

Education:

- Graduate Student, Oregon State University *September 2011 – Present*
Degree in progress – Master of Science, Nuclear Engineering
3.55 GPA, Expected graduation date – June 2013.
Thesis Topic – “A Thermal Hydraulic Analysis of the Deployment of
Molybdenum Elements within the Oregon State TRIGA[®] Reactor”
- Undergraduate Student, Oregon State University *September 2007- June 2011*
Bachelor of Science, Nuclear Engineering
Graduated Cum Laude, as a Presidential Scholar, with a 3.54 GPA.

Work Experience:

- Graduate Research Assistant, Oregon State University *June 2012 – Present*
OSU Hydro Mechanical Fuel Test Facility
 - Employed by Dr. Wade Marcum on the Oregon State University Hydro Mechanical Fuel Test Facility (OSU HMFTF) project, a Nuclear Quality Assurance-1 (NQA-1) compliant facility designed to provide a database of information to qualify prototypic nuclear fuels.
 - Job duties – authoring and executing procedures, authoring and reviewing quality documentation, performing maintenance and calibration duties, ordering from and interfacing with vendors, and operation of the OSU HMFTF.
- Research Assistant, Oregon State University *June 2011 – June 2012*
OSU Molybdenum Production Project
 - Employed by Dr. Wade Marcum on the OSU Molybdenum Production Project, an endeavor with the goal of producing medical isotopes at the OSU research reactor via specially designed fueled experiments.
 - Job duties – performing a thermal hydraulic safety analysis regarding the deployment of fueled experiments into the OSU TRIGA[®] reactor core with the application of RELAP5-3D considering both steady-state and transient scenarios.
- Undergraduate Research Assistant, Oregon State University *June 2010 – June 2011*
OSU Hydro Mechanical Fuel Test Facility
 - Employed by Dr. Brian Woods on the OSU Hydro Mechanical Fuel Test Facility (OSU HMFTF) project.
 - Job duties – writing, reviewing, and editing quality documentation for the OSU HMFTF.
- Undergraduate Research Assistant, Oregon State University *June 2009 – September 2009*
OSU Molybdenum Production Project
 - Employed by Dr. Todd Palmer on the OSU Molybdenum Production Project.
 - Job duties – performing an analysis with the ORIGEN-ARP program to analyze molybdenum yield from the deployment of a fueled experiment within the OSU TRIGA[®] reactor.