

Hillary Pre-Health

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EDUCATION

University of Richmond, Richmond, VA, May 2007

Bachelor of Arts, History Major, Chemistry Minor, GPA 3.71

Relevant courses completed – Genetics, Cell and Molecular Biology, General Chemistry, Organic Chemistry I, Organic Chemistry II, Inorganic Chemistry, Medicinal Chemistry, Physics with Calculus

Honors, *University of Richmond*

- Golden Key, International Honor Society, 2004
- Psi Eta Sigma, Freshman Honor Society, 2004
- Dean's List, 2004-2008
- National Honor Roll, 2007-2008
- Chancellor's List, 2006

EXPERIENCE

Volunteer, *International Service Learning*, Guyana, January 2006

- Traveled to Guyana to serve in rural clinics taking patient vitals and histories

Shadowing, *Henrico Doctor's Hospital*, Richmond, Fall 2005

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

Teaching Assistant, *University of Richmond*, Fall 2004 – Present

- General Chemistry – Fall 2004; Organic Chemistry I – Fall 2005; Organic Chemistry II – Spring 2006
- Demonstrate experiments and procedures to students in the course
- Gained proficiency in lab techniques in order to answer student questions
- Concerned directly with maintaining order and cleanliness of labs

Volunteer, *International Service Learning*, Belize, May 2004

- Established temporary clinics in remote areas
- Provided vaccinations to children in orphanages
- To collect data for the Ministry of Public Health, door-to-door evaluations of hyperglycemia and hypertension were performed
- Observed and assisted in surgeries

RESEARCH**Undergraduate Research**, *University of Richmond*, Department of Chemistry, Spring 2004-Present

- Synthesized marine natural products; developed new reactions
- Experienced with microwave reaction techniques, NMR, infrared spectroscopy, gas chromatography mass spectroscopy, flash chromatography, radial chromatography, and TLC

Regional Chemistry Conference, *University of Richmond*, Southeast Regional Meeting of the American Chemical Society, Memphis, TN, Fall 2005

- 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

ACTIVITIES**Student Symposium**, *University of Richmond*, Spring, Fall 2005

- Presented findings on Coumarin synthesis, Spring 2005
- Presented findings on Rigidin synthesis, Fall 2005

Student Health Advisory Committee, *University of Richmond*, Fall 2004-Present, Committee Treasurer, Fall 2005-Present

- Acted as an organization founding member
- Conducted campus-wide inventory of health related over-the-counter products readily available to students
- Organized a campus-wide fundraiser to purchase vitamins for children in developing countries
- Distributed "Campus Health" pamphlets to students

Students for Organ Donation, *University of Richmond*, Fall 2005-Present

- Served as the organization's co-founder and president
- Currently preparing for National Donate Life Week in an attempt to break a Guinness World Record sign up of students to donate

Volunteer Action Council, *University of Richmond*, Fall 2003-Fall 2004

- Participated in the Senior Citizen's Prom – Fall 2003
- Organized volunteers for the Virginia Blood Services Blood Drive
- Sorted and packaged of donated goods during a Food Pack-A-Thon

Club Soccer, *University of Richmond*, Spring 2004-present

- Team captain, Spring 2006- Present
- Participant in Collegiate National Tournament, University of Texas-Austin, Fall 2004

American Chemical Society-Student Affiliates, *University of Richmond*, Fall 2005-Present**Pre-Health Professions Club**, *University of Richmond*, Fall 2003-Present