

RILEY DEPAUL

(123) 456-7890 | rdepaul@depaul.edu | www.linkedin.com/in/rileydepaul

EDUCATION

Bachelor of Science, Chemistry | DePaul University Expected Jun 2022

3.7 GPA | Dean's List

Departmental Award for Outstanding Performance in Organic Chemistry

RESEARCH EXPERIENCE

Chemistry Research Assistant | DePaul University Sep 2020 – Present

- Perform synthesis reactions, product purifications, recrystallizations, and characterization to contribute to a project focusing on producing zinc-based enzyme mimics.
- Clean materials, mail samples, and sort data to maintain efficient lab operations.
- Co-published a research paper on the synthesis and styrene copolymerization of novel trisubstituted ethylenes.

Undergraduate Fellow | Chicago Science Laboratory Jun 2019 – Aug 2019

- Prepared and studied protein solutions to assess their interactions with small molecules and metal ions.
- Assembled and configured lab equipment, including the Isothermal Titration Calorimeter.
- Attended weekly meetings with 9 research team members to discuss project goals and updates, brainstorm solutions, and establish cohesive team protocols and procedures.

ADDITIONAL EXPERIENCE

Organic Chemistry Teaching Assistant | DePaul University Sep 2021 – Present

- Attend and participate in Organic Chemistry courses to better understand the material.
- Direct students in performing assigned laboratory tasks and following safe, proper laboratory techniques.
- Hold weekly office hours to review subject material, answer students' questions, and provide practice problems.
- Grade laboratory assignments and written reports according to the professor's standards and rubrics.

General Chemistry Supplemental Instruction (SI) Leader | DePaul University Sep 2019 – Jun 2020

- Facilitated two 1-hour sessions per week for General Chemistry I & II students to review class material and work through practice problems with attendees.
- Developed practice worksheets with sample problems to actively engage students during each session and facilitate students' comprehension of course material.
- Supported the professor during class lectures by providing input and answering student questions.

SKILLS

- Titration, microscopy, synthesis, recrystallization, molecular extraction and analysis
- Data collection, analysis, and visualization
- Research writing
- Project management
- Teaching and tutoring

TECHNOLOGY

- Microsoft Office (Word, Excel, PowerPoint, Outlook, Teams)
- Google Suite (Docs, Sheets, Slides, Forms)
- SPSS