

Erik Nordquist

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Education

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|---|-------------------------------------|
| University of Massachusetts <i>Ph.D. Chemistry</i> | Sep 2018 – Present Amherst, MA |
| College of Idaho <i>B.Sc. Chemistry and Mathematics-Physics</i> | Sep 2014 – May 2018 Caldwell, ID |

Awards and Fellowships

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| NIH CBI Fellowship <i>Chemistry-Biology Interface, Interdisciplinary traineeship</i> | Sep 2020 – Present |
| Gipson Fellowship <i>College of Idaho Honors Fellowship</i> | Sep 2014 – May 2018 |
| Scarab Society Award <i>College of Idaho high academic achievement</i> | May 2018 |
| Male Scholar-Athlete of the Year <i>College of Idaho Cross-country and Track</i> | May 2018 |

Speaking and Activities

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| NESS 2020 Student talk speaker <i>Physics-based Predictor of DnaK-substrate binding (see publications)</i> | Oct 24, 2020 |
| OpenACC GPU Hackathon at MIT <i>Increasing efficiency of parallelized GBMV2 implementation (see publications)</i> | Jun 3 – 7, 2019 |

Teaching

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| Intro to MD lecture <i>Advisor's Chem 585 Stat Mech Course</i> | Feb 11, 2020 |
| Graduate Teaching Assistant <i>Gen Chem Lab, Hon. Mention for TA of year</i> | Sep 2018 – May 2019 |

Service and Outreach

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| CBI Alumni Networking Event <i>Planning and administering 1st annual networking and careers event</i> | Nov 2020 |
| Chemistry Dept. ResearchFest <i>Planning and administering annual in-house research conference</i> | Annual 2019 – 2020 |
| Lightning talk for Boys and Girls Club <i>Demo DIY dye-sensitized solar cells at BSU REU</i> | July 2017 |
| C of I Astronomy Day <i>Free science demos outreach to Caldwell families</i> | Annual 2016 – 2018 |
| Vallivue MS STEM Day <i>STEM demos at Caldwell middle school</i> | Annual 2016 – 2018 |

Publications

Physics-based Predictor of DnaK Substrate Binding (Paladin)
GPU-accelerating Implicit Solvent Model GBMV2, JCTC

In prep.
Jan 2020