

Kirsten Hodgson

kirstenarhodgson@gmail.com | (707) 364-1049 | Sonoma, CA | [LinkedIn](#)

EDUCATION

Master of Environmental Science and Management, 4.0 GPA (Expected June 2022)

Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Specialization: Conservation Planning | Focus: Strategic Environmental Communication

Fellowship: Forest Sustainability Fellowship (awarded \$22,352)

Highlighted Coursework: Science and Management for Forest Sustainability, Environmental Writing

Bachelor of Science in Biological Sciences, 3.95 GPA (June 2018)

University of California, Davis (UC Davis)

Emphasis: Evolution, Ecology, and Biodiversity

Honors/Awards: Graduated with highest honors (2018), Regents Scholarship (2014-2018), Citation Award for Outstanding Performance in Biological Sciences (2018)

ENVIRONMENTAL & COMMUNICATION EXPERIENCE

Sonoma Water, Santa Rosa, CA (12/18-9/20)

Water and Energy Education Technician (8/19-9/20)

- Organized logistics including setup and materials acquisition for professional development workshops focusing on biodiversity and wildlife conservation lessons for 30+ local teachers
- Developed and authored climate change lesson plans teaching 2 crews of young adults up to 10 in size, including curriculum outlining steps for crew leaders to lead lessons
- Created artistic pieces to enhance lesson effectiveness, including drawings and recorded videos
- Managed scheduling of 30+ schools for kindergarten program, including communicating with teachers and coordinating schedules of 10-person team to avoid conflicts
- Coordinated with other school departments and outside public agencies to plan and implement an internship expo for young adults to meet with potential county government employers
- Converted lessons to virtual format upon pandemic-related school closure with 10-person team

Water and Energy Education Intern (12/18-7/19)

- Participated in collection and data entry using GIS of 3 native salmonid species in the Sonoma County Russian River watershed to monitor the efficacy of recent conservation measures
- Contributed artistic components such as time-lapse drawings and visual models to ongoing projects
- Analyzed land-use classifications of critical locations along pipeline and entered information in Excel for permitting purposes in planning stage of aqueduct update project
- Taught programs covering climate change, water resources, and riparian habitat to school-aged children from kindergarten through high school to inspire next generation of change-makers
- Updated existing programs through activity development and modification in cooperation with other staff, particularly to increase compliance with new NGSS teaching standards

SKILLS & AFFILIATIONS

Computer: Microsoft Office (Excel, Word, PowerPoint)

Data Collection and Analysis: Gas chromatography, DNA extraction, R, GIS

Communication: Scientific writing, NGSS-compliant teaching practices

Affiliations: Phi Beta Kappa honors society (inducted 2017), Phi Kappa Phi honors society (inducted 2018)