/14/2007 Sugar	SC-25	SciDAC: National Computational Infrastructure for Lattice Gauge Theory	0
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-91ER40618 03/31/2011 Richman	SC-25	UCSB High Energy User Group	2,084
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-04ER25621 08/31/2009 Petzold	SC-21.1	Multiscale Simulation Algorithms for Biochemical Systems	195
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-04ER25632 09/14/2008 Gilbert	SC-21.1	PetaScale Application Development Analysis	200
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-05ER25704 08/14/2008 Leal	SC-21.1	Localized Scale Coupling and New Educational Paradigms in Multiscale Mathematics and Science	128

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-05ER15725 07/14/2009 Seshadri	SC-22.12	Nanostructured Catalysts for the Hydrogen Economy	455
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-06ER15797 05/31/2007 Gross	SC-22.11	Attosecond Science Workshop - July 31 - September 15, 2006	10
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-06ER15835 08/31/2009 Buratto	SC-22.12	Chemical Imaging with 100nm Spatial Resolution	262
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-04ER15506 11/30/2006 Ford	SC-22.1	Studies Relevant to Catalytic Activation of Small Molecules	130
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-04ER15544 07/14/2009 Finkelstein	SC-22.13	ABI8: Prototype of a novel signaling factor	120
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-03ER15467 09/14/2009 Scott	SC-22.12	Hierarchical Design of Supported Organometallic Catalysis for Hydrocarbon Transformations: Structures and Dynamics of Active Sites	550
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-03ER15441 12/14/2009 Wodtke	SC-22.11	Electronically Non-Adiabatic Interactions in Molecule Metal-Surface Scattering: Can We Trust the Born-Oppenheimer	0
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-89ER14048 06/30/2011 McFarland	SC-22.1	Investigations of C-H Bond Activation and Doped Metal Oxide Catalysts	145
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-96ER14620 01/31/2010 Boles	SC-22.1	Physiochemical Evidence of Faulting Processes and Modeling of Fluid Flow in Evolving Fault Systems in Southern	94
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-03ER63696 09/14/2007 Kennett	SC-23.3	Effects of Oceanic Disposal of Carbon Dioxide on Benthic Microfauna as Indicators of Dissolution and Ecosystem Health	0
FORNIA, UNIV. OF SANTA BARBARA Santa Barbara, CA	DE-FG02-05ER63949 11/14/2007 Holden	SC-23.4	Stabilization of Plutonium in Subsurface Environments via Microbial Reduction and Biofilm Formation	81
ALIFORNIA, UNIV. OF SANTA CRUZ Santa Cruz, CA	DE-FG02-04ER63750 12/14/2010 Liu	SC-23.2	Artificial Retina Project: Wireless Link and Microelectronics	219
ALIFORNIA, UNIV. OF SANTA CRUZ Santa Cruz, CA	DE-FG02-04ER15530 03/31/2007 Wu	SC-22.12	High Resolution/High Fidelity Seismic Imaging and Parameter Estimation for Geological Structure and Material	326
ALIFORNIA, UNIV. OF SANTA CRUZ Santa Cruz, CA	DE-FC02-06ER25768 12/14/2011 Long	SC-21.1	Petascale of Data Storage Institute	299
ALIFORNIA, UNIV. OF SANTA CRUZ Santa Cruz, CA	DE-FC02-01ER41176 07/14/2007 Woosley	SC-25	SciDAC Center for Supernova Research	0

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ALIFORNIA, UNIV. OF SANTA CRUZ Santa Cruz, CA	DE-FG02-04ER41286 10/31/2009 Seiden	SC-25	Research in High Energy Physics	1,936
ALIFORNIA, UNIV. OF SANTA CRUZ Santa Cruz, CA	DE-FC02-06ER41438 03/14/2011 Woosley	SC-25	Computational Astrophysics Consortium: 3 Supernovae, Gamma Ray Bursts, and Nucleosynthesis	128
ALIFORNIA, UNIV. OF SANTA CRUZ Santa Cruz, CA	DE-FG02-05ER46181 11/30/2008 Belanger	SC-22.21	Ordering Process in Complex Magnetic Systems	180
ALIFORNIA, UNIV. OF SANTA CRUZ Santa Cruz, CA	DE-FG02-05ER46232 08/14/2011 Zhang	SC-22.21	Hydrogen Generation Using Integrated Photovoltaic and Photoelectrochemical Cells	150
ALIFORNIA, UNIV. OF SANTA CRUZ Santa Cruz, CA	DE-FG02-06ER46319 08/31/2009 Shastry	SC-22.22	Dynamical Thermal Transport in Correlated Matter	110
HUMBOLDT STATE UNIV. FOUND. Arcata, CA	DE-FG02-03ER63585 08/14/2006 Lehman	SC-23.2	Fuel Cell Advanced Materials Research and Development Project	0
KECK GRADUATE INSTITUTE Claremont, CA	DE-FG02-03ER15407 08/31/2007 Cregg	SC-22.13	Regulation of Gene Expression by Methanol in the Yeast <i>Pichia pastoris</i>	50
KECK GRADUATE INSTITUTE Claremont, CA	DE-FG02-04ER63804 12/14/2007 Sauro	SC-23.2	Computational Resources for GTL	157
LOMA LINDA UNIV MEDICAL CENTER Loma Linda, CA	DE-FG02-06CH11465 12/31/2009 Bush	SC-23	Enhanced Proton Therapy for Adult and Pediatric Cancer Patients through Development of a Precision Patient Alignment System (PPAS)	1,925
LOMA LINDA UNIVERSITY Loma Linda, CA	DE-FG02-05ER64097 07/31/2008 Bush	SC-23.2	Development of a Helium-Ion Beam Research and Clinical Application Platform at Loma Linda University Medical Center's Proton	0
LOMA LINDA UNIVERSITY Loma Linda, CA	DE-FG02-05ER64098 07/31/2008 Gridley	SC-23.2	Mechanisms of Low Dose Radiation-Induced T Helper Cell Function	314
LOS ANGELES TRADE TECH. COL. Los Angeles, CA	DE-FG02-03ER63702 12/31/2006 Brinkman, Moreno	SC-23.2	Developing the Foundations for a SMART Technology Training Program	0
OCCIDENTAL COLLEGE Los Angeles, CA	DE-FG02-06ER54882 07/14/2009 Eggleston	SC-24.2	Resonance Overlap, Axial Trapping, and Magnetic Field Scaling in Asymmetry-Induced Transport	60
O STATE UNIVERSITY RES. FOUND. San Diego, CA	DE-FG02-03ER41272 05/31/2009 Johnson	SC-26.1	Mean-Field and Moment Methods Applied to Nuclear Structure and Reactions	33
SAN DIEGO, UNIVERSITY OF San Diego, CA	DE-FG02-03ER54728 09/14/2009 Severn	SC-24.2	Collaborative Research: Understanding Sheaths and Pre-sheaths in Plasmas	45

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
SAN FRANCISCO STATE UNIVERSITY San Francisco, CA	DE-FG02-92ER40711 01/31/2011 Greensite	SC-25	Research in Theoretical High Energy Physics	95
SAN FRANCISCO STATE UNIVERSITY San Francisco, CA	DE-FG02-02ER63430 08/14/2007 Cochlan	SC-23.3	The Effects of Iron Complexing Ligands on the Long Term Ecosystem Response to Iron Enrichment of HNLC Waters	0
SAN FRANCISCO, CITY COLLEGE OF San Francisco, CA	DE-FG02-06CH11436 06/30/2007 Goldstein, Day	SC-23	Health Programs and Student Health Services Institutional Equipment Upgrade	722
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-99ER14956 04/14/2010 Haw	SC-22.12	Fundamental Studies of Catalysis by Solid Acids	0
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-04ER15509 10/31/2008 Wittig	SC-22.1	Photoinitiated Processes in Small Hydrides	0
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-04ER15598 12/14/2010 Haw	SC-22.12	Supported Molecular Catalysts: Synthesis, In-Situ Characterization and Performance	150
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-04ER25630 09/14/2007 Hall	SC-21.1	PetaScale Application Development Analysis	50
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-04ER25597 06/30/2007 Lucas	SC-21.1	PetaScale Execution Time Evaluation	722
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FC02-06ER25757 09/14/2011 Kesselman	SC-21.1	A Center for Enabling Distributed Petascale Science	960
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-06ER25741 08/14/2009 Lehman	SC-21.1	Hybrid Multi-Layer Network Control for Emerging Cyber-Infrastructures	200
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FC02-06ER25765 12/14/2011 Lucas	SC-21.1	Performance Engineering Research Center (PERC-3)	425
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FC02-06ER25773 09/14/2011 Chervenak	SC-21.1	Scaling the Earth System Grid to Petascale Date	460
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-84ER40168 02/28/2011 Warner, Bars	SC-25	Theoretical Particle Physics	270
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FC02-06ER25788 09/14/2011 Vashishta	SC-21.1	Hierarchical Petascale Simulation Framework for Stress Corrosion Cracking	590
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-05ER15629 03/31/2011 Reisler	SC-22.11	Photoinitiated Reactions of Radicals and Diradicals in Molecular Beams	135

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-05ER15685 12/14/2011 Krylov	SC-22.11	Theoretical Modeling of Spin-Forbidden Channels in Combustion Reactions	100
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-04ER46146 12/31/2007 Kassner	SC-22.22	Long-Range Internal Stresses and Mechanisms of Cyclic and Monotonic Deformation	129
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-04ER46130 04/14/2010 Vashishta	SC-22.22	Multimillion-to-Billion Atom Simulations of Nanoscale Systems	130
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-05ER46240 08/31/2011 Haas	SC-22.22	Quantum to Classical Crossover of Collective Modes in Correlated Matter	80
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-06ER54886 07/14/2009 Katsouleas	SC-24.2	Collaborative Research: Simulation of Beam-Electron Cloud Interactions in Circular Accelerators Using Plasma Models	75
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG03-01ER45905 08/31/2005 Mataric	SC-22.23	Multi-Robot Learning in Tightly-Coupled, Inherently Cooperative Tasks	0
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-01ER45908 01/31/2005 Haas	SC-22.22	Magnetic Fields and Disorder in Quantum Spin Systems	0
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-92ER40745 11/14/2010 Muggli	SC-25	Program for Plasma-Based Concepts for Future High Energy Accelerators	505
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FC02-01ER41192 03/14/2007 Katsouleas	SC-25	Advanced Computing for 21st Century Accelerator Science and Technology	19
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-05ER64128 08/31/2009 Pohost	SC-23.2	Development of Advanced Surgical Robotics "DARS"	0
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-06ER64322 09/14/2009 Pohost	SC-23.2	Development of Advanced Surgical Robotics "DARS"	962
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-04ER63882 08/14/2008 Nealson	SC-23.2	Genome-Facilitated Analyses of Geomicrobial Processes	560
SOUTHERN CALIFORNIA, UNIV. OF Los Angeles, CA	DE-FG02-04ER63847 06/14/2007 Pohost	SC-23.2	Surgical Robotics Research in Cardiovascular Disease at the Keck Sch of Med at USC, in Neurosurgery at the UAB Sch of Med & Neurosurgery at the Cleveland	0
STANFORD UNIVERSITY Stanford, CA	DE-FG02-06ER46287 08/14/2009 Kivelson	SC-22.22	Properties of Locally Charge Ordered Conductors	124
STANFORD UNIVERSITY Stanford, CA	DE-FG02-04ER46163 04/30/2011 Nix	SC-22.21	Mechanical Properties of Materials with Nanometer Scale Microstructures	180

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
STANFORD UNIVERSITY Stanford, CA	DE-FC02-99ER62873 12/15/2010 Myers	SC-23.2	Genome Improvement at JGI-SHGC	7,961
STANFORD UNIVERSITY Stanford, CA	DE-FG02-01ER63219 06/14/2008 McAdams	SC-23.2	Global Characterization of Genetic Regulatory Circuitry Controlling Adaptive Metabolic Pathways	750
STANFORD UNIVERSITY Stanford, CA	DE-FG02-06ER54897 07/31/2009 Cappelli	SC-24.2	High Density Magnetized Microdischarge Plasmas	100
STANFORD UNIVERSITY Stanford, CA	DE-FG02-04ER41295 12/31/2009 Cabrera, Gratta	SC-25	Stanford Non-Accelerator High Energy Physics Program	1,315
STANFORD UNIVERSITY Stanford, CA	DE-FG02-03ER41276 07/31/2010 Byer	SC-25	Development of High-Gradient Extended Dielectric Based Laser-Driven Particle Accelerator Structures	300
STANFORD UNIVERSITY Stanford, CA	DE-FC02-01ER41177 07/14/2007 Golub	SC-25	Advanced Computing for 21st Century Accelerator Science and Technology	0
STANFORD UNIVERSITY Stanford, CA	DE-FG02-90ER45435 12/31/2009 Osheroff	SC-22.22	Ultra-Low Temperature Properties of Amorphous and Glassy Materials	132
STANFORD UNIVERSITY Stanford, CA	DE-FG02-88ER13857 02/28/2009 Hanson, Bowman	SC-22.11	Kinetics and Spectroscopy of Combustion Gases at High Temperatures	160
STANFORD UNIVERSITY Stanford, CA	DE-FG02-84ER13251 01/14/2011 Fayer	SC-22.1	Nanoconfinement and Interfaces-Water and Proton Dynamics	190
STANFORD UNIVERSITY Stanford, CA	DE-FG02-04ER15511 12/31/2005 Madix	SC-22.12	The Dynamics of Adsorption on Clean and Adsorbate-Modified Transition Metal and Metal Oxide Surfaces	0
STANFORD UNIVERSITY Stanford, CA	DE-FG02-03ER15454 10/31/2009 Borja	SC-22.1	Framework for constitutive branching in porous rocks undergoing brittle faulting and cataclastic flow	101
STANFORD UNIVERSITY Stanford, CA	DE-FG02-03ER15443 08/31/2008 Mudgett	SC-22.13	Biochemical Characterization of the Interaction between Xanthomonas Type III Effector XopN and a Tomato LLR-RLK	48
STANFORD UNIVERSITY Stanford, CA	DE-FG02-03ER15423 02/28/2010 Nur	SC-22.12	Porous Rock with Fluid: Impact of Heterogeneity on Reservoir Transport and Elastic Properties and Application to	0
STANFORD UNIVERSITY Stanford, CA	DE-FG02-03ER15382 12/31/2007 Knight	SC-22.1	Geochemical Controls on Nuclear Magnetic Resonance Measurements	0
STANFORD UNIVERSITY Stanford, CA	DE-FG02-06ER15810 07/31/2009 Bergmann	SC-22.13	Manipulating Signaling in Stomatal Development	130

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
STANFORD UNIVERSITY Stanford, CA	DE-FC02-06ER25787 09/14/2011 Lele	SC-21.1	Simulations of Turbulent Flows With Strong Shocks	900
STANFORD UNIVERSITY Stanford, CA	DE-FG02-06ER25726 03/31/2009 Durlafsky	SC-21.1	Multiscale Analysis and Computation for Flows in Heterogeneous Media	77
STANFORD UNIVERSITY Stanford, CA	DE-FG02-04ER63777 02/28/2007 Shapiro	SC-23.2	Advanced Methods for High-Resolution Imaging of Dynamic Cellular and Subcellular Processes in Complex Bacterial Systems	0
STANFORD UNIVERSITY Stanford, CA	DE-FG02-04ER63763 04/30/2007 Criddle	SC-23.4	Field-Scale Evaluation of Biological Uranium Reduction and Reoxidation in the Near-Source Zone at the NABIR Field	501
STANFORD UNIVERSITY Stanford, CA	DE-FG02-04ER63896 08/14/2009 Arrigo	SC-23.3	Iron Fertilization of the Southern Ocean: Regional Simulation and Analysis of C-Sequestration in the Ross Sea	226
STANFORD UNIVERSITY Stanford, CA	DE-FG02-04ER63891 08/31/2009 Arrigo	SC-23.3	Photosynthetic Characteristics, Carbon Metabolism, and Nutrient Requirements of Phaeocystis Antarctica and Diatoms from	227
STANFORD UNIVERSITY Stanford, CA	DE-FG07-02ER63495 09/14/2005 Brown	SC-23.4	Characterization of U(VI) Sorption-Desorption Processes and Model Upscaling	0
STANFORD UNIVERSITY Stanford, CA	DE-FG02-03ER63680 08/31/2007 Paytan	SC-23.3	Organic Matter Composition, Recycling Susceptibility, and the Effectiveness of the Biological Pump - An Evaluation Using	0
STANFORD UNIVERSITY Stanford, CA	DE-FG02-03ER63609 03/31/2008 Fendorf	SC-23.4	Elucidating Bioreductive Transformations within Physically Complex Media: Impact on the Fate and Transport of Uranium and Chromium	227
STANFORD UNIVERSITY Stanford, CA	DE-FG02-03ER63687 12/31/2005 Gambhir	SC-23.2	Molecular Imaging of Stem Cell Survival, Apoptosis, and Differentiation in Myocardium	0
STANFORD UNIVERSITY Stanford, CA	DE-FG02-06ER64237 05/14/2009 Brown	SC-23.4	Microscopic Controls on the Description/Dissolution of Sorbed U(VI) and their Influence on Reactive Transport	73
STANFORD UNIVERSITY Stanford, CA	DE-FG02-06ER64234 12/31/2008 Fendorf	SC-23.4	Quantification of Hydrological, Geochemical, and Mineralogical Processes Governing the Fate and Transport of	109
STANFORD UNIVERSITY Stanford, CA	DE-FG02-05ER64122 09/14/2008 Matin	SC-23.4	Molecular Mechanisms of Uranium Reduction by Clostridia and its Manipulation	176
STANFORD UNIVERSITY Stanford, CA	DE-FG02-05ER64136 08/31/2010 McAdams	SC-23.2	Dynamic Spatial Organization of Multi-Protein Complexes Controlling Microbial Polar Organization, Chromosome	2,073
STANFORD UNIVERSITY Stanford, CA	DE-FG02-06ER64164 06/30/2007 Paytan	SC-23.3	Organic Matter Composition, Recycling Susceptibility, and the Effectiveness of the Biological Pump - An Evaluation Using NMR Spectra of Marine Plankton	130

Total for CA :

107,453



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CO)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
COLORADO SCHOOL OF MINES Golden, CO	DE-FG02-04ER63900 03/31/2008 Honeyman	SC-23.4	Biogeochemical Cycling and Environmental Stability of Pu Relevant to Long-Term Stewardship of DOE Sites	128
COLORADO SCHOOL OF MINES Golden, CO	DE-FG02-06ER64233 12/14/2009 Honeyman	SC-23.4	Upscaling of Long-Term U(VI) Desorption from Pore Scale Kinetics to Field-Scale Reactive Transport Models	180
COLORADO SCHOOL OF MINES Golden, CO	DE-FG02-06ER15778 04/30/2009 Snieder	SC-22.12	Monitoring the Subsurface with Multiple Scattered Waves and Quasi-Static Deformation	96
COLORADO SCHOOL OF MINES Golden, CO	DE-FG02-03ER15390 10/31/2006 Batzle	SC-22.1	Optical Measurement of Seismic-frequency Attenuation and Velocity Dispersion at In-situ Conditions	0
COLORADO SCHOOL OF MINES Golden, CO	DE-FG02-93ER14363 10/31/2009 Way	SC-22.1	A Mechanistic Study of Inorganic Membranes for Gas Separations	104
COLORADO SCHOOL OF MINES Golden, CO	DE-FG02-95ER14568 10/31/2006 Ely	SC-22.1	Composition Dependence of Fluid Thermophysical Properties: Theory and Modeling	50
COLORADO SCHOOL OF MINES Golden, CO	DE-FG02-93ER40789 03/31/2011 Greife	SC-26.1	Nuclear Structure and Astrophysics with Unstable Beams	255
COLORADO SCHOOL OF MINES Golden, CO	DE-FG02-04ER54775 05/31/2010 Cecil	SC-24.2	Collaboration on Energetic Ion Diagnostics on JET and ITER	30
COLORADO SCHOOL OF MINES Golden, CO	DE-FG02-05ER46242 08/31/2011 Sloan	SC-22.23	Molecular Hydrogen Storage in Novel Clathrate Materials	250
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-01ER63239 09/14/2007 Ullrich	SC-23.2	Genetic Mechanisms of Induced Chromosomal Instability and Their Relationships with Radiation Tumorigenesis	251
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-01ER63235 09/14/2006 Bedford	SC-23.2	Genetic Factors Affecting Susceptibility to Low Dose and Low Dose-Rate Radiation Exposure	164
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-94ER61748 01/31/2009 Stephens, Gabriel, Platt	SC-23.3	Refinement, Validation and Application of Cloud-Radiation Parameterization in a GCM	162
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-93ER40788 12/14/2010 Toki, Harton, Wilson	SC-25	Research in High Energy Physics	676
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-03ER41255 06/30/2011 Fairbank	SC-25	New Technique for Barium Daughter Ion Identification in a Liquid Xe-136 Double Beta Decay Experiment	73
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-96ER14625 03/31/2009 Elliott	SC-22.13	Surface Binding and Organization of Sensitizing Dyes on Metal Oxide Single Crystal Surfaces	140

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CO)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-95ER14558 03/31/2007 Maciel	SC-22.1	Multinuclear Magnetic Resonance Study of Silica and Modified Silicas	0
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-96ER14647 10/31/2011 Lundeen	SC-22.11	Properties of Actinide Ions from Measurements of Rydberg Ion Fine Structure	167
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-03ER15451 08/14/2008 Bush	SC-22.13	Genetic and Molecular Analysis of a New Control Pathway in Assimilate Partitioning	0
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-04ER15556 08/31/2008 Reddy	SC-22.13	Functional analysis of U1-70K interacting SR proteins and regulation of alternative splicing of pre-mRNA in Arabidopsis	119
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-02ER15351 08/14/2007 Dorhout	SC-22.1	Solid State Chemistry of New Actinide Materials	0
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-05ER15750 11/15/2008 Parkinson, Elliott	SC-22.13	A Combinatorial Approach to Realization of Efficient Water Photoelectrolysis	220
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-04ER15591 10/31/2010 Elliott	SC-22.13	Transition Metal Polypyridine Complexes: Studies of Mediation in Dye-Sensitized Solar Cells and Charge Separation in Molecular Assemblies	145
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-04ER15592 12/31/2010 Rocca	SC-22.11	High Harmonic Generation in Discharge-Ionized Plasma Channels	143
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-05ER25699 08/14/2009 Estep	SC-21.1	A Mathematical Analysis of Atomistic-to-Continuum (AtC) Multiscale Coupling Methods	68
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-06ER25724 02/28/2009 Strout	SC-21.1	Representation-Independent Compiler Technology for Domain-Specific Analysis with the Open-Analysis Toolkit	57
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-04ER25620 02/28/2009 Estep	SC-21.1	A Posteriori Analysis of Interface Effects in the Discretization of Multi-Scaled and Multi-Physics Problems by Decomposition Techniques	265
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FC02-06ER64302 08/31/2011 Randall	SC-23.3	Design and Testing of a Global Cloud-resolving Model	819
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-06ER64317 08/31/2009 Denning	SC-23.3	Multi-Year Regional Synthesis of Atmospheric Flux and mixing Ratio Measurements in Support of the North American Carbon Program	124
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-05ER64087 03/31/2009 Zimbrick	SC-23.2	Transgenerational Effects of Chronic Low-Dose Irradiation in a Medaka Fish Model System	335
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-05ER64137 08/31/2007 Bedford	SC-23.2	Effects of SOD Downregulation-Induced Adaptive Response and Bystander Effects	79

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CO)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-06ER64176 01/14/2007 DeMott	SC-23.3	Ice Nuclei and Ice Formation in Arctic Clouds: Observations, Parameterization and Implications from the M-PACE	38
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-04ER63890 08/14/2010 Paul, Paustian	SC-23.3	Ecosystem Controls on C and N Sequestration Following Afforestation of Agricultural Lands	198
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-05ER63946 11/14/2009 Weil, Ullrich	SC-23.2	Radiation Leukemogenesis at Low Dose Rates	276
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-05ER63961 03/31/2008 Austin	SC-23.3	Operational Retrieval of Cloud Microphysical Properties using Combined Measurements by Diverse Instruments	107
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-03ER63645 08/31/2006 Bedford	SC-23.2	Transgenerational Radiation Genetics: A Feasibility Study for the Use of the Japanese Medaka to Investigate Adaptive	47
COLORADO STATE UNIVERSITY Fort Collins, CO	DE-FG02-02ER63370 12/14/2007 Randall	SC-23.3	Further Development and Applications of a Multi-scale Modeling Framework	400
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-03ER63561 05/31/2009 Pincus	SC-23.3	Accounting for Unresolved Variability in Clouds and Water Vapor in Large-Scale Models: Precipitation Rate, Clear-Sky	120
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG07-02ER63491 09/14/2006 Ryan	SC-23.4	Influences of Flow Transients and Porous Medium Heterogeneity on Colloid-Associated Contaminant Transport in the Vadose Zone	0
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-05ER63965 12/14/2010 Shupe	SC-23.3	An Investigation of the Microphysical, Radiative, and Dynamical Properties of Mixed Phase Clouds	30
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-05ER63954 11/30/2010 Matrosov	SC-23.3	Development, Application & Enhancement of Methods to Retrieve & Parameterize Properties of Precipitation Clouds with ARM Vertically-Pointing & Scanning Radars	62
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-05ER63981 12/31/2007 Jimenez	SC-23.3	Characterization of Fine Particulate Matter (PM) and Secondary PM Precursor Gases in the Mexico City Metropolitan Area	71
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-04ER63870 07/31/2007 Tufo	SC-23.3	Improved Transport Processes for CCSM	233
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-06ER64182 01/31/2010 Pincus	SC-23.3	Evaluation and Improvement of the Cloud Resolving Model Component of the Multi-Scale Modeling Framework	104
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-06ER64189 01/31/2009 Ryan	SC-23.4	The Role of Natural Organic Matter and Mineral Colloids in the Transport of Contaminants Through Heterogeneous Vadose-Zone Environments	261
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-05ER64015 02/14/2008 Westwater	SC-23.3	Microwave and Millimeter-Wave Radiometric Studies of Temperature, Water Vapor, and Clouds	165

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CO)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-05ER64024 02/14/2008 Pilewskie	SC-23.3	Retrieval of Cloud Water Path Using Visible and Near-Infrared Remote Sensing	125
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-03ER25574 11/14/2009 Manteuffel	SC-21.1	First-Order System Least Squares, (FOSLS), for Nonlinear Systems Arising from DOE Applications	0
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-05ER25667 03/14/2008 Vasilyev	SC-21.1	Adaptive LES Methodology for Turbulent Flow Simulations	147
COLORADO, UNIVERSITY OF Boulder, CO	DE-FC02-06ER25784 09/14/2011 McCormick	SC-21.1	Towards Optimal Petascale Simulations (TOPS)	180
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-05ER15691 04/14/2009 Nesbitt	SC-22.11	Spectroscopy, Kinetics, and Dynamics of Combustion Radicals	145
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-05ER15711 12/31/2011 Ye	SC-22.11	Cold and Ultracold Molecules - Dipolar Collisions and Anisotropic Quantum Gas	135
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-06ER15779 04/30/2009 Spetzler	SC-22.12	Monitoring the Subsurface with Multiple Scattered Waves and Quasi-Static Deformation	58
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-02ER15346 11/30/2011 Cundiff	SC-22.11	Optical Two-dimensional Spectroscopy of Disorder Semiconductor Quantum Wells and Quantum Dots	153
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-99ER14982 11/14/2011 Kapteyn, Murnane	SC-22.11	Molecular Dynamics Probed by Coherent Electron and X-rays	205
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-99ER14989 02/28/2006 Jin	SC-22.1	Exploring Quantum Degenerate Bose-Fermi Mixtures	0
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-99ER14990 06/30/2009 Holland	SC-22.11	Strongly-Interacting Quantum Gases	150
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-03ER15400 12/14/2006 Fall	SC-22.13	Microbial Production of Isoprene	0
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-04ER41290 11/30/2009 Ford	SC-25	Elementary Particles and High Energy Phenomena, Tasks A, B, C, & T	1,657
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-04ER41301 02/14/2010 Kinney, Peterson	SC-26.1	Intermediate Energy Nuclear Physics	419
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-03ER41244 02/28/2009 Nagle	SC-26.1	Experimental Relativistic Heavy Ion Physics at the University of Colorado at Boulder	225

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CO)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-04ER41317 05/31/2010 Cary	SC-25	Chaotic Dynamics and Advanced Computation for Beams and Accelerators	190
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-93ER40774 01/31/2009 Shepard, Pollock	SC-26.1	Theoretical Nuclear Physics	0
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-03ER46066 01/14/2010 Dessau	SC-22.22	New Techniques for Electronic Structure Studies of Correlated Electron Systems	0
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-06ER54896 07/31/2009 Robertson	SC-24.2	Ionospheric Dusty Plasma in the Laboratory	125
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-04ER54735 12/31/2009 Cary	SC-24.2	Analysis and Direct Numerical Simulation of RF Heating Processes and Advanced Computational Methods for Fusion	126
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-04ER54743 12/31/2007 Barnes	SC-24.2	Validation of Numerical Two-Fluid and Kinetic Plasma Models	49
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-02ER54685 08/14/2009 Goldman	SC-24.2	Nonlinear Structures in 2-D and 3-D Current-Driven Plasmas with Shear	60
COLORADO, UNIVERSITY OF Boulder, CO	DE-FC02-04ER54800 08/14/2007 Parker	SC-24.2	Center for Extended Magnetohydrodynamic Modeling	59
COLORADO, UNIVERSITY OF Boulder, CO	DE-FC02-05ER54816 07/14/2008 Parker	SC-24.2	Center for Gyrokinetic Particle Simulations of Turbulent Transport in Burning Plasmas	195
COLORADO, UNIVERSITY OF Boulder, CO	DE-FC02-06ER54846 01/14/2011 Parker	SC-24.2	SciDAC - Center for Plasma Edge Simulation	120
COLORADO, UNIVERSITY OF Boulder, CO	DE-FG02-05ER54841 08/14/2009 Munsat	SC-24.2	Fundamental Studies of FRC Turbulence	154
REGIS UNIVERSITY Denver, CO	DE-FG02-06CH11424 06/30/2007 Crockett	SC-23	Regis University Science Building Renovation Project for Capital Equipment	770
Total for CO :				12,659

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CT)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CONNECTICUT, UNIVERSITY OF Farmington, CT	DE-FG02-05CH11286 12/31/2007 Cowan	SC-23	Purchase of Live Cell System	289
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-86ER13622 11/30/2009 Suib	SC-22.1	Porpous Nano-sized Transition Metal Oxides: Preparation, Characterization, and Application	120
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-95ER14528 05/14/2009 Torgersen	SC-22.12	Air-Derived Noble Gases in Sediments: Sites and Mechanisms for Trapped Components	31
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-04ER25656 09/14/2007 Olgac	SC-21.1	A New Paradigm for Intelligently Managing the Time Delay	0
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-06ER15805 07/14/2009 Gage	SC-22.13	Signal-transduction networks mediating catabolite repression in the nitrogen-fixing symbiont Sinorhizobium	130
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-05ER15734 10/31/2011 Cote	SC-22.11	Formation of Ultracold Molecules	102
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-04ER41309 04/14/2010 Joo	SC-26.1	Q2 Evolution of Quadrupole Strength of N Delta (1232) Transition	98
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-92ER40716 11/30/2009 Dunne	SC-25	Investigations in Particle and Field Theory	200
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-94ER40870 04/14/2010 Gai	SC-26.1	Studies in Low Energy Nuclear Physics	130
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-00ER45801 11/30/2011 Wells	SC-22.22	Charge Inhomogeneity in Correlated Electron Materials	84
CONNECTICUT, UNIVERSITY OF Storrs, CT	DE-FG02-05ER46184 08/15/2008 Pease	SC-22.22	Study of Phase Separation as Related to the Metal-Insulator for Transition in Chromium Doped V2O3	114
FAIRFIELD UNIVERSITY Fairfield, CT	DE-FG02-01ER41199 05/24/2005 Winn	SC-25	G-2 and CMS Fast Optical Calorimetry	0
YALE UNIVERSITY New Haven, CT	DE-FG02-98ER20311 08/31/2010 Soll	SC-22.13	Selenocysteine: Biosynthesis and Significance for Hydrogen Utilization	130
YALE UNIVERSITY New Haven, CT	DE-FG02-06ER15800 06/30/2009 Johnson	SC-22.11	Understanding the Electron-Water Interaction at the Molecular Level: Integrating Theory and Experiment in the Cluster Regime	100
YALE UNIVERSITY New Haven, CT	DE-FG02-06ER15834 09/14/2009 Schwarz	SC-22.11	Atomic Resolution Imaging and Quantification of Chemical Functionality of Surfaces	183

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CT)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
YALE UNIVERSITY New Haven, CT	DE-FG02-05ER15732 07/14/2009 Pfefferle	SC-22.12	Novel Reforming Catalysts	250
YALE UNIVERSITY New Haven, CT	DE-FG02-05ER15714 01/31/2012 DeMille	SC-22.11	Production and Trapping of Ultracold Polar Molecules	135
YALE UNIVERSITY New Haven, CT	DE-FG02-05ER15741 11/30/2008 Wettlaufer	SC-22.12	Freezing in Porous Media: Phase Behavior, Dynamics and Transport Phenomena	100
YALE UNIVERSITY New Haven, CT	DE-FG02-05ER15646 03/31/2009 Brudvig	SC-22.13	Carotenoid Function in Natural Photosynthetic Systems	119
YALE UNIVERSITY New Haven, CT	DE-FG02-05ER15677 12/31/2011 Tully	SC-22.11	The Role of Electronic Excitations on Chemical Reaction Dynamics at Metal, Semiconductor, and Nanoparticle Surfaces	160
YALE UNIVERSITY New Haven, CT	DE-FG02-91ER40608 12/31/2009 Iachello, Alhassid	SC-26.1	Nuclear Theory	410
YALE UNIVERSITY New Haven, CT	DE-FG02-91ER40609 12/31/2009 Harris	SC-26.1	Nuclear Physics - Experimental Research	3,815
YALE UNIVERSITY New Haven, CT	DE-FG02-96ER14678 11/14/2006 Hartwig	SC-22.1	Chemistry of Complexes with Transition Metal-Heteroatom Bonds: Novel Insertion Chemistry and X-H Bond Activation	160
YALE UNIVERSITY New Haven, CT	DE-FG02-84ER13297 11/30/2011 Crabtree	SC-22.12	Nitrogen-Rich Ligands for Catalytic C-H, N-H and O-H Activation	140
YALE UNIVERSITY New Haven, CT	DE-FG02-88ER13966 11/30/2010 Smooke, Long	SC-22.11	Computational and Experimental Study of Laminar Flames	220
YALE UNIVERSITY New Haven, CT	DE-FG02-01ER15216 10/31/2006 Rye, Bolton, Ague	SC-22.1	Integrated Studies of Coupled Flow, Reaction, and Diffusion in Earth's Crust	0
YALE UNIVERSITY New Haven, CT	DE-FG02-01ER15173 11/14/2007 Berner	SC-22.1	Plants, Weathering, and the Evolution of Atmospheric Carbon Dioxide and Oxygen	129
YALE UNIVERSITY New Haven, CT	DE-FG02-01ER15183 10/31/2010 Haller	SC-22.1	Nanoporous Structured Silica (MCM-41 and SBA-15) Catalysts and Catalyst Supports for C1 Reactions	135
YALE UNIVERSITY New Haven, CT	DE-FG02-98ER14882 07/14/2011 Altman	SC-22.1	Structure-Reactivity Relationships in Multi-Component Transition Metal Oxide Catalysts	145
YALE UNIVERSITY New Haven, CT	DE-FG02-06ER46322 08/14/2009 Pfefferle	SC-22.23	Nanostructures of Boron and Magnesium Diboride for High Temperature Superconductivity and Other 1-D Electronic Properties	250

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (CT)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
YALE UNIVERSITY New Haven, CT	DE-FG02-05ER41394 08/31/2006 Hirshfield	SC-25	University Consortium for Linear Collider R&D - 20-MW Magnicon for ILC	0
YALE UNIVERSITY New Haven, CT	DE-FG02-05ER41391 08/14/2007 Fleming	SC-25	Project Description for a Prototyping Program for Liquid Argon Time Projection Chamber Detectors	25
YALE UNIVERSITY New Haven, CT	DE-FG02-92ER40704 10/31/2010 Tipton	SC-25	High Energy Physics Research, Tasks A, B, C, D, F, G, K and J	2,466
YALE UNIVERSITY New Haven, CT	DE-FG02-06ER64238 05/31/2009 Fedorov	SC-23.3	The Role of the Tropics in Abrupt Climate Changes	250
YALE UNIVERSITY New Haven, CT	DE-FG02-06ER64188 01/31/2009 Saiers	SC-23.4	The Role of Natural Organic Matter and Mineral Colloids in the Transport of Contaminants Through Heterogeneous	289
YALE UNIVERSITY New Haven, CT	DE-FG02-06ER64181 01/31/2009 Nordhaus	SC-23.3	Model Developments for Development of Improved Emissions Scenarios: Developing Purchasing-Power Parity Models, Analyzing Uncertainty & Developing Data Sets ...	91
YALE UNIVERSITY New Haven, CT	DE-FG02-04ER63892 04/14/2009 Smith	SC-23.3	Bridging the Divide: Linking Genomics to Ecosystem Responses to Climate Change	488
Total for CT :				11,488



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (DC)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CATHOLIC UNIVERSITY OF AMERICA Washington, DC	DE-FG02-04ER63814 08/31/2007 Pegg	SC-23.4	Research Program to Investigate the Fundamental Chemistry of Technetium	164
GEORGE WASHINGTON UNIVERSITY Washington, DC	DE-FG02-99ER41110 05/31/2011 Briscoe	SC-26.1	Data Analysis Center for Electromagnetic and Hadronic Scattering Processes	338
GEORGE WASHINGTON UNIVERSITY Washington, DC	DE-FG02-95ER40901 12/31/2011 Berman	SC-26.1	A Program in Medium Energy Nuclear Physics	150
GEORGE WASHINGTON UNIVERSITY Washington, DC	DE-FG02-95ER40907 01/31/2010 Lee	SC-26.1	Structure and Dynamics of Hadrons and Light Nuclei	104
GEORGE WASHINGTON UNIVERSITY Washington, DC	DE-FG02-06ER41422 03/31/2009 Feldman	SC-26.1	Low-Energy Photonuclear Studies at HIGS and Lund	118
GEORGE WASHINGTON UNIVERSITY Washington, DC	DE-FG02-01ER15129 01/14/2010 Vertes	SC-22.1	Nanostructured Substrates and Imaging Applications of Soft Laser Desorption Ionization	110
GEORGE WASHINGTON UNIVERSITY Washington, DC	DE-FG02-93ER14320 07/31/2007 Montaser	SC-22.12	New High-Temperature Plasmas and Sample Introduction Systems for Analytical Atomic Emission and Mass Spectrometry	0
HOWARD UNIVERSITY Washington, DC	DE-FG02-94ER40854 05/31/2009 Hubsch	SC-25	Superstrings and Quantum Superfields	40
HOWARD UNIVERSITY Washington, DC	DE-FG02-97ER25341 09/14/2007 Sadosky	SC-21.1	Perturbation Theory, Scattering Systems, Interpolation and Control	107
Total for DC :				1,131

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (DE)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-06CH11383 01/14/2008 Rich	SC-23	University of Delaware Medical Research Equipment and Instrumentation	529
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-84ER13290 03/14/2009 Barteau	SC-22.1	Promoter Effects on Surface Oxametallacycles Chemistry and the Rational Design of Olefin Epoxidation Catalysts	155
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-92ER14273 08/31/2009 Theopold	SC-22.1	Catalysis of Small Molecule Activation by Proton Coupled Electron Transfer	130
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-00ER15104 11/14/2009 Chen	SC-22.12	Structure-Property Relationship in Metal Carbides and Bimetallic Alloys	115
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-04ER15541 05/31/2009 Green	SC-22.13	Regulated mRNA Decay in Arabidopsis: A global analysis of differential control by hormones and the circadian clock	120
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-03ER15468 09/14/2009 Lobo, Barteau	SC-22.12	Catalysis Science Initiative: From First Principles Design to Realization of Bimetallic Catalysts for Enhanced Selectivity	882
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-05ER15688 08/14/2011 Chen	SC-22.12	Dedicated Beamline for Catalytic Research	10
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-06ER15795 06/30/2009 Vlachos	SC-22.12	An Integrated Approach Toward Rational Nanocatalyst Design for Hydrogen Production	320
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-05ER25702 08/14/2009 Vlachos	SC-21.1	Multiscale Modeling of Spatially Distributed Biological Systems	362
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-04ER25642 09/14/2007 Swany	SC-21.1	PHOEBUS: An Architecture for Next-Generation Network Computing	99
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-91ER40626 01/31/2012 Shafi	SC-25	Particle Theory and Cosmology	410
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-84ER40163 02/28/2007 Leung	SC-25	Elementary Particle Theory	50
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-98ER54490 03/14/2006 Matthaeus	SC-24.2	Turbulent Magnetohydrodynamic Acceleration Processes: Theory SSX Experiments and Connections to Space and Astrophysics	0
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-97ER62479 09/14/2008 Kirchman	SC-23.3	Cycling of DOC and DON by Novel Heterotrophic and Photoheterotrophic Bacteria in the Ocean	117
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-06ER54853 11/30/2009 Matthaeus, Mitchell	SC-24.2	Experimental Studies of Self Organization with Electron Plasmas	59

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (DE)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-03ER46038 02/14/2012 Glyde	SC-22.21	Neutron Scattering Studies of Classical and Quantum Fluids in Nanoporous Media	149
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-90ER45413 06/18/2010 Hadjipanayis	SC-22.22	Studies of Artificially Structured Composite Magnets	65
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-00ER45800 05/31/2007 Buttrey	SC-22.22	Charge Inhomogeneity in Correlated Electron Systems	102
DELAWARE, UNIVERSITY OF Newark, DE	DE-FG02-06ER64246 12/31/2008 Veron	SC-23.3	Application of Stochastic Radiative Transfer Theory to the ARM Cloud-Radiative Parameterization Problem	123
Total for DE :				3,797

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (FL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
BARRY UNIVERSITY, INC. Miami Shores, FL	DE-FG02-06CH11438 08/30/2008 Frei, Wheeler	SC-23	Research Facilities and Instrumentation Initiative	289
CENTRAL FLORIDA, UNIVERSITY OF Orlando, FL	DE-FG02-04ER63916 09/30/2008 Yeh	SC-23.4	Reaction-Based Transport Modeling of Iron Reduction and Uranium Immobilization at Area 2 of the NABIR Field Research Center	66
CENTRAL FLORIDA, UNIVERSITY OF Orlando, FL	DE-FG02-06CH11446 07/31/2009 Cronan, Richardson	SC-23	X-Ray Photonics Facility	674
ECKERD COLLEGE St. Petersburg, FL	DE-FG02-04CH11244 01/31/2010 Mets	SC-23	Eckerd College Science Center	481
FLORIDA A&M UNIVERSITY Tallahassee, FL	DE-FG02-96ER40998 07/31/2009 Williams	SC-25	Electron Beam Transport in Advanced Plasma Wave Accelerators	100
FLORIDA A&M UNIVERSITY Tallahassee, FL	DE-FG02-03ER54725 08/14/2009 Appartaim	SC-24.2	Dynamics of X-pinch Powered by a Capacitor Bank	99
FLORIDA A&M UNIVERSITY Tallahassee, FL	DE-FG02-97ER54417 03/31/2010 Johnson	SC-24.2	Turbulent Transport Diagnostics for Fusion Plasmas	154
FLORIDA A&M UNIVERSITY Tallahassee, FL	DE-FG02-03ER63678 08/31/2007 Cherrier	SC-23.3	Diatom Photorespiration and Microbial C/N Cycling in the Upper Ocean: An Integrated Molecular and Biochemical Approach	0
FLORIDA INSTITUTE OF TECH. Melbourne, FL	DE-FG02-03ER41264 05/31/2009 Baarmand	SC-25	Experimental Investigation of Hadron Collisions at the Highest Center-of-Mass Energies	274
FLORIDA INTERNATIONAL UNIV. Miami, FL	DE-FG02-01ER41172 04/14/2010 Sargsian	SC-26.1	Theoretical Studies of High Energy Electronuclear Processes	50
FLORIDA INTERNATIONAL UNIV. Miami, FL	DE-FG02-99ER41065 01/31/2011 Reinhold, Boeglin, Markowitz, Raue	SC-26.1	Nuclear Physics Research at Jefferson Lab	375
FLORIDA INTERNATIONAL UNIV. Miami, FL	DE-FG02-04ER46125 03/31/2008 Zhang	SC-22.21	Research and Training of Using Neutron Scattering to Probe the Collective Phenomena in Doped Transition-Metal Oxides	74
FLORIDA INTERNATIONAL UNIV. Miami, FL	DE-FG02-04ER15570 10/31/2010 Mebel	SC-22.11	Theoretical studies of chemical reactions related to the formation and growth of polycyclic aromatic hydrocarbons and molecular properties of their key intermed	90
FLORIDA INTERNATIONAL UNIV. Miami, FL	DE-FG02-06ER25739 08/14/2009 Rangaswami	SC-21.1	QoS-Enabled, High-Performance Storage Systems for Data-Intensive Scientific Computing	100
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-05ER25698 08/14/2009 Gunzburger	SC-21.1	A Mathematical Analysis of Atomistic-to-Continuum (AtC) Multiscale Coupling Methods	126

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (FL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG07-99ER15023 09/14/2005 Choppin	SC-23.4	The Aqueous Thermodynamics and Complexation Reactions of Anionic Silica and Uranium Species to High Concentration	0
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-96ER14618 06/30/2009 Choppin	SC-22.12	Research in Actinide Chemistry	0
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-00ER62986 02/28/2007 Kostka	SC-23.4	Biostimulation of Iron Reduction and Uranium Immobilization: Microbial and Mineralogical Controls	126
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG07-01ER63222 08/31/2003 Choppin	SC-23.4	Chemical Speciation of Sr, Am and Cm in High Level Waste: Predictive Modeling of Phase Partitioning During Tank Processing	0
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-06ER54881 06/30/2011 Lee	SC-24.2	Understanding and Development of High Field Superconductors for Fusion	100
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-97ER41022 12/31/2011 Prosper, Owens	SC-25	High Energy Physics	1,112
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-96ER40952 01/31/2011 Van Sciver	SC-25	Liquid Helium Fluid Dynamics Studies	205
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-92ER40735 10/31/2010 Eugenio	SC-26.1	Experimental Hadronic Nuclear Physics	171
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-92ER40750 03/14/2010 Piekarewicz	SC-26.1	From Quarks to the Cosmos	176
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-02ER41220 07/14/2011 Wiedenhoever	SC-26.1	Spectroscopy of Resonances in the Astrophysical rp-Process Path	58
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-06ER41450 08/31/2008 Lee	SC-25	Magnetic Investigation of High Purity Niobium for Superconduction RF Cavities	64
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-98ER45707 08/14/2010 Schlottmann	SC-22.22	Strongly Correlated Electrons	50
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-97ER45639 01/31/2011 Bonesteel	SC-22.22	Correlated Electrons in Reduced Dimensions	55
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-02ER63338 01/31/2011 Ellingson	SC-23.3	Development, Validation and Testing of 3-D Longwave Cloud Parameterizations for General Circulation Models	299
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-03ER63526 11/30/2008 Liu	SC-23.3	Determination of Large-Scale Cloud Ice Water Concentration by Combining Surface Radar and Satellite Data in Support of ARM	100

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (FL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-05ER63987 08/31/2009 Balkwill	SC-23.4	Investigating In Situ Bioremediation Approaches for Sustained Uranium Immobilization Independent of Nitrate Reduction	60
FLORIDA STATE UNIVERSITY Tallahassee, FL	DE-FG02-05ER63950 11/14/2007 Kostka	SC-23.4	An Integrated Assessment of Geochemical and Community Structure Determinants of Metal Reduction Rates in Subsurface	89
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-05ER64003 07/14/2006 Hanrahan	SC-23.4	The Influence of Radiation on Pit Solution Chemistry as it Pertains to the Transition from Metastable to Stable Pitting in Steels	0
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-04ER63845 06/14/2007 Davis	SC-23.2	Genome-Enabled Discovery of Carbon Sequestration Genes in Poplar	0
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG07-01ER63299 09/14/2004 Hanrahan	SC-23.4	The Influence of Radiation on Pit Solution Chemistry as it Pertains to the Transition from Metastable to Stable Pitting in Steels	0
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-97ER45660 11/30/2008 Cheng	SC-22.22	Interfacial Phenomena in Noble Metal-C60 Interaction	63
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-99ER45748 01/31/2011 Andraka	SC-22.22	Novel States of matter in filled skutterudites and related materials	90
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-86ER45268 11/30/2009 Stewart	SC-22.22	Novel Strongly Correlated f- Electron Materials	107
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-02ER45984 05/14/2009 Tanner	SC-22.22	Time-resolved Far-infrared Spectroscopy of Superconductors and Spintronic Systems	125
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-02ER45995 11/30/2011 Cheng	SC-22.22	A Computational Approach to Complex Junctions and Interfaces	195
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-97ER41029 02/28/2010 Yelton	SC-25	High Energy Experimental and Theoretical Research	1,598
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-05ER46247 08/31/2011 Chan	SC-22.22	Collective behaviors of the Casimir force in micromechanical systems	104
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-05ER46236 08/31/2011 Hirschfeld	SC-22.22	Surfaces and Interfaces of Cuprate Superconductors and other Complex Oxides	99
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-98ER14853 05/31/2009 Ladd	SC-22.12	Pore-Scale Simulations of Dissolution Breakthrough in Rough Fractures	107
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-99ER14960 08/31/2008 Winefordner	SC-22.1	Atomic Emission Absorption and Fluorescence in the Laser Induced Plasma	125

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (FL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-03ER15484 03/14/2010 Schanze, Kleiman, Reynolds	SC-22.1	Conjugated Polyelectrolytes: Disrupted Interactions, Self-Assembled Structures and Hybrid Polymer Solar Photoconversion	270
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-03ER15478 08/31/2009 Weaver	SC-22.1	Non-Thermal Reactions of Gas-Phase Oxygen Atoms with Atoms Absorbed on Transition Metal Surfaces	145
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-96ER20222 06/30/2009 Ingram	SC-22.13	Genetic Improvement of Escherichia coli for Production of Fuel Ethanol and L-Lactate	130
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-97ER20264 04/30/2007 McCarty	SC-22.13	Genetic Control of ABA Synthesis in Arabidopsis	49
FLORIDA, UNIVERSITY OF Gainesville, FL	DE-FG02-05ER15650 07/14/2011 Maupin-Furlow	SC-22.13	Proteasomes and Post-translational Modification of Haloferax volcanii Proteins	120
MIAMI, UNIVERSITY OF Miami, FL	DE-FG02-05ER64035 04/14/2009 Soden	SC-23.3	Testing Climate Model Simulations of Tropical Cirrus Lifecycles: A Lagrangian Analysis Using ARM Data	103
MIAMI, UNIVERSITY OF Miami, FL	DE-FG02-06ER64265 06/30/2007 Worden	SC-23.2	Participant & Training Support for Gordon Research Series Conference on Marine Microbes: Activities and Interactions	5
MIAMI, UNIVERSITY OF Miami, FL	DE-FG02-05ER63962 12/31/2008 Albrecht	SC-23.3	Development and Evaluation of Boundary Layer Cloudiness Parameterization Using ARM Observations	130
ROLLINS COLLEGE Winter Park, FL	DE-FG02-96ER54367 08/31/2009 Griffin	SC-24.2	Theory of Electron-Ion Collisions	44
SOUTH FLORIDA, UNIVERSITY OF Tampa, FL	DE-FG02-06ER46297 07/14/2009 Woods	SC-22.22	Theoretical Studies of Carbon Nanotube Interactions	85
SOUTH FLORIDA, UNIVERSITY OF Tampa, FL	DE-FG02-04ER46145 06/14/2011 Nolas	SC-22.23	A Fundamental Study of Bulk and Thin Film Type II Clathrate Materials	121
ST. THOMAS UNIVERSITY Miami Gardens, FL	DE-FG02-05CH11262 10/31/2007 Bachrach	SC-23	Minority Science Center	385
Total for FL :				9,817

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (GA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CLARK ATLANTA UNIVERSITY Atlanta, GA	DE-FG02-02ER25515 12/31/2008 Mickens	SC-21.1	Mathematical and Numerical Studies of Nonstandard Difference Equation Models of Differential Equations	118
EARTH UNIVERSITY FOUNDATION Atlanta, GA	DE-FG02-04ER63856 06/30/2007 Hernandez	SC-23.2	A Systems Approach to Sustainable Development in Rural Communities in the Parisminia Watershed, Guacimo, Limon, Costa Rica	0
EMORY UNIVERSITY Atlanta, GA	DE-FG02-05ER25696 08/14/2009 Haber	SC-21.1	Applied Mathematics Research: Simulation Based Optimization and Application to Electromagnetic Inverse Problems	99
EMORY UNIVERSITY Atlanta, GA	DE-FG02-06ER25729 07/31/2009 Sunderam	SC-21.1	The Harness Workbench: Unified and Adaptive Access to Diverse HPC Platforms	154
EMORY UNIVERSITY Atlanta, GA	DE-FG02-02ER15377 06/14/2011 Lynn, Conticello	SC-22.13	Engineering Functional Scaffolds by Supramolecular Self-Assembly	150
EMORY UNIVERSITY Atlanta, GA	DE-FG02-01ER15153 08/14/2010 Heaven	SC-22.12	Spectroscopic and Theoretical Studies of Prototype Actinide Compounds	125
EMORY UNIVERSITY Atlanta, GA	DE-FG02-98ER14918 04/30/2009 Lian	SC-22.1	Ultrafast Interfacial Electron Transfer on Nanocrystalline Thin Films and Single Crystal Surfaces	135
EMORY UNIVERSITY Atlanta, GA	DE-FG02-03ER15461 09/14/2009 Musaev	SC-22.12	Principles of Selective O <sub>2</sub> -Based Oxidation by Optimal (Multinuclear) Catalytic Sites	312
EMORY UNIVERSITY Atlanta, GA	DE-FG02-97ER14782 10/31/2009 Bowman	SC-22.11	Theoretical Studies of Combustion Dynamics	105
EMORY UNIVERSITY Atlanta, GA	DE-FG02-97ER14784 04/30/2008 Heaven, Lin	SC-22.1	Kinetics of Elementary Processes Relevant to Incipient Soot Formation	65
S INST., INC., MEDICAL COL. OF Augusta, GA	DE-FG02-03ER63649 12/14/2008 Dynan	SC-23.2	Mechanisms and Pathways Controlling Genomic Instability In Vivo	187
STATE UNIV. RES. FOUND., INC. Atlanta, GA	DE-FG02-01ER15213 10/31/2010 Stockman	SC-22.1	Novel Nanoplasmonics Theory: Energy Transformation Processes at the Nanoscale in Ultrafast and Strong Laser Fields	95
STATE UNIV. RES. FOUND., INC. Atlanta, GA	DE-FG02-03ER15486 11/14/2009 Stockman	SC-22.11	Computational Nanophotonics: Modeling Optical Interactions and Transport in Tailored Nanosystem Archtitectures	90
STATE UNIV. RES. FOUND., INC. Atlanta, GA	DE-FG02-03ER15428 10/31/2009 Manson	SC-22.1	Ionization of Free and Confined Atoms and Ions	34
STATE UNIV. RES. FOUND., INC. Atlanta, GA	DE-FG02-98ER41068 03/31/2011 He	SC-26.1	Research in Heavy Ion Nuclear Reactions	137



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (GA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-96ER40958 02/14/2011 Wood	SC-26.1	Nuclear Structure Research	138
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-86ER45234 11/30/2009 Landman	SC-22.22	Structure and Dynamics of Material Surfaces, Interphase-Interfaces and Finite Aggregates	0
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-85ER45194 08/31/2010 Tolbert	SC-22.23	The Organic Chemistry of Conducting Polymers: From Molecular Wires to Photovoltaics	175
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-97ER45632 12/31/2009 Chou	SC-22.22	First-Principles Investigation of Complex Materials Properties	30
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-96ER45562 06/14/2006 Bozeman	SC-22.22	Assessing Economic and Social Impacts of Basic Research	0
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-03ER46035 08/14/2010 Gerhardt	SC-22.21	Microstructural Evolution Detection in Metallic Alloys Using Scattering and Electrical Methods	141
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-01ER54656 01/31/2010 Yoda	SC-24.2	Advanced Design Studies	100
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-01ER63198 08/31/2011 Dickinson	SC-23.3	Systematic Development of a Sub-Grid Scaling Framework to Improve Land Simulation	244
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-96ER54350 05/31/2007 Stacey	SC-24.2	Near-Term Fusion Neutron Source Applications	40
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-99ER54538 03/31/2011 Stacey	SC-24.2	Collaborative Analysis of DIII-D	126
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-06ER46293 07/31/2010 Riedo	SC-22.22	NanoMechanics: Elasticity and Friction in Nano-Objects	130
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-06ER46311 08/31/2009 Pustilnik	SC-22.22	Manifestations of Quantum Phase Transitions in Transport Through Nanosystems	125
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-06ER46343 11/30/2009 Zhang	SC-22.23	Thermal Emission Control Using Modified One-Dimensional Photonic Crystals	136
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-05ER46229 08/31/2011 Chou	SC-22.22	First-Principles Studies of Phase Stability and Reaction Dynamics in Complex Metal Hydrides	150
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-06ER46281 03/31/2009 Davidovic	SC-22.22	Spin Polarized Electron Transport Through Aluminum Nanoparticles	117

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (GA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-04ER46141 05/14/2010 Bunz	SC-22.23	Hyperbranched Conjugated Polymers and Their Nanodot Composites as Universal Bioinspired Architectures	164
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-04ER46170 08/31/2009 Zangwill	SC-22.22	Spin-Torque in Systems with Inhomogeneous Magnetization	80
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-03ER15459 09/14/2009 Jones	SC-22.12	Developing the Science of Immobilized Molecular Catalysts	740
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-04ER15510 12/14/2011 Koros	SC-22.12	Robust Crosslinked Polyimide Membrane Materials for Natural Gas Separations	119
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-01ER15220 02/28/2006 Liu	SC-22.1	Nano-structured Electrodes for Lithium Batteries	0
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-02ER15337 10/31/2011 Orlando	SC-22.1	Low-Energy Electron Interactions with Liquid Interfaces and Biological Targets	170
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-97ER14799 05/31/2009 El-Sayed	SC-22.1	Time Resolved Optical and Thermal Studies and the Proton Pump Mechanism of Bacteriorhodopsin: The Effect and	159
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-06ER15837 09/14/2009 Liu	SC-22.12	Understanding the Interfacial Structures - Chemistry Relationships in Solid Oxide Fuel Cells (SOFC)	140
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-03ER25567 12/14/2005 Mucha	SC-21.1	Model Interacting Particle Systems for Simulation and Macroscopic Description of Particulate Suspensions	-123
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-05ER25690 08/14/2009 Lee	SC-21.1	Toward Highly Secure and Autonomic Computing systems: A Hierarchical Approach	99
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-03ER63539 12/14/2008 Curry	SC-23.3	A Coordinated Effort to Improve Parameterization of High Latitude Cloud and Radiation Processes	158
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-04ER63718 07/31/2007 Loeffler	SC-23.4	Towards a More Complete Picture: Dissimilatory Metal Reduction by Anaeromyxobacter Species	188
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-04ER63785 03/14/2008 Bao	SC-23.2	Probing Single Microbial Proteins and Multi-Protein Complexes with Bioconjugated Quantum Dots	724
GEORGIA TECH RESEARCH CORP Atlanta, GA	DE-FG02-04ER63906 10/31/2009 Sobecky	SC-23.4	Promoting Uranium Immobilization by the Activities of Microbial Phosphatases	206
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-04ER63893 08/14/2008 Bradford	SC-23.3	Heterotrophic Soil Respiration in Warming Experiments: Using Microbial Indicators to Partition Contributions from Labile and	379

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (GA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-02ER63472 08/31/2006 Yager	SC-23.3	The Impact of Enhanced Nitrogen Fixation on Carbon Sequestration: A Reassessment of the Inorganic Carbon System in LNLC Regions	0
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-06ER64321 08/31/2009 Leclerc	SC-23.3	A Carbon Flux Super Site: New Insights and Innovative Atmosphere-Terrestrial Carbon Exchange Measurements and Modeling	299
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-06ER64166 05/31/2009 Meagher	SC-23.4	Phytoremediation of Ionic and Methylmercury Pollution	300
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-05ER64121 09/14/2009 Seaman	SC-23.4	Molecular Mechanism of Bacterial Attachment to Fe(III)-Oxide Surfaces	221
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-05ER64018 07/31/2007 Bertsch	SC-23.4	Linking Chemical Speciation, Desorption Kinetics & Bioavailability of U & Ni in Aged-Contaminated Sediments: A Scientific Basis for Natural Attenuation & . . .	0
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-95ER20175 04/14/2011 Adams	SC-22.13	Hypothermophilic Multiprotein Complexes and Pathways for Energy Conservation and Catalysis	140
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-97ER20269 08/14/2007 Whitman	SC-22.13	Biochemistry and genetics of autotrophy in Methanococcus	50
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-97ER20275 06/14/2008 Momany	SC-22.13	Identification of Novel Cell Wall Components	62
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-96ER20221 06/14/2009 Bergmann, Albersheim	SC-22.13	Structures and Functions of Oligosaccharins	165
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-99ER20336 09/14/2007 Dean	SC-22.13	Localization and Function of Two Multicopper Oxidases in Arabidopsis thaliana	0
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-05ER15710 08/31/2011 Adams	SC-22.13	Fundamental Studies of Recombinant Hydrogenases	270
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-05ER15632 12/31/2006 Shelnutt	SC-22.12	Growth of Metal and Semiconductor Nanostructures using Localized Photocatalysts	0
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-01ER15226 05/31/2007 Schaefer	SC-22.1	Next Generation, Explicitly Correlated Electronic Structure Methods	80
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-03ER15415 08/14/2009 Ye	SC-22.13	Secondary Wall Formation in Fiber Cells	130
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-96ER14658 11/14/2011 Duncan	SC-22.11	Transition Metal-Molecular Interactions Studied with Cluster Ion Infrared Spectroscopy	132

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (GA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-97ER14748 07/14/2009 Schaefer	SC-22.1	Theoretical Studies of Elementary Hydrocarbon Species and Their Reactions	115
GEORGIA, UNIV. OF RES. FOUND. Athens, GA	DE-FG02-05ER46251 08/31/2009 Zhao	SC-22.21	Integrated Nanoscale Metal Hydride- -Catalyst Architectures for Hydrogen Storage	500
MERCER UNIVERSITY Macon, GA	DE-FG02-04CH11189 03/30/2007 Goddard	SC-23	Architectural, Engineering and Construction Costs: Critical Personnel Development Program Mercer University	722
SCATTERING SOCIETY OF AMERICA Atlanta, GA	DE-FG02-06ER46301 06/14/2007 Wilkinson	SC-22.21	The American Conference on Neutron Scattering 2006 (June 18-22, 2006 - St. Charles, IL)	25
H GEORGIA COLLEGE & STATE UNIV Dahlonega, GA	DE-FG02-97ER41046 02/28/2009 Prior	SC-26.1	Radiative Capture and Gamma-Induced Reactions at Low Energies	90
Total for GA :				9,962

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (HI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
HAWAII, UNIVERSITY OF Honolulu, HI	DE-FG02-06ER41424 08/31/2007 Varner	SC-25	Development of a Photodetector Read Out Monolithic Precision Timing (PROMPT) Device	37
HAWAII, UNIVERSITY OF Honolulu, HI	DE-FG02-04ER41291 11/30/2009 Olsen, Tata	SC-25	Research in High Energy Physics	1,620
HAWAII, UNIVERSITY OF Honolulu, HI	DE-FG02-05ER41387 08/14/2009 Parker	SC-25	ADR: Fabrication and Testing of 3D Active-Edge Silicon Sensors: High Speed, High Yield	22
HAWAII, UNIVERSITY OF Honolulu, HI	DE-FG02-06ER15770 03/31/2010 Wang	SC-22.13	Production and Engineering of Hydrogenase as a Biocatalyst for Hydrogen Fuel	308
HAWAII, UNIVERSITY OF Honolulu, HI	DE-FG02-03ER15395 07/14/2007 Christopher	SC-22.13	Defining the Subcellular Locations and Biochemical Functions of Cyclic Nucleotide-Gated Channels in Plants	49
HAWAII, UNIVERSITY OF Honolulu, HI	DE-FG02-03ER15411 07/14/2009 Kaiser	SC-22.11	Probing the Reaction Dynamics of Hydrogen-Deficient Hydrocarbon Molecules and Radical Intermediates via Crossed	128
HAWAII, UNIVERSITY OF Honolulu, HI	DE-FG02-04ER63862 09/14/2008 Schneider	SC-23.3	Predictability and Diagnosis of Low-Frequency Climate Processes in the Pacific	61
HAWAII, UNIVERSITY OF Honolulu, HI	DE-FG02-06ER64293 08/31/2007 Wang	SC-23.3	Sensitivity of MJO to the CAPE Iapse Time in the NCAR CAM3	25
HAWAII, UNIVERSITY OF Honolulu, HI	DE-FG02-06ER64077 11/14/2008 Zeebe	SC-23.3	The Future of Marine Calcification: Forecasting Global Carbon Fluxes and Atmospheric CO2 Concentrations	207
Total for HI :				2,457

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
COE COLLEGE Cedar Rapids, IA	DE-FG02-06CH11389 12/30/2006 White, Meisterling	SC-23	Research Equipment Purchase and Renovations in Stuart Hall	289
DUBUQUE, UNIVERSITY OF Dubuque, IA	DE-FG02-04CH11197 03/31/2007 Steiner, Wagner	SC-23	Renovation and Expansion of the Environmental Science Center	674
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-87ER40371 06/14/2011 Vary, Qiu	SC-26.1	Intermediate/High Energy Nuclear Physics	203
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-05ER25677 08/14/2009 Wang	SC-21.1	High-Order Spectral Volume Method for the Navier-Stokes Equations on Unstructured Tetrahedral Grids	121
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-03ER25550 08/14/2007 Subramaniam	SC-21.1	Developing New Mathematical Models for Multiphase Flows Based on a Fundamental Probability Density Function Approach	0
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-94ER20147 08/31/2010 Rodermel	SC-22.13	Regulation of chloroplast biogenesis: the immutans mutant of Arabidopsis	0
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-05ER15706 07/31/2009 James	SC-22.13	Regulation of Starch Biosynthesis in Maize Kernels: Function of Starch Synthase III	120
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-01ER15170 07/31/2008 Nikolau	SC-22.13	Acetyl-CoA: the precursor for high-energy phytochemicals	130
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-92ER40692 11/14/2009 Hill	SC-26.1	Relativistic Heavy Ion Physics	546
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-01ER41155 10/31/2009 Krennrich, Cochran	SC-25	Investigations in Experimental and Theoretical High Energy Physics	1,123
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-04ER63868 07/31/2008 Wu	SC-23.3	Evaluating the Representation and Impact of Convective Momentum Transport in CCSM Atmosphere Model	127
IOWA STATE UNIVERSITY Ames, IA	DE-FG02-01ER63250 03/14/2011 Gutowski	SC-23.3	Collaborative Research: Continuous Dynamic Grid Adaptation in a Global Atmospheric Model: Application and Refinement	192
IOWA, UNIVERSITY OF Iowa City, IA	DE-FG02-05ER64050 01/14/2009 Spitz	SC-23.2	Mitochondrial-Derived Oxidants and Cellular Responses to Low Dose/Low LET Ionizing Radiation	336
IOWA, UNIVERSITY OF Iowa City, IA	DE-FG02-06ER41415 05/31/2009 Onel	SC-26.1	Forward Angle Physics at CMS	130
IOWA, UNIVERSITY OF Iowa City, IA	DE-FG02-06ER54890 07/31/2009 Kletzing	SC-24.2	Collaborative Research: Laboratory Investigation of Alfvénic Field Line Resonances and Electron Acceleration	162

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
IOWA, UNIVERSITY OF Iowa City, IA	DE-FG02-06ER54893 07/31/2009 Scudder	SC-24.2	Role of Electron Kinetic Effect on the Macroscopic Structure and Evolution of Collisionless Reconnection in Simulations with Open Boundary Conditions	100
IOWA, UNIVERSITY OF Iowa City, IA	DE-FG02-04ER54795 08/14/2010 Merlino	SC-24.2	Basic Laboratory Studies of Shear Driven Ion Cyclotron Waves and Dusty Plasmas with Positively Charged Particles	214
IOWA, UNIVERSITY OF Iowa City, IA	DE-FG02-99ER54543 06/30/2009 Skiff	SC-24.2	Linear and Nonlinear Phenomena in Weakly Collisional Plasma	193
IOWA, UNIVERSITY OF Iowa City, IA	DE-FG02-00ER54607 08/14/2009 Goree	SC-24.2	Strongly-Coupled Dusty Plasmas	200
IOWA, UNIVERSITY OF Iowa City, IA	DE-FG02-86ER40286 05/31/2010 Polyzou	SC-26.1	Relativistic Few-Body Hadronic-Physics Calculations	117
IOWA, UNIVERSITY OF Iowa City, IA	DE-FG02-91ER40664 02/28/2010 Mallik	SC-25	High Energy Physics	579
NORTHERN IOWA, UNIVERSITY OF Cedar Falls, IA	DE-FG02-03CH11148 12/31/2009 Pilkington	SC-23	University of Northern Iowa Business and Community Services Building - Phase II Design and Construction	962
Total for IA :				6,518

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (ID)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
IDAHO STATE UNIVERSITY Pocatello, ID	DE-FG02-06ER15824 08/31/2009 Magnuson	SC-22.12	Redox Interactions of Cytochromes and Bacteria With Oxide Surfaces: Probing Redox-Linked Conformational Change	88
IDAHO STATE UNIVERSITY Pocatello, ID	DE-FG02-04ER46142 08/14/2010 Rodriguez	SC-22.21	Incorporation of Novel Nanostructured Materials into Solar Cells and Nanoelectronic Devices	415
IDAHO STATE UNIVERSITY Pocatello, ID	DE-FG02-04ER63626 05/14/2008 Magnuson	SC-23.4	Comparative Biochemistry and Physiology of Iron-Respiring Bacteria From Acidic and Neutral pH Environments	194
IDAHO, UNIVERSITY OF Moscow, ID	DE-FG07-02ER63486 09/14/2006 Smith	SC-23.4	Co-precipitation Trace Metals in Groundwater & Vadose Zone Calcite: In Situ Containment & Stabilization of Stronthium-90 & Other Divalent Metals &	0
IDAHO, UNIVERSITY OF Moscow, ID	DE-FG02-03ER63567 01/14/2007 Smith	SC-23.4	Coupled Flow and Reactivity in the Variably Saturated Porous Media	0
IDAHO, UNIVERSITY OF Moscow, ID	DE-FG07-02ER63499 09/14/2005 Nicholl	SC-23.4	Advanced Conceptual Models for Unsaturated and Two-Phase Flow in Fractured Rock	-86
IDAHO, UNIVERSITY OF Moscow, ID	DE-FG02-06ER64198 11/30/2009 Crawford	SC-23.4	Coupled Biogeochemical Process Evaluation for Conceptualizing Trichloroethylene Co-metabolism	190
IDAHO, UNIVERSITY OF Moscow, ID	DE-FG02-06ER64244 02/28/2009 Smith	SC-23.4	Coupling Between Flow and Precipitation in Heterogeneous Subsurface Environments and Effects on Contaminant Fate and Transport	90
IDAHO, UNIVERSITY OF Moscow, ID	DE-FG02-03ER41270 07/31/2009 Sammarruca	SC-26.1	The Nuclear Equation of State: a Broad View from Terrestrial and Astrophysical Systems	45
IDAHO, UNIVERSITY OF Moscow, ID	DE-FG02-03ER46034 03/31/2007 Wood	SC-22.23	The Effect of Organic Ligands on the Sorption of Neodymium, Gadolinium and Uranium onto Nontronite and Geothite	0
IDAHO, UNIVERSITY OF Moscow, ID	DE-FG02-06ER15777 04/30/2009 Qiang	SC-22.12	Reaction Specificity of Nanoparticles in Solution: Application to the Reaction of Nanoparticulate Iron & Iron-Bimetal	53
Total for ID :				989



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
BENEDICTINE UNIVERSITY Lisle, IL	DE-FG02-06CH11386 09/30/2007 Taylor	SC-23	Science Lab Equipment Project to Upgrade Science Laboratory Facilities	337
CHICAGO, UNIV. OF HOSPITALS Chicago, IL	DE-FG02-06CH11453 06/30/2009 McGrath, Gibson	SC-23	Equipment for New Pediatric Specialty Care Center	962
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-96ER14675 08/14/2009 Norris	SC-22.13	Supermolecular Photosynthetic Arrays: Construction, Characterization, Exploration and Utilization	230
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-94ER14466 08/14/2011 Sutton	SC-22.1	GeoSoilEnviroCARS: A National Resource for Earth, Planetary, Soil and Environmental Science Research at the	697
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-92ER14244 11/14/2011 Sutton	SC-22.1	Synchrotron X-Ray Microprobe and Microspectroscopy Research In Low Temperature Geochemistry	148
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-87ER13679 04/30/2007 Light	SC-22.1	Quantum Dynamics of Gas Phase Reactions	0
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-01ER15254 01/31/2011 Richter	SC-22.12	Kinetic Isotope Fractionation by Diffusion in Liquids	142
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-98ER14849 04/30/2007 Bosnich	SC-22.1	Supramolecular Recognition in Separation Technology	130
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-90ER40560 10/31/2009 Martinec	SC-25	Participation in High Energy Physics	935
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-91ER40606 03/14/2007 Olinto	SC-26.1	Nuclear Physics and Astrophysics	0
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-04ER15615 08/31/2008 Bray	SC-22.13	Molecular-Genetic Analysis of Osmoregulation, Osmotic Adjustment and Growth in Arabidopsis	120
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-96ER20240 08/31/2008 Preuss	SC-22.13	Cell-Cell Interactions during pollen tube guidance	131
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-06ER46326 08/14/2009 Guyot-Sionnest	SC-22.22	Colloidal Quantum Dot Films. Transport and Magnetotransport	147
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-06ER46321 08/14/2009 Rice	SC-22.23	Experimental and Theoretical Studies of the Liquid-Solid and Liquid-Vapor Interfaces of Metals and Alloys	150
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-99ER45789 11/30/2011 Rosenbaum	SC-22.22	Coherent Excitations in Disordered Quantum Materials	143

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-06ER41426 08/31/2009 Frisch	SC-25	The Development of Large-Area, Picosecond Resolution, Time-of-Flight Detectors	100
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-04ER63786 03/14/2008 Kent	SC-23.2	Chemical Methods for the Production of Proteins, of Protein and Peptide Reagents, and for the Characterization of Protein Complexes	524
CHICAGO, UNIVERSITY OF Chicago, IL	DE-FG02-05ER64086 12/31/2009 Grdina	SC-23.2	Prevention of Low Dose Radiation-Induced Genomic Instability with Clinically Relevant Non-Protein Thiols and Vitamin E	233
DEPAUL UNIVERSITY Chicago, IL	DE-FC02-06ER41441 03/14/2011 Di Pierro	SC-25	National Computational Infrastructure for Lattice Gauge Theory	32
DEPAUL UNIVERSITY Chicago, IL	DE-FG02-05CH11284 08/30/2006 Janis, Petcher	SC-23	Congressionally-mandated Construction Grant for "Biology Laboratory Renovations"	0
ILLINOIS INST. OF TECHNOLOGY Chicago, IL	DE-FC02-06ER41442 03/14/2011 Sun	SC-25	National Computational Infrastructure for Lattice Gauge Theory	15
ILLINOIS INST. OF TECHNOLOGY Chicago, IL	DE-FG02-01ER41159 01/14/2011 Kaplan	SC-25	Participation in Muon Collider/Neutrino Factory Research and Development	85
ILLINOIS INST. OF TECHNOLOGY Chicago, IL	DE-FG02-94ER40840 03/31/2009 White	SC-25	Participation in High Energy Physics	230
ILLINOIS INST. OF TECHNOLOGY Chicago, IL	DE-FG02-06ER64276 07/14/2008 Andrews	SC-23.2	Incidence and Impacts of Nano Patents	221
ILLINOIS INST. OF TECHNOLOGY Chicago, IL	DE-FG02-05ER64004 06/30/2007 Wasan	SC-23.4	Foaming and Antifoaming and Gas Entrainment in Radioactive Waste Pretreatment and Immobilization Processes	205
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-04ER63849 12/31/2009 DeLucia	SC-23.3	Genomic Regulation of the Response of an Agroecosystem to Elements of Global Change	1,001
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG07-02ER63502 09/14/2005 Minsker	SC-23.4	A New Framework for Adaptive Sampling and Analysis During Long-Term Monitoring and Remedial Action Management	0
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-02ER63337 12/31/2009 McFarquhar	SC-23.3	Improvements in Representations of Cloud Microphysics for BBHRP and Models Using Data Collected during MFACE and TWP-ICE	142
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-06ER64261 06/30/2009 Walsh	SC-23.3	Use of ARM Products in Reanalysis Applications and IPCC Model Assessment	89
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-06ER64207 03/14/2009 Werth	SC-23.4	Influence of Wetting and Mass Transfer Properties of Organic Chemical Mixtures in Vadose Zone Materials on Groundwater	292

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-05ER64144 09/14/2009 Woese	SC-23.2	Role of Horizontal Gene Transfer as a Control on the Coevolution of Ribosomal Proteins and the Genetic Code	312
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-03ER41281 08/31/2007 Gollin	SC-25	Investigations of Novel Schemes for Injection/Extraction Kickers	16
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-03ER46026 07/31/2010 Johnson	SC-22.22	A Thermodynamic Density-Functional Theory and High-Performance Code for Complex Materials with up to Multi-Million-Atom Unit Cells	0
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-02ER46011 08/31/2007 Flynn	SC-22.23	Fundamental Investigations of Nanoscale Phenomena in Beam-Assisted Nucleation, Growth and Surface-Smoothing, Using In	0
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-02ER46019 11/30/2009 Granick	SC-22.23	Structure, Stabilized Phospholipid Vesicles	0
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-01ER45923 03/14/2011 Zuo	SC-22.21	Quantitative Electron Nano-Crystallography	129
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-01ER45941 02/14/2007 Lewis	SC-22.23	Nanoparticle Engineering of Complex Fluid Behavior	0
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-05ER46217 08/14/2010 Averback	SC-22.22	Microstructural Evolution and Mechanical Response of Complex Alloys Under Prolonged Particle Irradiation	0
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-06ER46285 06/30/2009 Abbamonte	SC-22.21	Intrinsic and Engineered Electronic Nanostructure in Transition Metal Oxides	196
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-05ER46260 09/14/2011 Gewirth	SC-22.23	Cathode Catalysis in Hydrogen/Oxygen Fuel Cells: Mechanism, New Materials, and Characterization	350
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-99ER54515 01/14/2011 Ruzic	SC-24.2	Surface Interactions for Controlled Nuclear Fusion	200
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-01ER63179 08/14/2007 Lu	SC-23.4	New Catalytic DNA Biosensors for Radionuclides and Metal ions	161
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FC02-01ER25487 09/28/2007 Pennington	SC-21.1	Scalable Systems Software Enabling Technology Center	0
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-03ER25560 09/14/2007 Snir	SC-21.1	Design Patterns for Parallel Programming	0
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-05ER25688 08/14/2008 Zhou	SC-21.1	Run-Time Support for Debugging Parallel Programs on Large Scale Systems	99

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FC02-06ER25752 09/14/2011 Johnson, Snir	SC-21.1	Center for Programming Models for Scalable Parallel Computing	200
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-91ER40677 10/31/2009 Liss, Thaler	SC-25	Research on Elementary Particle Physics	2,283
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-90ER14146 02/28/2009 Rauchfuss	SC-22.12	Cyanometallates, Their Cages, and Associated Host-Guest Behavior	160
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-00ER15028 12/31/2007 Kirkpatrick	SC-22.1	Computational and Spectroscopic Investigations of the Molecular Scale Structure and Dynamics of Geologically Important Fluids and Mineral-Fluid	216
ILLINOIS, UNIVERSITY OF Champaign, IL	DE-FG02-99ER14993 10/31/2006 Wieckowski	SC-22.1	Catalytic Nanoparticles for DMFC and DFAFC: Reaction Rates, Local Densities of States, and Oxygen Shuttling Pathways	50
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-03ER15381 01/14/2012 Sturchio	SC-22.1	Mineral-Fluid Interactions: Synchrotron Radiation Studies at the Advanced Photon Source	51
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-02ER15364 10/31/2007 Nagy	SC-22.1	Nanoscale Reactivity of Clays, Clay Analogues (Micas), and Clay Minerals	0
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-03ER15488 11/14/2009 Ogut	SC-22.11	Computational Nanophotonics: Modeling Optical Interactions and Transport in Tailored Nanosystem Architectures	90
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-85ER13384 04/14/2009 Kiefer	SC-22.1	Kinetics of Combustion-Related Processes at High Temperatures	125
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-96ER14680 06/14/2009 Murad	SC-22.1	Computer Simulation of Transport Processes Across Structured Membranes	70
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-84ER40173 06/30/2009 Keung	SC-25	Studies in Theoretical High Energy Particle Physics	40
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-03ER25566 08/31/2008 Yu	SC-21.1	ISOGA: Integrated Services Optical Grid Architecture for Emerging E-Science Collaborative Applications	0
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-05ER15726 06/14/2009 Trenary	SC-22.12	Reversible Dehydrogenation of Boron Nanoclusters	120
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-01ER41195 07/31/2010 Stephanov	SC-26.1	Theoretical Studies of Strongly Interacting Matter	63
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-94ER40865 05/14/2010 Hofman	SC-26.1	Heavy Ion Nuclear Physics Research at the University of Illinois at Chicago	433

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-06ER64193 02/28/2009 Nagy	SC-23.4	Nucleation and Precipitation Processes in the Vandose Zone During Contaminant Transport	200
ILLINOIS, UNIVERSITY OF Chicago, IL	DE-FG02-06ER64285 08/14/2008 Banerjee	SC-23.2	Integrated Bioengineering Institute	722
ILLINOIS, UNIVERSITY OF Urbana, IL	DE-FG02-06ER64195 04/30/2009 Jain	SC-23.3	Integrated Dynamic Global Modeling of Land Use, Energy, and Economic Growth	180
ILLINOIS, UNIVERSITY OF Urbana, IL	DE-FG02-91ER45439 06/30/2008 Lewis	SC-22.21	Functional and Nanoscale Materials Systems: Frontier Programs of Science at the Frederick Seitz Materials Research	7,025
ILLINOIS, UNIVERSITY OF Urbana, IL	DE-FG02-88ER13949 01/31/2007 Bohn	SC-22.1	Molecular Aspects of Transport in Thin Films of Controlled Architecture	110
ILLINOIS, UNIVERSITY OF Urbana, IL	DE-FG02-87ER13716 08/31/2010 Gennis	SC-22.13	Studies on Cytochrome bo3 from E. coli	149
ILLINOIS, UNIVERSITY OF Urbana, IL	DE-FG02-03ER15476 09/14/2009 Johnson, Nuzzo	SC-22.12	Reactivity & Structural Dynamics of Supported Metal Nanoclusters using Electron Microscopy, In-Situ X-Ray Spectroscopy, Elec. Struc. Theories, &	483
JUDSON COLLEGE Elgin, IL	DE-FG02-04CH11219 08/31/2007 Kaiser, Malmquist	SC-23	Harm A. Weber Library and Academic Center at Judson College	0
MIDWESTERN UNIVERSITY Downers Grove, IL	DE-FG02-06CH11440 12/31/2006 Dobbelaere, O'Brien	SC-23	Wellness Center Construction	289
NORTHERN ILLINOIS UNIVERSITY DeKalb, IL	DE-FG02-04ER63869 07/31/2008 Song	SC-23.3	The Role of Soil and Vegetation in the Future Climate	67
NORTHERN ILLINOIS UNIVERSITY DeKalb, IL	DE-FG02-06ER41421 07/31/2007 Piot	SC-25	12th Advanced Accelerator Concepts Workshop (July 9-15, 2006 - Grand Geneva Hotel)	60
NORTHERN ILLINOIS UNIVERSITY DeKalb, IL	DE-FG02-06ER41435 08/31/2009 Piot	SC-25	Longitudinal Phase Space Monitors for the ILC Injectors and Bunch Compressors	54
NORTHERN ILLINOIS UNIVERSITY DeKalb, IL	DE-FG02-03ER46097 09/14/2009 van Veenendaal	SC-22.22	X-ray Scattering and Absorption in Transition-Metal Compounds	280
NORTHERN ILLINOIS UNIVERSITY DeKalb, IL	DE-FG02-04ER41323 01/31/2008 Piot	SC-25	Nonlinear Dynamics of High-Brightness Electron Beams and Beam-Plasma Interactions: Theories, Simulations, and	100
NORTHERN ILLINOIS UNIVERSITY DeKalb, IL	DE-FG02-02ER41223 08/14/2007 Chakraborty	SC-25	Development of Extruded Scintillator and Single Bit Tracking Calorimetry	0

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NORTHERN ILLINOIS UNIVERSITY DeKalb, IL	DE-FG02-06ER46334 08/14/2009 Xiao	SC-22.23	One-Dimensional Mesostructures of NbSe2 and NbN Superconductors	71
NORTHWESTERN UNIVERSITY Chicago, IL	DE-FG02-04CH11193 05/31/2006 Stupp, Persaud	SC-23	IBNAM Clean Room Project	0
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-06ER46346 08/31/2009 Chandrasekhar	SC-22.21	Epitaxial Multifunctional Oxide Heterostructures	178
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-06ER46320 07/31/2008 Marks	SC-22.23	Engineered Electrodes and Electrode-Organic Interfaces for High-Efficiency Organic Photovoltaics	210
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER46255 08/31/2011 Barnett	SC-22.22	High Performance Nano-Crystalline Oxide Fuel Cell Materials: Defects, Structures, Interfaces, Transport, and	500
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER46248 06/30/2011 Halperin	SC-22.22	Antiferromagnetism and Superconductivity	120
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER41395 08/31/2008 Seidman	SC-25	3D Atom-Probe Microscopy on Niobium for SRF Cavities	45
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-98ER41086 12/31/2009 Segel	SC-26.1	Physics with Rare Isotope Beams	55
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-91ER40684 11/30/2009 Buchholz	SC-25	High Energy Physics Research	1,096
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-03ER46069 02/14/2008 Golovin	SC-22.23	Self-Organized Highly Regular Nanostructures in Polymer Films	174
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-02ER46002 08/31/2007 Weertman	SC-22.21	Microstructural Changes and Deformation Processes of Nanocrystalline Cu Under Constant and Time-Dependent Stresses	125
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-01ER45945 03/14/2011 Marks	SC-22.21	New Methods for Atomic Structure Determination of Materials	161
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-01ER45910 04/30/2006 Voorhees	SC-22.21	Computational Investigations of Crystal-Melt Interfaces in Metals and Alloys	0
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-84ER45125 10/31/2010 Dutta	SC-22.23	In Situ X-ray Studies of Adsorption, Nucleation, and Self-Assembly at Soft and Hard Surfaces	166
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-88ER45372 03/31/2009 Freeman	SC-22.22	Electronic Structure and Novel Properties in Complex Oxides and Hetero-Interfaces	121

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER41397 08/31/2009 Velasco	SC-25	Development of Beam Instrumentation for CLIC at the CTF3 Facility at CERN	45
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-98ER45721 03/14/2011 Dunand	SC-22.22	Mechanical Properties and Microstructural Evolution in Al-Li-Sc-Yb Alloys Containing Multi-Shell Nanosize Precipitates	82
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-99ER45782 08/14/2011 Voorhees	SC-22.23	Three-Dimensional Evolution of Dendritic Mixtures	56
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-00ER45810 05/14/2011 Stupp	SC-22.23	Nanoengineering of Complex Materials	613
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER15643 02/28/2007 Geiger	SC-22.12	Support for Speakers and Attendees at the "Environmental Surfaces" Focus Session at the 2005 March Meeting of the American Physical Society	0
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-04ER15612 10/31/2010 Seideman	SC-22.11	New Directions in Intense Laser Alignment	100
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-06ER15787 05/31/2009 Geiger	SC-22.12	Surface Charge Densities and Acidities of Biogeochemically Important Organic Adlayers at Mineral/Water Interfaces Studied by Nonlinear Optics	48
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FC02-01ER25485 08/14/2008 Choudhary	SC-21.1	Scientific Data Management Integrated Software Infrastructure Center	207
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-87ER25047 01/14/2011 Nocedal	SC-21.1	Nonlinear Optimization and Applications	130
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER25683 08/31/2007 Choudhary	SC-21.1	Programming Models for HPCS: I/O Models and Runtime Interface	0
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER25691 08/14/2008 Memik	SC-21.1	High Performance Networking Hardware Design	99
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER25692 08/14/2009 Chen	SC-21.1	HPNAIDM: The High-Performance Network Anomaly/Intrusion Detection and Mitigation System	99
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-06ER25743 08/14/2007 Mambretti	SC-21.1	Optical Network Testbed Workshop III - September 14-15, 2006	18
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-87ER40344 11/30/2010 Seth	SC-26.1	Strong Interaction Studies with Medium Energy Probes	300
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-03ER15457 05/31/2009 Stair	SC-22.1	Institute for Catalysis in Energy Processes	1,000

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-03ER15487 05/14/2009 Schatz	SC-22.11	Computational Nanophotonics: Modeling Optical Interactions and Transport in Tailored Nanosystem Architectures	170
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-04ER15522 06/30/2010 Ibers	SC-22.12	Actinide Transition-Metal Chalcogenides and Pnictides	125
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-01ER15244 04/30/2011 Hupp	SC-22.1	Coordination-Chemistry-Derived Materials Featuring Nanoscale Porosity and Selective Chemical Separation	205
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-01ER15184 10/31/2010 Kung	SC-22.1	Molecular Nanocages for Catalysis: An Investigation of Effect of Active Site Environment	138
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-99ER14999 04/14/2009 Wasielewski	SC-22.13	Approaches to Integrated Photochemical Systems for Solar Energy Conversion	275
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-97ER14789 10/31/2009 Stair	SC-22.1	Raman Spectroscopy of Working Catalysts	125
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-96ER14684 07/14/2011 Lewis	SC-22.13	Light-Driven Charge Transfer in Face-to-Face Donor-Spacer-Acceptor Supramolecular Systems	145
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-95ER14534 11/30/2007 Ottino	SC-22.23	Dynamics of Segregation and Mixing of Granular Matter	0
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-92ER14303 08/14/2005 Riecke	SC-22.23	Stability and Dynamics of Spatio-Temporal Structures	0
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-93ER14344 08/31/2009 Rudnicki	SC-22.12	Approaches to Some of the Outstanding Problems in the Heterogeneous Compactive Deformation of Geomaterials	113
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-87ER13808 05/14/2009 Hupp	SC-22.1	Fundamental Studies of Light-Induced Charge Transfer, Energy Transfer, and Energy Conversion with Supramolecular	190
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-02ER63457 08/31/2007 Hatzimanikatis	SC-23.2	A Computational Framework for the Discovery of Novel Biotransformations	0
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER64110 08/14/2007 Woloschak	SC-23.2	Radiation Risk From Chronic Low Dose-Rate Radiation Exposures: The Role of Life-Time Animal Studies - Workshop October 2005	0
NORTHWESTERN UNIVERSITY Evanston, IL	DE-FG02-05ER64100 07/31/2007 Woloschak	SC-23.2	Adaptive Response Mechanisms After Chronic Whole-Body Exposure to Low LET Radiation	0
OLIVEIT NAZARENE UNIVERSITY Bourbonnais, IL	DE-FG02-06CH11385 05/31/2007 Alderson	SC-23	University Science Lab	289



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IL)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
SOUTHERN ILLINOIS UNIVERSITY Carbondale, IL	DE-FG02-98ER62689 09/14/2006 Achenbach	SC-23.4	Immobilization of Radionuclides Through Anaerobic Bio-oxidation of Fe(II)	0
SOUTHERN ILLINOIS UNIVERSITY Carbondale, IL	DE-FG02-05ER46231 08/31/2011 Ge	SC-22.22	First Principles Based Simulation of Hydrogen Interactions in Complex Hydrides and Other Hydrogen Storage Materials	200
SOUTHERN ILLINOIS UNIVERSITY Carbondale, IL	DE-FG02-06ER46291 06/30/2010 Ali, Stadler	SC-22.22	Understanding Compound Phase Transitions in New Heusler Alloy Colossal Magnetocaloric Materials	148
SOUTHERN ILLINOIS UNIVERSITY Carbondale, IL	DE-FG02-88ER13941 06/30/2008 Clark	SC-22.13	Regulation of Alcohol Fermentation by Escherichia coli	47
WAUBONSEE COMMUNITY COLLEGE Sugar Grove, IL	DE-FG02-05CH11263 09/30/2007 Bota, Leatherbury	SC-23	Continuation of Funding for Construction of New Science Building	1,925
Total for IL :				32,438

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
BALL STATE UNIVERSITY Muncie, IN	DE-FG02-05ER64092 07/31/2007 Trappe	SC-23.2	Bioenergetics Research Initiative	0
BALL STATE UNIVERSITY Muncie, IN	DE-FG02-06ER64286 08/14/2008 Smitherman	SC-23.2	Science Literacy	385
BETHEL COLLEGE, INC. Mishawaka, IN	DE-FG02-06CH11459 11/30/2007 Myers	SC-23	Construction of New Science Facility at Bethel College	289
INDIANA STATE UNIVERSITY Terre Haute, IN	DE-FG02-06ER46304 08/14/2009 Zhang	SC-22.22	Laser-Induced Ultrafast Magnetization in Ferromagnets	100
INDIANA UNIV. SCHOOL OF MED. Indianapolis, IN	DE-FG02-04CH11233 06/30/2007 Fife	SC-23	Congressionally-Mandated Funding for "Information Sciences Building"	0
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-06ER46279 03/14/2009 Pynn	SC-22.21	Development of New Methods to Study Materials Structure using Spin Echo Scattering Angle Measurement (SESAME) of Neutrons	203
INDIANA UNIVERSITY Bloomington, IN	DE-FC02-06ER54865 01/14/2011 Bramley	SC-24.2	Computational Science in Fusion Energy - Center for Simulation of Wave Interactions with Magnetohydrodynamics	110
INDIANA UNIVERSITY Bloomington, IN	DE-FC02-06ER41443 03/14/2011 Gottlieb	SC-25	National Computational Infrastructure for Lattice Gauge Theory	25
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-03ER46093 11/14/2009 Snow	SC-22.21	Polarized 3He in Neutron Scattering	0
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-92ER40747 08/14/2009 Lee	SC-25	Physics of Beam Cooling, Space Charge Effects, and Beam Manipulation Technologies in High Energy Accelerators	220
INDIANA UNIVERSITY Bloomington, IN	DE-FC02-03ER41275 08/14/2007 Baker	SC-26.1	Shedding New Light on Exploding Stars: Visualization for TeraScale Simulations of Neutrino-Driven Supernovae and their	0
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-05ER41374 04/14/2010 Shepherd	SC-26.1	Understanding QCD in the Light Meson Sector (With Emphasis on Mapping Gluonic Excitations) Using Pion and Photon Probes	235
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-02ER15312 02/14/2009 Estelle	SC-22.13	Function of the Arabidopsis T1R1/AFB Auxin Receptors in Growth and Development	140
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-01ER15223 09/14/2008 Hangarter	SC-22.13	Regulation of Plastid Development During Embryo Maturation and Seed Germination	120
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-98ER14890 12/14/2010 Hieftje	SC-22.12	Elucidation and Reduction of Interference Effects in Inductively Coupled Plasma Spectrometry	130

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-00ER15032 03/31/2009 Schimmellmann	SC-22.12	Significance of Isotopically Labile Organic Hydrogen in the Thermal Maturation of Source Rocks	140
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-88ER13906 10/31/2006 Caulton	SC-22.1	Targeted Ligand Design and Application: A Product Adapted Geometry Ligand for Hydrocarbon Functionalization	120
INDIANA UNIVERSITY Bloomington, IN	DE-FC02-01ER25492 12/31/2006 Gannon	SC-21.1	Center for Component Technology for Terascale Simulation Software	0
INDIANA UNIVERSITY Bloomington, IN	DE-FC02-01ER25451 07/31/2007 Gannon	SC-21.1	Middleware Technology to Support Science Portals: A Gateway to the Grid	0
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-04ER25600 08/14/2008 Plale	SC-21.1	Time-Based Data Streams: Fundamental Concepts for a Data Resource for Streams	99
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-05ER25676 05/14/2008 Ortoleva	SC-21.1	Intercellular Genomics of Subsurface Microbial Colonies	289
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-87ER40365 03/31/2011 Horowitz, Serot, Szczepaniak	SC-26.1	Theoretical Studies in Nuclear and Hadronic Physics	266
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-88ER40404 12/31/2009 De Souza	SC-26.1	Many-Body Nuclear Dynamics	297
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-91ER40661 10/31/2009 Ogren, Kostelecky, Musser	SC-25	High Energy Experimental and Theoretical Particle Physics	1,505
INDIANA UNIVERSITY Bloomington, IN	DE-FC02-06ER25750 09/14/2011 Lumsdaine	SC-21.1	Coordinated Fault Tolerance for High Performance Computing	400
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-04ER63871 07/31/2007 Temam	SC-23.3	Predictive Understanding of the Oceans' Wind-Driven Circulation on Interdecadal Time Scales	91
INDIANA UNIVERSITY Bloomington, IN	DE-FG02-04ER63903 12/31/2007 Schmid	SC-23.3	Scaling up of Carbon Exchange Dynamics from AmeriFlux Sites to a Super-Region in the Eastern United States	256
INDIANA UNIVERSITY Indianapolis, IN	DE-FG02-04ER63886 08/14/2007 Dunker	SC-23.2	Pacific Symposium on Biocomputing 2005 / 2006 / 2007	20
INDIANA WESLEYAN UNIVERSITY Marion, IN	DE-FG02-06CH11458 03/31/2008 Matter, Barnes, Jr.	SC-23	Indiana Wesleyan University, Registered Nursing Program	481
N UNIVERSITY ASSOCIATION, INC. Valparaiso, IN	DE-FG02-88ER40416 01/15/2012 Manweiler	SC-26.1	Measuring the Spin Structure of the Proton at RHIC	140

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG02-06ER64263 06/30/2009 Hellmann	SC-23.2	Genomics Research on Terrestrial Insects and Aquatic Microorganisms as Indicators of Global Change	155
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG07-02ER63489 09/14/2006 Burns	SC-23.4	Phosphate Barriers for Immobilization of Uranium Plumes	0
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG02-04ER63730 11/30/2006 Burns	SC-23.4	Quantifying and Predicting Reactive Transport of Uranium in Waste Plumes: Are Colloids and Nanoparticles Important?	0
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG02-04ER63744 12/14/2007 LaVerne	SC-23.4	Hazardous and Corrosive Gas Production in the Radiolysis of Water/Organic Mixtures in Model TRU Waste	198
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-AC02-76ER00038 07/31/2004 Meisel	SC-22.1	Radiation and Photochemistry in the Condensed Phase	0
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG02-06CH11388 12/31/2008 O'Tousa	SC-23	University of Notre Dame Environmental Genomics Research Center	1,529
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG07-99ER14938 09/14/2003 Meisel	SC-23.4	The NOx System in Homogeneous and Homogeneous Nuclear Waste	0
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG02-02ER15323 11/14/2007 Maurice	SC-22.1	Controls on Molecular-Scale Microbial Responses to Metals: Interactions of Bacteria, Metals, and Environmental Nanoparticles	0
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FC02-04ER15533 10/31/2010 Carmichael	SC-22.13	Radiation and Photochemistry in the Condensed Phase and at Interfaces	3,470
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG02-06ER25719 10/14/2006 Alber	SC-21.1	Biocomplexity VIII: Applications of Methods of Stochastic Systems and Statistical Physics in Biology - Workshop Oct 28-30, 2005	15
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG02-06ER15830 08/31/2009 Schneider	SC-22.12	Towards Realistic Models of Heterogeneous Catalysis: Simulations of Redox Catalysis From First Principles	140
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG02-95ER40934 06/14/2010 Mathews	SC-26.1	Nuclear Properties at Extreme Density, Temperature, Spin and Isospin	124
NOTRE DAME, UNIVERSITY OF Notre Dame, IN	DE-FG02-00ER41145 07/31/2009 Losecco	SC-25	Research in CP Violation in the B Meson Sector & OJI Task-Optimizing Higgs Discovery Prospects at the Fermilab	186
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-02ER45976 06/30/2011 Harris	SC-22.23	Virus Assemblies as Templates for Nanocircuits	100
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-98ER62681 09/14/2007 Konopka	SC-23.4	Ecological Interactions Between Metals and Microbes	150

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-99ER20342 08/31/2009 Sherman	SC-22.13	Diurnal Cycles and the Regulation of Metabolism in the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803	120
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-94ER20138 08/31/2007 Chapple	SC-22.13	Secondary metabolism in Arabidopsis	100
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-88ER40412 12/31/2011 Scharenberg	SC-26.1	The Experimental Study of the Phase Structure of Hadronic Matter	600
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-02ER15357 09/14/2009 Szymanski	SC-22.13	The DISTORTED Genes: Functional Linkage of WAVE-ARP2/3, Endomembrane Dynamics, and Morphogenesis	120
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-03ER15445 08/31/2008 McCann	SC-22.13	Rhamnogalacturonan I is a Principal Scaffolding Element in Plant Cell Wall Architecture	50
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-03ER15466 09/14/2009 Delgass	SC-22.12	Catalyst Design by Discovery Informatics	832
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-03ER15391 10/31/2010 Lucht	SC-22.11	Advanced Nonlinear Optical Methods for Quantitative Measurements in Flames	98
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-04ER15526 05/14/2010 Staiger	SC-22.13	Regulation of Actin Filament Ends: The Role of Capping Proteins in Plant Growth and Lipid Signaling	120
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-96ER14641 10/31/2011 Basaran	SC-22.12	Electrohydrodynamic Tip Streaming	155
PURDUE RESEARCH FOUNDATION West Lafayette, IN	DE-FG02-96ER14656 02/14/2010 Zwier	SC-22.11	Experimental Characterization of the Potential Energy Surfaces for Conformational and Structural	128
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-06ER64301 08/31/2009 Chaple	SC-23.2	Manipulation of Lignin Biosynthesis to Maximize Ethanol Production From Populus Feedstocks	1,000
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-06ER64163 11/30/2006 Thompson	SC-23.4	Elucidating the Molecular Basis & Regulation of Chromium(VI) Reduction by <i>Shewanella oneidensis</i> MR-1 & Resistance to	91
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-06ER64152 11/14/2009 Meilan	SC-23.2	Genome-enabled Modification of Poplar Root Development for Increased Carbon Sequestration	119
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-05ER64131 09/14/2009 Nnanna	SC-23.2	Water Environmental Institute	481
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-05ER63945 03/31/2009 Li	SC-23.2	Regulation of NF- $\kappa$ B and MnSOD in Low Dose Radiation Induced Adaptive Protection of Mouse and Human Skin Cells	185

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (IN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-97ER14785 11/30/2009 Pyrak-Nolte	SC-22.12	Self-Assembling Sub-Porosity: The Effect on Fluid Flow and Seismic Wave Propagation	287
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-00ER15105 05/31/2009 McLucky	SC-22.1	The Dynamics and Thermodynamics of Gaseous Macro-ions	150
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-03ER15408 08/14/2009 Ribeiro	SC-22.12	Fundamental Studies on the Kinetics of Oxidation Reactions	146
PURDUE UNIVERSITY West Lafayette, IN	DE-FC02-06ER25789 09/14/2011 Grama	SC-21.1	Hierarchical Petascale Simulation Framework for Stress Corrosion Cracking	160
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-91ER40681 10/31/2011 Shipsey, Barnes, Gutay, Miller	SC-25	Experimental and Theoretical High Energy Physics Program	1,936
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-05ER15752 05/31/2011 Choi	SC-22.13	Construction of High Performance, Low Cost Photoelectrodes with Controlled Polycrystalline Architectures	110
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-06ER15794 06/30/2009 Abu-Omar	SC-22.12	Silane Activation on a Single-Site Oxorhenium(V) Oxazoline Catalyst: A New Mechanistic Paradigm for Hydrogen	145
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-05ER15654 08/14/2008 Carpita	SC-22.13	Identifying the catalytic components of the maize mixed-linkage B-glucon synthase	120
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-06ER15804 07/14/2009 Murphy	SC-22.13	Analysis of MDR/PGP Auxin Transport Proteins and Their Contribution to Monocot Biomass, Structural Stability, and	130
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-06ER15807 07/14/2009 Cooks	SC-22.12	Preparative Mass Spectrometry to Create and Evaluate Size- and Composition-Selected Catalytic Particles	156
PURDUE UNIVERSITY West Lafayette, IN	DE-FG02-02ER41219 07/14/2007 Wang	SC-26.1	Systematic Studies of Heavy Ion Collisions to Search for Quark-Gluon Plasma	55
SAINT FRANCIS, UNIVERSITY OF Fort Wayne, IN	DE-FG02-06CH11428 01/31/2008 Tieben, Frazier	SC-23	Upgrading of and Replacement of Science Equipment at University of Saint Francis	241
Total for IN :				19,963

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (KS)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-04ER15504 12/31/2009 Chu	SC-22.1	Atomic and Molecular Physics in Strong Fields	95
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-02ER15347 08/31/2005 Thompson	SC-22.1	Understanding Nanoscale Confinement Effects in Solvent-Driven Chemical Reactions	0
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-06ER15792 06/30/2009 Malinakova	SC-22.12	Bis-pi-allylpalladium Complexes in Catalysis of Multi-component Reactions	130
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-05ER15708 03/14/2012 Thompson	SC-22.11	Understanding Nanoscale Confinement Effects in Solvent-Driven Chemical Reactions	133
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-96ER40981 05/31/2011 Sanders	SC-26.1	Research in Heavy-Ion Nuclear Physics at CMS	168
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-04ER41288 02/14/2009 Shi	SC-25	Study of the Stability of Particle Motion in Storage Rings	100
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-04ER41308 04/30/2010 Ralston	SC-25	Research in Theoretical Particle Physics	124
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-04ER46113 01/31/2007 Murray	SC-22.21	States of the Vacuum - Research in Relativistic Heavy-Ion Nuclear Physics at BRAHMS	150
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-04ER54790 07/31/2008 Medvedev	SC-24.2	Nonlinear Weibel Instability and Turbulence in Strong Collisionless Shocks	191
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-03ER63656 12/14/2008 Steeple, Tsouflias	SC-23.4	Automating Shallow 3D Seismic Imaging	275
ER FOR RESEARCH, INC., UNIV OF Lawrence, KS	DE-FG02-04ER63745 11/30/2007 Bowman-James	SC-23.4	Supramolecular Chemistry of Selective Anion Recognition for Anions of Environmental Relevance	100
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-99ER41093 10/31/2010 Bolton	SC-25	Heavy Quark and Neutrino Physics	580
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-00ER45824 06/30/2007 Bolton	SC-22.21	Kansas Advanced Semiconductor Project (KASP)	0
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-03ER46058 09/30/2006 Rahman	SC-22.22	Theoretical and Computational Studies of Characteristics of Metallic Nanostructures	100
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-02ER46020 10/31/2006 Law	SC-22.21	Neutron and X-ray Reflectometry Study of Surface Critical Phenomena	0

OFFICE OF SCIENCE  
 Information Management for Office of Science (IMSC)  
 Listing of Awards for State (KS)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-96ER45604 10/31/2008 Jiang, Lin	SC-22.22	Optical and Electrical Properties of III-V Nitrides Wide Bandgap Semiconductors	151
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-06ER15832 08/31/2009 Lin	SC-22.11	Time-Resolved Imaging of Molecules by High-Order Harmonics and Ultra Short Rescattering Electrons	148
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-06ER15829 08/31/2009 Litvinyuk	SC-22.11	Developing Laser-Induced Re-Collision Electron Self-Diffraction for Ultra-Fast Imaging of Transient Molecular Structure	121
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-86ER13491 02/14/2010 Ben-Itzhak	SC-22.11	Structure and Dynamics of Atomics, Ions, Molecules and Surfaces	2,500
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-98ER14866 11/30/2005 Maatta	SC-22.1	New Vistas for Functionalized Polyoxometalates	0
KANSAS STATE UNIVERSITY Manhattan, KS	DE-FG02-03ER15465 10/31/2006 Rahman	SC-22.12	Controlling Structural, Electronic, and Energy Flow Dynamics of Catalytic Processes Through Tailored Nanostructures	145
MIDAMERICA NAZARENE UNIVERSITY Olathe, KS	DE-FG02-06CH11454 12/31/2008 Douglas	SC-23	MidAmerica Nazarene University Regional Nursing Shortage Initiative	722
Total for KS :				5,933



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (KY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-84ER40154 01/31/2010 Liu	SC-26.1	Research in Theoretical Nuclear Physics	144
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-92ER20075 06/30/2009 Houtz	SC-22.13	Structure/Function Relationships in the Chloroplast-Localized SET Domain Protein Methyltransferase Rubisco LSMT and Functional Assessment of Lysyl Methylation	50
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-97ER20270 08/31/2008 DeMoll	SC-22.13	Acetyl-CoA Cleavage and Synthesis in Methanogens: Biochemistry and Targeted Mutational Analysis of Electron Transfer	50
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-96ER40989 07/14/2011 Gardner	SC-26.1	Fundamental Physics with Hadrons and Nuclei, from Quarks to the Cosmos	60
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-99ER41101 04/30/2011 Korsch	SC-26.1	Fundamental Studies of the Neutron at Jefferson Lab and the SNS	153
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-97ER45653 05/14/2011 De Long	SC-22.22	Investigation of Novel Magnetic Order in Complex Transition Metal Oxides	100
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-03ER46033 02/14/2007 Rankin	SC-22.23	Engineering the Evaporation-Driven Assembly of Nanostructured Ceramics	0
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-00ER45817 05/31/2009 Menon	SC-22.22	Magnetism in Low-Dimensional Carbon Materials	118
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-00ER45832 06/30/2007 Stencel	SC-22.21	Kentucky DOE/EPSCoR Program	0
KENTUCKY, UNIV. OF RES FOUND Lexington, KY	DE-FG02-04ER63889 08/14/2006 Kaplan	SC-23.2	Program in Functional Genomics of Autoimmunity and Immunology of the University of Kentucky and the University of Alabama	0
LE RES. FOUND., INC., UNIV. OF Louisville, KY	DE-FG02-98ER41089 09/14/2009 Brown	SC-25	Contributions to Studies of CP Violation and Hadronic Physics with the Babar Collaboration	100
LE RES. FOUND., INC., UNIV. OF Louisville, KY	DE-FG02-05ER64071 06/30/2009 Sunkara	SC-23.2	Institute for Advanced Materials	1,443
Total for KY :				2,218

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)

Listing of Awards for State (LA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
LOUISIANA BOARD OF REGENTS Baton Rouge, LA	DE-FG02-04ER46136 04/14/2011 Khonsari	SC-22.21	Ubiquitous Computing and Monitoring System (UCoMS) for Discovery and Management of Energy Resources	400
SIANA STATE UNIV. AND A&M COL. Baton Rouge, LA	DE-FG02-06ER25730 08/14/2009 Sterling	SC-21.1	A Framework for Adaptable Operating and Runtime Systems	117
LOUISIANA STATE UNIVERSITY Baton Rouge, LA	DE-FG02-03ER46041 05/14/2008 Dutrow	SC-22.21	Thermal-Chemical-Mechanical Feedback During Fluid-Rock Interactions: Implications for Chemical Transport &	0
LOUISIANA STATE UNIVERSITY Baton Rouge, LA	DE-FG02-96ER40978 03/14/2011 Blackmon	SC-26.1	The Structure of Nuclei Far from Stability and Nuclear Astrophysics Using Radioactive Ion Beams	140
LOUISIANA STATE UNIVERSITY Baton Rouge, LA	DE-FG02-01ER15267 08/31/2007 Maverick	SC-22.1	Inorganic-Organic Molecules and Solids with Nanometer-Sized Pores	144
LOUISIANA STATE UNIVERSITY Baton Rouge, LA	DE-FG02-91ER40617 03/31/2010 Metcalf	SC-25	Research in Elementary Particle Physics and Cosmic Ray Physics	577
LOUISIANA STATE UNIVERSITY Baton Rouge, LA	DE-FG02-98ER20310 08/31/2011 Bricker	SC-22.13	Protein - Chloride Interactions in Photosystem II	119
LOUISIANA TECH UNIVERSITY Ruston, LA	DE-FG02-05ER25659 01/31/2008 Leangsuksun	SC-21.1	MOLAR: MODular Linux and Adaptive Runtime support for HEC OS/R research	99
LOUISIANA TECH UNIVERSITY Ruston, LA	DE-FG02-04CH11198 01/01/2007 Napper	SC-23	Biomedical Engineering Laboratory at the Center for Biomedical Engineering in Louisiana	0
LOUISIANA TECH UNIVERSITY Ruston, LA	DE-FG02-99ER41117 06/14/2011 Sawyer	SC-25	Research in High Energy Physics	170
LOUISIANA TECH UNIVERSITY Ruston, LA	DE-FG02-06ER41430 08/31/2009 Sawyer	SC-25	Neutron-Enhanced Calorimetry for Hadrons (NECH)	39
LOUISIANA TECH UNIVERSITY Ruston, LA	DE-FG02-04ER46114 01/31/2007 Greenwood	SC-22.23	A Louisiana Tech/Fermilab Partnership to Develop a D0 Silicon Detector Test Facility and Remote Linux Analysis Facility	96
LOUISIANA TECH UNIVERSITY Ruston, LA	DE-FG02-05ER46246 08/31/2009 Dobbins	SC-22.21	Understanding the Local Atomic-Level Effect of Dopants in Complex Metal Hydrides Using Synchrotron X-Ray	99
NA, UNIVERSITY OF AT LAFAYETTE Lafayette, LA	DE-FG02-06ER64268 08/31/2009 Cruz-Neira	SC-23.2	Louisiana Immersive Technologies Enterprise (LITE): Enabling Coastal Stewardship and Reliable Energy	385
SOUTHEASTERN LOUISIANA UNIV. Hammond, LA	DE-FG02-96ER54370 01/31/2008 McCarthy	SC-24.2	Numerical Simulations of Plasma Turbulence in the Tokamak Edge	30

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (LA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
TULANE UNIVERSITY New Orleans, LA	DE-FG02-96ER14617 05/31/2011 Schmehl	SC-22.1	Light Induced Energy and Electron Transfer Reactions of Photoactive Transition Metal Complexes	135
TULANE UNIVERSITY New Orleans, LA	DE-FG02-03ER46046 05/31/2007 Fink	SC-22.21	Fundamental Mechanistic Investigations of Silane and Chlorocarbon Additions to Low Valent Palladium and their Application to	0
TULANE UNIVERSITY New Orleans, LA	DE-FG02-98ER62704 09/30/2008 Blake	SC-23.4	Field-Portable and Automated Immunosensors for Hexavalent Uranium, Other Heavy Metals, and Chelators	266
TULANE UNIVERSITY New Orleans, LA	DE-FG02-05ER46243 08/31/2009 John	SC-22.23	Molecular Design Basis for Hydrogen Storage in Clathrate Hydrates	300
TULANE UNIVERSITY New Orleans, LA	DE-FC02-06ER64298 08/31/2011 Tornqvist	SC-23.3	Center for Riparian and Coastal Ecosystem Research	399
TULANE UNIVERSITY New Orleans, LA	DE-FG02-02ER63459 12/31/2004 Blake	SC-23.4	In-line Uranium Immunosensor	-19
XAVIER UNIVERSITY New Orleans, LA	DE-FG02-96ER20228 08/14/2008 Blake	SC-22.13	Molecular Characterization of Bacterial Respiration on Minerals	0
Total for LA :				3,496

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
BOSTON COLLEGE, TRUSTEES OF Chestnut Hill, MA	DE-FG02-99ER45747 05/31/2011 Wang	SC-22.22	Disorder and Interaction in Correlated Electron Systems	80
BOSTON COLLEGE, TRUSTEES OF Chestnut Hill, MA	DE-FG02-00ER45805 03/14/2011 Ren	SC-22.22	Nanoscale Coaxial Cables for Field Emission and Solar Energy Conversion	129
BOSTON COLLEGE, TRUSTEES OF Chestnut Hill, MA	DE-FG02-03ER54716 08/14/2007 Kalman	SC-24.2	Collective Behavior in Strongly Coupled Complex Plasmas	0
BOSTON COLLEGE, TRUSTEES OF Chestnut Hill, MA	DE-FG02-93ER14359 06/30/2009 Scott	SC-22.1	High Temperature Chemistry of Aromatic Hydrocarbons	185
BOSTON COLLEGE, TRUSTEES OF Chestnut Hill, MA	DE-FG02-91ER20025 08/31/2009 Roberts	SC-22.13	Osmoregulation in Methanogens	130
BOSTON COLLEGE, TRUSTEES OF Chestnut Hill, MA	DE-FG02-05ER63995 12/31/2010 Davidovits	SC-23.3	Laboratory Experiments and Instrument Development for the Study of Atmospheric Aerosols	89
BOSTON UNIVERSITY Boston, MA	DE-FG02-04ER63803 04/30/2007 Collins	SC-23.2	Rapid Reverse Engineering of Genetic Networks via Systematic Transcriptional Perturbations	579
BOSTON UNIVERSITY Boston, MA	DE-FG02-06ER64204 02/28/2009 Sue Wing	SC-23.3	Empirical & Computational Investigations of International Technology Spillovers: Effects on Income Convergence, Greenhouse Gas Emissions, & the International...	183
BOSTON UNIVERSITY Boston, MA	DE-FG02-06ER64178 01/14/2009 Schaaf	SC-23.3	Assessment and Enhancement of MODIS BRDF/Albedo Product at the ARM Southern Great Plains Site	59
BOSTON UNIVERSITY Boston, MA	DE-FG02-04ER25605 08/14/2008 Starobinski	SC-21.1	A Theory of Stability for Communication Networks	99
BOSTON UNIVERSITY Boston, MA	DE-FG02-91ER40676 01/31/2010 Stone	SC-25	Research in Particle Physics	2,071
BOSTON UNIVERSITY Boston, MA	DE-FG02-95ER14498 11/30/2010 Klein	SC-22.1	Collaborative Research: Failure of Rock Masses from Nucleation and Growth of Microscopic Defects and Disorder	133
BOSTON UNIVERSITY Boston, MA	DE-FG02-88ER13905 06/30/2002 Jones	SC-22.1	Photoinduced Electron Transfer in Ordered Macromolecular Assemblies	-1
BOSTON UNIVERSITY Boston, MA	DE-FG02-03ER15429 10/31/2005 Mullin	SC-22.11	Dynamics of Activated Molecules	-163
BOSTON UNIVERSITY Boston, MA	DE-FG02-06ER54887 07/14/2007 Oppenheim	SC-24.2	Collaborative Research: Meteor Plasmas - Dynamics and Radiowave Scattering	54

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
BOSTON UNIVERSITY Boston, MA	DE-FG02-06ER46332 08/14/2009 Paiella	SC-22.23	Plasmonic Band-Structure Engineering for Light-Emission Efficiency Enhancement	104
BOSTON UNIVERSITY Boston, MA	DE-FG02-06ER46316 08/31/2009 Chamon	SC-22.22	Quantum Nanowire Multi-Connections	211
BOSTON UNIVERSITY Boston, MA	DE-FG02-98ER45680 12/14/2009 Smith	SC-22.22	Electronic Structure in Low Dimensional and Correlated Solids	100
BOSTON UNIVERSITY Boston, MA	DE-FG02-85ER45222 12/31/2010 El-Batanouny	SC-22.23	Investigation of Spin, Charge and Orbital Ordering and Dynamics on the Surfaces of Cobaltate and Cuprate Crystals by Helium	182
BOSTON UNIVERSITY Boston, MA	DE-FC02-06ER41440 03/14/2011 Brower, Rebbi	SC-25	National Computational Infrastructure for Lattice Gauge Theory	88
BOSTON UNIVERSITY Boston, MA	DE-FG02-06ER41425 08/31/2007 Ahlen	SC-25	Development of a Direction-Sensitive Spin-Dependent Dark Matter Detector	115
BOSTON UNIVERSITY Boston, MA	DE-FG02-03ER46037 02/14/2012 Ludwig	SC-22.22	Real-time X-ray Studies of Surface and Thin Film Processes	107
BOSTON UNIVERSITY Boston, MA	DE-FC02-01ER41180 09/14/2006 Rebbi	SC-25	SciDAC: National Computational Infrastructure for Lattice Gauge Theory	0
BRANDEIS UNIVERSITY Waltham, MA	DE-FG02-06ER15815 08/14/2009 Ozerov	SC-22.12	Catalysis of C-F Activation by Highly Electrophilic Si Compounds	140
BRANDEIS UNIVERSITY Waltham, MA	DE-FG02-92ER40706 12/31/2009 Blocker	SC-25	Research in Elementary Particle Physics	680
CLARK UNIVERSITY Worcester, MA	DE-FG02-88ER40417 01/31/2007 Brenner	SC-26.1	Nuclear Structure Research	0
CLARK UNIVERSITY Worcester, MA	DE-FG02-02ER15367 01/14/2012 Kudrolli	SC-22.12	Physics of Channelization: Theory, Experiment, and Observation	59
CLARK UNIVERSITY Worcester, MA	DE-FG02-05ER46214 07/31/2009 Agosta	SC-22.22	Novel Superconducting States in Actinides and Other Anisotropic Superconductors	105
HAMPSHIRE COLLEGE Amherst, MA	DE-FG02-06ER64256 09/30/2009 Stillings	SC-23.2	Hampshire College National Center for Science Education: Expansion of Science Education Research and Outreach Activities	481
HARVARD COLLEGE Boston, MA	DE-FG02-05ER64089 06/30/2009 Little	SC-23.2	Bystander Effects of Ionizing Radiation	64

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
HARVARD COLLEGE Boston, MA	DE-FG02-05ER64116 08/14/2007 Yuan	SC-23.2	Low Dose IR Creates an Oncogenic Microenvironment by Inducing Premature Senescence in Stromal Fibroblasts	100
HARVARD COLLEGE Cambridge, MA	DE-FG02-02ER45978 03/31/2009 Silvera	SC-22.22	Experimental and Theoretical Study of Confined Charged Fermions: Multielectron Bubbles	150
HARVARD COLLEGE Cambridge, MA	DE-FG02-01ER45921 03/14/2011 Parks	SC-22.21	Electron Diffraction Determination of Nanoscale Structures	120
HARVARD COLLEGE Cambridge, MA	DE-FG02-00ER45852 01/31/2011 Whitesides	SC-22.23	Dynamic Self-Assembly, Emergence, and Complexity	346
HARVARD COLLEGE Cambridge, MA	DE-FG02-95ER62002 03/31/2007 Wofsy	SC-23.3	Measurements of Carbon Fluxes and Interactions with Ecological and Environmental Processes at Harvard Forest	301
HARVARD COLLEGE Cambridge, MA	DE-FG02-06ER46335 08/14/2010 Aziz	SC-22.23	Nanoscale Morphology Evolution under Ion Irradiation	93
HARVARD COLLEGE Cambridge, MA	DE-FC02-06ER25790 09/14/2011 Kaxiras	SC-21.1	Hierarchical Petascale Simulation Framework for Stress Corrosion Cracking	150
HARVARD COLLEGE Cambridge, MA	DE-FG02-06ER15763 12/31/2006 Madix	SC-22.12	The Dynamics of Adsorption on Clean and Adsorbate-Modified Transition Metal and Metal Oxide Surfaces	165
HARVARD COLLEGE Cambridge, MA	DE-FG02-01ER15197 10/31/2007 Herschbach	SC-22.1	Chemistry with Ultracold Molecules	120
HARVARD COLLEGE Cambridge, MA	DE-FG02-00ER15072 10/31/2006 Xie	SC-22.1	Studies of Protein Conformation and Dynamics via Single-Molecule Electron Transfer	21
HARVARD COLLEGE Cambridge, MA	DE-FG02-04ER63784 11/14/2007 Xie	SC-23.2	Real-Time Gene Expression Profiling of Live <i>Shewanella Oneidensis</i> Cells	794
HARVARD MEDICAL SCHOOL Boston, MA	DE-FG02-02ER63445 11/30/2011 Church	SC-23.2	Microbial Ecology, Proteogenomics and Computational Optima	3,572
HARVARD MEDICAL SCHOOL Boston, MA	DE-FG02-05ER64020 02/14/2007 Beckwith	SC-23.2	Race, Genetics and Medicine: New Information, Enduring Questions	0
HARVARD UNIVERSITY Cambridge, MA	DE-FG02-03ER15384 01/31/2009 Martin	SC-22.1	Growth and Dissolution of Iron and Manganese Oxide Films	95
HARVARD UNIVERSITY Cambridge, MA	DE-FG02-84ER13289 11/30/2009 Friend	SC-22.1	Exploiting Metastable Oxygen on Gold Surfaces for the Selective Functionalization of Olefins	130

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
HARVARD UNIVERSITY Cambridge, MA	DE-FG02-88ER13861 03/31/2009 Dalgarno	SC-22.1	Theoretical Investigations of Atomic Collision Physics	135
HARVARD UNIVERSITY Cambridge, MA	DE-FG02-84ER40158 11/30/2007 Wu	SC-25	The Theory of High Energy Collision Processes	40
HARVARD UNIVERSITY Cambridge, MA	DE-FG02-91ER40654 10/31/2011 Franklin, Strominger	SC-25	Research in High Energy Physics	2,566
HARVARD UNIVERSITY Cambridge, MA	DE-FG02-05ER46226 08/14/2008 Kaxiras	SC-22.22	Multiscale Studies of the Formation and Stability of Surface-Based Nanostructures	30
HARVARD UNIVERSITY Cambridge, MA	DE-FG02-03ER46091 08/31/2007 Suo	SC-22.23	Templated Self-Assembly of Nanostructures	0
HARVARD UNIVERSITY Cambridge, MA	DE-FG02-88ER45379 02/14/2010 Pershan	SC-22.23	Surface Studies of Liquid Metal: Electronic and Tokamak Interests	221
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-02ER63473 01/31/2007 Herzog	SC-23.3	Factors Affecting the Rate of Penetration of Large-Scale Electricity Technologies: The Case of Carbon Sequestration	0
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG07-02ER63490 09/14/2006 Rothman	SC-23.4	Multiphase Flow in Complex Fracture Apertures Under a Wide Range of Flow Conditions	0
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER63980 06/30/2008 Molina	SC-23.3	Characterization of Fine Particulate Matter (PM) and Secondary PM Precursor Gases in the Mexico City Metropolitan Area	175
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER63978 12/14/2007 Woskov	SC-23.4	Millimeter-Wave High Level and Low Activity Waste Glass Research	225
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER64053 05/14/2009 Engelward	SC-23.2	Mechanisms of Low Dose Radio-Suppression of Genomic Instability	394
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-06ER64320 08/31/2007 Prinn	SC-23.3	Methods for Developing Emissions Scenarios for Integrated Assessment Models	92
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-02ER45977 12/31/2010 Chen	SC-22.22	Heat Conduction in Nanowire Structures	114
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-03ER46076 11/30/2009 Lee	SC-22.22	Strongly Correlated Electronic Systems: Local Moments and Conduction Electrons	0
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-06ER41444 03/14/2011 Negele	SC-25	SciDAC: National Computational Infrastructure for Lattice Gauge Theory	113

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-06ER41420 06/30/2009 Formaggio	SC-26.1	OJI - Probing the Absolute Mass Scale	125
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-96ER45571 08/31/2010 Ceder	SC-22.22	First Principles Determination of Structure, Thermodynamics, and Transport in Metals and Oxides	12
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-90ER45429 10/31/2011 Chen	SC-22.23	Neutron and X-Ray Scattering Studies of the Liquid-Liquid Transition in Supercooled Confined Water and the Slow	327
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-99ER45778 07/31/2009 Joannopoulos	SC-22.22	Design and Fabrication of Photonic Crystals for Thermal Energy Conservation	199
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-95ER40919 03/31/2010 Chen	SC-25	Theoretical and Computational Investigation of Periodically Focused Intense Charged Particle Beams	215
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-94ER40818 10/31/2010 Milner	SC-26.1	Research in Nuclear Physics	9,849
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-01ER41193 01/14/2007 Negele	SC-25	SciDAC: National Computational Infrastructure for Lattice Gauge Theory	0
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER41360 10/31/2010 Milner	SC-25	Laboratory for Nuclear Science - High Energy Physics Program	9,523
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER41385 02/14/2009 Fisher	SC-25	Proposal for the Design and Construction of a Prototype Dark Matter Detector and Directional Sensitivity	136
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-93ER54209 11/30/2009 Temkin	SC-24.2	Electron Cyclotron Resonance Heating Technology Development	200
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-93ER54186 11/14/2012 Minervini	SC-24.2	Fusion Development and Technology	3,499
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-94ER54235 12/14/2010 Porkolab, Woskov, Whyte	SC-24.2	Experimental Research in Advanced Physics and Technology	604
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-91ER54109 11/14/2011 Catto	SC-24.2	Theoretical Research in Advanced Physics and Technology	1,278
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-98ER54458 10/31/2009 Kesner	SC-24.2	Levitated Dipole Experiment	1,780
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-99ER54512 10/31/2013 Marmar, Porkolab, Hutchinson	SC-24.2	Alcator C-Mod Fusion Research Program	19,262



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-99ER54525 03/14/2011 Bonoli	SC-24.2	Full-wave Studies of High Harmonic Heating in NSTX with Application to Transport Analysis, Fast Ion Interactions and Antenna Coupling	50
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-99ER54521 03/14/2009 Ram	SC-24.2	Heating and Current Drive in NSTX with Electron Bernstein Waves and High Harmonic Fast Waves	99
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-99ER54563 11/30/2011 Porkolab	SC-24.2	Fast Particle-Wave Interaction and Alfvén Eigenmodes in the JET Tokamak Plasma	126
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER46241 10/31/2009 Chen	SC-22.23	High Throughput Screening of Nanostructured Hydrogen Storage Materials	685
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER46253 08/31/2011 Ceder	SC-22.22	Thermodynamics and Kinetics of Phase Transformations in Hydrogen Storage Materials	350
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-04ER46134 04/30/2010 Lee	SC-22.21	A Unified Effort for Crystal Growth, Neutron Scattering, and X-ray Scattering Studies of Novel Correlated Electron	266
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-04ER46149 05/31/2011 Benedek	SC-22.23	Self-Assembling Biological Springs: Force Transducers on the Micron and Nanoscale	200
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-04ER54786 07/31/2009 Porkolab	SC-24.2	MIT Participation in The Center for Multiscale Plasma Dynamics	62
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-04ER54802 02/14/2011 Sugiyama	SC-24.2	Center for Extended Magnetohydrodynamic Modeling	69
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER54836 07/31/2011 Chen	SC-24.2	Exploration of Plasma Jets Approach to High Energy Density Physics	70
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-06ER54855 01/14/2011 Ramos	SC-24.2	SciDAC - Simulation of Wave Interactions with MHD	100
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-03ER54700 03/31/2009 Coppi	SC-24.2	Physics of High Energy Plasmas	436
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-03ER54712 08/14/2007 Porkolab	SC-24.2	Experimental Studies of Collisionless Reconnection Processes in Plasmas	0
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-01ER54648 03/31/2011 Bonoli	SC-24.2	Center for Simulation of Wave-Plasma Interactions	200
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-01ER63257 09/14/2009 Lindzen	SC-23.3	Mechanistically Based Diagnostics and Parameterizations for Climate Models	216

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-01ER63078 01/14/2007 Adams	SC-23.3	Sinking of CO2 Particle Plumes: Environmental Consequences of Direct Injection of CO2 into the Ocean	79
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-06ER54891 07/31/2009 Hutchinson	SC-24.2	Interactions of a Flowing Plasma with a Collecting Sphere	50
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-06ER54859 01/14/2011 Sugiyama	SC-24.2	SciDAC - Center for Plasma Edge Simulation	50
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-06ER54878 07/14/2009 Egedal-Pedersen	SC-24.2	Laboratory Studies of Reconnection in Magnetically Confined Plasmas	250
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-94ER61937 12/14/2010 Prinn, Jacoby	SC-23.3	An Integrated Framework for Climate Change Assessment	600
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-99ER15004 01/14/2012 Rothman	SC-22.12	Physics of Channelization: Theory, Experiment, and Observation	160
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-98ER14914 12/14/2010 Green, Jr.	SC-22.11	Computer-Aided Construction of Chemical Kinetic Models	130
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-99ER14988 10/31/2010 Tokmakoff	SC-22.11	Structural Dynamics in Complex Liquids Studied with Multidimensional Vibrational Spectroscopy	320
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-00ER15087 12/31/2010 Nelson	SC-22.1	Nonlinear Photoacoustic Spectroscopies Probed by Ultrafast EUV Light	145
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-86ER13564 11/30/2009 Schrock	SC-22.1	The Living Polymerization of 1,6-Heptadiynes	140
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-87ER13671 10/31/2011 Field	SC-22.11	Spectroscopic and Dynamical Studies of Highly Energized Small Polyatomic Molecules	160
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-97ER14760 06/30/2009 Evans	SC-22.1	Collaborative Research: Evolution of Pore Structure and Permeability of Rocks Under Hydrothermal Conditions	304
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-91ER40648 11/30/2009 Temkin	SC-25	17 GHz High Gradient Accelerator Research	305
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-04ER25631 09/14/2008 Edelman	SC-21.1	PetaScale Application Development Analysis	150
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-02ER25530 02/14/2006 Bazant	SC-21.1	Modeling and Simulation of Granular Flow in Pebble-Bed Nuclear Reactors	0

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-04ER25647 09/14/2008 Demaine	SC-21.1	Geometric Folding Algorithms	100
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER25681 08/14/2010 Negele	SC-21.1	Scientific Discovery with the Blue Gene/L	438
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER15745 10/31/2011 Nocera	SC-22.13	Hangman Catalysts for Photo- and Photoelectro- Chemical Activation of Water	185
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER15728 06/14/2011 Shao-Horn	SC-22.12	Activity and Stability of Nanoscale Oxygen Reduction Catalysts	200
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-05ER15665 05/14/2009 Ceyer	SC-22.1	An Exploration of Catalytic Chemistry on Au/Ni(111)	148
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FC02-01ER25454 07/31/2007 Greenwald	SC-21.1	A National Collaboratory to Advance the Science of High Temperature Plasma Physics for Magnetic Fusion	0
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-01ER25444 05/30/2007 Green, Jr.	SC-21.1	Collaboratory for Multi-Scale Chemical Science	0
MASSACHUSETTS INST. OF TECH. Cambridge, MA	DE-FG02-98ER25355 03/14/2008 Ghoniem	SC-21.1	Lagrangian Simulation of Combustion	0
MASSACHUSETTS, UNIV. OF-LOWELL Lowell, MA	DE-FG02-94ER40848 03/31/2011 Chowdhury	SC-26.1	Single-Particle and Collective Phenomena in Nuclei	130
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-92ER40715 12/31/2009 Willocq	SC-25	Experimental Elementary Particle Physics Research	570
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-96ER45612 06/14/2010 Russell	SC-22.23	Interfacial Behavior of Polymers: Using Interfaces to Manipulate Polymers	334
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-01ER63145 12/14/2004 Lovley	SC-23.2	Improving Functional Analysis of Genes Relevant to Environmental Restoration via an Analysis of the Genome of Geobacter	-3
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-01ER63221 02/14/2007 Lovley	SC-23.2	In Silico Modeling of Geobacter Species	492
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-98ER62604 06/30/2010 Bradley	SC-23.3	Regional-Scale Climate Variability on Decadal to Multi-Century Timescales	96
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-97ER62475 12/14/2006 Lovley	SC-23.4	Molecular Analysis of Rates of Metal Reduction and Metabolic State of Geobacter Species During in situ Uranium Bioremediation	100

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-04ER46126 03/14/2011 Russell	SC-22.21	Interfacial Assembly and Chemical Activity of Nanoparticles	114
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-88ER40415 12/31/2011 Miskimen, Kumar	SC-26.1	Precision Studies of QCD and Electro-Weak Interactions	316
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-90ER14150 12/31/2007 Monson	SC-22.1	Molecular Modeling of Solid-Fluid Phase Behavior	50
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-87ER13744 05/31/2011 Jackson	SC-22.11	Theory of the Reaction Dynamics of Small Molecules on Metal Surfaces	124
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-06CH11441 01/31/2009 Cahill, Leheny	SC-23	Integrative Science Building Project	722
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-03ER15421 08/14/2009 Baskin	SC-22.13	Cellulose and the Control of Growth Anisotropy	120
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-05ER64042 12/31/2006 Kostecki	SC-23.2	FY 2005 Congressional Earmark for the Center for the Environment at the University of Massachusetts Amherst	0
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-06ER64203 02/29/2008 Baker	SC-23.3	Climate Change Technology R&D Portfolio Decision Making Under Uncertainty	200
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FC02-02ER63446 08/31/2010 Lovley	SC-23.2	Genome-Based Models to Optimize In Situ Bioremediation of Uranium and Harvesting Electrical Energy from Waste Organic	6,159
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-02ER63423 07/31/2008 Lovley	SC-23.4	Nanowires, Capacitors, and Other Novel Outer-Surface Components Involved in Electron Transfer to Fe(III) Oxides in Geobacter Species	341
MASSACHUSETTS, UNIVERSITY OF Amherst, MA	DE-FG02-04ER63719 11/14/2006 Lovley	SC-23.4	Bioremediation Involved in Sustained Reductive Removal of Uranium in Contaminant Aquifers	354
MASSACHUSETTS, UNIVERSITY OF Boston, MA	DE-FG02-03CH11172 03/31/2009 Antonak	SC-23	Infrastructure Enhancement for UMASS Boston Venture Development Center	481
MASSACHUSETTS, UNIVERSITY OF Worcester, MA	DE-FG02-03ER63602 12/30/2007 Hnatowich	SC-23.2	Targeting Cancer with Radiolabeled Antisense Oligomers	0
MASSACHUSETTS, UNIVERSITY OF Worcester, MA	DE-FG02-04CH11243 12/31/2007 Fitzpatrick, Sullivan	SC-23	Nuclear Resonance Mass Spectrometer at the University of Massachusetts Medical School	241
MASSACHUSETTS-BOSTON, UNIV. OF Boston, MA	DE-FG02-84ER13242 06/30/2003 Van Willigen	SC-22.1	EPR Studies of Photochemical Reactions	-13

U.S. Department of Energy  
OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MOUNT HOLYOKE COLLEGE South Hadley, MA	DE-FG02-90ER40553 01/31/2010 Sutton	SC-25	Physics at BaBar and Double Beta Decay	73
NORTHEASTERN UNIVERSITY Boston, MA	DE-FG02-96ER45585 10/31/2006 Sokoloff	SC-22.22	Microscopic Mechanisms for Friction	0
NORTHEASTERN UNIVERSITY Boston, MA	DE-FG02-92ER45471 08/31/2006 Karma	SC-22.23	Phase-Field Modeling of Solidification Microstructures	85
NORTHEASTERN UNIVERSITY Boston, MA	DE-FG02-04ER63782 03/14/2007 Lewis	SC-23.2	Growing Uncultured Microorganisms From Soil Communities	254
TUFTS UNIVERSITY Medford, MA	DE-FG02-92ER40702 01/14/2012 Mann, Schneps	SC-25	High Energy Physics at Tufts University	816
TUFTS UNIVERSITY Medford, MA	DE-FG02-05ER15730 09/14/2011 Flytzani-Stephanopou	SC-22.12	Nanostructured, Metal-ion Modified Ceria and Zirconia Oxidation Catalysts	400
TUFTS UNIVERSITY Medford, MA	DE-FG02-06ER15799 06/30/2009 Rybak-Akimova	SC-22.12	Mechanism-Based Design of Biomimetic Green Oxidation Catalysts	160
ORCESTER POLYTECHNIC INSTITUTE Worcester, MA	DE-FG02-03ER46083 02/28/2007 Tryggvason	SC-22.23	Investigations of Bubbly Flows Using Direct Numerical Simulations	130
Total for MA :				83,023

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MD)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-89ER14074 02/28/2010 Veblen	SC-22.12	Crystal Chemistry of Toxic Metal Sequestration	205
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-96ER14662 11/14/2011 Meyer	SC-22.13	Electron Transfer Dynamics in Efficient Molecular Solar Cells	144
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-96ER14619 08/31/2007 Garven	SC-22.1	Physiochemical Evidence of Faulting Processes and Modeling of Fluid Flow in Evolving Fault Systems in Southern California	123
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-96ER14616 03/31/2011 Sverjensky	SC-22.12	Predictive Single-Site Protonation and Cation Adsorption Modeling	157
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-91ER14189 06/14/2011 Yarkony	SC-22.1	Theoretical Studies of the Reactions, and the Spectroscopy of Radical Species Relevant to Combustion Reactions and Diagnostics	130
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-03ER25578 09/14/2008 Cohen	SC-21.1	A Level-of-Detail Approach to Cluster-based Visualization	0
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-04ER25626 08/31/2008 Paulaitis	SC-21.1	Institute for Multiscale Modeling and Analysis of Complex Interactions in Biology	737
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-05ER15727 07/14/2011 Erlebacher	SC-22.12	Engineering Catalytic Nanoporous Metals for Reactions Important to the Hydrogen Economy	120
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-06ER15789 06/14/2007 Bender	SC-22.13	17th International Conference on Arabidopsis Research (June 28-July 2, 2006)	9
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-06ER15831 06/30/2008 Jahren	SC-22.12	Development of New Biomarkers for Surficial Earth Processes	101
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-99ER54523 02/28/2009 Finkenthal	SC-24.2	USXR Based MHD, Transport, Equilibria and Current Profile Diagnostics for NSTX	330
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-86ER53214 12/31/2010 Finkenthal	SC-24.2	USXR-XUV Diagnostics for Edge and Core of Magnetically Confined Plasmas	402
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FC02-06ER41454 08/31/2007 Kasen	SC-25	Computational Astrophysics Consortium: 3. Supernovae, Gamma Ray Bursts, and Nucleosynthesis	25
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-95ER45538 01/31/2009 Bowen	SC-22.21	Toward the Development of Cluster-Based Materials	128
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-03ER46090 09/30/2007 Spicer	SC-22.23	Theory and Modeling of Laser ultrasonic Interactions with Grain Boundaries	107

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MD)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-03ER46056 01/31/2010 Ma	SC-22.22	Amorphous Structures and Polymorphic Transitions in Metallic Glasses	114
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-02ER45983 12/31/2005 Broholm	SC-22.21	Pulsed Neutron Scattering Studies of Strongly Fluctuating Solids	0
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-04ER41337 07/31/2009 Maksimovic	SC-25	Enhancing the CDF's B Physics Program with a Faster Data Acquisition System	70
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-03ER41271 09/30/2008 Kaplan	SC-25	High-Energy Physics Outstanding Junior Investigator Program	60
JOHNS HOPKINS UNIVERSITY Baltimore, MD	DE-FG02-05ER63967 12/14/2006 Sgouros	SC-23.2	Patient-Specific Dosimetry and Radiobiological Modeling of Targeted Radionuclide Therapy	0
MARYLAND, UNIV OF BIOTECH INST Baltimore, MD	DE-FG02-93ER20106 08/31/2008 Sowers	SC-22.13	Physiology and Genetics of Biogenic Methane-Production from Acetate	120
MARYLAND, UNIV OF BIOTECH INST Baltimore, MD	DE-FG02-04ER63787 07/14/2008 Moult	SC-23.2	A Combined Informatics and Experimental Strategy for Improving Protein Expression	510
MARYLAND, UNIV OF BIOTECH INST Baltimore, MD	DE-FG02-05ER64041 09/30/2006 Chen	SC-23.2	Partial Support for U.S. Participants in the International Marine Biotechnology Conference 2005, in Newfoundland, Canada, June 7-12, 2005	0
MARYLAND, UNIVERSITY OF Baltimore, MD	DE-FG02-05ER64082 06/30/2008 Morgan	SC-23.2	A Mechanistic Study of the Radiation Quality Dependence of Bystander Effects in Human Cells	184
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-99ER20329 02/28/2009 Chang	SC-22.13	RTE1, A Novel Regulator of Ethylene Receptor Function	0
MARYLAND, UNIVERSITY OF College Park, MD	DE-FC02-01ER25489 06/14/2007 Hollingsworth	SC-21.1	PERC 2 High-End Computer System Performance: Scalable Science and Engineering	0
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-95ER20200 05/31/2007 Sze	SC-22.13	Regulating Intracellular Calcium in Plants: From Molecular Genetics to Physiology	0
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-06ER15761 11/14/2010 Mullin	SC-22.11	Dynamics of Activated Molecules	293
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-04ER25655 01/14/2009 O'Leary, Tits	SC-21.1	Interior Point Algorithms for Optimization Problems With Many Constraints	202
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-04ER25633 09/14/2007 Basili	SC-21.1	PetaScale Application Development Analysis	200

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MD)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-04ER25619 08/31/2011 Elman	SC-21.1	Navier-Stokes Solvers and Generalizations for Reacting Flow Problems	195
MARYLAND, UNIVERSITY OF College Park, MD	DE-FC02-06ER25763 12/14/2011 Hollingsworth	SC-21.1	Performance Engineering Research Center (PERC-3)	240
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-01ER15227 10/31/2008 Trouve	SC-22.1	Terascale High-Fidelity Simulations of Turbulent Combustion with Detailed Chemistry	80
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-01ER63197 08/31/2009 Fox-Rabinovitz	SC-23.3	Collaborative Research: Decadal-to-Centennial Climate & Climate Change Studies with Enhanced Variable &	280
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-00ER54605 11/30/2010 Ellis	SC-24.2	The Maryland Centrifugal Experiment (MCX): Centrifugally Confined Plasmas for Magnetic Fusion	517
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-02ER54672 06/14/2009 Haber	SC-24.2	Heavy Ion Ignition Accelerator Theory and Simulation	100
MARYLAND, UNIVERSITY OF College Park, MD	DE-FC02-04ER54784 07/31/2009 Dorland	SC-24.2	The Center for Multiscale Plasma Dynamics	500
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-05ER46227 08/14/2008 Einstein	SC-22.22	Multiscale Studies of the Formation and Stability of Surface-Based Nanostructures	30
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-99ER54516 01/31/2010 Hassam	SC-24.2	Theoretical Considerations for Centrifugally Confined Plasmas	40
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-92ER54178 08/14/2011 Kishek, Reiser, O'Shea	SC-24.2	Physics of Beams at Extreme Intensity for Heavy Ion Inertial Fusion	466
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-93ER54197 12/31/2010 Dorland	SC-24.2	Maryland Controlled Fusion Research	629
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-95ER54325 01/14/2011 Nusinovich, Granatstein	SC-24.2	Theory of Gyrotrons for Controlled Fusion Reactors	165
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-97ER41039 06/14/2009 Milchberg	SC-25	Application of Plasma Waveguides to Advanced High Energy Accelerators	535
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-97ER41015 10/31/2009 Hadley, Skuja	SC-25	High Energy Accelerator and Colliding Beam User Group	1,652
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-93ER40762 11/30/2010 Wallace	SC-26.1	Theoretical Studies in Hadronic and Nuclear Physics	673



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MD)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-93ER40802 04/30/2009 Mignerey	SC-26.1	Reaction Mechanism Studies of Heavy-Ion Induced Nuclear Reactions	200
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-94ER40855 06/30/2009 O'Shea, Haber	SC-25	Accelerator Research Studies	1,005
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-94ER40834 01/31/2009 Walters	SC-26.1	Nuclear Structure Research	240
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-96ER40949 04/30/2009 Dragt	SC-25	Advanced Methods for the Computation of Particle Beam Transport & Computation of Electromagnetic Fields & Beam-Cavity Interactions and Multiparticle Phenomena	167
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-02ER45975 06/30/2011 Culver	SC-22.23	Virus Assemblies as Templates for Nanocircuits	103
MARYLAND, UNIVERSITY OF College Park, MD	DE-FG02-01ER63258 12/31/2006 Nigam	SC-23.3	Distorted Representation of Atmospheric Water-cycle Variability Over the Great Plains in Climate Models: Causes and Implications	45
MONTGOMERY COLLEGE Rockville, MD	DE-FG02-06CH11429 09/30/2013 McLean	SC-23	Biotechnology Project	481
MORGAN STATE UNIVERSITY Baltimore, MD	DE-FG02-03ER63580 08/14/2008 Kennedy, Hill	SC-23.2	Development of Fluorescent Microsensors to Determine the Activity of Intracellular Proteins	770
Total for MD :				13,584

U.S. Department of Energy  
OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (ME)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MAINE, UNIVERSITY OF Orono, ME	DE-FG02-00ER63001 09/14/2009 Dail	SC-23.3	Economically Viable Harvesting Practices That Increase Carbon Sequestration	200
Total for ME :				200

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CENTRAL MICHIGAN UNIVERSITY Mount Pleasant, MI	DE-FG02-03ER15489 11/14/2009 Jackson	SC-22.11	Computational Nanophotonics: Modeling Optical Interactions and Transport in Tailored Nanosystem Acrhitectures	90
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-04ER63933 08/31/2009 Garrity	SC-23.2	Pipelining RDP Data to the "Taxomatic"	0
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-02ER63342 07/31/2008 Tiedje	SC-23.2	Integrated Analysis of Protein Complexes and Regulatory Networks Involved in Anaerobic Energy Metabolism of Shewanella Oneidensis MR-1	380
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-90ER45418 12/31/2006 Duxbury	SC-22.22	Co-operative Geometric Structures in Disordered Networks and Complex Materials	14
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-06ER41433 08/31/2008 Bieler	SC-25	Relationships Between Deformation & Microstructure Evolution	44
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-06ER41411 10/31/2008 Grimm	SC-26.1	Half-Reentrant Reduced-Beta SRF Elliptical Cavities	120
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-06ER41412 04/30/2008 Grimm	SC-26.1	RIA Superconducting Drift Tube Linac R&D	345
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-06ER41413 04/30/2009 Bollen	SC-26.2	Development of a Fast Cyclotron Gas Stopper for Rare Isotope Beams from Projectile Fragmentation: Study of Ion	150
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-06ER41414 04/30/2009 Zeller	SC-26.2	Design and Construction of a Radiation Resistant Quadrupole using Metal Oxide Insulated CICC	160
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-97ER45651 05/31/2009 Billinge, Thorpe	SC-22.21	Nanostructure Determination by Co-Refining Models to Multiple Data-Sets	377
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-99ER45793 08/31/2006 Kanatzidis	SC-22.23	Metal Flux Synthesis of Heterometallic Aluminum Silicides	148
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-95ER40931 03/14/2008 Berz	SC-25	Advanced Map Methods for the Description of Particle Beam Dynamics	330
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-98ER41070 06/30/2010 Westfall	SC-26.1	Study of the QCD Phase Diagram using STAR at RHIC	210
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-05ER41384 07/31/2007 Bollen	SC-26.1	Developments for High Resolution Mass Separation at RIA	0
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-05ER41381 06/30/2007 York	SC-26.1	Beam Loss Evaluations for RIA Driver Linac Using Advanced Simulation Tools	0

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-05ER41403 07/31/2007 Ronningen	SC-26.1	Determination of Component Activation and Radiation Environment in the Rare Isotope Accelerator Second Stripper Region	0
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-04ER41350 08/14/2007 Marti	SC-26.1	RIA Stripper Development: Diamond Foil	0
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-04ER41324 06/30/2006 York	SC-26.1	Optimization of RIA Stable Beam Distribution	0
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-04ER41313 08/14/2007 Ronningen	SC-26.1	Development of a Concept of High Power Beam Dumps and Catchers, & the Pre-Separator Area Layout for Fragment Separators for the Rare Isotope	0
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-04ER41314 07/31/2007 York	SC-26.1	Advanced Beam Dynamics Simulation Tools for RIA	35
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-04ER41322 07/31/2007 Bollen	SC-26.1	Development of a Concept for the ISOL Stations for RIA	0
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-03ER41247 07/31/2007 Grimm	SC-26.1	RIA 805 MHz b=0.47 Elliptical Accelerating Structure R&D (R&D Category: Driver Linac)	0
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-03ER41265 08/14/2009 Morrissey	SC-26.2	Development of Tools and Techniques for Momentum Compression of Fast Rare Isotopes	160
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-03ER41259 05/31/2009 Pratt	SC-26.1	Determining Properties of Matter Created at RHIC	63
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-05ER46211 05/31/2011 Mackay	SC-22.23	Nanoparticles Stabilize Thin Polymer Films; A Fundamental Study to Understand the Phenomenon	150
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-06ER46309 07/31/2009 Ruan	SC-22.21	Ultrafast Dynamics of Nano-Interfaces	149
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-06ER46341 08/31/2009 Birge	SC-22.22	Novel Behavior of Ferromagnet/Superconductor Hybrid Systems	150
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-97ER62469 11/14/2006 Tiedje	SC-23.4	Understanding the Roles of Spatial Isolation and Carbon in Microbial Community Structure Dynamics, and Activity	75
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-98ER62535 11/14/2007 Tiedje	SC-23.3	Molecular Approaches to Understanding C and N Dynamics in Marine Sediments and Their Role in Global Carbon Cycling	231
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-99ER62848 08/31/2009 Tiedje	SC-23.2	The Ribosomal Database Project: Tools and Sequences for Microbial Analysis	345

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-04ER15562 08/31/2007 Weber	SC-22.13	Maltose Biochemistry and Transport in Plant Leaves	119
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-01ER15143 12/31/2007 Dantus	SC-22.1	Probing and Controlling Intense Laser-Matter Interactions Using Phase, Amplitude and Polarization Shaped	125
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-01ER15120 06/30/2008 Swain	SC-22.1	Advanced Electrocatalytic Carbon Electrodes for PEMFCs	85
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-99ER15001 08/31/2008 Blanchard	SC-22.1	Nanoporous Structures for Rapid Size - and Stereo-Selective Chemical Separations	125
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-98ER14907 07/31/2010 Bruening	SC-22.1	Exploring New Methods and Materials in the Formation of Selective, High-Flux Membranes for CO2 Removal	115
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-01ER15228 05/31/2010 Piecuch	SC-22.1	New Single-and Multi-Reference Coupled-Cluster Methods for High Accuracy Calculations of Ground and Excited States	120
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-91ER20021 12/31/2011 Thomashow	SC-22.13	Interdisciplinary Research and Related Training Program in the Plant Sciences	4,200
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-06ER15822 08/31/2009 Geiger	SC-22.13	Structure, Function, and Regulation of the Enzymes in the Starch Biosynthetic Pathway	120
MICHIGAN STATE UNIVERSITY East Lansing, MI	DE-FG02-06ER15808 07/31/2009 Osteryoung	SC-22.13	Functional Analysis of ARC6 and Ftn2, Orthologous Regulators of Chloroplast and Cyanobacterial Cell Division	130
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FG02-92ER14282 10/31/2007 Beck	SC-22.1	Properties of Transition Metal Atoms and Ions	71
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FG02-95ER62125 03/31/2012 Burton, Pregitzer	SC-23.3	Impacts of Interacting Elevated Atmospheric CO2 & O3 on the Structure & Functioning of a Northern Forest Ecosystem: Operating and Decommissioning	1,430
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FG02-06ER46294 07/31/2010 Yap	SC-22.22	Hetero-Junctions of Boron Nitride and Carbon Nanotubes: Synthesis and Characterization	142
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FG02-99ER41107 04/14/2011 Nitz	SC-25	Studies of High Energy Particle Astrophysics	252
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FG02-04ER63821 12/31/2007 Mullins	SC-23.2	Michigan Technological University Center for Nanostructure and Light Weight Materials - Fuel Cells Research	481
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FG02-04ER63792 03/31/2008 Karnosky	SC-23.2	An Integrated Functional Genomics Consortium to Increase Carbon Sequestration in Poplars: Optimizing Aboveground Carbon Gain	316

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FG02-05ER64109 08/14/2009 Busov	SC-23.2	Genetic Modification of Gibberellic Acid Signaling to Promote Carbon Sequestration in Tree Roots and Stems	149
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FG02-05ER64112 05/21/2008 Harding	SC-23.2	A Genomics Investigation of Partitioning Into and Among Flavonoid-Derived Condensed Tannins for Carbon Sequestration in Populus	448
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FG02-06ER64151 11/14/2009 Busov	SC-23.2	Genome-Enabled Modification of Poplar Root Development for Increased Carbon Sequestration	130
MICHIGAN TECH. UNIVERSITY Houghton, MI	DE-FC02-06ER64158 11/30/2010 Burton	SC-23.3	Midwestern Regional Center of the National Institute for Climatic Change Research	2,189
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-05ER64057 05/31/2007 Parson	SC-23.3	Review of Integrated Scenario Development and Application	35
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-06ER64295 08/31/2007 Jablonowski	SC-23.3	Coupling an Adaptive-grid Finite-volume Dynamical Core to CAM3 Physics Parameterizations	25
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-95ER40899 10/31/2011 Amidei	SC-25	Properties and Interactions of Elementary Particles	3,707
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-04ER41331 07/14/2010 Chupp	SC-26.1	CP Odd Electric Dipole Moment Measurements with Rare Isotopes: The Radon-EDM Experiment	64
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-04ER41345 02/28/2006 Riles	SC-25	Linear Collider: Tracker Simulation Studies and Alignment Systems R&D	0
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-97ER45656 01/31/2011 Ewing	SC-22.22	Particle-Induced Modification of Complex Ceramics: Response of Materials to Extreme Conditions	184
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-94ER45526 11/30/2007 Campbell	SC-22.22	Unconventional Magnetism in Low Carrier Density Materials and Nanoparticle Composites	111
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-06ER41419 05/31/2007 Chupp	SC-26.1	Support for Summer School on Fundamental Neutron Physics - 2006 (June 4-11, 2006)	7
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-03ER46062 05/31/2008 Zikanov	SC-22.23	Large-Eddy Simulations of Anisotropic MHD Turbulence	66
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-03ER46094 11/14/2009 Glotzer	SC-22.22	Integrated Multiscale Modeling of Molecular Computing Devices	110
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-03ER46023 11/30/2005 Clarke	SC-22.21	X-ray Studies of Materials Dynamics at MHATT-CAT Sector 7 of the Advanced Photon Source	0

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-02ER46005 11/30/2009 Wang	SC-22.22	Nanostructure Patterning under Energetic Particle Beam Irradiation	0
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-02ER46000 11/30/2011 Glotzer	SC-22.23	Simulation of Self-Assembly of Tethered Nanoparticle Shape Amphiphiles	150
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-00ER45851 08/31/2007 Kaviany	SC-22.23	Structural Metrics for Low Thermal Conductivity Porous Crystals	112
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-06ER46339 08/14/2009 Goldman	SC-22.21	Determining the Origins of Electronic States in Semiconductor Nanostructures	120
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-06ER46273 01/31/2009 Clarke	SC-22.22	Synchrotron Radiation Studies of Materials Dynamics	153
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-04ER46172 08/31/2010 Mirecki-Millunchick	SC-22.22	Mechanisms for Surface Segregation in Compound Semiconductor Thin Films	120
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-05ER46191 08/14/2008 Thornton	SC-22.23	The Evolution of Topologically Complex Structures: Coarsening of Dendritic Mixtures	26
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-93ER61666 08/14/2009 Zak	SC-23.3	Ecosystem Response to Elevated Tropospheric Carbon Dioxide (CO2) and Ozone (O3) is Regulated by Plant-Microbe	400
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-87ER60561 12/31/2006 Kilbourn	SC-23.2	Advancing PET Science for New Measures of Brain Function	0
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-97ER62370 12/14/2010 Penner	SC-23.3	Cloud/Aerosol Parameterizations: Application and Improvement of General Circulation Models	100
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-01ER63248 09/14/2011 Penner	SC-23.3	Development of an Atmospheric Climate Model with Self-Adapting Grid and Physics	300
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FC02-04ER54788 07/31/2008 Gombosi	SC-24.2	The Center for Multiscale Plasma Dynamics	175
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-01ER15229 10/31/2008 Im	SC-22.1	Terascale High-Fidelity Simulations of Turbulent Combustion with Detailed Chemistry	85
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-99ER15000 07/31/2006 Yaghi	SC-22.1	Metal-Organic Frameworks for Highly Selective Separations	0
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-99ER14972 11/14/2009 Raithel	SC-22.11	Interactions of Cold Rydberg Atoms in a High-Magnetic-Field Atom Trap	130

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-00ER15031 02/28/2009 Reis	SC-22.1	Ultrafast X-Ray Coherent Control	150
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-04ER15582 08/31/2007 Ewing	SC-22.12	Experimental Study and Theoretical Modeling of Actinides and REE Speciation in Solid Phases: Applications for Actinide Waste Forms and U-free Inert	20
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-05ER15686 08/31/2011 Linic	SC-22.12	Adsorbate-Adsorbate Interactions on Metal Surface: First Principles DFT and ab-initio Thermodynamics Studies of Alkali	185
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-05ER15673 08/14/2009 Li	SC-22.13	Perception of Plant Steroid Hormones at the Cell Surface	120
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FG02-06ER15783 06/30/2009 Ewing	SC-22.12	Actinide Incorporation and Radiation Effects in U(VI) Solids	90
MICHIGAN, UNIVERSITY OF Ann Arbor, MI	DE-FC02-06ER25766 12/14/2011 Honeyman	SC-21.1	Petascale of Data Storage Institute	299
REPORATION FOR ADVANCED INT DEV Ann Arbor, MI	DE-FG02-06ER25740 08/14/2009 Summerhill	SC-21.1	Hybrid Multi-Layer Network Control for Emerging Cyber-Infrastructures	49
WAYNE STATE UNIVERSITY Detroit, MI	DE-FG02-04ER15593 10/31/2010 Suits	SC-22.11	Universal and State-Resolved Imaging Probes of Chemical Reaction Dynamics	160
WAYNE STATE UNIVERSITY Detroit, MI	DE-FG02-88ER13944 11/30/2007 Endicott	SC-22.1	Photoinduced Charge and Energy Transfer Processes in Molecular Aggregates	135
WAYNE STATE UNIVERSITY Detroit, MI	DE-FG02-96ER41005 02/28/2009 Karchin	SC-25	Particle Physics Research Program	310
WAYNE STATE UNIVERSITY Detroit, MI	DE-FG02-92ER40713 04/30/2011 Cormier	SC-26.1	Relativistic Heavy Ion Research	580
WESTERN MICHIGAN UNIVERSITY Kalamazoo, MI	DE-FG02-06CH11371 06/30/2008 Grammer, Emmert	SC-23	Western Michigan University Geosciences Initiative	577
WESTERN MICHIGAN UNIVERSITY Kalamazoo, MI	DE-FG02-03ER46082 08/31/2007 Berrah	SC-22.21	Studies of Complex Systems: From Atoms to Clusters	0
WESTERN MICHIGAN UNIVERSITY Kalamazoo, MI	DE-FG02-02ER45969 01/31/2008 Burns	SC-22.21	Development of a Sector Dedicated to Inelastic X-ray Scattering	1,000
WESTERN MICHIGAN UNIVERSITY Kalamazoo, MI	DE-FG02-99ER45772 12/31/2011 Burns	SC-22.21	X-ray and Transport Studies of Highly Correlated Systems	128



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WESTERN MICHIGAN UNIVERSITY Kalamazoo, MI	DE-FG02-04ER41320 05/14/2010 Wuosmaa	SC-26.1	Study of Light Exotic Nuclei Using Nucleon Transfer Reactions with Exotic Beams	80
Total for MI :				24,536

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
AUGSBURG COLLEGE Minneapolis, MN	DE-FG02-04CH11202 12/31/2009 Adamson	SC-23	Construction of "New Science Building"	962
MINNESOTA STATE UNIVERSITY Mankata, MN	DE-FG02-06ER64241 11/30/2008 Frey	SC-23.2	MN Center for Renewable Energy: Cellulosic Ethanol, Optimization of Bio-fuels in Internal Combustion Engines, & Course Development for Technicians in These Area	481
MINNESOTA, UNIVERSITY OF Duluth, MN	DE-FG02-98ER41087 05/31/2010 Hiller	SC-25	Nonperturbative Analysis of Field Theories Quantized on the Light Cone	37
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-03ER15455 08/31/2009 Que	SC-22.12	Bio-inspired Iron Catalysts for Hydrocarbon Oxidations	150
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-04ER15500 11/30/2009 Kohlstedt	SC-22.12	Rheological Properties of Earth's Lithosphere: Experimental Constraints on Low-Temperature Plasticity of Olivine-Rich	176
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-03ER15491 11/14/2005 Chelikowsky	SC-22.11	Scalable Methods for Electronic Excitations and Optical Responses of Nanostructures: Mathematics to Algorithms to Observables	-106
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-01ER15201 02/28/2008 VandenBosch	SC-22.13	Nodulation Genes of Medicago Truncatula Governing Early Responses to Rhizobia	120
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-01ER15221 01/31/2006 Smyrl	SC-22.12	Electrochemistry of Nanostructured Intercalation Hosts	0
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-02ER15353 09/14/2009 Olszewski, Hartweck	SC-22.13	Understanding the Role of O-GlcNAc Modifications in Plant Development	120
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-86ER13579 11/30/2010 Truhlar	SC-22.11	Variational Transition State Theory	135
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-87ER40328 01/31/2011 Kapusta, Qian, Heger	SC-26.1	Research in Theoretical Nuclear Physics	350
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FC02-01ER25505 09/14/2007 Numrich	SC-21.1	Center for Programming Models for Scalable Parallel Computing	0
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-03ER25554 04/30/2007 Weissman	SC-21.1	Community Services: Parallel Scientific Computation Made Easy	0
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-03ER25569 06/30/2008 Woodward	SC-21.1	Piecewise-Parabolic Methods for Parallel Computation with Applications to Unstable, Turbulent Fluid Flows	0
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-03ER25585 05/14/2009 Saad	SC-21.1	Scalable Methods for Electronic Excitations and Optical Responses of Nanostructures: Mathematics to Algorithms	100

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-04ER25629 09/14/2008 Numrich	SC-21.1	Petascale Application Development Analysis	150
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-05ER15670 08/31/2011 Glazebrook	SC-22.13	Functional Genomics Analysis of Plant Resistance to Pathogens: Impact of the Cell Wall	120
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-94ER40823 10/31/2010 Rusack, Olive	SC-25	Experimental and Theoretical High Energy Physics	2,427
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-02ER46004 08/31/2011 Goldman	SC-22.22	Tunneling and Transport in Nanowires	117
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-99ER45770 06/30/2007 Leo	SC-22.21	Microstructural Evolution and Interfacial Motion in Systems with Diffusion Barriers	0
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-06ER46275 03/14/2009 Leighton	SC-22.21	A Global Understanding of Magnetic Phase Separation in Doped Cobaltites	121
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-05ER46252 02/28/2011 Zhu	SC-22.23	Spectroscopy and Charge Transport at Organic Semiconductor and Organic/Insulator Interfaces	185
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-06ER46310 12/31/2007 Glazman	SC-22.22	Electron Coherence in Mesoscopic Structures	160
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-06ER46348 08/14/2010 Norris	SC-22.23	Modification of Thermal Emission via Metallic Photonic Crystals	218
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-06ER64274 07/31/2007 McMurry	SC-23.3	Workshop on New Particle Formation in the Atmosphere - September 7-9, 2006	11
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-06ER64216 03/14/2009 Matsumoto	SC-23.3	Changes in the Natural Ocean Carbon Cycle During the Industrial Period? An Assessment With Ensemble Runs Using a Reduced Complexity, Prognostic Biology...	199
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-06ER64223 03/31/2010 Penn	SC-23.4	The Reaction Specificity of Nanoparticles in Solution: Application to the Reaction of Nanoparticulate Iron and Iron-Bimetal	66
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-06ER64316 08/31/2009 Griffis	SC-23.3	Investigation of Carbon Cycle Processes within a Managed Landscape: An Ecosystem Manipulation and Isotope Tracer Approach	200
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-05ER63997 12/31/2010 McMurry	SC-23.3	Growth Rates of Freshly Nucleated Particles	222
MINNESOTA, UNIVERSITY OF Minneapolis, MN	DE-FG02-03ER63684 08/31/2007 Griffis	SC-23.3	Impacts of Land Management and Climate on Agroecosystem Greenhouse Gas Exchange in the Upper Midwest United States	0

U.S. Department of Energy  
OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MINNESOTA, UNIVERSITY OF St. Paul, MN	DE-FG02-03ER15417 07/14/2007 Gibson	SC-22.13	Characterization of Sugar Insensitive (sis) Mutants of Arabidopsis	50
MINNESOTA, UNIVERSITY OF St. Paul, MN	DE-FG02-03ER15414 08/31/2007 Ward	SC-22.13	Functional Analysis of Plant Sugar Transporters	49
Total for MN :				6,820

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MO)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
SITY OF SCIENCE AND TECHNOLOGY Rolla, MO	DE-FG02-03ER46067 07/31/2007 Armaly	SC-22.23	Convection Heat Transfer in Three-Dimensional Turbulent Separated/Reattached Flows	0
SITY OF SCIENCE AND TECHNOLOGY Rolla, MO	DE-FG02-84ER53175 11/30/2008 Olson	SC-24.2	Collisional Processes of Interest in MFE and IFE Plasma Research	99
SITY OF SCIENCE AND TECHNOLOGY Rolla, MO	DE-FG02-05ER46245 12/31/2008 Yelon	SC-22.21	In-Situ Neutron Diffraction Studies of Novel Hydrogen Storage Materials	300
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-03ER63616 12/14/2007 Deng	SC-23.4	Interfacial Reduction - Oxidation Mechanisms Governing Fate and Transport of Contaminants in the Vadose Zone	209
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-05ER64126 09/14/2008 Wall	SC-23.4	Identification of Molecular and Cellular Responses of <i>Desulfovibrio vulgaris</i> Biofilms Under Culture Conditions Relevant	40
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-05ER46203 05/31/2011 Vignale	SC-22.22	Time-Dependent Current Density-Functional Theory of Charge, Energy and Spin Transport in Nanoscale Conductors	100
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-05ER46213 12/31/2010 Ullrich	SC-22.22	Charge and Spin Dynamics in Bulk and Heterostructured Dilute Magnetic Semiconductors	90
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-06ER46307 08/14/2009 Zhang	SC-22.22	Effects of Current on Ferromagnets	110
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-00ER45818 11/30/2009 Satpathy	SC-22.22	Fundamental Studies of Magnetic Oxides from Electronic Structure Calculations	90
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-05ER15652 06/14/2009 Walker	SC-22.13	A Novel Family of Small Proteins that Affect Plant Development	120
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-04ER15607 05/31/2009 Thompson	SC-22.11	Theoretical Chemical Dynamics Studies of Elementary Combustion React	100
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-88ER13880 07/14/2011 Sharp	SC-22.1	Platinum Oxo Complex Reactivity and Dioxygen Activation	290
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-01CH11098 09/30/2007 Folk, Winship	SC-23	Cancer Research Facilities at the University of Missouri-Columbia	0
MISSOURI, UNIVERSITY OF Columbia, MO	DE-FG02-06CH11394 08/31/2010 Crist, Montgomery	SC-23	Health Sciences Research and Education Center Planning	1,443
MISSOURI, UNIVERSITY OF Kansas City, MO	DE-FG02-84ER45170 10/31/2009 Ching	SC-22.21	Theoretical Studies on the Electronics Structures and Properties of Complex Ceramic Crystals and Novel Materials	158

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MO)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-05ER15661 05/14/2011 Holten	SC-22.13	Fundamental Studies of Hydroporphyrin Architectures for Solar Energy Applications	130
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-06ER25737 08/14/2009 Chen	SC-21.1	Efficient Large-Scale Nonlinear Constrained Optimization Using Constraint Partitioning	99
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-04ER25624 12/14/2010 Fried	SC-21.1	Continuum Mechanical and Computational Aspects of Material Behavior	44
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-91ER40628 03/31/2011 Bender, Ogilvie, Bernard	SC-25	Studies in Quantum Field Theory and Astroparticle Physics	530
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-88ER40406 11/30/2011 Sarantites	SC-26.1	Investigations of Nuclear Structure and Nuclear Reactions	300
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-87ER40316 12/31/2010 Sobotka	SC-26.1	Studies of Complex Nuclear Decay in Heavy-Ion Reactions	230
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-87ER60512 12/30/2006 Welch	SC-23.2	Preparation of Radiopharmaceuticals Labeled with Metal Radionuclides	0
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-84ER60218 06/30/2008 Welch	SC-23.2	Labeling of Receptor Ligands and Other Compounds with Halogen Radionuclides	0
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-94ER61885 02/28/2007 Piwnica-Worms	SC-23.2	Imaging and Targeted Therapy of Multi-Drug Resistance	0
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-05ER46256 08/31/2011 Conradi	SC-22.22	NMR Hydrogen Storage Systems: Ionic Hydrides and Mobile Species	190
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-05ER41375 05/31/2011 Alford	SC-26.1	Signatures of Color Superconductivity in High-Density Quark Matter	105
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-05ER63972 12/14/2008 Stormo	SC-23.2	Identification and Characterization of Prokaryotic Regulatory Networks	197
WASHINGTON UNIVERSITY St. Louis, MO	DE-FG02-06ER64229 05/31/2009 Giammar	SC-23.4	Coupled Biogeochemical Processes Governing the Stability of Bacteriogenic Uraninite and Release of U(VI) in Heterogeneous Media: Molecular to Meter Scales	87
Total for MO :				5,061

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (MS)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
JACKSON STATE UNIVERSITY Jackson, MS	DE-FG02-06CH11393 03/31/2008 Okojie	SC-23	Bioengineering Complex Construction Project	1,925
MISSISSIPPI STATE UNIVERSITY Mississippi State, MS	DE-FG02-04ER63842 09/14/2007 Chamra	SC-23.2	Micro Cooling, Heating, and Power (Micro-CHP) and Bio-Fuel Center - Mississippi State University	962
MISSISSIPPI STATE UNIVERSITY Mississippi State, MS	DE-FG02-06ER46315 08/31/2009 Clay	SC-22.22	Theory of Coexisting Density Waves in Low Dimensional Quarter-Filled Band Molecular Solids	127
MISSISSIPPI STATE UNIVERSITY Mississippi State, MS	DE-FG02-00ER45830 06/30/2007 French	SC-22.21	Mississippi University Research Consortium for the Utilization of Biomass -- Phase II	0
MISSISSIPPI STATE UNIVERSITY Mississippi State, MS	DE-FG02-95ER40939 04/30/2010 Ma	SC-26.1	Experimental Nuclear Structure Studies	138
MISSISSIPPI STATE UNIVERSITY Mississippi State, MS	DE-FG02-96ER41006 06/30/2011 Winger	SC-26.1	Nuclear Structure of Exotic Nuclei with Radioactive Ion Beams	65
MISSISSIPPI STATE UNIVERSITY Mississippi State, MS	DE-FG02-04ER41330 08/14/2010 Dunne	SC-26.1	Intermediate Energy Nuclear Physics Program	60
MISSISSIPPI STATE UNIVERSITY Mississippi State, MS	DE-FG02-04ER15514 01/31/2009 Sygula	SC-22.12	Polynuclear Aromatic Hydrocarbons with Curved Surfaces: Buckybowls	100
MISSISSIPPI, UNIVERSITY OF University, MS	DE-FG02-91ER40622 04/30/2010 Cremaldi	SC-25	Experimental Study of Electroweak and Heavy Flavor Physics	530
MISSISSIPPI, UNIVERSITY OF University, MS	DE-FG02-03ER41282 02/28/2007 Cremaldi	SC-25	Accelerator R&D Projects for LC	0
MISSISSIPPI, UNIVERSITY OF University, MS	DE-FG02-04ER46121 04/30/2008 Bass	SC-22.21	Resonant Ultrasound Studies of Complex Transition Metal Oxides	142
MISSISSIPPI, UNIVERSITY OF University, MS	DE-FG07-01ER63286 09/14/2004 Hussey	SC-23.4	Novel Fission-Product Separation Based on Room-Temperature Ionic Liquids	0
MISSISSIPPI, UNIVERSITY OF University, MS	DE-FG02-05ER64005 12/14/2007 Hussey	SC-23.4	Fission-Product Separation Based on Room-Temperature Ionic-Liquids	63
Total for MS :				4,112

OFFICE OF SCIENCE  
 Information Management for Office of Science (IMSC)  
 Listing of Awards for State (MT)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MONTANA STATE UNIVERSITY Bozeman, MT	DE-FG02-06ER46269 12/31/2009 Neumeier	SC-22.21	Linear Thermal Expansion Measurements with Sub-Atomic Resolution for the Study of Phase Transitions in Novel Condensed Matter Systems	90
MONTANA STATE UNIVERSITY Bozeman, MT	DE-FG02-02ER45968 12/31/2007 Lapeyre	SC-22.21	Investigation of the Quantum Structure of Surfaces with Far UV Excitation Spectroscopies	0
MONTANA STATE UNIVERSITY Bozeman, MT	DE-FG02-04ER15563 08/31/2010 Peters	SC-22.13	Novel microbial based enzymatic CO2 fixation/carboxylation mechanisms	120
MONTANA STATE UNIVERSITY Bozeman, MT	DE-FG02-06ER64206 12/14/2009 Gerlach	SC-23.4	Mobility of Source Zone Heavy Metals and Radionuclides: The Mixed Roles of Fermentative Activity on Fate and	154
MONTANA, UNIVERSITY OF Missoula, MT	DE-FG03-02ER63411 06/30/2005 Rosenzweig	SC-23.4	The Role of Biogenic Solids in the Reductive Solubilization of Metal Contaminants	0
MONTANA, UNIVERSITY OF Missoula, MT	DE-FG02-01ER45869 12/31/2007 Bromenshenk	SC-22.21	Montana Organization for Research in Energy (MORE) Collaborative Research & Human Resources Program in Basic Electron	400
MONTANA, UNIVERSITY OF Missoula, MT	DE-FG02-03ER54699 03/31/2009 Ware	SC-24.2	High Beta Stellarator Studies and Cross Phase Dynamics in Turbulent Transport	66
Total for MT :				830



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NC)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
DAVIDSON COLLEGE Davidson, NC	DE-FG02-04ER25590 10/31/2010 Chartier	SC-21.1	Numerical Methods for Forward and Inverse Problems in Discontinuous Media	33
DUKE UNIVERSITY Durham, NC	DE-FG02-97ER41033 02/28/2009 Howell	SC-26.1	Studies of Nuclear Structure Using Neutrons and Charged Particles	2,542
DUKE UNIVERSITY Durham, NC	DE-FG02-01ER41175 12/31/2008 Tornow	SC-26.2	High Intensity Gamma-ray Source at Duke	0
DUKE UNIVERSITY Durham, NC	DE-FG02-03ER41231 12/14/2010 Gao	SC-26.1	Medium Energy Physics at Duke University	309
DUKE UNIVERSITY Durham, NC	DE-FG02-03ER41239 03/14/2008 Bass	SC-26.1	Modeling and Analysis of Ultra-Relativistic Heavy-Ion Collisions	81
DUKE UNIVERSITY Durham, NC	DE-FG02-05ER41367 03/14/2011 Mueller	SC-26.1	Nuclear Physics at Extreme Energy Density	185
DUKE UNIVERSITY Durham, NC	DE-FG02-05ER41368 03/14/2011 Springer	SC-26.1	Lattice and Effective Field Theory Studies of Quantum Chromodynamics	274
DUKE UNIVERSITY Durham, NC	DE-FG02-05ER41376 06/14/2010 Mehen	SC-26.1	Heavy Quarks, QCD, and Effective Field Theory	75
DUKE UNIVERSITY Durham, NC	DE-FG02-00ER63015 09/14/2009 Oren	SC-23.3	Controls of Net Ecosystem Exchange at an Old Field, a Pine Plantation, & a Hardwood Forest Under Identical Climatic & Edaphic	173
DUKE UNIVERSITY Durham, NC	DE-FG02-95ER62083 07/31/2009 Oren, Schlesinger	SC-23.3	Duke Forest FACE - Forest-Atmosphere Carbon Transfer and Storage (FACTS-I)	1,162
DUKE UNIVERSITY Durham, NC	DE-FG02-01ER15205 12/31/2008 Thomas	SC-22.1	Quantum Dynamics of Optically-Trapped Fermi Gases	135
DUKE UNIVERSITY Durham, NC	DE-FG02-91ER40665 11/30/2009 Goshaw	SC-25	Research in High Energy Physics at Duke University	1,052
DUKE UNIVERSITY Durham, NC	DE-FG02-05ER25675 05/14/2008 Dolbow	SC-21.1	Computational Strategies for Phase Transitions Driven by Coupled Stress and Diffusion: Application to the Kinetic of	67
DUKE UNIVERSITY Durham, NC	DE-FC02-06ER64156 11/30/2010 Jackson	SC-23.3	Southeastern Regional Center of the National Institute for Climatic Change Research	2,061
DUKE UNIVERSITY Durham, NC	DE-FG02-06ER64242 05/31/2009 Jackson	SC-23.3	The Interaction of Carbon Sequestration and Water Availability Along a Subambient to Elevated CO2 Gradient	275

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NC)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
DUKE UNIVERSITY Durham, NC	DE-FG02-06ER64273 07/14/2009 Hegerl, Corliss	SC-23.3	Reducing Uncertainties in Future Climate Projections by Quantifying Human Contributions to 20th Century Climate Change	282
DUKE UNIVERSITY MEDICAL CENTER Durham, NC	DE-FG02-05ER64101 01/31/2009 Jirtle	SC-23.2	Imprinted Genes and Transposons: Epigenomic Targets for Low Dose Radiation Effects	350
DUKE UNIVERSITY MEDICAL CENTER Durham, NC	DE-FG02-03ER63635 08/31/2007 Li	SC-23.2	Molecular Characterization of the Role of SOD Genes in Mammalian Cellular Response to Low Dose Ionizing	174
DUKE UNIVERSITY MEDICAL CENTER Durham, NC	DE-FG02-05ER63963 11/30/2006 Zalutsky	SC-23.2	Targeted Radiotherapeutics: Chemical and Biological Aspects	0
ELIZABETH CITY STATE UNIV. Elizabeth City, NC	DE-FG02-00ER25435 12/31/2008 Houston	SC-21.1	ECSU's Innovative 2005 - 2008 Computational Science - Scientific Visualization Project	250
METHODIST COLLEGE Fayetteville, NC	DE-FG02-06CH11451 11/30/2007 Raineri, Davenport	SC-23	Environmental Simulation Research Center for Occupational and Environmental Health, Safety and Compliance Research	481
NORTH CAROLINA CENTRAL UNIV. Durham, NC	DE-FG02-05ER41380 11/30/2008 Crowe	SC-26.1	A Proposal to Measure the Cross Section of the Space Star in Neutron-Deuteron Breakup in a Recoil Geometry Setup	74
NORTH CAROLINA CENTRAL UNIV. Durham, NC	DE-FG02-96ER54385 01/31/2012 Dutta	SC-24.2	Precision Characterization of Gyrotron Window Materials	72
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-05ER46221 10/31/2007 Feldheim	SC-22.23	RNA Mediated Synthesis of Catalysts for Hydrogen Production and Oxidation	250
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-05ER46238 08/31/2009 Gorman	SC-22.23	Direct Writing via Novel Aromatic Ladder Polymer Precursors	150
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-02ER41216 07/14/2010 McLaughlin	SC-26.1	Neutrinos and Nucleosynthesis: Supernovae, Gamma Ray Bursts, and Low Energy Beta Beams	100
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-03ER41260 07/14/2009 Schaefer	SC-26.1	Nuclear Theory at North Carolina State University	221
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-97ER41048 07/14/2006 Cotanch	SC-26.1	Theoretical Studies of Hadrons and Nuclei	0
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-97ER41042 03/31/2009 Mitchell, Huffman	SC-26.1	Nuclear Structure Research at the Triangle Universities Nuclear Laboratory	563
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-03ER46095 11/14/2009 Bernholc	SC-22.22	Integrated Multiscale Modeling of Molecular Computing Devices	220

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NC)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-02ER46003 08/31/2006 Koch	SC-22.23	Deformation Behavior of Nanostructured Materials; A Prerequisite for Design	0
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-86ER45259 10/31/2010 Whangbo	SC-22.23	Band Electronic Structures and Crystal Packing Forces	157
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-98ER45737 06/14/2010 Ade	SC-22.23	Organic Heterojunction Devices: Structure, Composition, and Performance	208
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-98ER45685 02/28/2010 Bernholc	SC-22.22	Theoretical Investigations of Nanoscale Structures	70
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-97ER45624 11/30/2011 Whitten	SC-22.23	Theoretical Studies of Surface Reactions on Metals and Electronic Materials	140
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-05ER25664 01/31/2009 Mueller	SC-21.1	MOLAR: MODular Linux and Adaptive Runtime support for HEC OS/R research	30
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-05ER25685 08/14/2009 Ma	SC-21.1	Runtime Data Management for Data-Intensive Scientific Applications	100
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FC02-01ER25484 02/14/2007 Vouk	SC-21.1	Scientific Data Management Integrated Software Infrastructure Center	0
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-96ER20219 07/31/2008 Kelly	SC-22.13	Polypeptide and Polysaccharide Processing by Heterotrophic Hyperthermophilic Microorganisms	50
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-00ER15065 06/30/2009 Boston	SC-22.13	Coordination of endoplasmic reticulum (ER) signaling during maize seed development	120
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-02ER15354 09/14/2011 Smirnov	SC-22.13	Nanotube-Supported Phospholipid Bilayers	130
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-03ER15442 12/31/2005 Chiang	SC-22.13	Regulation of Guaiacyl and Syringyl Monolignol Biosynthesis	0
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-03ER15490 09/14/2009 Hanck, Gunnoe	SC-22.12	Transition Metal Catalyzed Hydroarylation of Multiple Bonds: Exploration of Second Generation Ruthenium Catalysts and	140
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-97ER14771 08/14/2007 Hall	SC-22.1	Theoretical Treatment of the Thermophysical Properties of Fluids Containing Chain-like Molecules	50
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-96ER14632 05/14/2011 Lindsey	SC-22.13	Fundamental Studies of Hydroporphyrin Architectures for Solar Energy Applications	211

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NC)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-04ER63754 02/28/2010 Chiang	SC-23.2	Effects of Down- and Up-regulated Lignin Biosynthesis in Populus of Soil Carbon Transformation and Storage	323
NORTH CAROLINA STATE UNIV. Raleigh, NC	DE-FG02-04ER63752 12/14/2010 Lazzi	SC-23.2	Artificial Retina Project: Electromagnetic and Thermal Effects	185
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-05ER63975 12/14/2006 Ramsey	SC-23.4	Nanofluidic Structures for Electrokinetic-Based Hydraulic Pumps	0
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-04ER63929 08/31/2006 Webster	SC-23.3	Methods for Developing Emissions Scenarios for Integrated Assessment Models	0
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-97ER14776 10/31/2010 Baer	SC-22.1	Threshold Photoelectron Photoion Coincidence (TPEPICO) studies: The road to +/-0.1 kJ/mol Thermochemistry	145
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-06CH11460 10/31/2008 Pisano	SC-23	Collaborative Initiative in Biomedical Imaging to Study Complex Diseases	722
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FC02-01ER25471 06/14/2007 Minion	SC-21.1	An Algorithmic and Software Framework for Applied Partial Differential Equations	66
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-95ER20187 07/14/2009 Dangl	SC-22.13	Functions of Pseudomonas syringae type III effector proteins in plant disease and disease resistance	200
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-05ER15630 02/28/2009 Gagne	SC-22.12	Oxidative Addition at Anomeric Centers in the Pursuit of Value-Added Fine Chemical Feedstocks From Cardboard and Potatoes	125
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-05ER15671 09/14/2009 Jones	SC-22.13	Sugar Sensing in Arabidopsis via AtRGS1	120
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-05ER15669 07/31/2011 Kieber	SC-22.13	Regulation of Nuclear Localization of Signaling Proteins by Cytokinin	120
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-05ER15651 07/31/2009 Copenhaver	SC-22.13	Regulation of Meiotic Recombination	119
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-06ER15788 05/14/2009 Meyer, Papanikolas	SC-22.13	Metal-to-Ligand Charge Transfer Excited States on Surfaces and in Rigid Media.Application to Energy Conversion	320
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-06ER25721 05/31/2007 Mucha	SC-21.1	Model Interacting Particle Systems for Simulation and Macroscopic Description of Particulate Suspensions	123
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FC02-06ER25764 12/14/2011 Fowler	SC-21.1	Performance Engineering Research Center (PERC-3)	215

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NC)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-06ER41418 06/30/2009 Ng	SC-25	Theoretical Research in Cosmology, High-Energy Physics and String Theory at UNC-CH	200
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FC02-06ER41445 03/14/2011 Fowler	SC-25	National Computational Infrastructure for Lattice Gauge Theory	56
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-97ER41041 03/31/2009 Champagne, Henning	SC-26.1	Studies of Nuclear Processes	558
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-97ER41036 06/30/2006 Frampton	SC-25	Research in Theoretical Particle Physics	45
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-97ER41019 01/14/2012 Engel	SC-26.1	Nuclear Theory with Applications to Astrophysics and Particle Physics	97
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-03ER41262 06/30/2006 Dolan	SC-25	Research in Theoretical Particle Physics	40
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FC02-04ER41340 08/14/2006 Reed	SC-25	National Computational Infrastructure for Lattice Gauge Theory	110
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG02-05ER46261 09/14/2009 DeSimone	SC-22.23	Proton Exchange Membranes for Next Generation Fuel Cells	300
NORTH CAROLINA, UNIVERSITY OF Chapel Hill, NC	DE-FG07-01ER63290 09/14/2004 Wallen	SC-23.4	Physicochemical Processes Controlling Source Term from Tank Residuals	-6
NORTH CAROLINA, UNIVERSITY OF Charlotte, NC	DE-FG02-06ER46329 08/31/2009 Gbur	SC-22.22	A Study of Plasmonic Enhanced Transmission Effects in Nano-Optics	54
NORTH CAROLINA, UNIVERSITY OF Charlotte, NC	DE-FG02-06ER25733 08/14/2009 Lu	SC-21.1	Efficient Feature-Driven Visualization of Large Scale Scientific Data	100
NORTH CAROLINA, UNIVERSITY OF Charlotte, NC	DE-FG02-05ER25678 08/31/2011 Cai	SC-21.1	Numerical Methods of Computational Electromagnetics for Complex Inhomogeneous Systems	183
NORTH CAROLINA, UNIVERSITY OF Charlotte, NC	DE-FG02-03ER25565 06/30/2008 Ahn	SC-21.1	Secure Information Sharing within a Collaboratory Environment	0
WAKE FOREST UNIVERSITY Winston-Salem, NC	DE-FG02-03ER25581 09/14/2007 Fulp	SC-21.1	Firewall Architectures for High Speed Networks	0
EST UNIVERSITY HEALTH SCIENCES Winston Salem, NC	DE-FG02-06ER64240 07/31/2008 Atala	SC-23.2	Regeneration of Tissues and Organs Using Autologous Cells	722

Total for NC :

18,259

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (ND)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NORTH DAKOTA STATE UNIVERSITY Fargo, ND	DE-FG02-96ER14645 07/14/2011 Hershberger	SC-22.1	Kinetics and Product Channel Studies in Combustion Chemistry	88
NORTH DAKOTA, UNIVERSITY OF Grand Forks, ND	DE-FG02-06ER46292 07/14/2009 Seames	SC-22.21	The North Dakota DOE EPSCoR Infrastructure Improvement Program: Advances in the Fundamental Understanding of Coal	650
NORTH DAKOTA, UNIVERSITY OF Grand Forks, ND	DE-FG02-04ER46120 01/31/2008 Hoffmann	SC-22.21	Development and Parallel Computer Implementation of Quasidegenerate Perturbation Theory for Molecular Electronic Structure	148
NORTH DAKOTA, UNIVERSITY OF Grand Forks, ND	DE-FG02-04ER46115 12/31/2007 Mann	SC-22.21	Addressing System Integration Issues Required for the Development of Distributed Wind-Hydrogen to Energy	135
NORTH DAKOTA, UNIVERSITY OF Grand Forks, ND	DE-FG03-97ER62360 01/14/2005 Poellot	SC-23.3	Analysis of ARM In Situ Microphysical Measurements	0
NORTH DAKOTA, UNIVERSITY OF Grand Forks, ND	DE-FG02-03ER46030 02/14/2007 Andres	SC-22.22	Seasonal Emission Estimates of Global, Fossil-Fuel-Derived Carbon Dioxide Emissions	0
NORTH DAKOTA, UNIVERSITY OF Grand Forks, ND	DE-FG02-06ER64269 12/31/2008 Landis	SC-23.2	EERC Center for Biomass Utilization 2006	962
NORTH DAKOTA, UNIVERSITY OF Grand Forks, ND	DE-FG02-06ER64168 08/31/2008 Poellot	SC-23.3	Analysis of In Situ Observations of Cloud Microphysics from M-PACE	68
Total for ND :				2,051

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NE)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CREIGHTON UNIVERSITY Omaha, NE	DE-FG02-05CH11303 03/31/2007 Salzinger	SC-23	Construction Grant for "Renovation and Construction of Health Sciences Complex"	0
CREIGHTON UNIVERSITY Omaha, NE	DE-FG02-96ER40991 06/30/2011 Cherney	SC-26.1	A Study of Relativistic Heavy Ion Collisions	140
CREIGHTON UNIVERSITY Omaha, NE	DE-FG02-05ER46186 11/30/2007 Seger	SC-22.21	A Study of Ultra-Peripheral Collisions at RHIC	140
NEBRASKA, UNIV. OF KEARNEY Kearney, NE	DE-FG02-06ER64235 06/14/2008 Extrom	SC-23.2	CIBS Solar Cell Development, University of Nebraska at Kearney	770
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-00ER45827 06/30/2007 Choobineh	SC-22.23	Nebraska EPSCoR: DOE Research Implementation Program	0
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-04ER46152 06/18/2010 Sellmyer	SC-22.22	Studies of Artificially Structured Composite Magnets	90
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-06ER46264 06/15/2008 Leslie-Pelecky	SC-22.21	Magnetic Cluster States in Nanostructured Materials	150
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-05ER15663 05/14/2009 Umstadter	SC-22.11	Laser Produced Coherent X-Ray Sources	125
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-05ER15648 06/14/2008 Stone	SC-22.13	Role of a Transcriptional Regulator in Programmed Cell Death and Plant Development	120
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-04ER15531 08/31/2008 Morris	SC-22.13	The Role of a Host Protein (TIP) in the Resistance Response of Arabidopsis to Turnip Crinkle Virus Infection	120
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-04ER15532 08/31/2007 Ragsdale	SC-22.13	Enzymology of Methanogenesis: Mechanism of Methyl-Coenzyme M Reductase	140
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-04ER15564 08/31/2010 Mackenzie	SC-22.13	Influence of Translation Initiation on Organellar Protein Targeting in Arabidopsis	120
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-00ER15044 04/30/2009 Spreitzer	SC-22.13	Role of the Rubisco Small Subunit	130
NEBRASKA, UNIVERSITY OF Lincoln, NE	DE-FG02-03ER63639 09/14/2009 Verma	SC-23.3	Carbon Sequestration in Dryland and Irrigated Agroecosystems: Quantification at Different Scales for Improved	350
Total for NE :				2,395

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NH)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
DARTMOUTH COLLEGE Hanover, NH	DE-FG02-02ER15350 11/30/2009 Lynd	SC-22.13	Fundamental Aspects of Cellulose Utilization	81
DARTMOUTH COLLEGE Hanover, NH	DE-FG02-06ER15809 07/31/2009 Guerinot	SC-22.13	From the Soil to the Seed: Metal Transport in Arabidopsis	130
DARTMOUTH COLLEGE Hanover, NH	DE-FG02-05ER15704 09/14/2009 Schaller	SC-22.13	Post-transcriptional regulation of ethylene perception and signaling in Arabidopsis	120
DARTMOUTH COLLEGE Hanover, NH	DE-FG02-04ER63930 12/31/2008 Fisher-Vanden	SC-23.3	The Channels of Foreign Influence on the Innovation and Diffusion of Technology in China: Implications for Energy Use and	115
DARTMOUTH COLLEGE Hanover, NH	DE-FG02-06ER64225 03/14/2007 Fisher-Vanden	SC-23.3	Workshop on Technological Change and the Environment (March 25-26, 2006)	13
NEW HAMPSHIRE, UNIVERSITY OF Durham, NH	DE-FG02-05ER54832 07/14/2008 Bhattacharjee	SC-24.2	Reconnection Research at CMSO	147
NEW HAMPSHIRE, UNIVERSITY OF Durham, NH	DE-FG02-04ER54803 08/14/2007 Bhattacharjee	SC-24.2	Nonlinear Waves and Instabilities in Strongly Coupled Dusty Plasmas	70
NEW HAMPSHIRE, UNIVERSITY OF Durham, NH	DE-FG02-06ER54894 07/31/2009 Chen	SC-24.2	Collaborative Research: Laboratory Investigation of Alfvén Field Line Resonances and Electron Acceleration	11
NEW HAMPSHIRE, UNIVERSITY OF Durham, NH	DE-FG02-88ER40410 12/31/2011 Holtrop, Calarco, Hersman	SC-26.1	Electromagnetic Studies of Nucleon and Nuclear Structure	482
Total for NH :				1,169



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NJ)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CENTENARY COLLEGE Hackettstown, NJ	DE-FG02-06CH11373 09/14/2009 Hoyt, Albanese	SC-23	Expansion of Littell Technology Center	481
HACKENSACK UNIV MED CTR Hackensack, NJ	DE-FG02-06CH11398 08/31/2007 Heeley, Cunning	SC-23	Capital Support for the Sarkis and Siran Gabrellian Women's and Children's Pavilion at Hackensack University Medical Center	962
HACKENSACK UNIV MED CTR Hackensack, NJ	DE-FG02-06CH11399 01/31/2008 Korngold, Cunning	SC-23	Purchase of Cell Sorter for Division of Research at the Cancer Center at Hackensack University Medical Center	241
INSTITUTE FOR ADVANCED STUDY Princeton, NJ	DE-FG02-90ER40542 11/30/2009 Adler, Arkani-Hamed	SC-25	Problems in Particle Theory	680
NEW JERSEY INSTITUTE OF TECH Newark, NJ	DE-FG02-04ER25654 09/14/2008 Kriegsmann	SC-21.1	Applied Mathematical Problems in Microwave Processing of Ceramics	68
NEW JERSEY, THE COLLEGE OF Ewing, NJ	DE-FG02-06CH11400 06/30/2007 O'Connell, Fogarty	SC-23	Establish a Genomic Analysis Facility at The College of New Jersey	241
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-01ER54628 03/14/2008 Srolovitz, Car	SC-24.2	Multiscale Modeling of Defect Generation and Evolution in Metallic Alloys for Fusion Power	120
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-05ER54828 06/14/2011 Suckewer	SC-24.2	Attaining Ultra-High Laser Pulses by Raman Backscattering Amplification and Compression in Plasma	105
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-05ER54838 12/31/2008 Fisch	SC-24.2	Ultra-High Intensity Magnetic Field Generation in Dense Plasma	60
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-06ER54851 04/14/2009 Fisch	SC-24.2	Alpha Channeling in Mirror Machines	61
PRINCETON UNIVERSITY Princeton, NJ	DE-FC02-04ER54787 07/31/2009 Kevrekidis	SC-24.2	The Center for Multiscale Plasma Dynamics	115
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-00ER63009 11/30/2006 Sarmiento	SC-23.3	Carbon Sequestration by Fertilization: A Comprehensive Assessment Using Coupled Physical-Ecological Biogeochemical Models	205
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-01ER63196 08/31/2008 Bryan	SC-23.3	Testing Components of a New Community Isopycnal Ocean Circulation Model	32
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-06ER46344 09/14/2009 Selloni	SC-22.23	Theoretical Research Program on Bio-Inspired Inorganic Hydrogen Generating Catalysts and Electrodes	225
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-04ER46108 12/31/2011 Torquato	SC-22.23	Optimizing Interaction Potentials to Form Targeted Material Structures	130

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NJ)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-05ER46201 04/30/2011 Car	SC-22.22	Density Functional Theory with Dissipation: Transport Through Single Molecules	99
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-04ER46165 04/30/2011 Kahn	SC-22.22	Understanding and Design of Polymer Devices Interfaces	416
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-00ER45841 11/14/2009 Shayegan	SC-22.22	Magneto-Transport in GaAs Two-Dimensional Hole Systems	118
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-93ER45503 12/31/2006 Scoles	SC-22.23	Structure, Growth and Nanochemistry of Ultrathin Organic Films	0
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-97ER45642 05/31/2008 Scherer	SC-22.23	Stress from Confined Fluids	119
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-98ER45683 02/14/2010 Tsui	SC-22.22	Experiments on the Interplay of Disorder & Interactions in Quantum Hall Effect Related Electron Physics	132
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-99ER45797 09/14/2009 Haataja	SC-22.22	Structure and Dynamics of Interfaces	48
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-98ER45706 04/30/2010 Cava	SC-22.23	New Superconducting Materials	168
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-86ER13503 11/15/2008 Dryer	SC-22.1	Comprehensive Mechanisms for Combustion Chemistry: An Experimental and Numerical Study with Emphasis on Applied Sensitivity Analysis	120
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-87ER13714 04/30/2008 Debenedetti	SC-22.1	Fundamental Studies of Metastable Liquids	300
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-01ER15121 12/31/2008 Panagiotopoulos	SC-22.1	Molecular Simulation of Phase Equilibria for Complex Fluids	300
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-02ER15344 10/31/2011 Rabitz	SC-22.11	Control of Molecular Dynamics: Algorithms for Design, Analysis and Implementation	130
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-91ER40671 10/31/2011 Smith	SC-25	High Energy Physics Research	3,151
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-03ER25587 05/14/2009 E	SC-21.1	Integrated Multiscale Modeling of Molecular Computing Devices	0
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-05ER15631 09/30/2009 Carter	SC-22.11	Scalable Methods for Electronic Excitations and Optical Responses of Nanostructures: Mathematics to Algorithms to Observables	125

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NJ)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-05ER15636 01/31/2009 Peters	SC-22.12	Up-Scaling Geochemical Reaction Rates for CO2 in Deep Saline Aquifers	160
PRINCETON UNIVERSITY Princeton, NJ	DE-FC02-01ER25456 07/31/2007 Li	SC-21.1	SciDAC Fusiongrid Project--Collaborative Shared Displays	0
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-05ER63973 12/14/2007 Jaffe	SC-23.4	Reduction and Reoxidation of Soils During & After Uranium Bioremediation; Implications for Long-Term Uraninite	206
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-05ER64006 01/14/2009 Dabbs	SC-23.4	Precipitation and Deposition of Aluminum-Containing Phases in Tank Wastes	120
PRINCETON UNIVERSITY Princeton, NJ	DE-FG02-05ER64040 09/30/2006 Sarmiento	SC-23.3	DOE Ocean Carbon Sequestration Research Workshop 2005 - May 26th thru 27th	0
ROBERT WOOD JOHNSON UNIV. HOSP. New Brunswick, NJ	DE-FG02-04CH11206 12/31/2007 Ragovin, Burgis	SC-23	Linear Accelerator for the Cancer Hospital of New Jersey at Robert Wood Johnson University Hospital	0
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FG02-06ER46336 08/14/2010 Garofalini	SC-22.23	Atomistic Structure, Strength, and Kinetic Properties of Intergranular Films in Ceramics	180
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FG02-06ER46289 07/31/2009 Khachaturyan	SC-22.22	Mesoscale Interfacial Dynamics in Magnetoelectric Nanocomposites	50
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FC02-06ER54857 01/14/2011 Parashar	SC-24.2	SciDAC - Center for Plasma Edge Simulation	150
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FG02-96ER40987 06/30/2011 Mekjian	SC-26.1	Nuclei Under the Extreme Conditions of Density, Temperature, Isospin Asymmetry & the Phase Diagram of Hadronic Matter	54
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FG02-96ER40959 02/28/2010 Thomas	SC-25	Research in Theoretical High Energy Physics	405
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FG02-04ER41346 08/31/2006 Schnetzler	SC-25	Development of a Radiation-Hard, High Spatial-Precision, 4H-SiC Particle Detector Using Avalanche Multiplication	0
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FG02-01ER41165 02/28/2010 Neuberger	SC-25	Research in High Energy Physics - Theory	82
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FG02-99ER45761 08/14/2009 Kotliar, Abrahams	SC-22.22	Correlation Effects and Magnetism in Actinide: Elements and Compounds	123
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FG02-06ER64149 11/14/2008 Kerkhof	SC-23.3	Active Microbes Responding to Inputs From the Orinoco River Plume	906

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NJ)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
RUTGERS - STATE UNIV OF NJ New Brunswick, NJ	DE-FG02-05ER63969 12/31/2008 Barkay	SC-23.4	Microbial pathways for the mobilization of mercury as Hg(O) in anoxic subsurface environments	231
RUTGERS - STATE UNIV OF NJ Newark, NJ	DE-FG02-06ER15828 08/31/2009 Piotrowiak	SC-22.13	Kerr-Gated Microscopy with Subpicosecond Time Resolution: Application to Ultrafast Processes in Single Nanoparticles,	151
RUTGERS - STATE UNIV OF NJ Piscataway, NJ	DE-FG02-93ER14353 10/31/2007 Goldman	SC-22.1	Carbon-Hydrogen Bond Functionalization Catalyzed by Transition Metal Systems	0
RUTGERS - STATE UNIV OF NJ Piscataway, NJ	DE-FG02-93ER14331 02/14/2011 Bartynski	SC-22.1	Nanoscale Surface Chemistry: Over Faceted Substrates: Structure, Reactivity and Nanotemplates	179
RUTGERS - STATE UNIV OF NJ Piscataway, NJ	DE-FG02-01ER15256 01/14/2011 Galoppini, Piotrowiak	SC-22.1	Model Dyes for Study of Molecule-Semiconductor Interfaces and Electron Transfer Processes	125
RUTGERS - STATE UNIV OF NJ Piscataway, NJ	DE-FG02-99ER45742 11/14/2009 Andrei	SC-22.22	Experimental Studies of Superconductivity, Charge Ordering and Unconventional Electron Dynamics in Layered Materials	109
RUTGERS - STATE UNIV OF NJ Piscataway, NJ	DE-FG02-99ER45790 12/31/2011 Coleman	SC-22.22	Spin Driven Phenomena in Strongly Correlated Materials	125
RUTGERS - STATE UNIV OF NJ Piscataway, NJ	DE-FG02-01ER45928 03/14/2008 Burke	SC-22.22	Density Functional Theory with Dissipation: Transport Through Single Molecules	100
RUTGERS - STATE UNIV OF NJ Piscataway, NJ	DE-FG02-02ER63314 02/10/2006 Veron	SC-23.3	Application of Stochastic Radiative Transfer Theory to the ARM Cloud-Radiation Parameterization Problem	-29
SETON HALL UNIVERSITY South Orange, NJ	DE-FG02-06CH11396 12/31/2007 Demareski, De Martino	SC-23	Seton Hall Science/Tech Center, NJ	481
TEVENS INSTITUTE OF TECHNOLOGY Hoboken, NJ	DE-FG02-06ER25732 08/14/2009 Xu	SC-21.1	Numerical Stochastic Homogenization Method and Multiscale Stochastic Finite Element Method - A Paradigm for Multiscale Computation of Stochastic PDEs	98
TEVENS INSTITUTE OF TECHNOLOGY Hoboken, NJ	DE-FG02-97ER14791 01/31/2009 Tarnovsky	SC-22.11	Electron-Driven Ionization and Dissociative Attachment	92
Total for NJ :				13,050

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NM)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NEW MEXICO STATE UNIVERSITY Las Cruces, NM	DE-FG02-94ER40847 03/31/2009 Kyle	SC-26.1	Experimental Studies of Quark-Gluon Structure of Nucleons and Nuclei	342
NEW MEXICO STATE UNIVERSITY Las Cruces, NM	DE-FG02-96ER40965 03/31/2011 Burkardt, Engelhardt	SC-26.1	Quark Gluon Structure of Hadrons in QCD	99
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-99ER41104 05/14/2011 Ellison	SC-25	Investigations of Beam Dynamics Issues at Current and Future Hadron Accelerators	201
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-94ER40821 11/30/2011 Bassalleck, Fields	SC-26.1	Strange Particles and Heavy Ion Physics	342
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-04ER41300 02/28/2010 Matthews, Seidel, Gold	SC-25	New Mexico Center for Particle Physics (NMCPP) -- Task A: Collider Physics; Task A2 Collider Physics; Task B: Particle Astrophysics	692
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-05ER41388 08/14/2008 Seidel	SC-25	ADR: Fabrication & Testing of 3D Active-Edge Silicon Sensors: High Speed, High Yield	23
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-02ER46015 08/31/2009 Jain	SC-22.22	Two-Photon Absorption in Quantum Dots, Quantum Dashes, and Related Nanostructured Semiconductor Materials	0
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-06ER54895 07/31/2009 Watts	SC-24.2	Coupling of the Photosphere to the Solar Corona	99
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-06ER54898 07/31/2009 Gilmore	SC-24.2	Investigation of Intermittent Turbulence and Turbulent Structures in the Presence of Controlled Sheared Flow	119
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-04ER54791 01/31/2008 Gilmore	SC-24.2	Experimental Investigation of Active Feedback Control of Turbulent Transport in a Magnetized Plasma	162
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-04ER46119 01/31/2008 Vorobieff	SC-22.21	DOE EPSCoR: Experimental and Numerical Investigation of Flows in Expanding Channels	150
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-05ER25662 01/31/2009 Maccabe	SC-21.1	A Framework for Adaptable Operating and Runtime Systems	252
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-05ER25705 08/14/2009 Ingber	SC-21.1	Localized Scale Coupling and New Educational Paradigms in Multiscale Mathematics and Science	125
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-05ER15694 07/31/2011 Guo	SC-22.11	Quantum Dynamics of Elementary Chemical Reactions	92
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-05ER15712 08/31/2011 Datye	SC-22.12	Nanostructured Catalysts for Hydrogen Generation from Renewable Feedstocks	240

OFFICE OF SCIENCE  
 Information Management for Office of Science (IMSC)  
 Listing of Awards for State (NM)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-06ER15765 03/31/2009 Kemp	SC-22.12	Direct Epoxidations Using Molecular Oxygen	250
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-03ER15419 07/31/2009 Paine	SC-22.12	Preorganized and Immobilized Ligands for Metal Ion Separations	135
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-02ER15368 11/14/2009 Brinker	SC-22.1	Catalytic and Transport Behaviors of Model Porous and Composite Nanostructures	167
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG02-03ER63591 07/31/2007 Sinsabaugh	SC-23.3	Mechanisms Controlling Soil Carbon Sequestration Under Nitrogen Deposition	0
NEW MEXICO, UNIVERSITY OF Albuquerque, NM	DE-FG07-02ER63508 09/14/2005 Asmerom	SC-23.4	Field-Scale In Situ Measurements of Vadose Zone Flow and Transport Using Multiple Tracers at INEEL Vadose Zone Research Park	0
Total for NM :				3,490

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NV)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
ADA SYSTEM OF HIGHER EDUCATION Las Vegas, NV	DE-FG02-06ER46295 07/31/2009 Czerwinski	SC-22.21	Investigations of the Fundamental Surface Reactions Involved in the Sorption and Desorption of Radionuclides	700
, UNIV. LAS VEGAS RES. FOUND. Las Vegas, NV	DE-FG02-05ER64123 03/30/2007 Czerwinski	SC-23.2	Radiochemistry Education and Research Center	0
, UNIV. LAS VEGAS RES. FOUND. Las Vegas, NV	DE-FG02-04ER63941 06/30/2007 Culbreth	SC-23.2	Advanced Environmental Control and Life Support Technology Demonstrator	0
, UNIV. LAS VEGAS RES. FOUND. Las Vegas, NV	DE-FG02-04ER63884 09/30/2007 Sandgren	SC-23.2	Safety and Risk Analysis for Hazardous and Radioactive Materials Transportation	0
, UNIV. LAS VEGAS RES. FOUND. Las Vegas, NV	DE-FG02-04ER63880 12/31/2006 Williams	SC-23.2	Next-Generation Mega-Voltage Imaging System for Cargo Container Inspection	0
NEVADA, UNIVERSITY OF Las Vegas, NV	DE-FG02-03ER63651 09/14/2009 Nowak	SC-23.3	Biotic Processes Regulating the Carbon Balance of Desert Ecosystems	731
NEVADA, UNIVERSITY OF Las Vegas, NV	DE-FG02-04ER63733 06/30/2007 Czerwinski	SC-23.4	Microbial Transformations of Tru and Mixed Wastes: Actinide Speciation and Waste Volume Reduction	70
NEVADA, UNIVERSITY OF Las Vegas, NV	DE-FG02-02ER63361 08/31/2007 Smith	SC-23.3	Effects of Changing Water and Nitrogen Inputs on a Mojave Desert Ecosystem	0
NEVADA, UNIVERSITY OF Las Vegas, NV	DE-FG02-06ER64231 05/31/2008 Klicka	SC-23.2	Assessing the Status of Threatened and Endangered Mojave Desert Birds: A Conservation Genetics Approach	241
NEVADA, UNIVERSITY OF Reno, NV	DE-FG02-03ER63650 09/14/2007 Nowak	SC-23.3	Effects of Elevated CO2 on Root Function and Soil Respiration in a Mojave Desert Ecosystem	0
NEVADA, UNIVERSITY OF Reno, NV	DE-FG02-03ER15424 01/31/2010 Phaneuf	SC-22.1	Energetic Photon and Electron Interactions with Positive Ions	82
NEVADA, UNIVERSITY OF Reno, NV	DE-FG02-04ER15626 08/31/2009 Harper	SC-22.13	Membrane Targeting of P-type ATPases in Plant Cells	130
NEVADA, UNIVERSITY OF Reno, NV	DE-FG02-06ER54900 07/31/2009 Winterberg	SC-24.2	Magnetic Booster Fast Ignition Macron Accelerator	24
NEVADA, UNIVERSITY OF Reno, NV	DE-FG02-06ER54892 07/31/2008 Bauer	SC-24.2	Radiation-Magnetohydrodynamic Evolution and Instability of Conductors Driven by Megagauss Magnetic Fields	930
NEVADA, UNIVERSITY OF Reno, NV	DE-FG02-05ER54837 07/31/2009 Sentoku	SC-24.2	Isochoric Heating of Hot Dense Matter by Laser-Magnetized Plasma Interaction	30

OFFICE OF SCIENCE  
 Information Management for Office of Science (IMSC)  
 Listing of Awards for State (NV)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NEVADA, UNIVERSITY OF Reno, NV	DE-FG02-04ER54752 02/14/2012 Bauer	SC-24.2	Intense Magnetized Plasma-Wall Interaction	295
N NEVADA, COMMUNITY COLLEGE OF North Las Vegas, NV	DE-FG02-06CH11395 03/31/2008 Pate, Bucelato	SC-23	Community College of Southern Nevada Transportation Academy	481
N NEVADA, UNIV. MEDICAL CENTER Las Vegas, NV	DE-FG02-06CH11372 03/31/2007 Yedinak	SC-23	Radiology/Oncology and Diagnostics Development Program	962
NIV & COM COL SYSTEM OF NEVADA Las Vegas, NV	DE-FG02-00ER45831 08/31/2006 Cowan	SC-22.22	Robust Radiography Device Issues and Studies	75
Total for NV :				4,751



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
BRONX COMMUNITY COLLEGE Bronx, NY	DE-FG02-04CH11210 12/31/2009 Seliger	SC-23	Center for Sustainable Energy at Bronx Community College	962
BROOKLYN COLLEGE OF CUNY Brooklyn, NY	DE-FG02-06CH11450 06/30/2007 Hainline	SC-23	Equipment for Improvement for Brooklyn College Scientific Imaging Facilities	722
COLUMBIA UNIVERSITY New York, NY	DE-FG02-03ER54696 02/14/2012 Boozer	SC-24.2	Resistive Wall Modes and Error Field Amplification	138
COLUMBIA UNIVERSITY New York, NY	DE-FG02-04ER54761 02/14/2010 Navratil	SC-24.2	MHD Mode Control Research in DIII-D	320
COLUMBIA UNIVERSITY New York, NY	DE-FC02-06ER54862 01/14/2011 Keyes	SC-24.2	Center for Plasma Edge Simulation	100
COLUMBIA UNIVERSITY New York, NY	DE-FC02-06ER54863 01/14/2011 Keyes	SC-24.2	Center for Simulation of Wave Interactions with Magnetohydrodynamics	40
COLUMBIA UNIVERSITY New York, NY	DE-FG02-05ER46215 07/14/2011 Kim	SC-22.22	Investigation of the Quantum Limit Transport Phenomena in Graphene	100
COLUMBIA UNIVERSITY New York, NY	DE-FG02-04ER46118 04/30/2009 Nuckolls	SC-22.23	Electronics from Nano-Scale Crystals	550
COLUMBIA UNIVERSITY New York, NY	DE-FG02-04ER46169 08/31/2010 Millis	SC-22.22	Theory of Surface and Interface Physics of Correlated Electron Materials	100
COLUMBIA UNIVERSITY New York, NY	DE-FG02-04ER46157 07/14/2010 Osgood	SC-22.22	Mapping the Electron Response of Nanomaterials	200
COLUMBIA UNIVERSITY New York, NY	DE-FG02-86ER53222 11/30/2009 Navratil	SC-24.2	High Beta Tokamak Research	900
COLUMBIA UNIVERSITY New York, NY	DE-FG02-95ER54333 01/31/2010 Boozer	SC-24.2	Stellarator Theory	197
COLUMBIA UNIVERSITY New York, NY	DE-FG02-00ER54585 08/14/2009 Mauel	SC-24.2	Nonlinear Dynamics of Strong Interchange Instabilities in a Rotating Dipole-Confined Plasma	129
COLUMBIA UNIVERSITY New York, NY	DE-FG02-99ER54524 03/14/2011 Sabbagh	SC-24.2	Study of MHD Stability and Active Mode Control in NSTX	476
COLUMBIA UNIVERSITY New York, NY	DE-FG02-98ER54459 10/31/2009 Mauel	SC-24.2	Levitated Dipole Experiment	416

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
COLUMBIA UNIVERSITY New York, NY	DE-FG02-98ER54464 01/14/2010 Sen	SC-24.2	Basic Physics of Tokamak Transport and Feedback Control	317
COLUMBIA UNIVERSITY New York, NY	DE-FG02-93ER40764 12/14/2010 Gyulassy	SC-26.1	Theory of Ultra-Dense Matter and the Dynamics of High Energy Interactions Involving Nuclei	280
COLUMBIA UNIVERSITY New York, NY	DE-FG02-92ER40699 11/30/2010 Lee	SC-25	Theoretical High Energy Physics	1,673
COLUMBIA UNIVERSITY New York, NY	DE-FG02-05ER41389 08/14/2007 Aprile	SC-25	A New Electrostatically-Focused, UV HPD for Liquid Xenon: A Direct Comparison with APD, PMT, SiPM in an Integrated Database	0
COLUMBIA UNIVERSITY New York, NY	DE-FG02-03ER15463 09/14/2009 Heinz	SC-22.12	Controlling Structural, Electronic, and Energy Flow Dynamics of Catalytic Processes Through Tailored Nanostructures	345
COLUMBIA UNIVERSITY New York, NY	DE-FG02-97ER14807 05/31/2010 Norton	SC-22.1	Catalytic Applications of H. Transfer from Transition-Metal Hydride Complexes	130
COLUMBIA UNIVERSITY New York, NY	DE-FG02-98ER14861 02/28/2011 Brus	SC-22.13	Metallic Carbon Nanotubes and Silver Nanocrystals	169
COLUMBIA UNIVERSITY New York, NY	DE-FG02-01ER15264 01/31/2011 Nuckolls, Brus	SC-22.12	Catalytic Growth of Molecular-Scale Wiring	135
COLUMBIA UNIVERSITY New York, NY	DE-FG02-93ER14339 07/31/2009 Parkin	SC-22.12	Fundamental Studies of Metal Centered Transformations Relevant to Catalysis	160
COLUMBIA UNIVERSITY New York, NY	DE-FG02-90ER14162 04/30/2009 Friesner	SC-22.1	Theoretical Studies of Photoactive Molecular Systems: Electron Transfer, Energy Transport, and Optical Spectroscopy	160
COLUMBIA UNIVERSITY New York, NY	DE-FG02-91ER14225 11/30/2006 Valentini	SC-22.1	Single-Collision Studies of Energy Transfer and Chemical Reaction	0
COLUMBIA UNIVERSITY New York, NY	DE-FG02-91ER14226 01/31/2010 Eisenthal	SC-22.1	Photochemistry at Interfaces	145
COLUMBIA UNIVERSITY New York, NY	DE-FG02-90ER14104 01/31/2011 Osgood	SC-22.1	Laser Dynamic Studies of Photoreactions on Nanostructured Surfaces	109
COLUMBIA UNIVERSITY New York, NY	DE-FG02-88ER13937 06/30/2009 Flynn	SC-22.1	Scanning Tunneling Microscopy Studies of the Structure and Chemistry of Polycyclic Aromatic Hydrocarbons on Graphite Surfaces	160
COLUMBIA UNIVERSITY New York, NY	DE-FG02-92ER25126 08/31/2007 Goldfarb	SC-21.1	Algorithms for Mathematical Programming	99

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
COLUMBIA UNIVERSITY New York, NY	DE-FC02-06ER25783 09/14/2011 Keyes	SC-21.1	Towards Optimal Petascale Simulations (TOPS)	160
COLUMBIA UNIVERSITY New York, NY	DE-FG02-86ER40281 11/14/2010 Zajc	SC-26.1	Studying Fundamental Matter with High Transverse Momentum Probes	830
COLUMBIA UNIVERSITY New York, NY	DE-FG02-91ER40669 11/14/2008 Marshall	SC-25	Experimental Research on a Laser Cyclotron Autoresonance Accelerator	140
COLUMBIA UNIVERSITY New York, NY	DE-FG02-04ER25652 09/14/2007 Keyes	SC-21.1	Gyrokinetic Particle Simulations of Turbulent in Burning Plasmas	80
COLUMBIA UNIVERSITY New York, NY	DE-FG02-04ER25595 12/14/2006 Keyes	SC-21.1	Terascale Optimal PDE Simulations SciDAC ISIC	183
COLUMBIA UNIVERSITY New York, NY	DE-FG02-03ER25562 08/14/2007 Nieh	SC-21.1	Migration Mechanisms for Large-Scale Parallel Applications	0
COLUMBIA UNIVERSITY New York, NY	DE-FG02-05ER64054 05/14/2009 Geard	SC-23.2	The Adaptive Response, Genetic Haplo-Insufficiency and Genomic Instability	356
COLUMBIA UNIVERSITY New York, NY	DE-FG02-05ER64055 12/31/2009 Balajee	SC-23.2	Cellular Response to Low Dose Radiation: Role of Phosphatidylinositol-3 Kinase Like Kinases	340
COLUMBIA UNIVERSITY New York, NY	DE-FG02-06ER64217 02/28/2008 Brenner	SC-23.2	7th International Workshop on Microbeam Probes of Cellular Radiation Response	29
COLUMBIA UNIVERSITY New York, NY	DE-FG02-02ER63413 07/14/2010 Robertson	SC-23.3	Collaborative Research: Regional Climate-Change Projections Through Next-Generation Empirical and Dynamical Models	44
COLUMBIA UNIVERSITY New York, NY	DE-FG02-03ER63441 11/14/2007 Hall	SC-23.2	Mechanisms of the Bystander Effect	0
COLUMBIA UNIVERSITY New York, NY	DE-FG02-03ER63647 08/31/2006 Brenner	SC-23.2	mFISH Measurements of Chromosomal Aberrations in Individuals Exposed in Utero to Gamma-Ray Doses from 5-20 cGy (Glue Grant)	53
COLUMBIA UNIVERSITY New York, NY	DE-FG02-03ER63631 08/31/2006 Brenner	SC-23.2	Is Increased Low-Dose Radiosensitivity Associated with Increased Transgenerational Germline Mutation	183
COLUMBIA UNIVERSITY New York, NY	DE-FG02-03ER63600 12/31/2007 Bergmann	SC-23.2	Noninvasive Imaging of Administered Progenitor Cells	0
COLUMBIA UNIVERSITY New York, NY	DE-FG02-04ER63725 02/28/2007 Tselioudis	SC-23.3	A Study to Investigate Cloud Feedback Processes and Evaluate GCM Cloud Variations Using Statistical Cloud	106

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
BIA UNIVERSITY HEALTH SCIENCES New York, NY	DE-FG02-03ER63629 08/31/2007 Hall	SC-23.2	Individual Genetic Susceptibility	556
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-05ER46198 04/30/2009 Elser	SC-22.22	Algorithms for Diffractive Microscopy	100
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-04ER46154 06/14/2010 Sievers	SC-22.3	Holographic Spectroscopy for Rapid Electron Bunch Analysis: Development of an Instrument with THz Resolved Optical Gating	130
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-05ER46250 08/31/2011 Abruna	SC-22.23	Basic Research for the Hydrogen Fuel Initiative	250
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-05ER46259 09/14/2008 DiSalvo	SC-22.23	Novel Intermetallic Catalysts to Enhance PEM Membrane Durability	100
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-98ER54496 07/14/2008 Hammer	SC-24.2	Physics of High-Energy-Density X Pinch Plasmas	248
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-06ER46306 07/31/2009 Davis	SC-22.22	Atomic Scale Studies of Doped-Hole Distributions, Self Organized Electronic Nano-Domains, and Electron-Boson Coupling in High Tc Cuprates	230
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-91ER61138 06/30/2007 Chandra, Morrison	SC-23.2	Subcellular Boron and Fluorine Distributions with SIMS Ion Microscopy for BNCT and Cancer Research	0
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-99ER62809 11/30/2006 Webb	SC-23.2	New Nanoscopic Method for High-Throughput Sequencing of Individual DNA Molecules	0
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-97ER62443 11/30/2011 Gruner	SC-23.2	Development and Applications of Photosensitive Device Systems to Studies of Biological and Organic Materials	350
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-87ER45298 12/31/2010 DiSalvo	SC-22.23	Development of Methods to Synthesize Nanoparticles of Ordered Intermetallic Compounds (Binary, Ternary, and Quaternary): Application to Fuel Cell	230
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-89ER45405 06/30/2009 Henley	SC-22.22	Quasi-crystals and Quasi-equivalence: Symmetries and Energies in Alloys and Biological Materials	105
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-03ER46072 08/31/2009 Abruna, DiSalvo	SC-22.23	Cornell Fuel Cell Institute: Materials Discovery to Enable Fuel Cell Technologies	1,150
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-03ER46073 02/14/2008 Koch	SC-22.23	Transport Processes in Sheared, Neutrally Buoyant Particle Suspensions at Moderate Particle Reynolds Numbers	124
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-04ER41352 08/31/2008 Rubin	SC-25	Accelerator R&D for a Linear Collider	32

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-04ER41353 08/31/2007 Tigner	SC-25	Development of Helical Undulator for ILC Positron Source	85
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-04ER41354 08/31/2009 Padamsee	SC-25	Research in Superconducting Radiofrequency Systems	140
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-01ER41206 08/31/2007 Csaki	SC-25	Physics of Extra Dimensions	42
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-05ER15687 08/14/2011 Coates	SC-22.12	Development and Application of New Catalysts for Heterocycle Carbonylation	150
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-05ER15659 04/30/2011 Chirik	SC-22.12	Understanding Nitrogen Fixation	130
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-93ER25164 02/28/2011 Guckenheimer	SC-21.1	Computational Analysis of Dynamical Systems	99
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-95ER20206 04/14/2009 Shapleigh	SC-22.13	Regulation of Denitrification in Rhodobacter sphaeroides	50
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-06ER25722 12/31/2008 Albonesi	SC-21.1	Portable and Transparent Message Compression in MPI Libraries to Improve the Performance and Scalability of Parallel Applications	98
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-89ER14030 05/31/2008 Hanson	SC-22.13	Intracellular Dynamics of Energy-Transducing Organelles	120
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-84ER13233 05/31/2007 Wilson	SC-22.13	Studies of the Genetic Regulation of Thermobifida Cellulases	0
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-90ER14128 03/14/2009 Pope	SC-22.11	Investigation of Non-Premixed Turbulent Combustion	134
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-88ER13934 08/31/2005 Houston	SC-22.1	Product Imaging of Molecular Dynamics Relevant to Combustion	0
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-01ER15180 10/31/2010 Cool	SC-22.1	Studies of the Chemistry of Oxygenated Fuels with Photoionization Mass Spectrometry	140
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-02ER15341 08/14/2009 Gan	SC-22.13	Molecular Regulatory Mechanisms of Two Senescence-Specific Genes in Arabidopsis	120
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-98ER14857 07/14/2007 Davis	SC-22.1	Joint Theoretical and Experimental Study of Key Radicals in Hydrocarbon Combustion	135

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-00ER15095 06/30/2009 Davis	SC-22.1	Bimolecular Dynamics of Combustion Reactions	180
CORNELL UNIVERSITY Ithaca, NY	DE-FG02-04ER15560 07/14/2008 Van Wijk	SC-22.13	Proteolysis in plastids of Arabidopsis thaliana: Functional analysis of ClpS1,2,T and their physical and genetic	130
DOWLING COLLEGE Oakdale, NY	DE-FG02-03ER63601 08/31/2009 Bernstein	SC-23.2	Local System Support for PDB Biological Unit Search and Display	9
DOWLING COLLEGE Oakdale, NY	DE-FG02-06ER64212 01/31/2009 Bernstein	SC-23.2	Workshop -- imgCIF: The Management of Synchrotron Image Data, A Series of Three Workshops - Summer 2006-2007	10
NEW SCHOOL, THE New York, NY	DE-FG02-05CH11275 10/31/2013 Moriarty, Goodman	SC-23	New Green Building	481
YORK UNIV. SCHOOL OF MEDICINE New York, NY	DE-FG02-04ER63919 08/31/2007 Gordon	SC-23.2	Transgenic Mouse Models of Chronic Beryllium Disease	0
NEW YORK UNIVERSITY New York, NY	DE-FG02-02ER15292 03/31/2007 Percus	SC-22.1	Properties of Classical Fluids Under Molecular Scale Confinement	0
NEW YORK UNIVERSITY New York, NY	DE-FG02-92ER20071 05/31/2011 Coruzzi	SC-22.13	Asparagine Synthetase Gene Regulatory Network and Plant Nitrogen Metabolism	140
NEW YORK UNIVERSITY New York, NY	DE-FG02-88ER25053 02/28/2011 Berger, Greengard	SC-21.1	Applied Analysis and Computational Mathematics	1,422
NEW YORK UNIVERSITY New York, NY	DE-FC02-01ER25472 06/14/2006 Berger	SC-21.1	An Algorithmic and Software Framework for Applied Partial Differential Equations	66
NEW YORK UNIVERSITY New York, NY	DE-FC02-01ER25482 03/14/2007 Widlund	SC-21.1	Terascale Optimal PDE Simulations (TOPS) Center	0
NEW YORK UNIVERSITY New York, NY	DE-FG02-06ER25718 11/14/2009 Widlund	SC-21.1	Domain Decomposition and Parallel Computing	70
NEW YORK UNIVERSITY New York, NY	DE-FG02-92ER54184 03/14/2006 Zaslavsky	SC-24.2	Investigation of Anomalous Transport and Study of Particle Dynamics in the Ergodic Layer	0
NEW YORK UNIVERSITY New York, NY	DE-FG02-86ER53223 12/31/2009 Chang	SC-24.2	Plasma Properties (Task III) Advanced Toroidal Theory (Task VII)	695
NEW YORK UNIVERSITY New York, NY	DE-FC02-04ER54801 12/14/2007 Strauss	SC-24.2	Center for Extended Magnetohydrodynamic Modeling	137

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
NEW YORK UNIVERSITY New York, NY	DE-FC02-06ER54845 01/14/2011 Chang	SC-24.2	SciDAC - Center for Plasma Edge Simulation	503
NEW YORK UNIVERSITY New York, NY	DE-FG02-03ER46099 02/28/2010 Evans	SC-22.23	Material Lessons of Biology: Structure-Function Studies of Protein Sequences Involved in Inorganic-Organic Composite Material Formation	135
NEW YORK UNIVERSITY New York, NY	DE-FG02-06ER41417 05/31/2009 Weiner	SC-25	Beyond the Standard Model: The Weak Scale, Neutrino Mass, and the Dark Sector	60
NEW YORK, CITY U. OF CITY COLL New York, NY	DE-FG02-84ER45153 08/31/2011 Sarachik	SC-22.22	Thermal Conductivity and Thermopower Near the 2D Metal-Insulator Transition	0
NEW YORK, CITY U. OF CITY COLL New York, NY	DE-FG02-03ER46089 02/28/2007 Makse	SC-22.23	Nonequilibrium Thermodynamics of Densely Packed Granular Matter and Compressed Emulsions	80
NEW YORK, CITY U. OF CITY COLL New York, NY	DE-FG02-06ER46284 08/14/2009 Yu	SC-22.22	Near Surface Plasticity and Its Implications in Surface Treatment	62
NEW YORK, CITY U. OF CITY COLL New York, NY	DE-FG02-06ER15817 08/14/2009 Koplik	SC-22.12	Complex Fluids in Self-Affine Fractures	106
NEW YORK, CITY U. OF CITY COLL New York, NY	DE-FG02-03ER15458 10/31/2009 Makse	SC-22.1	Study of Damping Granular Materials	85
NEW YORK, CITY U. OF HUNTER C. New York, NY	DE-FG02-02ER15287 10/31/2011 Alexandratos	SC-22.12	Functionalized Scaffolds as a New Approach to the Design of Ion-Selective Polymer-Supported Reagents	130
NEW YORK, CITY U. OF HUNTER C. New York, NY	DE-FG02-96ER14660 08/31/2006 Greenbaum	SC-22.1	Spectroscopic Studies of Lithium Battery Materials	0
NEW YORK, CITY U. OF HUNTER C. New York, NY	DE-FG02-01ER45935 10/14/2010 Matsui	SC-22.23	Room-Temperature Synthesis of Semiconductor Nanowires by Templating Collagen Triple Helices and Their Precise	160
NEW YORK, CITY U. OF LEHMAN C. New York, NY	DE-FG02-93ER45487 04/14/2011 Chudnovsky	SC-22.22	Dynamics of the Magnetic Flux in Superconductors	50
NEW YORK, STATE U. OF ALBANY Albany, NY	DE-FG02-92ER61369 01/31/2010 Wang	SC-23.3	Study of Regional Climate Change	397
NEW YORK, STATE U. OF ALBANY Albany, NY	DE-FG02-91ER40631 04/30/2009 Alam	SC-25	Study of Heavy-Flavored Particles	195
NEW YORK, STATE U. OF ALBANY Albany, NY	DE-FG02-03ER63531 12/14/2011 Min	SC-23.3	Retrievals of Cloud Optical Properties and Photon Path Length Distributions Using Existing ARM Data Streams	170

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NEW YORK, STATE U. OF ALBANY Albany, NY	DE-FG02-06ER64266 06/30/2008 Amidon	SC-23.2	Woody Biomass Project at SUNY-ESF	674
NEW YORK, STATE U. OF ALBANY Albany, NY	DE-FG02-06ER64281 09/29/2008 Das	SC-23.2	New York Nano-Bio Molecular Information Technology Incubator (NYNBIT)	722
NEW YORK, STATE U. OF BINGHTN Binghamton, NY	DE-FG02-06ER64179 09/30/2008 Yang	SC-23.3	Optimal Coordination & Synchronization in Local Air Quality & GHG Emissions: An Economic Study of Multi-Gas Issues in Integrated Assessment of Global Climate ..	52
NEW YORK, STATE U. OF BINGHTN Binghamton, NY	DE-FG02-06ER64180 01/31/2008 Yang	SC-23.3	Model Developments for Development of Improved Emissions Scenarios: Developing Purchasing-Power Parity Models, Analyzing	77
NEW YORK, STATE U. OF BUFFALO Amherst, NY	DE-FG02-06ER64209 03/14/2010 Allen-King	SC-23.4	Geochemical & Physical Aquifer Property Heterogenety: A Multiscale Sedimentologic Approach to Reactive Solute Transport	281
NEW YORK, STATE U. OF BUFFALO Amherst, NY	DE-FG02-86ER45231 04/30/2003 Coppens	SC-22.21	SUNY Beamline Facilities at the National Synchrotron Light Source	-8
NEW YORK, STATE U. OF BUFFALO Amherst, NY	DE-FG02-00ER15103 09/14/2009 Hollingsworth	SC-22.13	Post-transcriptional Control of Gene Expression in Land-plant Chloroplasts	50
NEW YORK, STATE U. OF BUFFALO Amherst, NY	DE-FG02-96ER14677 05/31/2007 Kofke	SC-22.1	Studies of Phase Behavior and Structure in Solids	0
NEW YORK, STATE U. OF BUFFALO Buffalo, NY	DE-FG02-90ER14143 10/14/2010 Bright	SC-22.1	Interfacial Solvation Under Aggressive Conditions	149
NEW YORK, STATE U. OF BUFFALO Buffalo, NY	DE-FG02-02ER15372 11/14/2009 Coppens	SC-22.13	Time-Resolved Diffraction Studies of Photo-Induced Processes in Solids	196
NEW YORK, STATE U. OF BUFFALO Buffalo, NY	DE-FG02-04ER46180 09/14/2010 Bird	SC-22.22	Quantum Coherence and its Manipulation in Coupled Quantum Dots	110
NEW YORK, STATE U. OF BUFFALO Buffalo, NY	DE-FG02-03ER46064 08/14/2009 DeMarco	SC-22.22	Magnetic, Superconducting and Structural Phase Transitions Studied by the 99Ru, 189Os, and 191 Ir Mossbauer Effect in an	143
E U. OF COL. OF ENV. SCI & FOR Syracuse, NY	DE-FG02-02ER15356 09/14/2009 Stipanovic	SC-22.13	The Effect of Cellulose Crystal Structure and Solid-State Morphology on the Activity of Cellulases	150
NEW YORK, STATE U. OF DELHI Delhi, NY	DE-FG02-06ER64288 03/14/2009 Smith	SC-23.2	Center of Excellence in Watershed Applications and Technology-enhanced Economic Revitalization	722
EW YORK, STATE U. OF NEW PALTZ New Paltz, NY	DE-FG02-06CH11419 11/30/2009 Harrington, McLaurin	SC-23	Environmental Stewardship of the Hudson River Valley and Catskill Watershed - A Joint Project of SUNY New Paltz and SUNY Ulster	722



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NEW YORK, STATE U. OF OLD WEST Albany, NY	DE-FG02-05ER63994 12/31/2008 Weinstein-Lloyd	SC-23.3	Secondary Aerosol: Precursors and Formation Mechanisms	62
NEW YORK, STATE U. OF ONEONTA Oneonta, NY	DE-FG02-04CH11208 03/31/2006 Bachman	SC-23	The Genomics Laboratory at SUNY - Oneonta	0
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-04ER63729 11/30/2007 Halada	SC-23.4	Microbial Transformations of TRU and Mixed Wastes: Actinide Speciation and Waste Volume Reduction	40
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-96ER14633 11/30/2011 Schoonen	SC-22.1	Reactivity of Iron Bearing Minerals and CO2 Sequestration: A Multi-Disciplinary and Experimental Approach	87
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-96ER14681 04/14/2009 Grey	SC-22.1	New Solid-State NMR Approaches for Studying Catalytic and Sorption Sites in Zeolites and Molecular Sieves	130
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-86ER13590 12/14/2008 Johnson	SC-22.1	Ionization Probes of Molecular Structure and Chemistry	139
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-88ER13850 02/29/2008 Stell	SC-22.1	Thermophysical Properties of Fluids and Fluid Mixtures	20
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-02ER15329 03/15/2005 Collier	SC-22.13	A Novel, Photosynthesis-Associated Thioredoxin-Like Gene	-4
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-99ER14996 06/30/2009 Wong	SC-22.1	Microscale Processes and Macroscopic Behavior in Porous Geomaterials	124
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-88ER40388 11/30/2011 Shuryak	SC-26.1	Research in Theoretical Nuclear Physics	675
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-87ER40331 03/31/2011 Lacey	SC-26.1	Nuclear Reaction Studies	380
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-87ER40317 11/30/2010 Lattimer	SC-26.1	Research in Nuclear Astrophysics: Supernovae and Neutron Stars	0
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FC02-06ER25770 12/14/2011 Li	SC-21.1	Interoperable Technologies for Advanced Petascale Simulations (ITAPS)	145
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-05ER15635 08/31/2008 Lindquist	SC-22.12	Up-Scaling Geochemical Reaction Rates for Carbon Dioxide (CO2) in Deep Saline Aquifers	63
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-98ER62570 02/28/2011 Zhang	SC-23.3	Development of Integrated ARM Datasets and Their Application to Improve Climate Models	160

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-01ER63195 02/29/2008 Cess	SC-23.3	Research Project on Anthropogenically-Induced Climate Change	398
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-04ER46128 04/14/2010 Kirz, Jacobsen	SC-22.21	High Resolution Lenseless 3D Imaging of Nanostructures with Coherent X-Rays	249
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-06ER46323 08/14/2009 Strey	SC-22.23	Electrostatically Self-Assembled Amphiplexes	170
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-99ER45760 09/30/2008 Hsiao	SC-22.23	Support for the Advanced Polymers Beamline (X27C) at the National Synchrotron Light Source	116
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-86ER45237 05/14/2009 Chu	SC-22.23	Polymer-Assisted Formation of Nanostructured Transition Metal Clusters and Crystals	164
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-06ER41448 05/14/2009 Zingale	SC-26.1	Multidimensional Modeling of Astrophysical Thermonuclear Explosions	85
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-06ER41416 11/30/2009 Jung	SC-25	Development of the Beamline and ND280 Detector Subsystems for T2K Experiment	567
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-06ER41406 06/30/2007 Sprouse	SC-26.1	Precision Measurements of Electromagnetic Nuclear Transition Matrix Elements	75
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-03ER46085 03/31/2009 Parise	SC-22.21	The Spallation Neutron Source's High Pressure Beamline (SNSHPB)	120
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-05ER41372 12/31/2010 Deshpande	SC-26.1	Studies of Polarized Proton Collisions at RHIC	130
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-04ER41326 09/14/2007 Ben-Zvi	SC-25	Development of Electro-Optical Detectors for the Temporal Characterization of Sub-Picosecond Beam Bunches	85
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FC02-01ER41185 07/14/2008 Swesty	SC-26.1	Shedding New Light on Exploding Stars: TeraScale Simulations of Neutrino-Driven Supernovae and Their Nucleosynthesis	0
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-92ER40697 11/14/2009 Jung, Rijssenbeek, Hobbs	SC-25	Nucleon Decay and Neutrino Experiments and Experiments at High Energy Hadron Colliders	865
NEW YORK, STATE U. OF ST BROOK Stony Brook, NY	DE-FG02-96ER40988 03/31/2011 Jacak, Drees, Hemmick	SC-26.1	Studies of Relativistic Heavy Ion Collisions at RHIC	850
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-94ER14432 10/31/2010 Watson	SC-22.12	Grain-Boundary Transport of Incompatible Elements in Rocks	215

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-90ER14114 11/14/2008 Belfort	SC-22.1	Chemical Interactions Between Protein Molecules and Polymer Materials	148
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FC02-06ER25769 12/14/2011 Shephard	SC-21.1	Interoperable Technologies for Advanced Petascale Simulations	500
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-04ER25616 02/28/2009 Lim	SC-21.1	Dynamics and Statistical Mechanics of Rotating and Non-rotating Vortical Flows	104
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-05ER25666 05/31/2009 Herron	SC-21.1	Magnetorotational Instability Dissipative MHD Flows	80
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-05ER25697 08/14/2008 Fish	SC-21.1	A Mathematical Analysis of Atomistic-to-Continuum (AtC) Multiscale Approaches	300
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FC02-01ER25460 08/14/2007 Shephard, Flaherty	SC-21.1	The Terascale Simulation Tools and Techniques (TSTT) Center	0
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-05ER46249 09/30/2006 Kumar	SC-22.23	Influence of Surface Chemistry and Folding Free Energy on Protein Adsorption	175
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-05ER46258 09/30/2009 Benicewicz	SC-22.23	Sol-Gel Based Polybenzimidazole Membranes for Hydrogen Pumping Devices	300
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-06ER46347 09/14/2009 Lin	SC-22.22	Investigation of Metallic Photonic-Crystals for the Modification of Thermal Emission	153
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-06ER46349 08/31/2009 Akpalu	SC-22.23	Advancing Renewable Materials by Integrated Light and X-ray Scattering	150
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-85ER52118 11/30/2009 Steiner	SC-24.2	Advanced Design Studies	100
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-85ER53211 11/30/2010 Demers, Schoch	SC-24.2	HIBP Diagnostic Development to Advance Understanding of Plasma Transport Physics	244
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-04ER46104 11/30/2007 Kebllinski	SC-22.23	Fundamentals of Energy Transport in Nanofluids	50
RENSSELAER POLYTECHNIC INST. Troy, NY	DE-FG02-04ER63822 05/31/2007 Sanderson	SC-23.2	Rensselaer Polytech Center for Quantitative Bioscience	0
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-91ER40685 10/31/2011 McFarland	SC-25	Theoretical and Experimental Studies of Elementary Physics	2,521

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-99ER41099 06/30/2007 Manly	SC-26.1	Study the Collective Behavior of Quarks and Gluons in High Energy Nuclear Collisions	60
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-06ER46298 07/14/2009 Teitel	SC-22.22	Simulation of Critical Behavior in Classical, Quantum, and Driven Condensed Matter Systems: Applications to Vortex	115
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-93ER54215 11/30/2010 Betti	SC-24.2	Magnetohydrodynamics of Tokamak Plasma with Arbitrary Flow: Equilibrium, Stability and Nonlinear Evolution	99
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-06ER54879 07/14/2009 Ren	SC-24.2	Current-Driven Filament Instabilities in Relativistic Plasmas	85
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-04ER54768 05/31/2010 Betti	SC-24.2	Laser Driven Magneto-Inertial Fusion	181
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FC02-04ER54789 07/31/2009 Betti	SC-24.2	Fusion Science Center for Extreme States of Matter and Fast Ignition Physics	1,088
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-05ER54839 07/31/2010 Theobald	SC-24.2	Advanced Concept Exploration of Fast Ignition	544
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-01ER15204 10/31/2010 Novotny	SC-22.1	Antenna-Coupled Emission from Single Quantum Systems	135
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-90ER14125 02/28/2009 Eisenberg	SC-22.13	Design, Synthesis and Study Multi-Component and Integrated Systems for Light -Driven Hydrogen Generation	145
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-86ER13569 01/31/2011 Jones	SC-22.1	Transition Metal Activation and Functionalization of Carbon-Hydrogen Carbon-Carbon Bonds	135
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-06CH11430 06/30/2008 McGraw, Goonan	SC-23	Enhancing Radiation Oncology Facilities at the Univesity of Rochester James P. Wilmont Cancer Center	962
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-88ER40414 12/31/2010 Schroeder	SC-26.1	Studies of Heavy Ion Reactions and Transuranic Nuclei	360
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-94ER20155 05/31/2010 Wu	SC-22.13	Transcription Regulation of CeIS and a Novel Cellulase Operon Encoding Five Clostridium thermocellum Cellulosomal Components	120
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-06ER15821 08/31/2009 Krauss	SC-22.13	Impact Ionization and Photoinduced Charge Transport in Single-Walled Carbon Nanotubes	108
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-05ER15713 01/31/2012 Eberly	SC-22.11	Atomic and Molecular Electron Correlation in Strong Fields	100

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (NY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-05ER15722 12/14/2008 Yates	SC-22.12	Composite Fuel Cell Membranes Containing Aligned Inorganic Particles	100
ROCHESTER, UNIVERSITY OF Rochester, NY	DE-FG02-06ER64236 04/30/2007 Bernhard	SC-23.2	9th International Workshop on Radiation Damage to DNA to be held May 14-17, 2006	10
ROCKEFELLER UNIVERSITY New York, NY	DE-FG02-94ER20142 04/30/2007 Chua	SC-22.13	ABA Signaling in Plants	50
ROCKEFELLER UNIVERSITY New York, NY	DE-FG02-91ER40651 01/31/2010 Goulianos	SC-25	Experimental Studies of Elementary Particle Interactions at High Energies	760
ST. FRANCIS COLLEGE Brooklyn, NY	DE-FG02-05CH11264 04/30/2006 O'Rourke, Dashefsky	SC-23	Academic Center Sustainable Design Project	0
SYRACUSE UNIVERSITY Syracuse, NY	DE-FG02-84ER40146 03/31/2011 Souder	SC-26.1	Spin Dependent Phenomena in Medium Energy Physics	225
SYRACUSE UNIVERSITY Syracuse, NY	DE-FG02-85ER40231 12/31/2009 Balachandran	SC-25	Research Program in Elementary Particle Theory	265
SYRACUSE UNIVERSITY Syracuse, NY	DE-FG02-03ER63658 12/14/2006 Tavlarides	SC-23.4	Acoustic Monitor for Liquid-Solid Slurries Measurements at Low Weight Fractions	0
SYRACUSE UNIVERSITY Syracuse, NY	DE-FG02-04ER63902 08/31/2009 Bogucz	SC-23.2	The Syracuse University Environmental Systems Center "Intelligent Nested Environmental Systems (iNEST)" Project	674
UNION COLLEGE Schenectady, NY	DE-FG02-03ER41252 06/14/2009 Vineyard	SC-26.1	Nucleon Structure Studies with Electromagnetic Probes	56
YESHIVA UNIVERSITY Bronx, NY	DE-FG02-00ER63056 12/14/2006 Singer	SC-23.2	Real Time Imaging of mRNAs In Vivo	0
Total for NY :				43,609

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OH)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
AKRON, UNIVERSITY OF Akron, OH	DE-FG02-01ER45948 11/14/2006 Hu	SC-22.22	Theory of Electron Interaction Effects on Transport in Nanostructures	0
AKRON, UNIVERSITY OF Akron, OH	DE-FG02-05CH11279 11/30/2009 Cakmak, Kelley	SC-23	Development of National Polymer Innovation Center	481
AKRON, UNIVERSITY OF Akron, OH	DE-FG02-89ER14024 05/31/2008 Lim	SC-22.11	Experimental and Computational Studies of Ultrafast Electronic Relaxation and Charge Transfer in Molecular Systems of Importance to Chemistry	132
BOWLING GREEN STATE UNIVERSITY Bowling Green, OH	DE-FG02-06ER15827 08/31/2009 Lu	SC-22.11	Time Resolved Single-Molecule Chemical Imaging Studies of Interfacial Electron Transfer	160
CASE WESTERN RESERVE UNIV. Cleveland, OH	DE-FG02-06CH11452 11/30/2011 Grega	SC-23	National Center for Regenerative Medicine Capital Equipment, Case Western Reserve University, University Hospitals of Cleveland and the Cleveland Clinic	1,443
CASE WESTERN RESERVE UNIV. Cleveland, OH	DE-FG02-96ER14600 06/30/2008 Scherson	SC-22.1	In-situ Spectroscopic and Structural Studies of Electrode Materials for Advanced Battery Applications	150
CASE WESTERN RESERVE UNIV. Cleveland, OH	DE-FG02-95ER40898 12/31/2009 Vachaspati	SC-25	Theoretical Physics Research at the High Energy Frontier, Including Astrophysics and Cosmology	245
CASE WESTERN RESERVE UNIV. Cleveland, OH	DE-FG02-01ER45934 11/14/2009 Rosenblatt	SC-22.23	Nanoscope Surface Modification for Liquid Crystal Orientation	127
CASE WESTERN RESERVE UNIV. Cleveland, OH	DE-FG02-05ER46244 08/31/2011 Taylor	SC-22.22	Theory, Modeling, and Simulation of Ion Transport in Ionomer Membranes	100
CASE WESTERN RESERVE UNIV. Cleveland, OH	DE-FG02-05ER64118 08/14/2008 Nadeau	SC-23.2	Pathways, Networks and Systems International Conferences	15
CASE WESTERN RESERVE UNIV. Cleveland, OH	DE-FG02-03ER63546 12/31/2007 Nadeau	SC-23.2	Mouse Mutagenesis Workshops	0
CASE WESTERN RESERVE UNIV. Cleveland, OH	DE-FG02-03ER63597 03/31/2007 Lee	SC-23.2	SPECT Imaging for In Vivo Tracking of NIS Containing Stem Cells	0
CINCINNATI, UNIVERSITY OF Cincinnati, OH	DE-FG02-03ER63655 12/15/2006 Heineman	SC-23.4	Spectroelectrochemical Sensor for Pertchnetate Applicable to Hanford and Other DOE Sites	170
CINCINNATI, UNIVERSITY OF Cincinnati, OH	DE-FG02-04ER46129 04/14/2010 Jarrell	SC-22.22	Predictive Capability for Strongly Correlated Systems	40
CINCINNATI, UNIVERSITY OF Cincinnati, OH	DE-FG02-04ER15604 08/14/2010 Gulianti	SC-22.12	Fundamental Studies of Propane Ammoxidation over Model Bulk and Supported V-Mo-Te-O Catalysts	176

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OH)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CINCINNATI, UNIVERSITY OF Cincinnati, OH	DE-FC02-06ER25792 09/14/2011 Jarrell	SC-21.1	Next Generation Multi-Scale Quantum Simulation Software for Strongly Correlated Materials	416
CINCINNATI, UNIVERSITY OF Cincinnati, OH	DE-FG02-84ER40153 12/31/2010 Wijewardhana	SC-25	Research in Particle Physics Task A and B	615
KENT STATE UNIVERSITY Kent, OH	DE-FG02-06ER46331 08/14/2010 Lavrentovich	SC-22.22	Electric Field Effects in Liquid Crystals with Dielectric Dispersion	158
KENT STATE UNIVERSITY Kent, OH	DE-FG02-01ER41194 06/14/2010 Manley	SC-26.1	Baryon Spectroscopy Through Partial-Wave Analysis and Meson Photoproduction	200
KENT STATE UNIVERSITY Kent, OH	DE-FG02-89ER40531 03/31/2009 Keane, Margetis	SC-26.1	Heavy Ion Collisions at the Highest Available Energies	365
KENT STATE UNIVERSITY Kent, OH	DE-FG02-86ER40251 12/31/2009 Fai	SC-26.1	Theoretical Interpretation of High-Energy Nuclear Collisions	117
MIAMI UNIVERSITY Oxford, OH	DE-FG02-86ER45281 12/31/2010 Pechan	SC-22.22	Nanoscale Magnetodynamics and Beyond	60
MIAMI UNIVERSITY Oxford, OH	DE-FG02-04ER63765 02/28/2007 Fields	SC-23.4	Construction of Whole Genome Microarrays, and Expression Analysis of <i>Desulfovibrio</i> <i>vulgaris</i> cells in Metal-Reducing Conditions (Uranium and Chromium)	0
MIAMI UNIVERSITY Oxford, OH	DE-FG02-05ER64125 04/14/2009 Fields	SC-23.4	Identification of Molecular and Cellular Responses of <i>Desulfovibrio vulgaris</i> Biofilms Under Culture Conditions Relevant Fields	220
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-04ER63834 05/31/2007 Hansen	SC-23.2	Earth University / Ohio State University Collaborative Program on Environmental Research in the Humid Tropics	289
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-04ER63936 08/31/2007 Sohnngen	SC-23.3	An Integrated Intertemporal Analysis of Land Use Change in Forestry and Agriculture: An Assessment of the	0
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-04ER25635 12/31/2007 Krishnamurthy	SC-21.1	PetaScale Application Development Analysis	100
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-04ER25611 08/14/2007 Parthasarathy	SC-21.1	High Performance Data Mining for Protein Crystallization and Structure Analysis	109
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-05ER25660 01/31/2008 Sadayappan	SC-21.1	MOLAR: MODular Linux and Adaptive Runtime support for HEC OS/R research	70
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-06ER25735 08/14/2009 Wang	SC-21.1	Feature Extraction, Characterization, and Visualization for Protein Interaction via Geometric and Topological Methods	99

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OH)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FC02-06ER25775 12/14/2011 Catalyurek	SC-21.1	SciDAC Institute: Combinatorial Scientific Computing and Petascale Simulations (CSCAPES)	130
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FC02-06ER25749 09/14/2011 Panda	SC-21.1	Coordinated Fault Tolerance for High Performance Computing	200
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FC02-06ER25755 09/14/2011 Panda	SC-21.1	Center for Programming Models for Scalable Parallel Computing	300
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FC02-06ER25779 12/14/2011 Shen	SC-21.1	SCIDAC Institute for Ultrascale Visualization	150
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-06ER15833 08/31/2009 DiMauro	SC-22.11	Imaging of Electronic Wave Functions During Chemical Reactions	298
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-91ER20033 09/14/2008 Tabita	SC-22.13	Biochemistry and control of the reductive tricarboxylic acid pathway of CO2 fixation and physiological role of the RubisCO-like	50
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-91ER20041 07/31/2007 Daniels	SC-22.13	Genetic Analysis of Archaeal Transcription	0
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-91ER20042 07/31/2009 Krzycki	SC-22.13	Transmethylation reactions during methylotrophic methanogenesis in methanogenic Archaea	130
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-06ER15776 04/14/2009 Dutta, Kohler, Verweij	SC-22.13	Photoactive Inorganic Membranes for Charge Transport	220
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-05ER15715 07/31/2009 Braaten	SC-22.11	Exploiting Universality in Atoms with Large Scattering Lengths	120
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-04ER15495 11/14/2009 Allen	SC-22.12	Metal-Anion Pairing at Oxide/Water Interfaces: Theoretical and Experimental Investigations from the Nanoscale to the Macroscale	43
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-00ER15081 12/14/2006 Chisholm	SC-22.1	New Generation Polymers from Inexpensive Renewable Sources by Well-Defined Metal Alkoxide Catalysts, Polyethers, Polyesters	125
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-01ER15136 09/30/2006 Pitzer	SC-22.1	Enhanced Methods and Theoretical Studies of the Electronic Structures of Actinide Systems	0
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-01ER15172 10/31/2010 Miller	SC-22.1	Detection and Characterization of Free Radicals Relevant to Combustion Processes	140
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-87ER13731 03/31/2009 Reeve	SC-22.13	Regulation of Methane Genes and Genome Expression	154



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OH)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-01ER63241 12/31/2007 Tabita	SC-23.2	Integrative Control of Key Metabolic Processes in Rhodospseudomonas Palustris	505
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-06ER46330 08/31/2009 Mazumder	SC-22.22	First-Principles Modeling Study of Phonon Heat Conduction in Nanoscale Crystalline Structures	110
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-04ER46137 05/14/2008 Mills	SC-22.22	Mechanisms of High Temperature/Low Stress Creep of Ni-Based Superalloy Single Crystals	112
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-01ER45931 12/14/2010 Epstein	SC-22.23	Spin Coherence at the Nanoscale: Polymer Surfaces and Interfaces	250
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-03ER46054 07/14/2010 Hammel	SC-22.21	Microscopic Subsurface Characterization of Layered Magnetic Materials Using Magnetic Resonance Force Microscopy	166
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-86ER45271 06/30/2009 Epstein	SC-22.23	Synthesis and Properties of Molecule/Polymer-Based Magnetic Materials	195
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-06ER41432 12/31/2009 Kagan	SC-25	Fabrication and Testing of Single Crystal Chemical Vapor Deposition Diamonds for Detector Applications	63
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-06ER41429 08/31/2008 Beatty	SC-25	Development of a Low-Power, Low-Cost, Front-End Electronics Module for Large-Scale Distributed Neutrino Detectors	50
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-99ER45795 06/30/2010 Wilkins	SC-22.22	Modeling Dynamically and Spatially Complex Materials	195
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-95ER40900 12/31/2009 Collings	SC-25	Material, Strands, and Cables for Superconducting Accelerator Magnets	235
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-91ER40690 11/30/2010 Kass	SC-25	Research in Elementary Particle Physics	2,415
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-01ER41190 04/14/2010 Heinz	SC-26.1	Theory of Ultra-Relativistic Heavy-Ion Collisions	153
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-03ER41277 08/31/2008 Gan	SC-25	Design and Fabrication of a Radiation-Hard 500-MHz Digitizer Using Deep Submicron Technology	35
ATE UNIVERSITY RESEARCH FOUND. Columbus, OH	DE-FG02-05ER41377 06/14/2010 Kovchegov	SC-26.1	High Energy QCD	120
OHIO UNIVERSITY Athens, OH	DE-FG02-93ER40756 10/31/2010 Elster	SC-26.1	Nuclear Dynamics and Astrophysics in Few- and Many-Body Systems	313

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OH)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
OHIO UNIVERSITY Athens, OH	DE-FG02-02ER46012 09/14/2011 Hla	SC-22.22	Single Atom and Molecule Manipulation and Its Application to Nanoscience and Nanotechnology	110
OHIO UNIVERSITY Athens, OH	DE-FG02-06ER46317 07/31/2009 Smith	SC-22.22	Spin-Polarized Scanning Tunneling Microscopy Studies of Nanoscale Magnetic and Spintronic Nitride Systems	150
OHIO UNIVERSITY Athens, OH	DE-FG02-06ER46300 07/31/2009 Castillo	SC-22.22	Fluctuations in the Dynamics of Glasses	89
OHIO UNIVERSITY Athens, OH	DE-FG02-88ER40387 11/30/2011 Grimes	SC-26.1	Studies of Nuclear Astrophysics, Structure, and Reactions with Neutrons, Radioactive Beams, and Other Probes	375
WRIGHT STATE UNIVERSITY Dayton, OH	DE-FG02-03ER15379 10/31/2011 Higgins	SC-22.1	Kinetic Complexity of Mineral-Water Interface Reactions Relevant to CO2 Sequestration: Atomic-Scale Reactions to Macroscale Processes	97
WRIGHT STATE UNIVERSITY Dayton, OH	DE-FG02-06ER64196 10/14/2007 Hunt	SC-23.4	Applying Distributions of Hydraulic Conductivity for Anisotropic Systems to TcTransport at the U.S. Department of	10
Total for OH :				13,865

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OK)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
LANGSTON UNIVERSITY Langston, OK	DE-FG02-99ER41109 05/14/2009 Snow	SC-25	Langston University - High Energy Physics (LU-HEP)	15
OKLAHOMA STATE UNIVERSITY Stillwater, OK	DE-FG02-96ER20215 03/31/2011 Mort	SC-22.13	The Structure of Pectins	107
OKLAHOMA STATE UNIVERSITY Stillwater, OK	DE-FG02-04ER46124 02/28/2010 Xie	SC-22.22	Quantum Charge and Spin Transport	60
OKLAHOMA STATE UNIVERSITY Stillwater, OK	DE-FG02-04ER46140 08/14/2010 Nandi, Wicksted	SC-22.21	Oklahoma Center for High Energy Physics Research	400
OKLAHOMA STATE UNIVERSITY Stillwater, OK	DE-FG02-04ER41306 04/30/2010 Nandi	SC-25	Theoretical Research in Weak, Electromagnetic, and Strong Interactions	167
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-04ER41305 04/30/2010 Skubic, Milton	SC-25	Experimental Physics Investigations Using Colliding Beam Detectors at Fermilab, Cornell and LHC; Nonperturbative Quantum	538
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-03ER46040 05/31/2007 Kao	SC-22.23	Searching for Higgs Bosons and New Physics at Hadron Colliders	0
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-99ER62800 08/14/2007 Luo	SC-23.3	Data-Model Assimilation at the Duke FACE Site Toward Predictive Understanding of Carbon Sequestration at Ecosystem and	0
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-06ER15811 07/31/2007 Nelson	SC-22.11	Increase Participation of Students, Postdocs, and/or Junior Faculty in SWNT Research and Applications	5
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-06ER15769 07/31/2011 Krumholz	SC-22.13	Genes Needed for H2 Production by Sulfate Reducing Bacteria	318
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-03ER63625 02/28/2007 Krumholz	SC-23.4	In-Situ Survival Mechanisms of U and Tc Reducing Bacteria in Contaminated Sediments	49
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-06ER64245 04/30/2008 Lamb	SC-23.3	Workshop to Promote and Coordinate U.S. Contributions to AMMA on Land Surface, Water Cycle, Aerosol, and Radiation Budget	30
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-06ER64239 05/31/2010 Resasco	SC-23.2	Carbon Nanotube Technology Center	962
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-06ER64319 08/31/2009 Luo	SC-23.3	Data-Model Assimilation at the FACE and AmeriFlux Sites Toward Predictive Understanding of Carbon Sequestration at	250
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-05ER64062 05/31/2011 Lamb	SC-23.3	Scientific Guidance, Research, and Educational Outreach for the ARM Climate Research Facility (ACRF) in the Southern Great Plains	434

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OK)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-06ER64200 02/28/2008 Zhou	SC-23.2	The Shewanella Federation: Functional Genomic Investigations of Dissimilatory Metal-Reducing Shewanella	499
OKLAHOMA, UNIVERSITY OF Norman, OK	DE-FG02-06ER64205 02/28/2009 Zhou	SC-23.2	Deduction and Analysis of the Interacting Stress Response Pathways of metal/Radionuclide-Reducing Bacteria	671
Total for OK :				4,505

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OR)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ON HEALTH & SCIENCE UNIVERSITY Beaverton, OR	DE-FG02-06ER64222 03/31/2010 Tratnyek	SC-23.4	The Reaction Specificity of Nanoparticles in Solution: Application to the Reaction of Nanoparticulate Iron and Iron-Bimetal	90
ON HEALTH & SCIENCE UNIVERSITY Portland, OR	DE-FG02-06ER64228 06/30/2009 Tebo	SC-23.4	Coupled Biogeochemical Processes Governing the Stability of Bacteriogenic Uraninite and Release of U(VI) in Heterogeneous Media: Molecular to Meter Scales	137
OREGON INSTITUTE OF TECHNOLOGY Klamath Falls, OR	DE-FG02-06ER64214 09/30/2007 Lund	SC-23.2	Technical Support and Transfer of Geothermal Technical Knowledge and Information	481
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-06ER64318 08/31/2009 Law	SC-23.3	The Effects of Disturbance & Climate on Carbon Storage & the Exchanges of CO2 Water Vapor & Energy Exchange of Evergreen Coniferous Forests in the Pacific...	496
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-06ER64307 08/31/2009 Law	SC-23.3	Enhancing the Precision and Accuracy Within and Among Ameriflux Site Measurements	499
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-05ER64130 08/31/2009 Ely	SC-23.2	Metabolic Engineering of Light and Dark Biochemical Pathways in Wild-Type and Mutant Strains of Synechocystis PCC 6803 for Maximal, 24-Hour Production of...	320
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-03ER63624 09/14/2007 Loescher	SC-23.3	Improvement in Precision and Accuracy of Ameriflux Site Measurements	0
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-04ER63753 12/14/2006 Lach	SC-23.4	Using a Consensus Conference to Characterize Regulatory Concerns Regarding Bioremediation of Radionuclides and Heavy Metals in Mixed Wastes at DOE Sites	0
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-04ER63911 09/14/2010 Law	SC-23.3	AmeriFlux Measurement Network: Science Team Research	375
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-04ER63781 03/14/2008 Arp	SC-23.2	Metabolomic Functional Analysis of Bacterial Genomes	150
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-04ER63788 03/14/2007 Dharmawardhana	SC-23.2	New Genetic Tools for Modifying Tree Properties to Enhance Sequestration	0
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-04ER63843 06/14/2007 Strauss	SC-23.2	Genome Enabled Discovery of Carbon Sequestration Genes in Poplar	0
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-04ER63917 08/31/2008 Law	SC-23.3	Synthesis of Remote Sensing and Field Observations to Model and Understand Disturbance and Climate Effects on the	319
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-05ER63986 09/30/2008 Istok	SC-23.4	Stability of U(VI) and Tc(VII) Reducing Microbial Communities to Environmental Perturbation: Development and Testing of a Thermodynamic Network Model	349
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-97ER41026 12/31/2011 Loveland	SC-26.1	Studies of Heavy Nuclei Produced in Low and Intermediate Energy Nuclear Collisions	115

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OR)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG03-00ER63014 09/14/2005 Law	SC-23.3	Carbon & Water Vapor Exchange in Successional Stages of Pacific Northwest Forest Ecosystems: Integration of Eddy Flux, Plant & Soil Measurements	0
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-05ER25700 08/14/2008 Showalter	SC-21.1	Modeling, Analysis and Simulation of Multiscale Preferential Flow	204
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-06ER15819 08/14/2009 Egbert	SC-22.12	Efficient Inversion of Multi-frequency and Multi-source Electromagnetic Induction Data	97
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-04ER15583 11/30/2008 Thomas	SC-22.11	Inner-Shell Electron Spectroscopy and Chemical Properties of Atoms and Small Molecules	63
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-03ER15436 08/14/2007 Arp	SC-22.13	Obligate Autotrophy in the Ammonia Oxidizing Bacterium Nitrosomonas europaea	0
OREGON STATE UNIVERSITY Corvallis, OR	DE-FG02-02ER15318 07/14/2006 Egbert	SC-22.1	Efficient Inversion of Multi-frequency and Multi-source Electromagnetic Data	0
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-05ER15634 12/31/2010 Kellman	SC-22.1	Dynamical Analysis of Highly Excited Spectra	130
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-05ER25680 09/30/2008 Malony	SC-21.1	Application-Specific Performance Technology for Productive Parallel Computing	252
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-05ER25663 01/31/2008 Malony	SC-21.1	Extreme Performance Scalable Operating Systems	198
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-03ER25561 02/14/2007 Malony	SC-21.1	Performance Engineering Technology for Scientific Component Software	0
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-04ER46158 08/31/2011 Kevan	SC-22.22	Manybody Interactions in Magnetic Films and Nanostructures	149
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-96ER40969 03/31/2011 Brau	SC-25	Task A: Theory of Elementary Particles; Task B Experimental High Energy Physics	902
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-96ER40972 04/30/2011 Hwa	SC-26.1	Physics of Nuclear Collisions at High Energy	73
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-05ER41383 07/31/2010 Brau	SC-25	University-Based Detector Research & Development for the International Linear Collider	957
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-96ER45557 10/31/2010 Richmond	SC-22.23	Wet Interfaces: Molecular Processes Underlying the Structure and Assembly of Thin Films and Nanoparticles at Complex Interfaces	204

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (OR)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
OREGON, UNIVERSITY OF Eugene, OR	DE-FG02-03ER46061 07/14/2009 Richmond	SC-22.23	Research Project on the Recruitment, Retention, and Promotion of Women in the Chemical Sciences	150
PORTLAND STATE UNIVERSITY Portland, OR	DE-FG02-04ER63913 09/14/2008 Khalil	SC-23.3	Emissions of Greenhouse Gases from Rice Agriculture	497
PORTLAND STATE UNIVERSITY Portland, OR	DE-FG02-06CH11404 06/30/2009 Wamser	SC-23	Solar Photovoltaic Test Facility System	144
Total for OR :				7,351

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (PA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ALVERNIA COLLEGE Reading, PA	DE-FG02-06CH11376 12/31/2006 Luvisi	SC-23	Science and Health Building	481
BUCKNELL UNIVERSITY Lewisburg, PA	DE-FG02-05CH11287 04/30/2006 Engle, Rosenberg	SC-23	Equipment Purchase for Materials Science Laboratory	0
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-06ER64194 01/31/2007 Choset	SC-23.4	Design and Sensor-Based Control for Hyper-Redundant Mechanisms	60
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-01ER45882 09/20/2005 Rollett	SC-22.22	Cooperative Research Team on Microstructural Evolution Based on Fundamental Interfacial Properties	0
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-01ER45893 06/30/2011 De Graef	SC-22.21	Experimental Vector Field Electron Tomography of Magnetic Objects	74
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-91ER40682 10/31/2009 Ferguson	SC-25	Research in Experimental and Theoretical High Energy Physics	1,432
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FC02-01ER25477 09/14/2006 Ghattas	SC-21.1	Terascale Optimal BDE Simulations (TOPS) Center	-287
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-01ER25438 12/14/2010 Gurtin	SC-21.1	Continuum Mechanical and Computational Aspects of Material Behavior	69
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-05ER15717 06/14/2008 Sholl	SC-22.12	Rapid Ab Initio Screening of Ternary Alloys for Hydrogen Production	100
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FC02-06ER25767 12/14/2011 Gibson	SC-21.1	Petascale of Data Storage Institute	400
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-87ER40315 11/30/2010 Franklin	SC-26.1	Experimental Medium Energy Physics	740
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-87ER40324 12/31/2007 Kaplan	SC-26.1	Nuclear Research with Heavy Ions	23
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-04ER25594 04/30/2005 Levine	SC-21.1	New Paradigms for Developing Peta-scalable Codes Workshop - May 3-4, 2004	0
CARNEGIE MELLON UNIVERSITY Pittsburgh, PA	DE-FG02-05ER25695 08/14/2008 Langmead	SC-21.1	Modeling Protein Structures with Conditional Random Fields	100
ITY SCIENCE CENTER, UNIVERSITY Philadelphia, PA	DE-FG02-06CH11406 11/30/2006 Phillips, Agulnick	SC-23	3624 Laboratory Construction and Fit-out Program	1,443



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (PA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
DREXEL UNIVERSITY Philadelphia, PA	DE-FG02-00ER41134 06/30/2009 Lane	SC-25	Neutrino Physics at KamLAND	95
FRANKLIN & MARSHALL COLLEGE Lancaster, PA	DE-FG02-06CH11405 08/01/2007 Orris	SC-23	Life Science Building	481
LEHIGH UNIVERSITY Bethlehem, PA	DE-FG02-00ER45819 11/30/2007 Eades	SC-22.21	Strain Measurement in Thin Films	120
LEHIGH UNIVERSITY Bethlehem, PA	DE-FG02-06ER46318 07/31/2009 Toulouse	SC-22.22	Multiscale Dynamics of Relaxor Ferroelectrics	135
LEHIGH UNIVERSITY Bethlehem, PA	DE-FG02-92ER54141 11/30/2009 Kritz	SC-24.2	Predicted Integrated Modeling of Heated Tokamak Plasmas	538
LEHIGH UNIVERSITY Bethlehem, PA	DE-FG02-05ER15720 06/14/2011 Regen	SC-22.12	Porous and Glued Langmuir-Blodgett Membranes	130
LEHIGH UNIVERSITY Bethlehem, PA	DE-FG02-05ER25694 12/31/2007 Linderoth	SC-21.1	Optimization Under Nonconvexity and Uncertainty: Algorithms and Software	72
LEHIGH UNIVERSITY Bethlehem, PA	DE-FG02-93ER14350 06/14/2009 Wachs	SC-22.1	Photoxidation of H2O and C3 Hydrocarbons to H2 Fuel and C3-Oxygenates with Molecular Designed Heterogeneous Nano-Photocatalysts	180
LEHIGH UNIVERSITY Bethlehem, PA	DE-FG02-06CH11431 06/30/2008 Sause, Meischeid	SC-23	Lehigh University Critical Infrastructure Lab	385
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-03ER46063 01/31/2007 Schlom	SC-22.23	The Controlled Synthesis of Metastable Oxides Utilizing Epitaxy and Epitaxial Stabilization	115
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-02ER46009 02/28/2009 Castleman	SC-22.23	Establishing Concepts for the Use of Clusters as Building Blocks of New Nanoscale Materials	175
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-01ER45912 08/14/2009 Larson	SC-22.21	10-100 ueV Multichopper Spectrometer	1,041
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-93ER40771 12/31/2010 Strikman	SC-26.1	Theoretical Studies in High Energy Nuclear Physics	113
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-04ER46159 02/28/2011 Liu	SC-22.22	P-Wave Superconductivity in Sr2Ru04 and Other Possible New Superconductors	84
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-05ER46222 09/14/2011 Golbeck	SC-22.23	A Hybrid Biological/Organic Half-Cell for Generating Dihydrogen	175

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (PA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-90ER61071 10/31/2009 Clothiaux	SC-23.3	Retrieval of Cloud Properties and Direct Testing of Cloud and Radiation Parameterizations Using ARM Observations	142
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-02ER25535 08/14/2006 Maranas	SC-21.1	Multiscale Modeling of Polymeric Materials	0
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-05ER25684 08/31/2011 Maranas	SC-21.1	Development of Computational Tools for Metabolic Models Curation, Flux, Elucidation and Strain Design	406
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-90ER40577 12/31/2011 Collins	SC-25	Theoretical Studies in Elementary Particle Physics	130
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-05ER15675 08/31/2011 Brantley	SC-22.12	An Investigation of Roughness and Weathering at the Bedrock-Regolith Interface	176
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-06ER15772 03/31/2009 Grimes	SC-22.13	Broad Spectrum Photoelectrochemical Diodes for Solar Hydrogen Generation	160
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-05ER15749 05/31/2009 Mallouk	SC-22.13	Photoelectrochemistry of Semiconductor Nanowire Arrays	220
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-05ER15756 05/31/2009 Barber	SC-22.13	Dye-Sensitized Tandem Photovoltaic Cells	135
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-06ER15803 06/30/2009 Winograd	SC-22.12	Chemical Imaging With Cluster Ion Beams and Lasers	163
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-91ER20050 05/31/2008 Cyr	SC-22.13	Producing Conditional Mutants for Studying Plant Microtubule Function	120
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-95ER20198 08/14/2011 Ferry	SC-22.13	New Perspectives on Acetate and One-Carbon Metabolism in the Methanoarchaea	120
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-93ER20117 06/30/2008 Brenchley	SC-22.13	The Characterization of Psychrophilic Microorganisms and Their Potentially Useful Cold-Active Glycosidases	120
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-94ER20137 03/31/2012 Bryant	SC-22.13	Light Energy Transduction in Green Sulfur Bacteria	140
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-98ER20314 08/31/2010 Golbeck	SC-22.13	Homodimeric Type I Photosynthetic Reaction Centers in Anoxygenic Bacteria	115
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-02ER15332 08/31/2011 Ma	SC-22.13	Analysis of Anther Cell Differentiation	120

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (PA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-01ER15238 10/31/2006 Macdonald	SC-22.1	The Fundamental Role of Nano-Scale Oxide Films in the Oxidation of Hydrogen and the Reduction of Oxygen on Noble Metal	50
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-87ER13690 03/14/2009 Tien	SC-22.13	Transcriptome and biochemical analyses of fungal degradation of wood	125
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-84ER13179 04/30/2011 Cosgrove	SC-22.13	Molecular Mechanisms of Plant Cell Wall Loosening	130
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-84ER13295 11/30/2009 Sen	SC-22.1	Transition Metal Mediated Transformations of Small Molecules	120
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-92ER14258 04/30/2010 Castleman	SC-22.11	Elucidating the Molecular Level Mechanisms of Oxidation Reactions Effected by Heterogeneous Catalysts	140
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-04ER63914 08/31/2008 Burgos	SC-23.4	Reaction-Based Reactive Transport Modeling of Fe(III) and U(V) Reduction	224
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-05ER63966 02/14/2009 Grutzeck	SC-23.4	Physical, Chemical and Structural Evolution of Zeolite - Containing Waste Forms Produced from Metakaolinite and	197
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-04ER63773 03/31/2008 Ivanova	SC-23.3	Scaling Models of the Internal Variability of Clouds	90
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-05ER64058 05/31/2011 Verlinde, Harrington	SC-23.3	North Slope Site Scientist Team	299
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-05ER64002 12/15/2007 Macdonald	SC-23.4	Development of Advanced Electrochemical Emission Spectroscopy for Monitoring Corrosion in Simulated DOE Liquid Waste	244
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-06ER64191 01/31/2009 Mueller	SC-23.4	Coupling Sorption to Soil Weathering During Reactive Transport: Impacts of Mineral Transformation and Sorbate Aging	207
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FC02-06ER64157 11/30/2010 Davis	SC-23.3	Northeastern Regional Center of the National Institute for Climatic Change Research	1,967
PENNSYLVANIA STATE UNIVERSITY University Park, PA	DE-FG02-06ER64315 08/31/2009 Davis	SC-23.3	Synthesis of Carbon Dioxide Flux and Mixing Ratio Measurements in Support of the North American Carbon Program	206
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-03ER63589 12/14/2006 Kung	SC-23.2	Development of Tc-99m Imaging Agents for Abeta Plaques	0
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-85ER13350 03/31/2009 Gorte	SC-22.1	Studies of Metal-Oxide and Oxide-Oxide Interactions in Ceria-Based Catalysis	170

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (PA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-86ER13615 08/31/2008 Wayland	SC-22.12	Catalytic Hydrogenation of Carbon Monoxide and Hyrdocarbon Oxidations	130
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-86ER13584 12/31/2006 Dai	SC-22.1	Spectroscopy, Structure, and Energy Transfer of Highly Excited Molecules and Transient Radicals	60
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-02ER15299 11/30/2008 Therien	SC-22.1	Fundamental Studies of Charge Migration and Delocalization Relevant to Solar Energy Conversion	140
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-01ER15169 07/31/2008 Pohlschroder	SC-22.13	Protein Translocation via the Haloarchaeal Twin Arginine Translocation Pathway	120
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-02ER15373 11/14/2006 Sneddon	SC-22.1	Inorganometallic Catalysis: New Metal Catalyzed Routes to Inorganic Molecules, Polymers and Solid-State Materials	75
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-99ER20328 08/31/2009 Poethig	SC-22.13	Genetic regulation of adaxial-abaxial polarity in Arabidopsis	120
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-91ER20052 04/30/2011 Daldal	SC-22.13	Membrane-Attached Electron Carriers in Photosynthesis and Respiration	130
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-91ER20055 08/31/2009 Rea	SC-22.13	Mechanistic basis of phytochelatin transport	130
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-05ER15721 06/30/2011 Gorte	SC-22.12	The Development of Nano-Composite Electrodes for Natural Gas-Assisted Steam Electrolysis for Hydrogen Production	325
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-05ER15719 06/30/2011 Sneddon	SC-22.12	Mechanistic Studies of Activated Hydrogen Release from Amine Boranes	300
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-04ER15605 08/14/2010 Vohs	SC-22.12	Fundamental Studies of the Steam Reforming of Alcohols on PdZnO and Co/ZnO Catalysts	125
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-88ER40479 12/31/2008 Beier	SC-26.1	Sudbury Neutrino Observatory	1,032
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-04ER25646 09/14/2008 Biros	SC-21.1	Parallel Algorithms for Control and Inverse Problems in Reaction-Diffusion Systems	100
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-05ER46223 09/14/2011 Dutton	SC-22.23	Modular Designed Protein Constructions for Solar Generated H2 From Water	200
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-04ER46156 08/31/2010 Blasie	SC-22.23	Design, Synthesis and Characterization of Novel Electronic and Photonic BioMolecular Materials	680

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (PA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-04ER46110 08/31/2007 Ponte-Castenada	SC-22.22	Multiscale Modeling of Nanostructured Triblock Copolymers	88
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-95ER40893 10/31/2011 Williams	SC-25	High Energy Physics Research	3,317
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-00ER45813 05/31/2011 Bonnell	SC-22.21	Local Electronic and Dielectric Properties at Nanosized Interfaces	120
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-98ER45701 12/31/2008 Fischer	SC-22.21	Carbon Nanotubes: Properties and Applications	229
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-98ER45702 06/30/2010 Vitek	SC-22.21	Multiscale Modeling of Dislocation Behavior in Non-Magnetic Transition Metals and Ferromagnetic Iron	134
PENNSYLVANIA, UNIVERSITY OF Philadelphia, PA	DE-FG02-84ER45118 01/31/2012 Mele	SC-22.22	Electronic and Piezoelectric Phenomena in Nanostructures	105
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-98ER45686 02/28/2010 Jasnow, Coalson	SC-22.22	Statistical Mechanics of Polymers and Flux-Lines in Random Media	65
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-99ER45780 12/14/2011 Snoke	SC-22.22	Indirect Excitons in Coupled Quantum Wells: New Studies with Dark Excitons	106
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-90ER45438 11/30/2011 Balazs	SC-22.23	Designing Colonies of Communicating Microcapsules that Exhibit Collective Behavior	114
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-01ER45919 08/31/2007 Yang	SC-22.21	Multiscale Anomistic Simulations of Metal-Oxygen Surface Interactions: Methodological Development, Theoretical Investigation, and Correlation with	135
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-02ER45998 11/14/2011 Balazs	SC-22.23	Theoretical Modeling, Synthesis and Characterization of Self-Healing Coatings	358
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-00ER41135 11/30/2010 Swanson	SC-26.1	Studies of the Quark and Gluon Structure of Nuclear and Hadronic Matter	103
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-05ER46233 08/31/2009 Veser	SC-22.23	Multiscale Tailoring of Highly Active and Stable Nanocomposite Catalysts	100
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-04ER25618 02/28/2011 Yotov	SC-21.1	Modeling and Simulation of Coupled Complex Multiscale Subsurface Phenomena	70
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-91ER40646 10/31/2011 Shepard	SC-25	Experimental Particle Physics	760

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (PA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-03ER15434 04/14/2008 Petek	SC-22.11	Optical Manipulation of Ultrafast Electron and Nuclear Motion on Metal Surfaces	135
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-00ER15066 06/30/2009 Jordan	SC-22.11	Understanding the Electron-Water Interaction at the Molecular Level: Integrating Theory and Experiment in the	100
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-88ER13864 02/14/2007 Yates	SC-22.1	Surface Bonding of Molecules, Their Reactions and Confinement Effects in the Chemisorbed Layer	0
PITTSBURGH, UNIVERSITY OF Pittsburgh, PA	DE-FG02-03ER63590 12/14/2006 Mathis	SC-23.2	Development of [F-18]-Labeled Amyloid Imaging Agents for PET	0
SAINT JOSEPH'S UNIVERSITY Philadelphia, PA	DE-FG02-06CH11432 08/31/2008 DeVito, Wachterhauser	SC-23	Installation and Replacement of Fume Hoods in Saint Joseph's University Science Center in the Department of Chemistry	722
SWARTHMORE COLLEGE Swarthmore, PA	DE-FG02-00ER54604 11/30/2009 Brown	SC-24.2	Novel CT's Equilibrium, Stability, and Dynamics	171
TEMPLE UNIVERSITY Philadelphia, PA	DE-FG02-05ER25672 07/31/2011 Szyld	SC-21.1	Krylov Subspace and Schwarz Methods for PDEs, Control, and Other Problems	172
TEMPLE UNIVERSITY Philadelphia, PA	DE-FG02-05ER15638 12/31/2007 Borguet	SC-22.12	Real Time Dynamics of Laser Activated Interface Processes at the Molecular Scale	121
TEMPLE UNIVERSITY Philadelphia, PA	DE-FG02-96ER14644 11/30/2011 Strongin	SC-22.12	Reactivity of Iron-Bearing Minerals and CO2 Sequestration: A Multi-Disciplinary Experimental Approach	90
TEMPLE UNIVERSITY Philadelphia, PA	DE-FG02-94ER40844 03/31/2009 Meziani	SC-26.1	Nuclear Research Using the Electromagnetic Probe	253
TEMPLE UNIVERSITY Philadelphia, PA	DE-FG02-01ER45872 01/31/2009 Riseborough	SC-22.22	Strongly Correlated Electron Systems	73
THOMAS JEFFERSON UNIVERSITY Philadelphia, PA	DE-FG02-00ER63055 12/14/2006 Wickstrom	SC-23.2	Oncogene mRNA Imaging with Radionuclide-PNA-Peptides	0
THOMAS JEFFERSON UNIVERSITY Philadelphia, PA	DE-FG02-05ER64084 06/30/2009 Wang	SC-23.2	Characterization of the Role of Fhit in Maintenance of Genomic Integrity Following Low Dose Radiation, In Vivo and In Vitro	333
WASHINGTON & JEFFERSON COLLEGE Washington, PA	DE-FG02-06CH11420 12/31/2007 Carson, Barger	SC-23	Architectural Planning and Design for the Construction of a New Science Facility	385

Total for PA :

26,936

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (PR)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
PUERTO RICO, UNIVERSITY OF Mayaguez, PR	DE-FG02-04ER63738 12/31/2006 Massol	SC-23.3	Molecular Approaches to Understanding C&N Dynamics in Marine Sediments	76
PUERTO RICO, UNIVERSITY OF Mayaguez, PR	DE-FG02-97ER41045 05/31/2010 Lopez	SC-25	UPR/Mayaguez High Energy Physics	175
PUERTO RICO, UNIVERSITY OF San Juan, PR	DE-FG02-99ER45796 09/14/2003 Morell	SC-22.22	Studies of the Growth and Doping of Diamond Thin Films	-5
PUERTO RICO, UNIVERSITY OF San Juan, PR	DE-FG02-01ER45863 10/31/2003 Lopez	SC-22.22	Heavy Quark Physics	-65
PUERTO RICO, UNIVERSITY OF San Juan, PR	DE-FG02-01ER45868 08/31/2008 Katiyar	SC-22.21	Novel Energy Sources - Material Architecture and Charge Transport in Solid State Ionic Devices	400
Total for PR :				581

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (RI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
BROWN UNIVERSITY Providence, RI	DE-FG02-02CH11127 12/01/2006 Shank, Quinn	SC-23	Life Sciences Building	0
BROWN UNIVERSITY Providence, RI	DE-FG02-06CH11421 09/29/2008 Sanes	SC-23	Equipping and Constructing an MRI Facility	962
BROWN UNIVERSITY Providence, RI	DE-FG02-84ER13235 04/14/2009 Diebold	SC-22.12	Photoacoustic and Thermal Effects in Particulate Suspensions	100
BROWN UNIVERSITY Providence, RI	DE-FG02-03ER15413 02/28/2008 Rose-Petruck	SC-22.1	Development and Characterization of Replicable Tabletop Ultrashort Pulse X-ray Sources for Chemical Dynamics Research	0
BROWN UNIVERSITY Providence, RI	DE-FG02-03ER15452 10/31/2009 Weber	SC-22.11	Probing Chemical Dynamics by Structurally Sensitive Photoionization	109
BROWN UNIVERSITY Providence, RI	DE-FG02-98ER25346 02/28/2011 Hesthaven	SC-21.1	Parallel High Order Accuracy Methods (Deterministic and Stochastic) Applied to Non-Linear Equations	146
BROWN UNIVERSITY Providence, RI	DE-FG02-03ER25582 03/31/2008 van Dam	SC-21.1	Application Driven Research, Development, and Evaluation of Interactive Scientific Visualization Techniques in Multiple	0
BROWN UNIVERSITY Providence, RI	DE-FG02-91ER40688 10/31/2009 Cutts	SC-25	A Research Program in Theoretical and Experimental High Energy Physics	1,707
BROWN UNIVERSITY Providence, RI	DE-FG02-01ER45913 11/30/2011 Chason	SC-22.23	Mechanisms of Sputter Ripple Formation: Coupling Among Energetic Ions, Surface Kinetics, Stress and Composition	124
BROWN UNIVERSITY Providence, RI	DE-FG02-04ER63942 03/14/2009 Lawrence	SC-23.2	Development of Bioinformatics and Experimental Technologies for Identification of Prokaryotic Regulatory Networks	494
Total for RI :				3,642



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (SC)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CLEMSON UNIVERSITY Clemson, SC	DE-FG02-04ER46139 08/14/2010 Tritt	SC-22.21	The Next Generation Solid State Power Conversion Materials	439
CLEMSON UNIVERSITY Clemson, SC	DE-FG02-06ER46342 08/14/2010 Chumanov	SC-22.23	Asymmetric Hybrid Nanoparticles (AHNs)	157
CLEMSON UNIVERSITY Clemson, SC	DE-FG07-99ER62888 09/14/2005 DeVol	SC-23.4	Radionuclide Sensors for Water Monitoring	0
CLEMSON UNIVERSITY Clemson, SC	DE-FG02-03ER46031 09/30/2006 Daw	SC-22.23	LDA Calculations of Dislocation Mobility in Fe and Mo	0
CLEMSON UNIVERSITY Clemson, SC	DE-FG02-05ER15718 06/14/2011 Creager	SC-22.12	Fluoropolymers, Electrolytes, Composites and Electrodes	250
CLEMSON UNIVERSITY Clemson, SC	DE-FG02-05ER63971 12/14/2007 DeVol	SC-23.4	Radioanalytical Chemistry for Automated Nuclear Waste Process Monitoring	130
AROLINA, MEDICAL UNIVERSITY OF Charleston, SC	DE-FG02-06ER64267 06/30/2009 Mintzer	SC-23.2	Infrastructure for a State-Wide Research Network for Alzheimer's Disease	481
AROLINA, MEDICAL UNIVERSITY OF Charleston, SC	DE-FG02-02ER63385 04/30/2008 Lacy	SC-23.2	Nuclear Magnetic Resonance Project at the Medical University of South Carolina	0
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-04ER63840 12/31/2006 Temples	SC-23.2	Uranium Anomalies in Domestic Water Wells of the Coastal Plain	0
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-06ER64210 02/28/2009 Shafer	SC-23.4	Integrated Hydrogeophysical and Hydrogeologic Driven Parameter Upscaling for Dual-Domain Transport Modeling	214
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-04ER15515 05/31/2008 Wilson	SC-22.12	Understanding Long-Term Solute Transport in Sedimentary Basins: Simulating Brine Migration in the Alberta Basin, Canada	54
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-00ER14980 06/14/2008 Adams, Amiridis	SC-22.12	Studies of Multimetallic Clusters and Multimetallic Nanoparticles for Catalysis	200
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-98ER20312 08/31/2009 Krizek	SC-22.13	Regulatory Role of AINTEGUMENTA in Organ Initiation and Growth	112
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-04ER25608 08/14/2006 Buell	SC-21.1	Ultra-Scale Memory Analysis for High-End Computing	105
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-95ER40910 05/31/2010 Rosenfeld, Purohit	SC-25	Experimental Particle Physics	552

OFFICE OF SCIENCE  
 Information Management for Office of Science (IMSC)  
 Listing of Awards for State (SC)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-03ER46043 05/14/2008 Gudkov	SC-22.21	Fundamental Problems of Neutron Physics at the Spallation Neutron Source at the ORNL	0
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-99ER45763 04/14/2011 Kunchur	SC-22.22	Transport Behavior of Superconductors at High Dissipation and Short Timescales	83
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-06ER46270 12/31/2008 Knight	SC-22.21	Analysis and Development of a Robust Fuel for Gas-Cooled Fast Reactors	150
SOUTH CAROLINA, UNIVERSITY OF Columbia, SC	DE-FG02-04ER46122 01/31/2007 zur Loye	SC-22.23	Structural Investigations of Complex Oxides Using Synchrotron Radiation	149
Total for SC :				3,076

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (SD)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
SOUTH DAKOTA SCHOOL OF MINES Rapid City, SD	DE-FG02-04ER46117 01/31/2008 Kellar	SC-22.21	Interphase Analysis and Control in Fiber Reinforced Thermoplastic Composites	150
SOUTH DAKOTA STATE UNIVERSITY Brookings, SD	DE-FG02-06CH11410 12/31/2009 Erpenbach	SC-23	Thomas Daschle Center	962
			Total for SD :	1,112

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MIDDLE TENNESSEE STATE UNIV. Murfreesboro, TN	DE-FG02-86ER40293 07/31/2008 Carlton	SC-26.1	Nuclear Astrophysics and Neutron Cross Section Measurements	30
TENNESSEE STATE UNIVERSITY Nashville, TN	DE-FG02-04CH11216 05/31/2007 Keith, Shute	SC-23	Life Sciences Facility Renovations	0
TENNESSEE TECH. UNIVERSITY Cookeville, TN	DE-FG02-04ER25649 09/14/2008 Le Borne	SC-21.1	Theory and Application of Hierarchical Matrices in Multiscales Problems	97
TENNESSEE TECH. UNIVERSITY Cookeville, TN	DE-FG02-89ER40530 03/31/2010 Ayik	SC-26.1	Studies of Fluctuation Processes in Nuclear Collisions	0
TENNESSEE TECH. UNIVERSITY Cookeville, TN	DE-FG02-06ER25742 08/14/2007 Ghani	SC-21.1	Hybrid Multi-Layer Network Control for Emerging Cyber-Infrastructures	175
TENNESSEE TECH. UNIVERSITY Cookeville, TN	DE-FG02-96ER40955 02/28/2011 Kozub	SC-26.1	Nuclear Physics with Radioactive Ion Beams	45
TENNESSEE TECH. UNIVERSITY Cookeville, TN	DE-FG02-96ER40990 05/31/2009 Shriner	SC-26.1	Proton Resonance Spectroscopy	42
TENNESSEE, UNIVERSITY OF Chattanooga, TN	DE-FG02-04ER63888 08/31/2007 Whitfield	SC-23.2	The University of Tennessee Climate Change Research Initiative	0
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-04ER63895 08/14/2007 Kabalka	SC-23.2	New Radiotracers for Targeting Mutated Raf Protein for the Early Detection of Lung Cancer	0
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-04ER63939 03/31/2008 Baldwin	SC-23.4	In Situ Community Control of the Stability of Bioreduced Uranium	176
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-05ER63951 05/31/2008 Pfiffner	SC-23.4	An Integrated Assessment of Geochemical and Community Structure Determinants of Metal Reduction Rates in Subsurface Sediments	81
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG07-02ER63496 09/14/2005 McCarthy	SC-23.4	Colloid-Facilitated Transport of Radionuclides Through the Vadose Zone	0
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-02ER63366 10/31/2009 Classen	SC-23.3	Community and Ecosystem Response to Global Change: Interactive Effects of Atmospheric Carbon Dioxide, Surface Temperatures, and Soil Moisture	187
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-96ER40963 02/14/2011 Nazarewicz	SC-26.1	Theoretical Nuclear Structure	144
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-96ER40982 05/31/2011 Sorensen	SC-26.1	Studies of Hot and Dense Nuclear Matter	233

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-96ER40983 02/28/2011 Bingham, Riedinger, Grzywacz, Jones	SC-26.1	Nuclear Spectroscopic Studies with Radioactive and Stable Ion Beams	275
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-03ER41283 08/31/2007 Bugg	SC-25	Undulator-Based Production of Polarized Positrons at SLAC Final Focus Test Beam Facility (LCRD 2.37)	0
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-03ER41258 04/30/2009 Greene	SC-26.1	Experimental Weak Interactions with Pulsed and Continuous Cold Neutrons	180
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-01ER45885 07/31/2009 Musfeldt	SC-22.22	Spectroscopic Investigations of Complex Magnetic and Electronic Materials	107
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-97ER45657 11/30/2009 Quinn	SC-22.22	The Interpretation of Numerical Studies of Fractional Quantum Hall Systems in Terms of Elementary Excitations	100
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-06ER41407 03/31/2009 Dean	SC-26.1	JUSTIPEN: Japan US Theory Institute for Physics with Exotic Nuclei	50
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FC02-06ER54858 01/14/2009 Beck	SC-24.2	SciDAC - Center for Plasma Edge Simulation	55
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-05ER46202 05/14/2011 Dai	SC-22.21	Using Neutrons as a Probe to Study Magnetic Excitations in Strongly Correlated Electron Materials	313
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-05ER46182 05/31/2007 Kihm	SC-22.23	Fundamentals of Energy Transport in Nanofluids	38
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-05ER46183 06/30/2008 Callcott	SC-22.21	New Methods and Instrumentation for the Study of Complex Magnetic Materials and Nanostructures Using Soft X-Ray Spectroscopies	155
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-06ER46266 12/31/2009 Keppens	SC-22.21	Resonant Ultrasound Studies of Spin Glasses and Geometrically Frustrated Magnets	150
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-05ER46209 06/14/2008 Zhang	SC-22.22	Transport and Collective Properties of Magnetic Semiconductor Multi layers and Nano Structures	35
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-06ER46338 08/14/2010 Nieh	SC-22.22	Roles of Nanoclusters in Shear Banding and Plastic Deformation of Bulk Metallic Glasses	327
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FC02-06ER25748 09/14/2011 Dongarra	SC-21.1	Coordinated Fault Tolerance for High Performance Computing	400
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FC02-06ER25761 12/14/2011 Dongarra	SC-21.1	Performance Engineering Research Center (PERC-3) SciDAC Center for Enabling Technology	235

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FC02-06ER25778 12/14/2011 Huang	SC-21.1	SciDAC Institute for Ultra-Scale Visualization	100
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-91ER40627 03/31/2010 Kamyshkov	SC-25	Elementary Particle Interactions	510
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-04ER25651 09/14/2008 Beck	SC-21.1	Center for Gyrokinetic Particle Simulation of Turbulent Transport in Burning Plasmas	39
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-06ER25728 07/31/2009 Bosilca	SC-21.1	The Harness Workbench: Unified and Adaptive Access to Diverse HPC Platforms	163
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-05ER25717 08/31/2009 Parang, Davis	SC-21.1	Pipline Engineering Diversity Program	435
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-04ER25610 05/14/2008 Huang	SC-21.1	Transfer Function Design for Scientific Discovery	116
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-04ER25607 08/14/2007 Elhanany	SC-21.1	Design and Analysis of a Dynamic DWDM-based Multi- Terabit/sec Packet Switching Fabric	98
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-05ER15723 06/14/2011 Keffer	SC-22.12	A Computational and Experimental Investigation into the Transport Through of Protons near the Electrolyte/Water,	275
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-96ER20223 07/14/2009 von Arnim	SC-22.13	Translational Control by the Initiation Factor eIF3 During Arabidopsis Growth and Development	130
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-88ER13859 07/14/2009 Guiochon	SC-22.1	Separation of Highly Complex Mixtures by Two-Dimension Liquid Chromatography	100
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-02ER15331 07/31/2007 Sepaniak	SC-22.1	Nanostructured Materials as Transducers in Micro-Fluidic Platforms for Multifarious Chemical Analysis	0
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-01ER15259 10/31/2010 Barnes	SC-22.1	Nanostructured Metal Oxide Catalysts via Building Block Syntheses	125
TENNESSEE, UNIVERSITY OF Knoxville, TN	DE-FG02-02ER15283 02/28/2011 Macek	SC-22.11	Theory of Threshold Effects in Low-Energy Atomic Collisions	125
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-88ER40407 12/31/2009 Hamilton, Ramayya	SC-26.1	Experimental Nuclear Physics	306
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-85ER40226 05/31/2011 Weiler, Kephart	SC-25	Theoretical Investigations in Elementary Particle Physics	196

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TN)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-06ER15818 07/06/2007 McCabe	SC-22.12	Support for Young Worker Participation at the Foundations of Molecular Modeling and Simulation (FOMMS) 2006 Conference - July	10
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-03ER15385 02/14/2008 Cummings	SC-22.1	Molecular Modeling and Simulation of Water and Aqueous Electrolyte Systems	100
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-04ER41333 08/14/2009 Velkovska	SC-26.1	Multi-Gap Resistive Plate Chambers as a Time-of-Flight System for PHENIX	60
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-92ER40712 02/28/2010 Maguire	SC-26.1	Relativistic Heavy Ion Experimental Physics	470
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-96ER40975 05/31/2010 Oberacker, Ernst, Umar	SC-26.1	Microscopic Heavy-Ion Theory	117
VANDERBILT UNIVERSITY Nashville, TN	DE-FC02-06ER41447 03/14/2011 Bapty	SC-25	National Computational Infrastructure for Lattice Gauge Theory	36
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-99ER45781 10/31/2010 Tolk	SC-22.22	Hydrogen-Bond Specific Materials Modifications in Group IV Semiconductors	200
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-03ER46096 11/14/2008 Cummings, Pantelides	SC-22.22	Integrated Multiscale Modeling of Molecular Computing Devices	295
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-02ER45957 11/30/2009 Rosenthal	SC-22.22	Nanocrystal Research for Energy Efficient and Clean Energy Technologies	150
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-01ER45916 03/14/2011 Haglund	SC-22.22	Linear and Nonlinear Optical Properties of Metal Nanocrystal Composites Synthesized by Directed Self Assembly	198
VANDERBILT UNIVERSITY Nashville, TN	DE-FG02-05ER46239 08/31/2011 Jennings	SC-22.23	Surface-Directed Fabrication of Integrated Membrane-Electrode Interfaces	100
Total for TN :				8,084

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TX)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
ABILENE CHRISTIAN UNIVERSITY Abilene, TX	DE-FG02-03ER41243 05/14/2009 Sadler, Isenhower	SC-26.1	The Structure of the Nucleon and Its Excited States	165
BAYLOR UNIVERSITY Waco, TX	DE-FG02-06ER64253 05/31/2009 Doyle	SC-23.2	Lake Whitney Comprehensive Assessment, Phase 1B	481
BAYLOR UNIVERSITY Waco, TX	DE-FG02-05ER41399 05/31/2011 Dittmann	SC-25	Elementary Particle Physics at Baylor	117
HOUSTON, UNIVERSITY OF Houston, TX	DE-FG02-05CH11272 02/28/2007 Pettitt	SC-23	Installation of a Clean Room and Purchase of Lab Equipment	0
HOUSTON, UNIVERSITY OF Houston, TX	DE-FC02-06ER25759 09/14/2011 Chapman	SC-21.1	Center for Programming Models for Scalable Parallel Computing	400
HOUSTON, UNIVERSITY OF Houston, TX	DE-FG02-04ER25645 09/14/2008 Timofeyev	SC-21.1	Numerical Strategies for Reduced Dynamics for Models of Geophysical Flows	50
HOUSTON, UNIVERSITY OF Houston, TX	DE-FC02-01ER25502 09/14/2007 Chapman	SC-21.1	Center for Programming Models for Scalable Parallel Computing	0
HOUSTON, UNIVERSITY OF Houston, TX	DE-FG02-03ER25575 09/14/2007 Keyfitz	SC-21.1	Multidimensional Conservation Laws and Low Regularity Solutions	0
HOUSTON, UNIVERSITY OF Houston, TX	DE-FG02-94ER40836 12/31/2008 Hungerford	SC-26.1	The Investigation of Selected Experimental Problems at Intermediate Energies	325
HOUSTON, UNIVERSITY OF Houston, TX	DE-FG02-03ER46078 08/14/2007 Reiter	SC-22.21	Neutron Compton Scattering as a Probe of Hydrogen Bonded (and other) Systems	0
HOUSTON, UNIVERSITY OF Houston, TX	DE-FG02-04ER46160 07/31/2008 Moss	SC-22.21	Diffraction Studies of Glasses, Liquids, and Nanoclusters	65
HOUSTON, UNIVERSITY OF Houston, TX	DE-FG02-03ER54713 08/14/2009 Donnelly	SC-24.2	Spatially Resolved Diagnostics and Modeling of Microhollow Discharges	150
NORTH TEXAS, UNIVERSITY OF Denton, TX	DE-FG02-06ER54883 07/14/2009 Ordonez	SC-24.2	Experimental and Theoretical Study of the Plasma Physics of Antihydrogen Generation and Trapping	41
NORTH TEXAS, UNIVERSITY OF Denton, TX	DE-FG02-06ER46312 08/31/2009 Krokhin	SC-22.22	Effective Medium Theory for Periodic Composites	100
NORTH TEXAS, UNIVERSITY OF Denton, TX	DE-FG02-04ER15508 12/31/2009 Bagus	SC-22.12	The Influence of Mineral Surfaces on Multi-Election Reduction Mechanisms for Polyvalent Metals	34



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TX)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
NORTH TEXAS, UNIVERSITY OF Denton, TX	DE-FG02-03ER15387 05/14/2011 Cundari	SC-22.12	Modeling of Catalytic Processes for More Efficient Utilization of Hydrocarbon Resources	85
NORTH TEXAS, UNIVERSITY OF Denton, TX	DE-FG02-05ER15647 05/31/2011 Chapman	SC-22.13	Amidase-Mediated Modulation of N-Acylethanolamine (NAE) Signaling Pathway in Plants	120
PRAIRIE VIEW A&M RES FOUND Prairie View, TX	DE-FG02-97ER54452 01/31/2012 Boyd	SC-24.2	Institute for High Heat Flux Removal: Phase II	198
PRAIRIE VIEW A&M RES FOUND Prairie View, TX	DE-FG02-04ER54777 12/14/2011 Huang	SC-24.2	Study of Rotamak Plasmas	267
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-03ER63662 12/14/2010 Levander, Zelt	SC-23.4	3-D Seismic Experimentation and Advanced Processing/Inversion Development for Investigations of the Shallow Subsurface	149
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-97ER41031 04/30/2011 Roberts, Corcoran, Padley	SC-25	High Energy Physics	518
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-93ER40772 12/31/2010 Bonner	SC-26.1	Nuclear Structure at Intermediate Energies	472
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-06ER46337 08/14/2009 Natelson	SC-22.22	Electronic and Magnetic Properties of Individual Fe3O4 Nanoparticles	185
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-06ER46308 07/31/2009 Kono	SC-22.22	Spectroscopy of Degenerate One-Dimensional Electrons in Carbon Nanotubes	100
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-06ER46274 02/14/2011 Du	SC-22.22	Experiments on Quantum Hall Topological Phases at Ultra-Low Temperatures	125
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-05ER25693 08/14/2006 Hyde	SC-21.1	Efficient and Accurate Numerical Algorithms for Wave Propagation Through Large, Complex Inhomogeneous Media	-99
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-06ER25734 08/14/2009 Nakhleh	SC-21.1	Tools for Accurate and Efficient Analysis of Complex Evolutionary Mechanisms in Microbial Genomes	100
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FC02-06ER25762 12/14/2011 Mellor-Crummey	SC-21.1	Performance Engineering Research Center (PERC3)	215
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FC02-06ER25754 09/14/2011 Mellor-Crummey	SC-21.1	Center for Programming Models for Scalable Parallel Computing	400
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-03ER15394 06/14/2008 Braum	SC-22.13	Genetic Analysis of the Regulation of TCH Gene Expression	50

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TX)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-03ER15456 09/14/2009 Deem	SC-22.12	Towards Rational, Nanoscale Control of Catalysis: A Fundamental Study of Zeolite Nucleation Kinetics	150
RICE UNIVERSITY, WILLIAM MARSH Houston, TX	DE-FG02-01ER15232 05/31/2007 Scuseria	SC-22.1	Linear Scaling Electronic Structure Methods with Periodic Boundary Conditions	105
SOUTHERN METHODIST UNIVERSITY Dallas, TX	DE-FG02-04ER41299 02/14/2010 Stroynowski	SC-25	High Energy Physics	632
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-01ER15247 10/31/2005 Crooks	SC-22.1	A Fundamental Study of Transport Within a Single Nanoscopic Channel	0
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-03ER15420 11/14/2009 Clearfield	SC-22.1	The Synthesis, Structures, and Chemical Properties of Macrocyclic Ligands Covalently Bonded into Layered Arrays	0
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-04ER15520 03/31/2010 Russell	SC-22.12	Nanoparticle Laser Desorption Ionization and IM-MS Applied Structural Mass Spectrometry	120
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-04ER15557 08/14/2008 Golden	SC-22.13	Regulation of Development and Nitrogen Fixation in Anabaena	120
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-04ER15558 06/30/2008 Golden	SC-22.13	Global functional analysis of the genome of Synechococcus elongatus PCC 7942	120
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-95ER14511 12/31/2010 Goodman	SC-22.1	The Physical and Chemical Properties of Nanostructured Mixed-Metal Catalysts	210
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-06ER25727 03/31/2009 Efendiev	SC-21.1	Multiscale Analysis and Computation for Flows in Heterogeneous Media	28
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-05ER25669 04/14/2009 Efendiev	SC-21.1	Multiscale Modeling and Simulation of Flow in Heterogeneous Porous Media and Their Applications	63
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-06ER46278 03/14/2009 Pokrovsky	SC-22.22	Theory of Magnetic Heterostructures on the Nanometer Scale	139
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-02ER45999 09/14/2011 Dunbar	SC-22.23	Molecular Magnets Based on a Modular Approach: Investigation of Coupling, Anisotropy and Electronic Factors on Bistability	225
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-04ER41341 02/14/2009 Tribble	SC-26.2	Extending the Capabilities of the Texas A&M University Cyclotron Institute to Include Reaccelerated Radioactive Beams	300
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-06ER41405 11/30/2009 McIntyre	SC-25	New Technology for Future Colliders	610

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TX)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-95ER40917 04/30/2010 Webb, Nanopoulos, Kamon, McIntyre	SC-25	High Energy Physics Research at Texas A&M University	697
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-93ER40765 11/30/2011 Tribble, Gagliardi	SC-26.1	QCD and Standard Model Studies	200
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-05ER63979 11/14/2006 Clearfield	SC-23.4	Strategic Design and Optimization of Inorganic Sorbents for Cesium, Strontium and Actinides	132
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-04ER63899 08/31/2007 Santschi	SC-23.4	Biogeochemical Cycling and Environmental Stability of Pu Relevant to Long-Term Stewardship of DOE Sites	100
TEXAS A&M RESEARCH FOUNDATION College Station, TX	DE-FG02-06ER64306 09/14/2009 Rooney	SC-23.2	Genetic Enhancement of Sorghum Biomass for Bioenergy	800
TEXAS A&M UNIVERSITY College Station, TX	DE-FG02-06ER15816 08/14/2009 Morse	SC-22.12	Kinetics and Mechanisms of Calcite Reactions with Saline Waters	157
TEXAS A&M UNIVERSITY College Station, TX	DE-FG02-93ER40773 12/31/2010 Tribble	SC-26.1	Texas A&M University Cyclotron Institute Research Plan	2,231
TEXAS A&M UNIVERSITY College Station, TX	DE-FG02-06ER46333 08/30/2007 Schaak	SC-22.23	Low-Temperature Synthesis Routes to Intermetallic Superconductors	101
TEXAS A&M UNIVERSITY College Station, TX	DE-FG02-06ER64174 07/31/2009 Schumacher	SC-23.3	Hydrometeors Injected into the Large-Scale Environment by Tropical Cloud Systems	60
GRICULTURAL EXPERIMENT STATION Bryan, TX	DE-FG02-06ER64255 08/31/2007 Jones	SC-23.2	Texas A&M U-Lake Granbury/Bosque River Assessment (TX) Water Quality Prog for Lake Granbury, TX Best Management Practices-Benefit Verification	481
GRICULTURAL EXPERIMENT STATION Bryan, TX	DE-FG02-06ER15793 11/14/2006 Hirschi	SC-22.13	2nd Pan American Workshop on Plant Membrane Biology (South Padre Island, May 17-21, 2006)	5
TEXAS ENGRNG EXPERIMNT STATION College Station, TX	DE-FG02-04ER41292 12/31/2005 McIntyre	SC-25	Superconducting Dipoles for Future Hadron Colliders	0
TEXAS ENGRNG EXPERIMNT STATION College Station, TX	DE-FG02-96ER45598 11/30/2005 Pokrovsky	SC-22.22	Theory of Magnetic Heterostructures on the Nanometer Scale	-35
TEXAS ENGRNG EXPERIMNT STATION College Station, TX	DE-FG02-04ER25623 09/14/2008 Rauchwerger	SC-21.1	SmartApps: Middle-ware for Adaptive Applications on Reconfigurable Platforms	500
TEXAS ENGRNG EXPERIMNT STATION College Station, TX	DE-FG02-06ER15836 08/31/2009 Balbuena	SC-22.12	Modeling Catalyzed Growth of Single-Wall Carbon Nanotubes	105

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TX)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
TEXAS ENGRNG EXPERIMNT STATION College Station, TX	DE-FG02-05ER15729 06/14/2011 Balbuena	SC-22.12	Theory-Guided Design of Nanoscale Multi-Metallic Catalysts For Fuel Cells	200
TEXAS ENGRNG EXPERIMNT STATION College Station, TX	DE-FG02-00ER15033 08/31/2006 Morse	SC-22.1	Experimental and Analytical Studies to Model Reaction Kinetics and Mass Transport of Carbon Dioxide Sequestration in	0
TEXAS ENGRNG EXPERIMNT STATION College Station, TX	DE-FG02-00ER15034 05/31/2009 Datta-Gupta	SC-22.12	Time-Lapse Seismic Monitoring and Performance Assessment of CO2 Sequestration in Hydrocarbon Reservoirs	142
TEXAS TECH UNIVERSITY Lubbock, TX	DE-FG02-94ER14416 12/31/2011 Bartsch	SC-22.12	New Proton-Ionizable, Calixarene-Based Ligands for Selective Metal Ion Separations	115
TEXAS TECH UNIVERSITY Lubbock, TX	DE-FG02-99ER20346 09/14/2011 Knaff	SC-22.13	Ferredoxin-Dependent Plant Metabolic Pathways	120
TEXAS TECH UNIVERSITY Lubbock, TX	DE-FG02-95ER40938 02/28/2009 Wigmans	SC-25	Experimental Particle Physics Research	322
TEXAS TECH UNIVERSITY Lubbock, TX	DE-FG02-05ER46218 07/31/2011 McKenna	SC-22.23	Cyclic Macromolecules: Dynamics and Nonlinear Rheology	178
TEXAS TECH UNIVERSITY Lubbock, TX	DE-FG02-05ER46234 08/31/2009 Korzeniewski	SC-22.23	Strategies for Probing Nanometer-Scale Electrocatalysts: From Single Particles to Catalyst-Membrane Architectures	100
TEXAS TECH UNIVERSITY Lubbock, TX	DE-FG02-02ER63439 12/31/2006 Rodgers	SC-23.2	Transcriptional and Radio-Adaptive Responses to Low Dose Rate Environmental Exposures to the Radioactive Fallout at Chernobyl	0
TEXAS, UNIV OF MD ANDERSON C C Houston, TX	DE-FG02-03ER63599 12/31/2007 Kundra	SC-23.2	Bone Marrow Stem Cells as a Source of Hepatocytes	0
EXAS, UNIV. OF HEALTH SC. CTR. San Antonio, TX	DE-FG02-03ER63646 08/31/2007 Natarajan	SC-23.2	Real-Time Molecular Study of Bystander Effect Using Living Cell Imaging and Nanoparticles Optics	56
EXAS, UNIV. OF HEALTH SC. CTR. San Antonio, TX	DE-FG02-03ER63449 11/14/2006 Natarajan	SC-23.2	Molecular Characterization of Survival Advantage, Bystander Effect, & Genomic Instability After Low LET Low Dose	0
UNIV. OF SOUTHWESTERN MED. CTR Dallas, TX	DE-FG02-06ER64186 12/31/2009 Boothman	SC-23.2	The IGF-1/IGF-1R-MAPK-Secretory Clusterin (sCLU) Pathway: Mediator of a Low Dose IR-Inducible Bystander Effect	392
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-02ER45958 06/14/2011 Niu	SC-22.22	Transport and Collective Properties of Semiconductors and Graphen Overlayers	162
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-93ER40757 12/31/2011 Ritchie, Lang, Schwitters, Kopp,	SC-25	Research in High Energy Physics	760

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TX)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-94ER40845 03/31/2009 Hoffmann	SC-26.1	Studies in High Energy Heavy Ion Nuclear Physics	450
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-96ER40954 01/14/2011 Downer	SC-25	Laser Wakefield Acceleration: Channeling, Seeding, and Diagnostics	230
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER41321 01/31/2012 Shvets	SC-25	Investigations of the Plasma and Structure-Based Particle Accelerators	175
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER41332 08/14/2009 Klein	SC-26.1	Searching for the MSW Effect and Other New Physics with the Boron-8 Solar Neutrino Spectrum	103
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-05ER54840 07/31/2010 Shvets	SC-24.2	Collective High-Current Beam Effects Relevant to Fast Ignition of Fusion Targets	35
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-03ER54697 07/14/2006 Valanju, Bengtson	SC-24.2	Magnetofluid Bernoulli Confinement Experiment (MBX)	0
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER54742 10/31/2009 Van Dam	SC-24.2	Establishment of an Institute for Fusion Studies	2,506
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER54763 02/14/2008 Shvets	SC-24.2	Interaction of High Intensity Electromagnetic Waves with Plasmas	117
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER54754 06/14/2010 Kotschenreuther	SC-24.2	Removing the Divertor Bottleneck in Magnetic Fusion Energy	100
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER54766 05/14/2011 Gentle	SC-24.2	Collaborative Research: Magnetized Plasma Turbulence and Coupling to Bulk Flows	287
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-06ER46286 06/30/2010 Chelikowsky	SC-22.22	Theory of the Optical and Electronic Properties of Clusters and Nanostructures	107
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-96ER54373 03/31/2009 Gentle	SC-24.2	Turbulence and Transport in Tokamaks: A Proposal for Collaboration between The University of Texas Fusion Research Center and the MIT Plasma Fusion Center	410
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-97ER54415 03/31/2009 Gentle	SC-24.2	Proposed Diagnostics and Physics Contributions of the University of Texas Fusion Research Center to the DIII-D	419
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-06ER46303 08/14/2010 Liechti	SC-22.22	Nano-Mechanics of Tunable Adhesion using Non Covalent Forces	262
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-02ER15362 11/30/2011 Freeman	SC-22.12	Novel Membranes for Carbon Dioxide Removal from Natural Gas Based on Thermally Rearranged Polymers	145

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TX)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-01ER15186 10/31/2010 Sessler	SC-22.1	Synthetic Receptors and Sensors for Actinide Cations and the Pertechnetate Anion	160
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER15575 06/30/2008 Browning	SC-22.13	Protein Synthesis Initiation Factors: Phosphorylation and Regulation	120
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER15587 01/31/2012 Mullins	SC-22.12	Surface Chemical Studies of Gold Model Catalysts	150
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER15496 11/14/2009 Katz	SC-22.12	Metal-Anion Pairing at Oxide/Water Interfaces: Theoretical and Experimental Investigations from the Nanoscale to the	77
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-03ER15430 11/30/2009 Laubach	SC-22.1	Predicting Fracture Porosity Evolution In Sandstone	197
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-03ER15396 08/14/2007 Brown, Saxena	SC-22.13	Cellulose Synthesizing Complexes in Vascular Plants and Procaryotes	50
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-03ER15406 10/31/2009 Ditmire	SC-22.1	High Intensity Femtosecond XUV Pulse Interactions with Atomic Clusters	0
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-94ER14465 08/14/2006 Prigogine, Reichl	SC-22.23	The Behavior of Matter at Nanometer Length Scales: Fundamental Aspects and Applications	0
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-93ER14312 11/30/2006 Swinney	SC-22.23	Dynamics of Granular Materials and Particle-Laden Flows	0
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER25617 02/28/2011 Wheeler	SC-21.1	Modeling and Simulation of Coupled Complex Multiscale Subsurface Phenomena	112
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-05ER25701 01/31/2009 Oden	SC-21.1	Adaptive Multi-Scale Modeling Based on Goal Oriented Error Estimation and Control	382
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-06ER25738 08/14/2007 Ghattas	SC-21.1	Terascale Optimal PDE Simulations (TOPS) Center	287
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-05ER25671 06/30/2008 Baldick	SC-21.1	Reducing the Vulnerability of Electric Power Grids to Terrorist Attacks	117
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-05ER25686 08/14/2009 Chiou	SC-21.1	FAST: A Fast, Full-System, Cycle-Accurate Computer Simulator	99
TEXAS, UNIVERSITY OF Austin, TX	DE-FC02-06ER25782 12/14/2011 Ghattas	SC-21.1	Towards Optimal Petascale Simulations (TOPS)	80

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (TX)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-05ER15746 11/14/2011 Barbara	SC-22.13	Single Molecule Spectroscopic Studies of Charge Separation and Charge Transfer	170
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-06ER15758 10/31/2011 Crooks	SC-22.12	Theoretical and Experimental Study of Electrokinetic Accumulation and Separation	145
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-06ER15760 11/14/2009 Chelikowsky	SC-22.11	Scalable Methods for Electronic Excitations and Optical Responses of Nanostructures: Mathematics to Algorithms	261
TEXAS, UNIVERSITY OF Austin, TX	DE-FG02-04ER63741 12/14/2006 Sessler	SC-23.4	The Supramolecular Chemistry of Selective Anion Recognition for Anions of Environmental Relevance	150
EXAS, UNIVERSITY OF ARLINGTON Arlington, TX	DE-FG02-06ER64287 08/31/2009 Behbehani	SC-23.2	The University of Texas at Arlington Optical Medical Imaging Section of the Advancing Imaging Research Center	753
EXAS, UNIVERSITY OF ARLINGTON Arlington, TX	DE-FG02-06ER46288 08/31/2007 Priya	SC-22.22	Mesoscale Interfacial Dynamics in Magnetoelectric Nanocomposites	50
EXAS, UNIVERSITY OF ARLINGTON Arlington, TX	DE-FG02-96ER40943 01/31/2011 White	SC-25	Research in Experimental Elementary Particle Physics	592
EXAS, UNIVERSITY OF ARLINGTON Arlington, TX	DE-FG02-04ER15623 01/14/2009 Rajeshwar	SC-22.1	Shape-Controlled Electrosynthesis of Semiconductor Nanoparticles for Solar Energy Conversion	100
EXAS, UNIVERSITY OF ARLINGTON Arlington, TX	DE-FG02-05CH11280 05/15/2009 Behbehani	SC-23	The University of Texas at Arlington Optical Medical Imaging Section of the Advanced Imaging Research Center	1,653
EXAS, UNIVERSITY OF ARLINGTON Arlington, TX	DE-FG02-03ER15409 08/31/2009 Ray	SC-22.1	A Fully Relativistic Density Functional Study of the Role of 5f Electrons in Chemical Bonding in Transuranium Elements	154
TEXAS, UNIVERSITY OF DALLAS Richardson, TX	DE-FG02-04ER41310 04/14/2010 Izen	SC-25	Elementary Particle Physics	265
TEXAS, UNIVERSITY OF EL PASO El Paso, TX	DE-FG02-04ER25622 09/14/2008 Teller	SC-21.1	DAiSES: Dynamic Adaptability in Support of Extreme Scale	500
Total for TX :				27,686

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (UT)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands)
				FY 2006
BRIGHAM YOUNG UNIVERSITY Provo, UT	DE-FG02-05ER15666 08/14/2011 Woodfield	SC-22.12	Energetics of Nanomaterials	165
BRIGHAM YOUNG UNIVERSITY Provo, UT	DE-FG02-03ER15410 10/31/2009 Farnsworth	SC-22.1	Ion Production and Transport in Atmospheric Pressure ion Source Mass Spectrometers Equipment	125
UTAH STATE UNIVERSITY Logan, UT	DE-FC02-04ER54798 09/14/2007 Held	SC-24.2	Center for Extended Magnetohydrodynamic Modeling	60
UTAH STATE UNIVERSITY Logan, UT	DE-FC02-05ER54812 02/28/2010 Held	SC-24.2	Plasma Center for Computational Predictability at Washington, Wisconsin, and Utah State Universities	55
UTAH STATE UNIVERSITY Logan, UT	DE-FG02-04ER54746 12/14/2009 Held	SC-24.2	Advanced Closures for Numerical Simulations of Plasmas	69
UTAH STATE UNIVERSITY Logan, UT	DE-FG02-06ER64277 07/31/2009 Schmidt	SC-23.2	Establishment of the Intermountain Center for River Rehabilitation and Restoration at Utah State University	385
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-06ER64309 08/31/2009 Ehleringer	SC-23.3	Understanding the Influences of Seasonality and Interannual Variability on Biosphere-Atmosphere dl3CO2 Exchange in a	253
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-05ER64085 12/31/2008 Warters	SC-23.2	Characterization of the Role of TP53 Turnover Rates in Low IR Dose Sensitivity	330
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-05ER64026 12/14/2008 Trehwella	SC-23.2	Biological Neutron Scattering	230
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-04ER63904 08/31/2008 Bowling	SC-23.3	Long-Term Assessment of Isotopic Exchange of Carbon Dioxide in a Subalpine Forest (Niwot Ridge AmeriFlux Site)	149
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FC02-06ER54848 01/14/2009 Parker	SC-24.2	SciDAC - Center for Plasma Edge Simulation	40
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-98ER62571 02/28/2011 Mace	SC-23.3	The Coupling Between the Large Scale Atmospheric State and Cloud Properties: A Continuing Investigation with ARM Data	241
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-94ER61769 11/30/2006 Krueger	SC-23.3	Parameterization of Clouds in the NCEP Global Model	0
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-04ER46148 05/31/2010 Liu	SC-22.22	Towards Quantitative Understanding of Strain Induced Nanoscale Self-Assembly from Atomic-Scale Surface Energetics and Kinetics	129
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-04ER46109 11/14/2010 Vardeny	SC-22.23	Optical, Electrical and Magnetic Studies of pi-Conjugated Systems	180



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (UT)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-06ER46313 08/31/2009 Mishchenko	SC-22.22	Many-Body Effects in Spin-Polarized Transport	70
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-03ER46027 04/30/2010 Liu	SC-22.23	Group IV Nanomembranes, Nanoribbons, and Quantum Dots: Processing, Characterization, and Novel Devices	88
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-03ER46086 08/31/2009 Virkar	SC-22.22	Thermodynamic and Kinetic Studies of High Temperature Proton Conductors (HTPC) Using Thin Films and Porous Bodies	144
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-93ER45504 12/31/2010 Miller	SC-22.23	Synthesis of Molecule/Polymer Based Magnetic Materials	217
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FC02-06ER41446 03/14/2011 Detar	SC-25	SciDAC: National Computational Infrastructure for Lattice Gauge Theory	26
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FC02-01ER41183 07/14/2007 Detar	SC-25	SciDAC: National Computational Infrastructure for Lattice Gauge Theory	52
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FC02-06ER25781 12/14/2011 Johnson	SC-21.1	Visualization and Analytics Center for Enabling Technologies	525
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-04ER25653 09/14/2007 Johnson	SC-21.1	Center for Extended Magnetohydrodynamic Modeling	40
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FC02-01ER25457 07/31/2007 Johnson	SC-21.1	FusionGrid: An Enhanced Collaborative Environment for Magnetic Fusion	0
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-05ER15724 06/14/2011 Voth	SC-22.12	Computer Simulation of Proton Transport in Fuel Cell Membranes	150
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-04ER15620 09/14/2008 Drews	SC-22.13	Programmed cell death during female gametophyte development	120
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-93ER14333 02/28/2011 Harris	SC-22.12	Analytical Spectroscopy Methods for Liquid/Solid Interfaces	127
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-93ER14340 07/31/2007 Eyring	SC-22.1	Vibrational Spectroscopy of Absorbed Molecules on Metal and Metal Oxide Surfaces: Observations of Dynamic and Static Systems	0
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-03ER15404 05/31/2009 Armentrout	SC-22.1	Thermochemistry and Reactivity of Transition Metal Clusters and Their Oxides	193
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-04ER15536 04/30/2007 Grant	SC-22.1	Carbon-13 NMR of Solid State Hydrocarbons and Related Substances	0

U.S. Department of Energy  
OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (UT)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-99ER15003 10/31/2009 Anderson	SC-22.1	Model Catalysts by Size-Selected Cluster Deposition	153
UTAH, UNIVERSITY OF Salt Lake City, UT	DE-FG02-01ER15176 12/14/2010 Morse	SC-22.1	Spectroscopy of Organometallic Radicals	125
WESTMINSTER COLLEGE Salt Lake City, UT	DE-FG02-06CH11407 03/31/2007 Seltzer	SC-23	Purchase Equipment for Westminster College's Science Program and New Science Center	722
Total for UT :				5,163

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (VA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
GALILEO MAGNET HIGH SCHOOL Danville, VA	DE-FG02-06CH11408 10/31/2007 Culley, Lawrence	SC-23	Renovations	96
GEORGE MASON UNIVERSITY Fairfax, VA	DE-FG02-06ER64275 09/14/2008 Bailey	SC-23.2	Detection, Diagnosis, Transmission, Immunology and Therapy of Pathogenic Organisms	962
HAMPTON UNIVERSITY Hampton, VA	DE-FG02-06ER64252 08/30/2008 Keppel	SC-23.2	Development of a Cancer Treatment Research Center at Hampton University	481
HAMPTON UNIVERSITY Hampton, VA	DE-FG02-87ER40380 03/31/2010 Keppel	SC-26.1	The Hampton University Graduate Studies (HUGS) Summer Program at Jefferson Lab	40
HAMPTON UNIVERSITY Hampton, VA	DE-FG02-02ER54673 04/30/2006 Punjabi, Ali	SC-24.2	The 2006 HU Center for Fusion Science Research & Training (HU CRFT) Summer High School Fusion Science Workshop	0
HAMPTON UNIVERSITY Hampton, VA	DE-FG02-01ER54624 04/14/2010 Ali	SC-24.2	The Problem of Heat Deposition on Divertor Tokamak	69
HAMPTON UNIVERSITY Hampton, VA	DE-FG02-04ER54793 07/31/2010 Punjabi	SC-24.2	Homoclinic Tangles in DIII-D Divertor Tokamak	124
HAMPTON UNIVERSITY Hampton, VA	DE-FG02-97ER41047 05/31/2009 Tang	SC-26.1	Selected Problems in Nuclear/High Energy Physics: Experimental Hypernuclear Physics	120
HAMPTON UNIVERSITY Hampton, VA	DE-FG02-97ER41035 12/31/2006 Baker	SC-26.1	Electromagnetic Studies of Mesons, Nucleons, and Nuclei	43
NORFOLK STATE UNIVERSITY Norfolk, VA	DE-FG02-89ER40525 06/30/2010 Punjabi	SC-26.1	Polarization Experiments with Electromagnetic Probes	118
ERN VIRGINIA COMMUNITY COLLEGE Annandale, VA	DE-FG02-06ER64264 08/30/2009 Hinton	SC-23.2	Northern Virginia Community College Training for Biotechnology Workers	481
OLD DOMINION UNIVERSITY Norfolk, VA	DE-FC02-06ER25774 07/31/2008 Pothen	SC-21.1	Combinatorial Scientific Computing and Petascale Simulations (CSCAPES)	331
OLD DOMINION UNIVERSITY Norfolk, VA	DE-FG02-05ER54820 03/31/2011 Vahala	SC-24.2	EBW Physics of ECE in NSTX	57
OLD DOMINION UNIVERSITY Norfolk, VA	DE-FG02-96ER54360 05/31/2010 Vahala	SC-24.2	Topics in Plasma Physics	10
OLD DOMINION UNIVERSITY Norfolk, VA	DE-FG02-97ER45625 01/31/2009 Elsayed-Ali	SC-22.23	Effect of Electronic Excitation on Thin Film Growth	130

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (VA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
OLD DOMINION UNIVERSITY Norfolk, VA	DE-FG02-05ER41396 02/28/2009 Vuskovic	SC-25	Investigation of Plasma Etching for Superconducting RF Cavities Surface Preparation	60
OLD DOMINION UNIVERSITY Norfolk, VA	DE-FG02-97ER41028 04/14/2009 Radyushkin	SC-26.1	Topics in Theoretical Nuclear Physics	50
OLD DOMINION UNIVERSITY Norfolk, VA	DE-FG02-96ER40960 03/14/2011 Kuhn, Weinstein, Dodge	SC-26.1	From Quarks to Nuclei	560
RICHMOND, UNIVERSITY OF Richmond, VA	DE-FG02-05ER41379 04/30/2011 Beausang	SC-26.1	Nuclear Structure Research at Richmond	38
RGINIA COMMONWEALTH UNIVERSITY Richmond, VA	DE-FG02-05CH11282 09/30/2007 Gillikin, Ginder	SC-23	Expansion of Massey Cancer Center Research Facility	962
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-96ER14669 12/14/2009 Oyama	SC-22.1	Molecular Level Studies of Advanced Hydrotreating Catalysis	135
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-97ER14751 04/30/2009 Cox	SC-22.1	Hydrocarbon Dehydrogenation and Oxidation Over Model Metal Oxide Surfaces	145
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-03ER15389 12/31/2006 Rimstidt	SC-22.1	Electron Density Distributions as a Guide for Understanding the Reactivity of Silicate Earth Materials	0
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-00ER15112 10/31/2010 Dove	SC-22.12	Investigation of the Physical Basis for Biomineralization	226
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-97ER20276 07/31/2007 Chen	SC-22.13	Enzymology of Acetone-Butanol-Isopropanol Formation	0
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-04ER15627 09/14/2008 Beers	SC-22.13	Characterization of MYR1 and XND1, two Arabidopsis transcription factors involved in vascular tissue development	138
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-05ER15658 12/14/2011 Ross	SC-22.12	Energetics of Nanomaterials	72
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-05ER15751 05/31/2011 Brewer	SC-22.13	Photoinitiated Electron Collection in Mixed-Metal Supramolecular Complexes: Development of Photocatalysts for Hydrogen	140
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-06ER15786 05/14/2009 Hochella	SC-22.12	Frontiers in Biogeochemistry and Nanomineralogy: Studies in Quorum Sensing and Nanosulfide Dissolution Rates	121
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-06ER25751 08/14/2008 Nikolopoulos	SC-21.1	MELISSES: Liquid Services for Scalable Multithreaded and Multicore Execution on Emerging Supercomputers	131

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (VA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-06ER25720 11/30/2009 Watson	SC-21.1	Mathematical Software for Optimization and Nonlinear Systems of Equations on Terascale Computers	114
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-92ER40709 01/31/2010 Piilonen, Takeuchi	SC-25	Investigations in Experimental and Theoretical Particle Physics	317
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-06ER46290 07/31/2009 Viehland	SC-22.22	Mesoscale Interfacial Dynamics in Magnetolectric Nanocomposites	50
A POLYTECHNIC INST AND ST UNIV Blacksburg, VA	DE-FG02-06ER64185 03/14/2009 Brunner	SC-23.2	New Genetic Tools for Modifying Tree Properties to Enhance Carbon Sequestration	399
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-96ER40950 11/30/2010 Day, Crabb	SC-26.1	Electron Interactions with Nuclei	618
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-97ER41027 04/15/2009 Thacker	SC-25	Experimental and Theoretical High Energy Physics Group (Tasks A, B, C, and D)	912
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-97ER41025 05/31/2009 Norum	SC-26.1	Nuclear Studies with Intermediate Energy Probes	396
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-01ER41168 03/31/2010 Cates	SC-26.1	Medium Energy Spin Physics with Lasers	320
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-01ER41200 04/30/2010 Liuti	SC-26.1	Studies of Quantum Chromodynamics at the Intersection of the Perturbative and Non-Perturbative Regimes	45
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-03ER41240 05/31/2011 Liyanage	SC-26.1	Study of the Nucleon Structure at Jefferson Lab Hall A	112
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-00ER45825 06/30/2008 Scully	SC-22.21	Cooperative Interactions Among Corrosion Sites: Effect on a Variety of Corrosion Processes	128
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-01ER45918 03/14/2008 Howe	SC-22.21	Using Plasmon Peaks in Electron Energy-Loss Spectroscopy to Determine the Physical and Mechanical Properties of	118
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-01ER45927 06/14/2011 Louca	SC-22.21	Spin Transitions, Phase Competition and Ordering in Perovskite Oxides	236
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-99ER45771 06/30/2007 Johnson	SC-22.22	Microstructural Evolution and Interfacial Motion in Systems with Diffusion Barriers	0
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-04ER25640 09/14/2007 Veeraraghavan	SC-21.1	Enabling Supernova Computations by Integrated Transport and Provisioning Methods Optimized for Dedicated Channels	0

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (VA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-04ER25601 08/14/2008 Humphrey	SC-21.1	Identity Federation and Policy Management Guide	100
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-02ER25539 08/14/2006 Luebke	SC-21.1	View-Dependent Strategies for Very Large Scale Visualization	0
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FC02-06ER25776 12/14/2011 Humphreys	SC-21.1	SCIDAC Institute for Ultrascale Visualization	140
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-97ER20279 08/31/2008 Timko	SC-22.13	NADPH: Protochlorophyllide Oxidoreductase - Structure, Catalytic Function, and Role in Prolamellar Body Formation and Photomorphogenesis	120
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-00ER15053 05/31/2009 Jones	SC-22.1	Using Intense Short Laser Pulses to Manipulate and View Molecular Dynamics	145
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-97ER14786 10/31/2009 Gallagher	SC-22.1	Studies of Autoionizing States Relevant to Dielectronic Recombination	135
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-01ER15203 07/31/2006 Kolomeisky	SC-22.1	Physics of Low-Dimensional Bose-Einstein Condensates	0
VIRGINIA, UNIVERSITY OF Charlottesville, VA	DE-FG02-95ER14549 02/28/2009 Davis	SC-22.1	Structure and Function of Supported Base Catalysts	145
WILLIAM AND MARY, COLLEGE OF Williamsburg, VA	DE-FG02-04ER41302 03/14/2010 Vanderhaeghen, Orginos	SC-26.1	Topics in Theoretical Physics	125
WILLIAM AND MARY, COLLEGE OF Williamsburg, VA	DE-FG02-96ER41003 02/14/2011 Griffioen, Averett	SC-26.1	Nucleon Structure Studies	208
WILLIAM AND MARY, COLLEGE OF Williamsburg, VA	DE-FG02-06ER41434 11/30/2008 Kelley	SC-25	Research and Development for Electropolishing of Niobium for ILC Accelerator Cavities	99
WILLIAM AND MARY, COLLEGE OF Williamsburg, VA	DE-FG02-04ER46127 04/14/2010 Luepke	SC-22.22	Time-Resolved Spectroscopy of Insulator-Metal Transitions: Exploring Low-Energy Dynamics in Strongly Correlated Systems	205
WILLIAM AND MARY, COLLEGE OF Williamsburg, VA	DE-FG02-96ER54344 12/31/2011 Vahala	SC-24.2	Theoretical Plasma Physics	95
WILLIAM AND MARY, COLLEGE OF Williamsburg, VA	DE-FG02-06ER54885 07/14/2009 Tracy	SC-24.2	New Methods for the Analysis of Waves in Plasmas	90
WILLIAM AND MARY, COLLEGE OF Williamsburg, VA	DE-FG02-05ER25689 08/14/2006 Nikolopoulos	SC-21.1	MELISSES: Liquid Services for Scalable Multithreaded and Multicore Execution on Emerging Supercomputers	-31

Total for VA :

11,181

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (VT)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
CASTLETON STATE COLLEGE Castleton, VT	DE-FG02-06CH11412 11/30/2007 Wolk	SC-23	Math and Science Center Project	1,925
VERMONT, UNIVERSITY OF Burlington, VT	DE-FG02-00ER45828 06/30/2007 Wallace	SC-22.23	DOE EPSCoR Initiative in Structural and Computational Biology/Bioinformatics Phase II	0
VERMONT, UNIVERSITY OF Burlington, VT	DE-FG02-02ER45964 12/31/2006 Smith	SC-22.22	Electromagnetic Properties of Matter at X-Ray Wavelength	0
VERMONT, UNIVERSITY OF Burlington, VT	DE-FG02-02ER45962 12/31/2006 Lee	SC-22.22	Generating Cost Models of User-Defined Functions	0
VERMONT, UNIVERSITY OF Burlington, VT	DE-FG02-03ER46032 02/14/2007 Headrick	SC-22.21	Fundamental Mechanisms of Interface Roughness	0
VERMONT, UNIVERSITY OF Burlington, VT	DE-FG02-06CH11411 09/29/2007 Tracy	SC-23	Neuroimaging Center	385
Total for VT :				2,310

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-97ER20259 01/31/2010 Lewis	SC-22.13	Probing Lignin Primary Structure and Assembly: An Overdue Approach	65
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-96ER20225 07/14/2011 Kahn	SC-22.13	The Rhizobial Nitrogen Stress Response and Effective Symbiotic Nitrogen Fixation	120
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-06ER15820 08/14/2009 Hurst	SC-22.13	Membrane-Organized Chemical Photoredox Systems	135
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-06ER15782 06/30/2009 Clark	SC-22.12	Actinide Partitioning and Radiation Effects in U(VI) Solids: Thermodynamics and Mechanistic Study	110
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-05ER15672 08/14/2009 Grimes	SC-22.13	Functional/genomic analysis of vegetative storage protein proteolysis in leaf paraveinal mesophyll cells	120
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-04ER15618 07/31/2010 Dickinson	SC-22.12	Laser Material Interactions Relevant to Analytic Spectroscopy of Wide Band Gap Materials	125
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-06CH11455 05/31/2008 Clark	SC-23	Washington State University Radio Chemistry	289
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-03ER15481 10/14/2007 Wang	SC-22.12	Early Transition Metal Oxides of Catalysts: Crossing Scales From Clusters to Single Crystals to Functioning	76
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-04ER15559 06/30/2008 Kramer	SC-22.13	The Energy Budget for Steady-State Photosynthesis	140
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-02ER45988 06/30/2007 Dickinson	SC-22.21	Electron Emission as a Probe of Plastic Deformation in Single Crystal Metals	0
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-04ER46103 07/14/2009 Lynn, Weber	SC-22.22	Defects in ZnO and Other Oxides and Semiconductors - Laying the Foundation for Defect Engineering of Novel Materials	200
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG07-99ER62882 09/14/2005 Flury	SC-23.4	Colloid-Facilitated Transport of Radionuclides Through the Vadose Zone	0
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG03-99ER62860 08/31/2005 Wilson	SC-23.2	Monte Carlo Track-Structure Simulations for Low-LET Selected-Cell Radiation Studies	0
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-99ER62787 04/14/2009 Morgan	SC-23.2	Optimizing the Scientific Regulatory and Social Impact of the DOE Low Dose Program	350
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-01ER63234 08/31/2006 Miller	SC-23.2	Models for the Generation of Bystander Effects by Low Doses of Ionizing Radiation	0



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-05ER64105 07/31/2009 Miller	SC-23.2	Identification and Characterization of Soluble Factors Involved in Non-Targeted Effects of Low Dose Radiation	74
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-04ER63757 12/14/2007 Nash	SC-23.4	Characterization of Actinides in Simulated Alkaline Tank Waste Sludges and Leachates	161
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-04ER63802 04/30/2009 James	SC-23.2	Operation and Maintenance of the National Radiobiology Archives	73
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-05ER63974 12/31/2008 Xun	SC-23.4	Anaerobic Biotransformation and Mobility of Pu and PuEDTA	70
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG07-02ER63503 09/14/2005 Peyton	SC-23.4	Mechanisms of CC14 Retention and Slow Release in Model Porous Solids and Sediments	0
WASHINGTON STATE UNIVERSITY Pullman, WA	DE-FG02-04ER63727 11/14/2006 Xun	SC-23.4	Integrated Investigation on the Production and Fate of Organo-Cr(III) Complexes from Microbial Reduction of Chromate	300
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-03ER63663 12/14/2007 Strand	SC-23.4	Genetic Engineering of Plants to Improve Phytoremediation of Chlorinated Hydrocarbons in Groundwater	230
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-03ER63642 08/31/2008 Armbrust, Keil	SC-23.3	Diatom Photorespiration and Microbial C/N Cycling in the Upper Ocean: An Integrated Molecular and Biochemical Approach	0
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-05ER63990 05/31/2007 Burgess	SC-23.4	Physical Characterization of Solid-Liquid Slurries at High Weight Fractions Utilizing Optical and Ultrasonic Methods	153
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-05ER63959 11/30/2007 Bretherton	SC-23.3	ARM-based Development of a New Combined Parameterization for Shallow and Deep Cumulus Convection in Large-Scale Climate Models	125
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-04ER63796 11/30/2007 Berg	SC-23.4	Physical Properties of Hanford Transuranic Waste Sludge	86
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-04ER63873 07/31/2009 Lettenmaier	SC-23.3	North American Drought in the 21st Century	203
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-06ER64175 01/31/2010 Houze	SC-23.3	Hydrometeors Injected into the Large Scale Environment by Tropical Cloud Systems	60
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG07-01ER63297 09/14/2004 Burgess	SC-23.4	Investigating Ultrasonic Diffraction Grating Spectroscopy and Reflection Techniques for Characterizing Slurry Properties	0
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FC02-00ER62908 07/31/2007 Schwartz	SC-23.2	Radiation Sensitivity and Cancer Susceptibility	60

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FC02-05ER54811 02/28/2010 Jarboe	SC-24.2	Plasma Center for Computational Predictability at Washington, Wisconsin, and Utah State Universities	843
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-04ER54769 06/14/2012 Slough	SC-24.2	Small Scale Fusion: The Pulsed High Density FRC Experiment	302
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-04ER54779 09/30/2008 Raman	SC-24.2	Compact and Toroid Injection in NSTX	25
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-04ER54753 03/31/2008 Slough	SC-24.2	Magnetized Target Fusion	110
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-04ER54756 12/31/2010 Shumlak	SC-24.2	The ZaP Flow Z-Pinch Project	316
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-96ER54376 01/31/2010 Hoffman	SC-24.2	Rotating Magnetic Field Generation and Sustainment of FRCs Using an Advanced TCS/Upgrade	1,600
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-96ER54361 05/31/2010 Jarboe	SC-24.2	Helicity Injected Torus (HIT) Current Drive Program	864
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-98ER54480 12/14/2011 Steinhauer	SC-24.2	Theory of Field-Reversed Configurations	100
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-99ER54519 03/14/2011 Jarboe	SC-24.2	Solenoid Free Current Initiation and Sustainment by Coaxial Helicity Injection	271
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-04ER46102 01/31/2010 Sorensen, Ingalls	SC-22.22	Coherent X-Ray Spectroscopy of Solids	119
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-02ER45987 06/30/2010 Krishnan	SC-22.22	Exchange Anisotropy, Engineered Coercivity and Spintronics in Atomically Engineered L10 Heterostructures	207
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-97ER45623 02/14/2012 Rehr	SC-22.22	Quantitative Photon and Electron Spectroscopy Theory	258
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FC02-01ER41187 11/30/2006 Haxton	SC-26.1	Shedding New Light on Exploding Stars: TeraScale Simulations of Neutrino-Driven Supernovae and Their Nucleosynthesis	0
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-97ER41020 11/30/2011 Robertson	SC-26.1	Experimental Nuclear Physics	3,301
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-97ER41014 10/31/2011 Miller	SC-26.1	Nuclear Theory	585

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WA)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-96ER40956 01/31/2011 Yaffe, Wilkes	SC-25	Theoretical and Experimental Particle Physics	845
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-00ER41132 02/28/2009 Kaplan	SC-26.1	Institute for Nuclear Theory	2,050
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-04ER15599 07/31/2007 Rehr	SC-22.12	Supported Molecular Catalysts: Synthesis, In-Situ Characterization and Performance	72
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-03ER15448 09/14/2009 Torii	SC-22.13	Modes of Action and Functions of ERECTA-family Receptor-like Kinases in Plant Organ Growth and Development	130
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-01ER15252 09/14/2004 Leigh	SC-22.1	Global Regulation in the Methane-Producing Archaeon Methanococcus maripaludis	0
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-05CH11267 06/30/2009 Chamberlain	SC-23	Equipment Purchase for Research Laboratory	289
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-05ER15707 08/31/2010 Harwood	SC-22.13	Biohydrogen production by a photosynthetic bacterium	130
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-06ER15785 05/31/2007 Campbell	SC-22.12	Support for the 5th International Workshop on Oxide Surfaces (IWOX V)	8
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-05ER15755 05/31/2011 Prezhdo	SC-22.13	Atomistic Real-Time Simulation of Light Harvesting and Charge Transfer Dynamics in Novel Nanoscale Materials for Solar	120
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FC02-01ER25474 06/14/2007 Leveque	SC-21.1	An Algorithmic and Software Framework for Applied Partial Differential Equations	66
WASHINGTON, UNIVERSITY OF Seattle, WA	DE-FG02-03ER25576 09/14/2007 Greenbaum	SC-21.1	Numerical Methods for Forward and Inverse Problems in Discontinuous Media	0
Total for WA :				15,936

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
MARQUETTE UNIVERSITY Milwaukee, WI	DE-FG02-98ER20307 07/31/2008 Noel	SC-22.13	Lipopolysaccharide Structures and Genes Required for Root Nodule Development	100
WISCONSIN, MEDICAL COL. OF Milwaukee, WI	DE-FG02-04ER63772 02/14/2008 Roberts	SC-23.2	Developing Ethical Practice for Genetics Testing in the Workplace: An Evidence-Based Approach	450
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-03ER63604 09/14/2008 DeWeaver	SC-23.3	Diagnostic Research and Development: Dynamics of Arctic Climate & Atmospheric Circulation in Re-analysis & in AMIP, CMIP, & National Assessment Integration	73
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG07-02ER63501 12/31/2005 Edil, Alumbaugh	SC-23.4	A Resolution Analysis of Two Geophysical Imaging Methods for Characterizing and Monitoring Hydrologic Conditions in the	-39
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-05ER64038 10/14/2006 Blattner	SC-23.2	The 13th Annual International Conference on Microbial Genomes - Sept. 11-15, 2005	0
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64184 01/14/2007 Roden	SC-23.4	In Situ Immobilization of Uranium in Structured Porous Media via Biomining at the Fraction/Matrix	128
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64171 01/14/2009 Roden	SC-23.4	Integrated Nucleic Acid System for In-Field Monitoring of Microbial Community Dynamics and Metabolic Activity	57
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64172 01/14/2008 Roden	SC-23.4	Reaction-Based Reactive Transport Modeling of Iron Reduction and Uranium Immobilization at Area 2 of the NABIR	99
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64167 12/14/2011 Turner	SC-23.3	Evaluating Radiative Closure in the Middle-to-Upper Troposphere	90
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64187 01/31/2009 Eloranta	SC-23.3	Cloud Model Validation Using Particle Size & Ice Crystal Morphology Data Derived from M-PACE High Spectral Resolution Lidar &	114
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64202 03/14/2009 DeSlover	SC-23.3	Parameterizing Size Distributions in Ice Clouds	34
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64296 08/31/2007 Vimont	SC-23.3	Land/Atmosphere Interaction in the Community Climate System Model (CCSM)	24
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64297 08/31/2008 Vavrus	SC-23.3	Improving the Simulation of Arctic Clouds in CCSM3	24
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64305 02/29/2008 Turner	SC-23.3	Analysis and Calibration of CRF Raman Lidar Cloud Liquid Water Measurements	64
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER64232 06/30/2009 Lindroth	SC-23.3	Impacts of Elevated CO2 and O3 on Insect-Medicated Ecosystem Processes in a Northern Deciduous Forest	334

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-05ER25703 08/14/2009 Liu	SC-21.1	Multi-Scale Coupling in Geophysical and Climate Modeling	127
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-04ER25627 08/31/2011 Mitchell	SC-21.1	BACTER: Bringing Advanced Computational Techniques to Environmental Research	1,215
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-06ER25756 09/14/2011 Livny	SC-21.1	A Center for Enabling Distributed Petascale Science	560
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-88ER40438 12/31/2007 Haeberli	SC-26.1	Development of Hydrogen and Deuterium Polarized Gas Targets for Application in Storage Rings	190
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-91ER40643 06/30/2007 Larbalestier	SC-25	High Field Superconductor Development and Understanding	530
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-05ER15731 07/14/2011 Mavrikakis	SC-22.12	Atomic-Scale Design of a New Class of Alloy Catalysts for Reactors Involving Hydrogen: A Theoretical and Experimental Approach	280
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-01ER25475 04/30/2007 Rutland	SC-21.1	An Algorithmic and Software Framework for Partial Differential Equations	58
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-01ER25458 07/31/2007 Livny	SC-21.1	Particle Physics Data Grid from Fabric to Physics Empowering International Virtual Organizations for Frontier Science	515
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-01ER25450 07/31/2007 Livny	SC-21.1	SiDAC-DATA: High Performance Data Grid Tool Kit Enabling Technology for Wide Area Data-Intensive Applications	0
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-93ER25176 01/31/2009 Miller	SC-21.1	Tools for the Development of High-Performance Energy Applications and Systems	650
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-91ER20029 05/31/2008 Patterson	SC-22.13	Genomic Analysis of the Receptor Kinase Gene Family in Arabidopsis thaliana	73
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-94ER20140 12/31/2007 Hammel	SC-22.13	Small oxidants and electrophiles as agents of lignocellulose decay by fungi	49
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-88ER13938 06/30/2009 Sussman	SC-22.13	Molecular Mechanism of Energy Transduction by Plant Membrane Proteins	115
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-85ER13406 12/31/2009 Casey	SC-22.1	Mechanistic Studies at the Interface Between Organometallic Chemistry and Homogeneous Catalysis	155
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-86ER13500 10/14/2010 Crim	SC-22.11	Dissociation Pathways and Vibrational Dynamics in Excited Molecules and Complexes	145

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-87ER13712 05/31/2009 Cullen	SC-22.13	Extracellular Oxidative Metabolism of Wood Decay Fungi	120
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-93ER14389 03/31/2010 Valley	SC-22.12	High Precision Ion Microprobe Analysis of Low Temperature Quartz Cements	216
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-01ER15266 09/14/2009 Jiang	SC-22.13	Structure, Function, and Evolution of Rice Centromeres	140
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-01ER15234 10/31/2008 Rutland	SC-22.1	Terascale High-Fidelity Simulations of Turbulent Combustion with Detailed Chemistry (TSTC)	80
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-02ER15342 08/31/2011 Bent	SC-22.13	Dissection and Manipulation of LRR Domains in Plant Disease Resistance Gene Products	120
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-99ER14949 10/14/2009 Landis	SC-22.1	Mechanisms and Design in Homogeneous Catalysis	175
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-99ER14961 10/31/2006 de Pablo	SC-22.1	Fundamental Molecular Level Studies of the Role of Local Structure and Interactions on the Dynamics of Bulk and Confined Polymeric Glasses	50
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-04ER15565 03/15/2008 Sharkey	SC-22.13	Carbon Export from the Calvin Cycle in Plants and Protists	120
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-04ER15527 05/31/2010 Spalding	SC-22.13	Studies of Amino-Acid Signaling Mediated by Glutamate Receptors in Arabidopsis	120
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-06ER54899 08/14/2011 Schnack	SC-24.2	Center for Wave Interactions With Magnetohydrodynamics	100
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER54876 04/14/2008 Hegna, Corradini	SC-24.2	U.S. Burning Plasma Organization Activities	300
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-06ER54870 02/14/2008 Schnack	SC-24.2	SciDAC Cooperative Agreement for CEMM/Transport and Dynamics in Toroidal Fusion Systems	152
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER54868 06/30/2011 Schnack	SC-24.2	Transport and Dynamics in Toroidal Fusion Systems	313
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-90ER61057 10/31/2008 Revercomb	SC-23.3	High Spectral Resolution Observations for the ARM Program: Clear and Cloudy Sky Applications	169
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-01ER63249 09/14/2009 Liu, Kutzbach	SC-23.3	Towards the Prediction of Decadal to Centennial Climate Processes in the Coupled Earth System Model	295

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-04ER54762 02/14/2007 Whyte	SC-24.2	Disruption Mitigation Using High-Pressure Gas Jets: Extrapolation to Burning Plasma Experiments	150
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-04ER54745 02/14/2010 Santarius	SC-24.2	Atomic Physics Effects on Spherically Convergent, Child-Langmuir Ion Flow Between Nearly Transparent Electrodes	69
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-04ER54751 07/31/2010 Santarius	SC-24.2	Investigation of the Feasibility of Plasma-Jet Magnetized-Target Fusion	82
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-02ER54668 02/14/2008 Sovinec	SC-24.2	Center for Extended Magnetohydrodynamic Modeling	140
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-02ER54679 08/14/2008 Shaing	SC-24.2	Modeling of Plasma Rotation in National Spherical Torus Experiment	52
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-01ER54619 01/14/2011 Shaing	SC-24.2	Neoclassical Theory and its Applications	168
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-05ER54813 02/28/2010 Sovinec	SC-24.2	Plasma Center for Computational Predictability at Washington, Wisconsin, and Utah State Universities	80
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-05ER54814 12/14/2009 Sarff	SC-24.2	Reversed Field Pinch Research in MST	5,835
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER54850 04/30/2009 Sovinec	SC-24.2	Transients and Magnetic Relaxation in Innovative Confinement Concepts	99
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-05ER54831 07/14/2010 Forest	SC-24.2	Liquid Metal Studies of Dynamos	250
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-05ER54821 03/14/2011 Pfothenhauer	SC-24.2	Cryogenic Optimization of D2 Pellet Injectors: Preparation for ITER-Scale Fusion Reactors	80
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-96ER54362 12/31/2008 Corradini	SC-24.2	Fusion Reactor System Safety Studies: Radioactive Dust Mobilization, Transport and Chemical Reactivity in ITER; Identifying Key Phenomena and	50
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-96ER54375 11/30/2009 Hegna, Corradini	SC-24.2	Plasma Studies at Near-Unity Aspect Ratio	970
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-93ER54222 01/31/2010 Anderson	SC-24.2	HSX: A Helicallly Symmetric Toroidal Experiment	1,490
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-92ER54139 04/30/2011 Callen	SC-24.2	Large Experiment Data Analysis Collaboration	151

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-89ER53291 12/14/2010 Terry	SC-24.2	Turbulence and Transport in Toroidal Plasmas	156
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-89ER53296 12/31/2010 McKee	SC-24.2	Multifield Fluctuation Diagnostics for Turbulence Studies in Tokamak Plasmas	439
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-99ER54513 10/31/2010 Sawan, Mogahed, Sviatoslavsky,	SC-24.2	Nuclear Technologies for Near Term Fusion Devices	290
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-98ER54462 12/31/2009 El-Guebaly, Henderson, Haynes, Kulcinski	SC-24.2	Fusion Advanced Design Studies	230
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-97ER54437 09/14/2009 Hershkowitz	SC-24.2	Laboratory Measurements of Bohm Presheaths: Experimental Check of Many of the Predicted Properties	210
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-00ER54576 01/14/2006 Moses	SC-24.2	Atomic Properties of High Energy Density Plasmas: Database Development of Inertial Fusion Energy Applications	0
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-00ER54603 12/31/2009 Forest	SC-24.2	Stabilization of Resistive Wall Modes Using Moving Metal Walls	229
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-99ER54546 12/31/2010 Hegna	SC-24.2	Theoretical Studies of Near Symmetric Stellarator Plasmas	145
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-06ER46327 07/31/2010 Eom	SC-22.22	Growth and Characterization of Atomic Layer Controlled MgB2 Thin Films	149
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-85ER53212 11/30/2009 Terry	SC-24.2	Theoretical Studies Related to Reversed Field Pinch Physics	202
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-86ER52131 09/30/2006 Lee, Larbalestier	SC-24.1	Understanding and Development of High Field Superconductors for Fusion	0
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-86ER53218 12/31/2009 Hegna	SC-24.2	Nonlinear and Nonideal MHD	292
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-85ER52122 06/30/2011 Vernon	SC-24.2	High Power Microwave Transmission Systems for Electron-Cyclotron-Resonance Plasma Heating	110
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-04ER46147 05/31/2010 Evans	SC-22.21	Picosecond Dynamics in Complex Oxide Nanostructures	127
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FC02-06ER41436 03/31/2011 Livny	SC-25	Sustaining and Extending the Open Science Grid: Science Innovation on a PetaScale Nationwide Facility	840



OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WI)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-99ER45777 07/31/2011 Chang	SC-22.21	Study of Interfacial Chemistry, Structure, and Properties in Magnetic Tunnel Junctions	0
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-01ER45917 03/15/2006 Himpsel	SC-22.21	User-Friendly End Station at the ALS for Nanostructure Characterization	0
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-03ER46028 04/30/2010 Lagally	SC-22.23	Group IV Nanomembranes, Nanoribbons, and Quantum Dots: Processing Characterization, and Novel Devices	322
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-95ER40896 10/31/2010 Smith	SC-25	High Energy Physics Research: Experimental, Theoretical, Phenomenology, Mathematical	4,595
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-05ER41392 11/30/2006 Lee	SC-25	Magnetic Investigation of High Purity Niobium for Superconducting RF Cavities	0
WISCONSIN, UNIVERSITY OF Madison, WI	DE-FG02-04ER41351 08/31/2009 Prepost	SC-25	Development of Polarized Photocathodes for the Linear Collider	34
WISCONSIN, UNIVERSITY OF Milwaukee, WI	DE-FG02-84ER45076 10/31/2010 Saldin	SC-22.21	Electron Scattering from Surfaces	90
WISCONSIN, UNIVERSITY OF Milwaukee, WI	DE-FG02-06ER46277 03/14/2011 Lyman	SC-22.21	Probing Surfaces and Nanostructures with Surface X-ray Diffraction: Application of a Direct Method for the Visualization of Surfaces	152
WISCONSIN, UNIVERSITY OF Milwaukee, WI	DE-FG02-06ER46328 08/14/2009 Gajdardziska-Josifov	SC-22.21	Atomic and Electronic Structure of Polar Oxide Interfaces	150
Total for WI :				27,112

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WV)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
VIRGINIA UNIVERSITY RES. CORP. Morgantown, WV	DE-FG02-01ER45887 06/14/2006 Famouri	SC-22.22	Cold-Flow Circulating Fluidized-Bed Identification	0
VIRGINIA UNIVERSITY RES. CORP. Morgantown, WV	DE-FG02-00ER45829 12/31/2007 Bajura	SC-22.21	DOE/EPSCoR State Implementation Plan- -Integrated Computing, Communication, and Distributed Control of De-Regulated	0
VIRGINIA UNIVERSITY RES. CORP. Morgantown, WV	DE-FG02-03ER46042 05/31/2007 Scime	SC-22.21	Development of a Portable Laser Scattering Diagnostic for Short Wavelength Fluctuations in Laboratory Plasmas	0
VIRGINIA UNIVERSITY RES. CORP. Morgantown, WV	DE-FG02-06ER46299 07/31/2009 Bajura	SC-22.21	Direct Utilization of Coal Syngas in High Temperature Fuel Cells	700
VIRGINIA UNIVERSITY RES. CORP. Morgantown, WV	DE-FG02-06ER46267 12/31/2008 Koepke	SC-22.21	Laser-Induced Fluorescence Measurements on Plasma Science Experiments at Princeton Plasma Physics Laboratory	150
VIRGINIA UNIVERSITY RES. CORP. Morgantown, WV	DE-FG02-02ER25541 08/14/2007 Adjero	SC-21.1	Compression, Search, and Compressed Domain Analysis of Biological Sequences	0
VIRGINIA UNIVERSITY RES. CORP. Morgantown, WV	DE-FG02-06ER64148 11/14/2009 Cumming	SC-23.2	Exudation by Poplar Ectomycorrhizas: Qualitative and Quantitative Assessment of C Sequestration	389
Total for WV :				1,239

OFFICE OF SCIENCE  
Information Management for Office of Science (IMSC)  
Listing of Awards for State (WY)

Name of Awardee	Award Number / Project End / Pr. Investigator	Divisio	Title	Funding (in Thousands) FY 2006
WYOMING, UNIVERSITY OF Laramie, WY	DE-FG02-05ER64069 06/30/2009 Wang	SC-23.3	Using Radar, Lidar, and Radiometer Measurements to Classify Cloud Type and Study Middle-Level Cloud Properties	121
WYOMING, UNIVERSITY OF Laramie, WY	DE-FG02-06ER64272 07/14/2009 Hulme	SC-23.2	Expansion and Enhancement of the Wyoming Coalbed Methane Clearinghouse Website to the Wyoming Energy Resources Information Clearinghouse	481
WYOMING, UNIVERSITY OF Laramie, WY	DE-FG02-04ER15545 06/14/2007 Hurtubise	SC-22.1	Solid-Matrix Luminescence Analysis and Coupling Solid-Matrix Luminescence with Separation Methodology	0
WYOMING, UNIVERSITY OF Laramie, WY	DE-FG02-96ER14623 10/31/2006 Eggleston	SC-22.1	Multiscale Reactive Transport in Processes Related to CO2 Sequestration: Nanoscale Dynamics, Upscaling, and Non-Steady State Kinetics	0
WYOMING, UNIVERSITY OF Laramie, WY	DE-FG02-06ER15825 08/31/2009 Eggleston	SC-22.12	Waveguide Scanning Photocurrent Microscopy (WaSPM): A New Molecular Imaging and Characterization Tool	154
WYOMING, UNIVERSITY OF Laramie, WY	DE-FG02-06ER15823 08/31/2009 Eggleston	SC-22.12	Redox Interaction of Cytochromes and Bacteria with Oxide Surfaces: Probing Redox-Linked Conformation Change	99
WYOMING, UNIVERSITY OF Laramie, WY	DE-FG02-03ER46044 05/31/2007 Pierre	SC-22.23	Advanced Techniques for Power System Identification from Measured Data	0
WYOMING, UNIVERSITY OF Laramie, WY	DE-FG02-05ER46235 08/31/2009 Buttry	SC-22.23	eNMR for In-Situ Fuel Cell Catalyst Characterization	100
WYOMING, UNIVERSITY OF Laramie, WY	DE-FG02-05ER46185 06/01/2008 Roddick	SC-22.21	New Catalysts for Ionic Hydrogenations	149
Total for WY :				1,104
Grand Total:				633,447