

Hillary Pre-Health

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EDUCATION

University of Richmond, Richmond, VA
Bachelor of Arts, History Major, Chemistry Minor
May 2007, 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
- ◆ Psi Eta Sigma, Freshman Honor Society
- ◆ Dean's List
- ◆ National Honor Roll
- ◆ Chancellor's List
- ◆ National Scholar's Honor Society

EXPERIENCE

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

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

- ◆ Shadowed Dr. Rosana Itskovitch, Internal medicine
- ◆ Observed routine examinations
- ◆ Gained invaluable experience in the 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
- ◆ In charge of demonstrating experiments and procedures
- ◆ Proficient 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
- ◆ Responsible for campus-wide inventory of health related over-the-country 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

- ◆ Organization co-founder/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