

Michaela Koretko

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Personal Statement

As the scientific and medical landscapes become more complicated, the need to communicate complex concepts becomes increasingly important. I am a multidisciplinary representative of this necessity, with biological understanding phrased in a journalistic simplicity suitable for representing scientific, health and pharmaceutical groups.

Summary of Skills

- Organized individual
- Self-driven personality
- Effective scientific communicator
- Deadline-oriented team member
- Curious, critical thinker
- Proactive learner

Related Experience

Undergraduate Research Assistant (Pilon-Smits Plant Lab) 03/2015-Current

- Plants *Arabidopsis* lines to confirm copper transport mutants
- Works with sterile technique to propagate mutant poplars and *Arabidopsis* on sugar media
- Performs DNA and protein tests (PCR, gel electrophoresis, and Western Blotting) on iron mutant plant lines

JUR (*Journal of Undergraduate Research*) Associate Editor 11/2013-Current

- Decides whether or not scientific papers are worthy of preparation for publication
- Prepares undergraduate biology papers for publication
- Cooperates with graduate, undergraduate and professor referees for editing

Undergraduate Research Assistant (Stacy Endriss' DDIG Project) 05/2015-09/2015

- Arranged and randomized beds of 1000+ plants for testing plant defense theory
- Gathered measurements and data for three separate harvests
- Maintained common mullein in shade houses

Mentor for CSU Communications Institute 06/2015

- Tutored underprivileged high schoolers in writing, photography and video editing labs
- Coordinated social media for students during workshop
- Supervised students in dormitory environment

Articles Published

"Ruby Horsethief Canyon: A Beginner's First Run on the Colorado River" 04/2015

- Published in *Grand Valley Magazine*
- Described a kayaking adventure from Summer 2014
- Included 3 photos plus accessories in two double-paged layouts

"Double Majors: When interests intersect in unexpected ways" Spring 2015

- Published in the *Journal of Undergraduate Research and Scholarly Excellence*
- Described, in editorial style, the unique approaches and challenges of double majors

Education

Colorado State University, Fort Collins Expected Graduation: 05/2016

- Earning bachelor's degrees in journalism and biology as a 3.72 GPA honors student
- Appearing on Dean's list for 5 semesters
- Concentrating on molecular, cellular, genetic biology with proficiency in genetic analysis
- Focusing on print journalism with Microsoft, Adobe, web design, photography, PR, and video proficiencies

Ridgeview Classical Schools High School, Fort Collins

09/2008-05/2012

- Tutor for writing and biology (4 years)
- Five academic awards
- Moral character award
- 3.9 GPA
- Graduated with high honors
- Emphasis on reasoning and writing

Work Experience

Certified Trainer at Panera Bread Company, Fort Collins

01/2013-Current

- Trains new employees
- Creates job-aids for new employees
- Operates register, makes food, maintains cleanliness in cafe