

# SARAH TEENFELD

Troy, NY | [saraht@gmail.com](mailto:saraht@gmail.com) | 555-555-5555

## EDUCATION

**Rensselaer Polytechnic Institute (RPI)**  
*Bachelor of Science in Chemistry*

**Troy, NY**  
*Expected May 2024*

## RELEVANT COURSEWORK

Chemistry II, Equilibrium Chemistry and Quantitative Analysis, Organic Chem I, Intro to Differential Equations

## SKILLS

Lab: Organic synthesis, catalysis, upstream/downstream processing, titration  
Instruments: NMR, CV, XRD, GC/MS, UV-vis, IR specz

## EXPERIENCE

### **Bristol-Myers Squibb**

*Analytic Development Intern*

**Boston, MA**  
*June 2022-Aug 2022*

- Conducted a project using HPLC and UPLC software for method development and optimization with a focus on method robustness
- Learned Fusion QbD and ACD Labs software for use in LC method development and optimization
- Presented project results and findings to the BMS Analytical Development department

### **RPI Organic Chemistry Lab**

*Student*

**Troy, NY**  
*Jan 2022-May 2022*

- Prepared, synthesized, and purified various drugs in a lab setting
- Utilized IR Spectroscopy, Mass Spectrometry, and HNMR Spectroscopy to identify unknown compounds
- Wrote up findings for professor and presented poster at research symposium

### **RPI Chem Lab**

*Undergraduate Researcher*

**Troy, NY**  
*Sept. 2021-April 2022*

- Synthesized organic ligands and inorganic compounds, on large and small scales, using anaerobic techniques
- Produced complexes of divalent first-row transition metals; studied their interaction with dioxygen
- Characterized products with  $^1\text{H}$  NMR, UV-vis, and IR spectroscopy as well as X-ray crystallography and magnetic susceptibility.

## LEADERSHIP & ACTIVITIES

### **RPI Undergraduate Association**

*President of the Committee on Student Life*

**Troy, NY**  
*Sept 2020-Present*

- Organized a weeklong convention of 3,000 students with activities geared towards improving health on campus
- Connected 376 First Year students to upperclassmen with similar career objectives in a one-on-one mentoring relationship