

Education

University of Colorado Boulder: College of Engineering and Applied Sciences <i>Masters of Science Civil Engineering</i>	May 2018 GPA: 3.8
Boulder, Colorado <i>Bachelors of Science Environmental Engineering</i>	GPA: 3.8
Universidad de Carlos III de Madrid Semester Abroad in direct exchange with engineering classes in both English and Spanish.	Fall 2015

Professional Licensure

Professional Engineering License – New Mexico #27455
Professional Engineering License – Colorado #0059298

Employment & Research Experience

Senior Water Planner <i>New Mexico Interstate Stream Commission</i> - Lead the development and implementation of the regional water planning program via the implementation of the 2023 Regional Water Security Planning Act. - Worked with local, state, federal, and tribal partners to assess impacts and support water planning efforts. - Managed projects and created materials to communicate complex water issues and engage the public, up to the tune of contracts of over \$1 million.	March 2023– Present Albuquerque, NM
Water Planner <i>New Mexico Interstate Stream Commission</i> - Supported and led regional, state, and long-range water planning efforts. - Developed planning documents, maps, and graphics to guide sound water management. - Coordinated with agencies, stakeholders, and the public through outreach and education. - Identified critical water themes, analyzed scenarios, and recommended policies and strategies.	March 2022 March 2023 Albuquerque, NM
Water Resources Professional <i>New Mexico Office of the State Engineer – District 1</i> - Administered surface and groundwater rights in accordance with New Mexico’s prior appropriation doctrine and State Engineer regulations. - Reviewed, processed, and monitored water rights applications, transfers, and permits to ensure compliance with state law and interstate compact obligations. - Conducted field inspections, collected and analyzed hydrologic data, and maintained accurate records of water use and diversion.	August 2021– March 2022 Albuquerque, NM
Water Resources Engineer <i>Wright Water Engineers</i> - Performed Evapotranspiration Calculations for three mountainous reservoirs - Analyzed and wrote engineering comments for opposition to water right application reports - Water Rights diligence work for conditional decrees	June 2018 – July 2021 Denver, CO

Water Rights Intern

June 2017 – August 2017

Denver Water

Denver, CO

- Performed Evapotranspiration Calculations for three mountainous reservoirs
- Analyzed and wrote engineering comments for opposition to water right application reports
- Water Rights diligence work for conditional decrees

Environmental Engineering Intern

May 2016 – April 2017

MWH Americas

Denver, CO

- Data analysis for wastewater studies in the Denver Metro Area, Portland Area, and Memphis Area
- Assisted calculations for industrial waste plants in Portland and data analysis
- Complied and analyzed data for Water Reuse projects

Analyst/Research Assistant

March 2014 – April 2016

Institute of Climate and Civil Systems

Boulder, CO

- Ran IPSS (Infrastructure Planning Support System) and interpreted data via Excel and ArcGIS mapping
- Participated in multiple research poster symposiums and product development
- Co-wrote *Resilience versus Risk*: Transportation Board of Research Best Paper

Analyst/Research Assistant

June 2015 – August 2015

El Centro de Estudios Ambientals del Mediterraneo (CEAM)

Valencia, Spain

- Ran experiments, prepared calibrations in the EUPHORE Photoreactor.
- Processed data from various instruments in the EUPHORE Photoreactor.
- Results will be used in definition of new air quality restrictions throughout the EU

Leadership Experience

Teaching Assistant and Mentor

August 2014 – Current

University of Colorado Boulder: Global Engineering Residential Program

Boulder, CO

- Lead small group discussions to better understand material for first year students
- Planned community events such as salsa dancing and pi-day community celebrations

Chair (Previously Public Relations Officer)

September 2013 – May 2017

Engineering Excellence Fund (EEF)

Boulder, CO

- Reviewed grant proposals to grant \$1.5 million to different engineering organizations
- Allocated strategic funding to engineering organizations, labs, and individuals
- Guided board discussion served as liaison with the Dean and greater college

Participant

August 2014 – May 2017

University of Colorado Boulder: Engineering Leadership Program

Boulder, CO

- Developing leadership goals and visions for leadership experiences
- Worked closely with industry mentor through challenges in leadership experiences

Honors

Co-author: Resilience versus Risk: Transportation Board of Research Best Paper

January 2015

Dean's List: College of Engineering and Applied Sciences

January 2014/2017 & 2015/2016/2017

Discovery Learning Apprenticeship Research Symposium Winner

April 2015

Student Speaker at CU Dean's Club Dinner

October 2016