

PROFILE

Conceptual synthesizer; Critical and strategic thinker; Interdisciplinary problem solver; Creative data analyst and statistician; Non-territorial mediator and facilitator by nature; Excellent oral, written, and public communicator

Having grown up in a bilingual and bicultural home, I am comfortable with the grey zones and multiple truths of our world. I am quick to hone in on the common goals that unite differing perspectives. I am a passionate idealist when articulating broad goals, but a flexible pragmatist when working to achieve them. I enjoy being surprised and converting unanticipated obstacles into new opportunities

EXPERIENCE

Director | Sierra Nevada Research Institute, Wawona Field Station, Yosemite Natl Park 2006 - Present

Adjunct Associate Professor | University of California Merced, Merced CA 2008 - Present

Founding Director of the first University of California research and education facility in Yosemite National Park

- Defined and implemented the institute's vision to foster synergy among science, art, education, minority outreach, and natural resource management
- Doubled the size of the facility and increased the user capacity >800% in 2 years
- Increased use of the facility by over 4000 annual user days by the end of the 2nd year in operation
- Helped raise over \$300,000 for educational programs and facilities renovations
- Co-authored strategic plans for a network of UC research facilities in the Sierra Nevada mountains
- Improved University-Park relations for successful research and education partnerships
- Developed integrated programs in scientific visualization, environmental research, park internships, outdoor leadership and English literacy training for high school, undergraduate, and graduate students.

Research Scientist | Pacific Ecoinformatics and Computational Ecology Lab, Berkeley, CA 2004 - Present

Perform independent and collaborative research on ecological networks

- Ecological Networks: Researching how human-caused perturbations to natural ecosystems propagate through complex webs of ecological interdependence.
- Climate Change and Conservation: Researching threatened Sierra Nevada amphibian species through data integration and analysis to disentangle climate impacts vs. local anthropogenic disturbances
- Wilderness Protection: Developing cost effective tools to monitor and classify alpine wilderness meadows at regional scales and to guide legally defensible management decisions in the face of a changing climate

Research Scientist | United States Geological Survey, Yosemite Field Station, Yosemite, CA 2008 - Present

Perform collaborative research on problems at the interface of science and resource management

- Climate Change and Conservation: Researching threatened Sierra Nevada amphibian species through data integration and analysis to disentangle climate impacts vs. local anthropogenic disturbances
- Wilderness Protection: Developing cost effective tools to monitor and classify alpine wilderness meadows at regional scales and to guide legally defensible management decisions in the face of a changing climate

EXPERIENCE (CONTINUED)

- California Representative | Telemarkzone** **2003 - Present**
Non-profit work in knowledge transfer, networking, and outreach for sustainable sports-tourism development
- Co-developed Ski for Nature partnerships to develop “positive impact” ecotourism in emerging wilderness tourism markets such as the Arctic archipelago of Svalbard.

EDUCATION

- 1996 NSF Postdoctoral Fellow, Ecology, University of California, Berkeley, CA – Prof. Carla D’Antonio
- 1995 Ph.D. Ecology, Oregon State University, Corvallis, OR – Profs. Jane Lubchenco and Bruce Menge
- 1988 B.A. Biology, Brown University, Providence, RI

SYNERGISTIC ACTIVITIES AND SKILLS

Swall Institute (www.swall-institute.org)

Co-designed and built this residential work retreat to foster creative collaboration in an inspirational mountain setting. Demonstration project for “green” residential construction on a tight budget.

Awaken Café (www.awakencafe.com)

LLC Board member: Green business in downtown Oakland, CA; 2008 East Bay Express award winner for “Best New Business” and “Best Coffee Shop.” Developer of Awaken Café’s plan to develop a CoWorking environment – a space that merges elements of an institute, a start-up incubator, and a coffee shop.

Other Skills

Languages – French and English bilingual proficiency

Software - ArcGIS, JMP, MS Office Suite, Photoshop, Dreamweaver, Endnote, Quickbooks, among others.

Database Development

PUBLICATIONS

Over 20 publications in peer-reviewed journals including *Nature*, *Science*, the *Proceedings of the National Academy of Sciences*, *Ecology*, *Ecology Letters*, *Journal of Animal Ecology*, and *Ecological Applications*.

Of these papers 6 fall within the top 1% of the most highly cited papers in Ecology published that year.

Complete list of publications and reprints available at: https://snri.ucmerced.edu/snri/wawona/EricBerlow/eric_pubs.html.