

# Molly K. Imgruet

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## EDUCATION

### University of Illinois at Urbana-Champaign

Major: Bioengineering, College of Engineering  
Minors: Chemistry, Spanish  
GPA: 3.88

Urbana, IL  
Graduation: May 2015

## WORK EXPERIENCE

### Mayo Clinic

*Summer Undergraduate Research Fellow*

- Designed a genotyping approach to study the genetic associations of systemic lupus erythematosus
- Analyzed genotypes and serological profiles of over 1,400 patients
- Presented at the Mayo Clinic Immunology Department Symposium and the SURF Symposium

Rochester, MN  
Summer 2013

### Myong Lab

*Undergraduate Researcher, Illinois Scholar of Undergraduate Research*

- Researched the G-quadruplex structure of the telomere with regards to disease propagation
- Skilled in SDS PAGE, PCR, Bradford Assay and Forster Resonance Energy Transfer measurements
- Presented posters at the Illinois Scholars of Undergraduate Research Symposium and the Undergraduate Research Symposium

Urbana, IL  
Fall 2012-Present

## COMMUNITY INVOLVEMENT

### Carle Foundation Hospital Volunteering, Urbana

*Division Head of the Family Care Unit*

- Oversaw the five Student Leaders and 115 volunteers of the OB/GYN, Neonatal Intensive Care Unit and Pediatrics departments
- Scheduled meetings with student leaders and nurse managers to discuss and implement improvements in patient care
- Conducted weekly patient safety rounds and office hours

Fall 2012-Present

*Student Leader of the Obstetrics Department*

- Coordinated the volunteering efforts of 32 volunteers in the Obstetrics Department
- Responsible for leading department trainings and orientations
- Maximized volunteer effectiveness by utilizing volunteer, nurse and patient input

### Global Brigades Medical Missions Trip, Nicaragua

- Translated the medical needs of more than 50 patients to and from Spanish
- Assisted in the care of more than 1100 patients
- Constructed a public waste system

Summer 2013

### Austin's Place Homeless Shelter, Champaign

*Shift Leader*

- Provided emergency overnight shelter for women and children
- Organized the arrival and set-up of guests
- Distributed donations to guests and supervised the overnight shifts

Fall 2011-Present

### Society of Women Engineers, Professional Liaison Committee

*Alumni Brunch Chair*

- Planned and promoted the biannual SWE alumni brunch
- Contacted and arranged a keynote speaker for each brunch
- Improved brunch attendance by both students and professionals

Fall 2011-Spring 2013

## AWARDS

Provost Scholar  
Illinois Scholarship for Undergraduate Research  
James Scholar, College of Engineering

National Merit Scholar  
National AP Scholar  
Illinois State Scholar