

# Hillary Pre-Health

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## EDUCATION

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**University of Richmond (UR)**, Richmond, VA

Bachelor of Science, Chemistry Major, History Minor, May 2021

GPA: 3.71

**Relevant Courses:** Genetics, Cell and Molecular Biology, General Chemistry, Organic Chemistry I, Organic Chemistry II, Inorganic Chemistry, Medicinal Chemistry, Physics with Calculus

### Honors:

- Dean's List, all semesters, Fall 2017-present
- Chancellor's List, 2019
- National Honor Roll, 2018-2019
- Golden Key International Honor Society, 2018
- Psi Eta Sigma, Freshman Honor Society, 2017

## EXPERIENCE

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**Teaching Assistant**, *UR Chemistry Department*, Richmond, VA, September 2018-Present

- General Chemistry, Fall 2018; Organic Chemistry I, Spring 2019; Organic Chemistry II, Fall 2019
- Demonstrate experiments and procedures to students in the course
- Developed proficiency in lab techniques in order to answer student questions
- Maintain order and cleanliness of labs

**Volunteer**, *International Service Learning*, Guyana, January 2019

- Traveled to Guyana to serve in rural clinics
- Took patient vitals and medical histories
- Observed the differences in healthcare systems in South American versus the United States

**Shadowing**, *Henrico Doctor's Hospital*, Richmond, VA, August 2018-December 2018

- Shadowed Dr. Rosana Itskovitch, Internal Medicine
- Observed routine examinations
- Witnessed the vital connection between patient symptoms and blood work results

**Volunteer**, *International Service Learning*, Belize, May 2017

- Assisted in the establishment of temporary clinics in remote areas
- Provided vaccinations to children in orphanages
- Performed door-to-door evaluations of hyperglycemia and hypertension to collect data for the Ministry of Public Health
- Observed and assisted in surgeries

**RESEARCH**

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**Undergraduate Research**, *University of Richmond*, Department of Chemistry, Spring 2017-Present

- Synthesize marine natural products; develop new reactions
- Experienced with microwave reaction techniques, NMR, infrared spectroscopy, gas chromatography mass spectroscopy, flash chromatography, radial chromatography, & TLC

**Regional Chemistry Conference**, *University of Richmond*, Southeast Regional Meeting of the American Chemical Society, Memphis, TN, Fall 2018

- Presented the research poster “A Combination Strategy for the Preparation of Storniamide and Pyrrolomycin Type Alkaloids”
- Attended seminars on developments in synthetic organic chemistry and medicinal chemistry

**Student Symposium**, *University of Richmond*, Spring & Fall 2018

- Presented findings on Coumarin synthesis, Spring 2018
- Presented findings on Rigidin synthesis, Fall 2018

**ACTIVITIES**

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**Students for Organ Donation**, *University of Richmond*, Fall 2018-Present*Co-Founder & President (Fall 2018-Present)*

- Aided in an attempt to break the world record for most students signed up to donate

**American Chemical Society-Student Affiliates**, *University of Richmond*, Fall 2018-Present*Member*

- Participated in a field trip to the Virginia Department of Forensic Science – Central Lab

**Student Health Advisory Committee**, *University of Richmond*, Fall 2017-Present*Founding Member & Committee Treasurer (Fall 2017-Present)*

- Conduct campus-wide inventory of health-related, over-the-counter products readily available to students
- Organize an annual fundraiser to purchase vitamins for children in developing countries
- Distribute “Campus Health” pamphlets to students

**Club Soccer**, *University of Richmond*, Spring 2017-Present*Team Captain (Spring 2019-Present)*

- Participated in Collegiate National Tournament, University of Texas at Austin, Fall 2017

**Pre-Health Professions Club**, *University of Richmond*, Fall 2017-Present*Member*

- Attend meetings to network with and learn from alumni and other guest speakers representing different health professions

**Volunteer Action Council**, *University of Richmond*, Fall 2017-Fall 2019*Member*

- Participated in the Senior Citizen’s Prom, Fall 2017
- Organized volunteers for the Virginia Blood Services Blood Drive
- Sorted and packaged donated goods during a Food Pack-A-Thon