

ALEXANDRA MCHENRY

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OBJECTIVES:

I am passionate about working with local communities to foster environmental stewardship and protect the health of both people and the environment. The following qualities, in addition to my experience and hard skills, make me a valuable member of any team:

- Optimistic and have the ability to take on challenging tasks with enthusiasm
- Relationship builder, exceptional at both listening purposefully and expressing my opinions
- Visionary with the ability to see the big picture and understand the steps needed to achieve goals

EDUCATION

M.Sc. Conservation Leadership Candidate, Colorado State University December 2016
Human Dimensions of Natural Resources, Warner College, Fort Collins, CO

Conservation Leadership Through Learning is a Master's program that uses a multidisciplinary approach and experiential learning to facilitate an in-depth understanding of conservation through a strong emphasis on collaboration, applied skills and multicultural perspectives.

B.A. Biology, Occidental College, Los Angeles, CA May 2012
Magna Cum Laude, Distinction in Biology

Organization for Tropical Studies Spring 2011
Conservation and Land Management Study Abroad Program in South Africa

PROFESSIONAL EXPERIENCE

Center for Collaborative Conservation, Colorado State University August 2015 – May 2016
Graduate Research Assistant

- Conducted a literature review on 130 collaborative conservation initiatives
- Designed a survey and formatted semi-structured interview questions focused on understanding the leadership and collaborative process of each initiative
- Assisted in creating a story map in ArcGIS to spatially display data online

Denver Waldorf School, Denver, CO November 2012 – May 2015
Math Teacher (January 2015 – May 2015)

- Designed curriculum to promote students' critical thinking, emotional intelligence and artistic expression
- Created homework assignments and assessments tailored to the specific learning needs of each student
- Managed classroom environment of Sophomore and Junior students

Substitute Teacher (November 2012 – May 2015)

- Instructed classes of 20-30 students in 1st through 12th grade

ESL Tutor (January 2015 – May 2015)

- Assisted high school international students with coursework and English language learning including written and oral skills

Fulbright English Teaching Assistant, Terengganu, Malaysia
English Teacher, SMK Putera Jaya

January 2014 – October 2014

- Awarded a federal grant to assist in strengthening English language in public schools
- Developed and implemented interactive English conversation and grammar curriculum for students ages 13-18, considering age appropriate learning abilities, needs, and interests
- Built rapport with students and coworkers from different cultural backgrounds and gained sensitivity to the dynamics of cross cultural work environments
- Maintained a positive attitude in challenging and new environments while remaining resourceful and adaptive

Heifer International Learning Center Rutland, MA
Education Volunteer

August 2013 – October 2013

- Facilitated experiential learning for students on sustainable agriculture
- Simulated cross-cultural immersion through a global village where participants experienced ‘a day in the life’ of another culture by visiting a market scene, cooking traditional food and living in cultural housing
- Aided in curriculum development and instruction for classroom sessions addressing issues of world hunger and poverty
- Worked with the education team to guide participants through programming with specific attention to meeting the unique needs of each individual

RESEARCH EXPERIENCE

University of Minnesota, Peter Reich Lab. Cloquet, MN
Research Intern

August 2012 – November 2012

- Worked as a field assistant for the B4Warmed climate change ecology project
- Field work included using technical equipment to measure soil respiration and tracking tree and herbaceous plant phenological and physiological changes
- Laboratory work included weighing and measuring leaves using image J computer software and entering and organizing data in an online database
- Gained skills in data organization and time management by working with a collaborative research team on multiple data sets and a complex timeline

Undergraduate Research Assistant, Biology Department, Occidental College

August 2010 – May 2011

- Organized and curated the college’s insect collection
- Surveyed lizard populations by observing and recording behaviors and locations using GPS
- Identified morphological characteristics of the venom duct in cone snails in an invertebrate lab through work with blood sample slides and Transmission Electron Microscopy (TEM)

Independent Research Project, Organization for Tropical Studies, South Africa

January 2011 – May 2011

- Collected and identified termite specimens in Kruger National Park, South Africa.
- Analyzed termite distribution and diversity at the Genus level. Presented results of research to scientific services and park staff

ACCOMPLISHMENTS

- Gasbarro Distinguished Achievement Scholarship
Nominated by my peers as someone who exemplifies team leadership and demonstrates the ability to be an inspiring conservation leader
November 2015
- Jack Capp Natural Resource Conservation Leadership Scholarship
August 2015
- John Lynch Foundation Family Scholarship
Awarded bases on academic performance, athletic accomplishments and community involvement
May 2008

PRESENTATIONS AND PUBLICATIONS

Frickman, C., **McHenry, A.**, and Walker, S. (2016, November). Women and Conservation in Kenya: Exploring empowerment through leadership development and income generation. Masters' final capstone presentation, Colorado State University, Fort Collins, CO.

McHenry, A. (2012, April). Curse of the living dead: Zombie ants as an extended phenotype of the *Ophiocordyceps* fungus. Senior comprehensive presentation, Occidental College, Los Angeles, CA.

Klann, J., **McHenry, A.**, Montelongo, C. and Goffredi, S. K. (2016). Decomposition of plant-sourced carbon compounds by heterotrophic betaproteobacteria isolated from a tropical Costa Rican bromeliad. *MicrobiologyOpen*. doi: 10.1002/mbo3.344

VOLUNTEER EXPERIENCE

Metro Caring Hunger Relief Center, Marketplace Volunteer	April 2015 – August 2015
Christ the King Catholic School, Volleyball Coach	February 2013 – May 2013
Breckenridge Outdoor Education Center, Assistant Snowboard Instructor	November 2012 – April 2013
SeriousFun Children's Network, Round-Up River Ranch, Camp Counselor	July 2012
Denver Health Medical Center, Emergency Department Volunteer	May 2010 – August 2010

CERTIFICATIONS

Conflict Management Training , Mind the Gap	April 2016
Conservation Action Planning , The Nature Conservancy	November 2015
Scuba Diving, PADI Open Water Certified , Perhentian Islands, Malaysia	May 2014