

MARIE OXIDE

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Education

University of New Hampshire

B.S. of Science in Chemistry

Durham, NH
Expected May 2018

Related Coursework:

- Physical Chemistry I and II
- Organic Chemistry I and II
- Instrumental Methods of Chemical Analysis

Research Experience

University of New Hampshire Department of Chemistry

Laboratory Research Assistant

Durham, NH
March 2015 – Present

- Perform organic synthesis to access new compounds with one graduate student
- Test compounds for inhibition against known bacterial targets
- Evaluate compound characteristics
- Compile and analyze research findings to present to UNH professor

Technical skills

Laboratory Skills Varian 400 MHz Nuclear Magnetic Resonance Spectrometer (NMR), Fourier Transform Infrared Spectrophotometer (FT-IR), HPLC, GC-MS, UV-Vis

Software Chem Draw, Mnova, Microsoft Office Suite

Campus Involvement

Alternative Break Challenge (ABC)

Leader

Durham, NH
March 2015 – Present

- Travel to various locations throughout the country to perform service projects for the local community
- Develop skills in citizenship, leadership skills, and responsibility

Alpha Chi Sigma (AXS)

Student Member

Durham, NH
September 2014 – Present

- Involved in outreach events with the local community to further the interest in chemistry and chemistry related fields with K-12 students
- Tutor students in general chemistry courses 4 hours each week

Additional Experience

University of New Hampshire Housing Department

Residential Assistant

Durham, NH
August 2015 – June 2016

- Provided guidance for approximately 300 students on a team of 7 co-RAs
- Emphasized community through conducting social gatherings and educational programs
- Directly advised 30 students on topics ranging from handling course loads to conflict resolution

Dover Veterinary Hospital

Receptionist

Dover, NH
June 2013 – August 2015

- Maintained medical records of over 200 clients
- Assisted veterinarians with discharging patients
- Scheduled appointments for new and current patients and confirmed appointments one day prior
- Promoted practice by attending events
- Reminded patients of any additional medical advice before leaving