

GRINNELL SENIOR RESUME

Box XXXX | Grinnell College | 115 8th Ave. Grinnell, IA 50112 | 000.000.0000 | user@grinnell.edu

EDUCATION AND HONORS

Grinnell College Grinnell, IA
Bachelor of Arts, double major in Biological Chemistry, Chinese May 2015

- GPA: 3.92/4.0, Dean's List (5 semesters)
- C.V. Starr, Middlebury School Study Abroad Program in Hangzhou, China Spring 2014
- CET Academic Programs in Beijing, China January 2014
- National Merit Scholar, Member: Phi Beta Kappa, National Honor Society

TEACHING EXPERIENCE

Mentor and Teaching Assistant, Biology Department, Grinnell College
Molecules, Cells, and Organisms Fall 2013, 2014
Introduction to Biological Inquiry Spring 2013

- Organize weekly evening review sessions covering class materials and student questions
- Create relevant worksheets to discuss and synthesize new information
- Challenge students to draw connections between current and previous class topics
- Tutor students individually and in groups of 2–20

LEADERSHIP EXPERIENCE

Member
Biological Chemistry Student Educational Policy Committee Fall 2013–present

- Serve as intermediary facilitating student-faculty communication within biological-chemistry major
- Plan department-wide activities, allowing students and faculty to interact in non-academic settings

Student Leader
Mentors in Violence Prevention Fall 2012–present

- Lead peer workshops; facilitate conversations on violence prevention and active bystander response

Member
NCAA 2012 Division III Indoor Track and Field National Championship Student Planning Committee 2012

- Coordinated logistics/host facilities national meet, managed participants, spectators, student workers

RESEARCH EXPERIENCE

National Science Foundation Research Experience for Undergraduates (3 programs) Summer 2012–14

- Designed experiments related to current questions in plant and developmental biology
- Analyzed/communicated scientific results, including presentations, written proposals, final paper

Microbial Friends and Foes at Cornell University Ithaca, NY
Summer 2013

- Aided identification of salicylic acid-binding proteins' role in plant disease signaling
- Honed laboratory techniques of cloning, protein expression, and purification
- Awarded: Colonel's Cup Award for Best Scientific Presentation

Mount Desert Island Biological Laboratory Bar Harbor, ME
Summer 2012

- Determined the effects of akt on early sea urchin embryonic development
- Strengthened laboratory techniques of microinjection, confocal microscopy, cell proliferation assays

Published: Robertson, A.J.; Coluccio, A.; Jensen, S.; Rydzizky, K.; Coffman, J.A.; 2013. "Sea Urchin akt Activity Is Runx-Dependent and Required for Post-Cleavage Stage Cell Division," *Biology Open*, 2(5):472–8.

CAMPUS INVOLVEMENT

Women's Soccer Team, Varsity Fall 2011–present
Women's Indoor and Outdoor Track and Field Winter 2011–present

- Varsity letter, Academic All-Conference in soccer and track and field

Symphonic Band, viola Spring 2012–13

ADDITIONAL WORK EXPERIENCE

Student aide
Biology stockroom, Grinnell College Fall 2012–present

SPECIALIZED SKILLS

Language: Mandarin Chinese (advanced)
Technical: Excel (intermediate), R Studio (proficient coding), Microsoft Office (advanced)