Erik Nordquist

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Education

–	**PhD Chemistry**, University of Massachusetts Amherst
2018	**B.Sc. Chemistry and Math-Physics**, The College of Idaho

Fellowships and Awards

2020 – 2021	**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).

Teaching

2020	**Stat Mech Lecture**, Intro to Molecular Mechanics
2018 – 2019	**General Chemistry Lab TA**
2019 – 2021	**UGrad Mentoring:** Callie Jillson, Samantha Schultz

Speaking and Activities

2020	**Northeastern Structural Symposium Research Talk** Physics-based Predictor of Dnak-Substrate Binding
2019	**OpenACC GPU Hackathon at MIT** Parallelizing implementation of Implicit Solvent Model

Service and Outreach

2021 –	**Journal for Emerging Investigators**, Reviewer
2020	**CBI Alumni Networking Event**, Co-Organizer
2019 – 2021	**Annual Chem Dept ResearchFest**, Co-Organizer