

Valerie Obear

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SKILLS & QUALIFICATIONS:

- Experience with HPLC, H and C NMR, IR, Thin Layer Chromatography, Gas Chromatography, Mass Spectrometry and UV/Vis Spectroscopy
- Computer literate with Windows, Mac and Microsoft Office
- Able to work independently and in a large group setting
- Responsible and reliable, with a record of professionalism
- Two year experience with LIMS, Empower, and Sample Manager

EDUCATION:

Anticipated **B.S. in Forensic Science and Chemistry** with a minor in Forensic Psychology
Trine University, Angola, IN

3.92/4.0
May 2022

EXPERIENCE:

Abbott Nutrition, May 2021-August 2021

Sturgis, MI

Analytical Chemist Laboratory Intern

- Utilize Gas Chromatography and Iodide techniques on product samples to obtain data for fatty acid analyses
- Analyze and record data for a large corporation in nationwide databases (LIMS, Empower, Sample Manager)
- Time manage multiple samples each day resulting in accurate and precise data with a deviation of <10%.
- Familiarized with cGMP procedures and general laboratory safety guidelines

Trine University, January 2019-Present

Angola, IN

Resident Director, May 2021-Present

- Oversee a team of eight resident assistants
- Organize and plan events as well as prepare engaging activities for my team, coworkers and students
- Facilitates the social, academic and personal adjustments of students to their university experience
- Follows safety regulations and procedures for students and faculty

Laboratory Assistant, August 2021-Present

- Maintain laboratory guidelines and protocols while assisting students with general chemistry lab assignments
- Prepare samples, stock solutions and dilutions for each lab assignment
- Document and grade assignments into a state wide database

Resident Assistant, August 2019-May 2021

- Oversaw thirty college students on a daily basis
- Organized and planned events as well as prepare engaging activities for the campus
- Facilitated the social, academic and personal adjustments of students to their university experience
- Followed safety regulations and procedures for students and faculty

Chemistry Peer Tutor, January 2019-May 2021

- Educated peers on basic concepts of chemistry and build practical study habits

YMCA Camp Tecumseh, May 2019-August 2019

Brookston, IN

Resident Camp Counselor

- Planned and organized projects for campers and fellow counselors
- Guided and instructed a range of outdoor activities (swimming, hiking, team building etc.)
- Followed safety and emergency procedures and guidelines when instructed
- Communicated with campers, parents, and administrative staff

HONORS & AWARDS:

- NCAA D3 All American (2020 – 2021)
- Phi Eta Sigma Honorary Recipient, Treasurer (2019)
- Presidents List (2018 - 2021)
- QPR Suicide Prevention Training (2019 - 2022)

EXTRACURRICULARS:

- Trine University's Track & Field Team (2018 - 2021)
- American Chemical Society Member (2018 - 2021)
- Math Club, President (2019 - 2021)
- Campus Tour Guide (2019-2021)
- Kappa Sigma Sweetheart (2020 - 2021)
- Skull and Bones (2020 - 2021)