

Roisin Murphy-Deak

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Education:

BS Environmental Science and Management June 2013

UC Davis College of Agricultural and Environmental Sciences

Work and Research Experience:

- **USFS Region 5 Range Ecology Biological Technician GS07**
Full Time: 40 hrs/week, Dates: June 2018-Current
Supervisor: Dave Weixelman, dweixelman@fs.fed.us
- **USFS TNF Biological Science Technician GS07**
Full Time: 40 hrs/week summers of 2016 & 2017
Supervisor: Courtney Rowe, cjrowe@fs.fed.us (530)-478-6243
- **California Native Plant Society: Vegetation Program Field Technician**
Full Time 40 hrs/week, Dates: March 2015- July 2015
Supervisor Jennifer Buck, Telephone: (916) 322-2410
- **UC Davis Latimer Lab: Staff Research Associate. Tree Ring Measurement**
Part Time 20 hrs/week Dates: November 2014- May 2015
Supervisor: Derek Young, Telephone: 530-430-7715
- **UC Davis/ USFS Lake Tahoe Basin Management Unit**
Full Time: 40 hrs/ week, Dates: May 15, 2014-October 29, 2014
Supervisors: Hugh Safford (hdsafford@ucdavis.edu), Shana Gross (segross@fs.fed.us),
Beverly Bulaon (bbulaon@fs.fed.us), Marc Meyer (mdmeyer@fs.fed.us)
- **UC Davis Harrison Lab: Junior Specialist Serpentine Plant Identification**
Full Time: 40 hrs/week, Dates March-April 2014
Supervisor: Stella Copeland, Email: Scopeland@ucdavis.edu, Telephone: 530-902-1686
- **UC Davis Safford Lab: Fire Ecology Field Crew**
Full Time: 40 hours per week, Dates: June 16th to September 16th 2013
Supervisor: Kevin Welch, Email: krwelch@ucdavis.edu, Telephone: 415-385-0660
- **UC Davis Rice Lab: Skaer Project Intern**
Part Time: 20 hours per week, Dates

Awards:

CNPS Milo Baker Chapter Student Scholarship 2018

Skills

- Meadow Delineation: Two field seasons experience identifying extent of meadows, keying out facultative meadow plants, discerning hydrogeomorphic type of meadows, conducting soil analyses, and describing watershed influence.
- Plant Identification: Five years experience working with California flora, well versed with Jepson, dichotomous keys, able to quickly memorize latin names and identify species from memory in the field.
- Vegetation Mapping: Four field seasons of mapping plant communities on GIS/collector from field data. Have been trained in CNPS releve and rapid assessment methods to determine vegetation type in conjunction with the Manual of California Vegetation.
- GIS: Able to make maps using data collected in the field as well as downloaded from government websites. Able to create maps using data driven pages. Able to conduct analyses of the data displayed on the maps we made (i.e. percentage vegetation cover within 10 feet of watershed, determining slope, etc.) Can use ArcGIS or similar software to organize, analyze, and display field data. Develop maps from multiple data layers in ArcGIS or other GIS software. Collaborate with colleagues to define objectives, priorities, and deadlines for assignments, and meet goals both independently and cooperatively.
- Data Management: Data management has been required for all field positions. Use computer software programs such as Microsoft Access, Word, Excel, (or comparable) to develop databases which record, manage, and report scientific data.