# SARAH SMITH

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Current Address 4567 Maple Avenue Charlottesville, Virginia 22903

### **EDUCATION**

University of Virginia, Charlottesville, Virginia

Bachelor of Arts, Political Science, Minor in Biology GPA 3.65

Expected May 2017

Relevant courses: Cell Biology, Biochemistry, Microbiology

## **CLINICAL EXPERIENCE**

### University of Virginia Hospital, Charlottesville, Virginia

Volunteer, Renal Dialysis Center

September 2015-Present

- Provide comfort and support for patients receiving renal dialysis
- Engage in conversation with patients
- Work with medical staff to keep pod units fully stocked and running smoothly

#### Madison House, Charlottesville, Virginia

Volunteer, Adopt-a-Grandparent Program

September 2013-May 2015

- Developed relationship with senior citizen through conversations once a week
- Participated in various activities at nursing home facility including exercise classes and game nights

## RESEARCH EXPERIENCE

#### University of Virginia, Charlottesville, Virginia

Research Assistant, Department of Biology

May 2015-August 2015

- Created single amino acid mutations in an enzyme involved in sulfur metabolism, sulfite reductase
- Cleaned and organized lab equipment
- Ordered and maintained office and lab supplies

Research Assistant, Cellular, Molecular and Developmental Biology

May 2014-August 2014

- Studied cell responses to a mutant yeast protein in a protein trafficking laboratory
- Performed site-directed mutagenesis through PCR to create specific mutants and transformed them into yeast
- · Observed protein stability and ubiquitination by immunoblotting and localization by immunofluorescence

# SHADOWING EXPERIENCE

## Lakeview Clinic, Roanoke, Virginia

Shadowing

December 2014-January 2015

- Shadowed Dr. Susan Johnson a general practitioner for 60 hours
- Viewed Dr. Johnson's interactions with patients, during examination, and throughout explanations of diagnosis
- Gained a greater understanding of the strong communication skills needed to be a physician

#### University of Virginia Hospital, Charlottesville, Virginia

Shadowing

October 2014

- Shadowed various Emergency Room doctors during two eight hour shifts
- Observed the unpredictability and variety of cases seen in an emergency room setting
- Gained a better understanding of the flexibility, and quick thinking needed to work as a physician in this environment

### **PUBLICATIONS**

Damon GQ, Johnson HC, Smith S. Methods of endocytosis. Annu Rev Biochem 2014, 78:843-916.