


Erik Nordquist

✉ erikbnordquist@gmail.com  erik-nordquist  <https://eriknordquist.com>

Education

Sep 2018 – | **University of Massachusetts Amherst**
PhD, Chemistry

Sep 2014 – May 2018 | **The College of Idaho**
BS, Chemistry and Math-Physics

Fellowships and Awards

Aug 2020 – | **Chemistry-Biology Interface (CBI) Fellowship**
Funded Traineeship (NIH and UMass)

Publications

- 2021 | 1. **Nordquist, E. et al.** Physics-Based Modeling Provides Predictive Understanding of Selectively Promiscuous Substrate Binding by Hsp70 Chaperones. *PLOS Computational Biology* (2021).
- 2020 | 2. Gong, X. et al. Accelerating the Generalized Born with Molecular Volume and Solvent Accessible Surface Area Implicit Solvent Model Using Graphics Processing Units. *Journal of Computational Chemistry* (2020).

Speaking and Activities

Oct 24, 2020 | **NESS 2020 short talk** *Physics-based Predictor of Dnak-Substrate Binding*

Jun 3 - 7, 2019 | **OpenACC GPU Hackathon at MIT** *Improving efficiency of parallelized implementation of GBMV2*

Teaching

Feb 11, 2020 | **Intro to Molecular Mechanics lecture** *Chem 586 - Stat Mech*

Sep 2018 – May 2019 | **General Chemistry Lab TA**

Service and Outreach

Sep 2021 – | **Journal for Emerging Investigators** *Reviewer*

Nov 2020 | **CBI Alumni Networking Event** *Co-Organizer*

Sep 2019 – Sep 2021 | **Annual Chem Dept ResearchFest** *Co-Organizer*