



Colin Donald Kinz-Thompson

Graduate Institution: Columbia University - New York

Graduate Discipline: Chemistry

Hometown: Hilton, NY

Relevant SC Research: Biological and Environmental Research

Research Interest:

My current research project employs single-molecule fluorescence techniques to probe the mechanism behind the fidelity of translation termination. By understanding this process, we hope to shed light on gene translation – ultimately, achieving a level of understanding commensurate with the ability to decipher gene expression from a genome. This work

is supported with molecular dynamics simulations of factors associated with translation, as well as the development of nanophotonic devices to improve fluorescence signals.

About Me:

I am currently a second year graduate student at Columbia University studying in Professor Ruben Gonzalez's Laboratory.

After my graduate and post-doctoral work, I would like to teach at the university level. I graduated from the University of Rochester with a degree in chemistry, and am a member of Phi Beta Kappa and the American Chemical Society. In my spare time, I enjoy making music and movies, diving, reading, and exploring.



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