

JARED DAHL ALDERN
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CALIFORNIA EDUCATIONAL CREDENTIALS

Preliminary Administrative Services Credential (Certificate of Eligibility)
Professional Clear Multiple Subject Teaching Credential
(with limited authorization for secondary school science)

EDUCATION

- Conversational Mono (American Indian) Language Course, Owens Valley Career Development Center, Fresno, CA. Enrolled 2013-present.
- **Doctor of Philosophy**, Education (Concentration in Sustainability Education), Prescott College, Prescott, AZ. Dissertation: “Native Sustainment: The North Fork Mono Tribe's Stories, History, and Teaching of Its Land and Water Tenure in 1918 and 2009.” Committee members: Steven Crum (Western Shoshone), University of California, Davis; Margaret Field, San Diego State University; Theresa Gregor (Iipay), University of San Diego; George Lipsitz, University of California, Santa Barbara; and Pramod Parajuli, Prescott College. May 2010.
- ‘Iipaay Aa (American Indian) Language Course, Santa Ysabel Band of Diegueño Indians, Santa Ysabel, California; 2004-2006.
- Luiseño (American Indian) Language Course, Palomar College, San Marcos, California, Fall 2003. I took this on-line college course along with 23 of my fourth- and fifth-grade students.
- **Master of Arts**, History and Environmental Studies, Prescott College, Prescott, Arizona. Thesis: “Historical Ecology in a Land of Confused Relief: Using Science, History, and Myth to Restore the Great Community in San Felipe Valley, California.” Graduate Advisor: William Deverell, Professor of History, California Institute of Technology (now at the University of Southern California). Other committee members: Ross Frank, University of California, San Diego and Paul Sneed, Prescott College. June 2002.
- Participant, Hassayampa Creative Writing Institute, 1999, Yavapai College, Prescott, AZ.
- “History of California” online course, 1999, UCLA Extension.
- Graduate studies in education, 1995-96, National University, San Diego.
- Graduate studies in education, 1991, Chapman University, San Diego.
- “American Indian Ethnobotany” course, 1989, San Diego State University.
- Graduate studies in physics, 1982, University of California, San Diego.
- **Bachelor of Arts**, Physics (Concentration in Biophysics), 1981, Cornell University, Ithaca, New York. National Merit Scholar; Dean’s List.
- Studies in visual art and art history, 1977-90, University of South Dakota, Cornell, Palomar College, and U.C. San Diego.

PROFESSIONAL EXPERIENCE

- **Science Teacher**, Academy for Civic and Entrepreneurial Leadership, Fresno, CA. I teach biology, environmental science, and physics at this public charter high school. 2014-present.
- **Meadow Restoration Project Consultant**, North Fork Mono Tribe, Clovis, CA. I work on education, outreach, and research with North Fork Mono Tribe's meadow restoration project in the Sierra National Forest. This is a collaboration with American Rivers, funded by the National Fish and Wildlife Foundation. 2014-present.
- **Member**, California State Environmental Literacy Task Force, 2014.

- **Lecturer**, Program in Native American Studies, Stanford University. Course taught: Introduction to Native American History. Autumn Quarter, 2013.
- **Fellow, Scholar of the West and Educational Consultant**, Indigenous Fire Ecology Collaborative, Bill Lane Center for the American West, Stanford University. I conduct research in Native American fire ecology and eco-cultural restoration, and I co-direct the Bill Lane Center's Comparative Wests Project. August 2012-present.
- **Graduate Advisor (Education, Environmental Studies and the Humanities) and Associate Faculty (Humanities and Environmental Studies)**, Master of Arts Program, Environmental Studies and the Humanities, Prescott College, Prescott, Arizona. 2005-present. I read and provide feedback on research papers and act as the main point of contact with the college for several graduate students.

M.A. theses advised to completion:

Justin Leonard, "The Journey Home: Science, Socio-geographic Mobility and the Bible"
 Lee-Ann Hill, "Culture and Landscape: Preserving the Natural and Cultural Heritage of Northern New Mexico"

Kistina Simmons, "Exploring the Loss of Ethnic Identity among Nineteenth-Century Scandinavian Mormon Converts in Sanpete County, Utah, 1850-1869"

John Young, "The Missing R: A Reluctant Reader in a College Developmental Writing Class"

M.A. committee member:

Laura Beebe, "A Berried Geography: Circumpolar Understandings of *Vaccinium vitis-idaea*, *Rubus chamaemorus*, and *Empetrum nigrum*"

Holly Border, "Ethnobotany of the Ngabe People of Panama"

Christina Dickenson, "Inspiring Awareness: Using Life Writing in Ecological Education"

Elizabeth Garrison, "Developing a Framework for Sense of Place Education within Elementary Science Instruction"

R. Angelette Green, "An Examination of Ballet Injuries, Their Causes, and the Culture of Silence Surrounding Them"

Kacey A. Grissom, "Harvesting Ecological Literacy and Health: A Curriculum for Sustainability"

Kathy Hedrich, "A Design for Synergistic Learning in Higher Education"

Jessica Hornbeck, "An Assessment of Shell Usage by the Purple Pincher Hermit Crab (Soldier Crab), *Coenobita clypeatus*, within Virgin Islands National Park, St. John, U.S.V.I."

John, U.S.V.I."

Scott A. Jackson, "Cubist Paintings 1910-1912 and Piaget's Theory of the Development of Object Permanence: On the Existence of Abstract and Imaginary Sense Data"

Russell Johnson, "Designing a Sublime Painting of the Grand Canyon"

Tanner Jones, "A Long Walk Communicates: The Function of Ritual Experience in Colorado Nature Writing"

Matthew Keating, "Beckwourth, Ashley, Rose: Mountain Men"

William A. Lambert, "A Review of Blue-ringed Octopus Conservation"

Anne Haven McDonnell, "Literacies of Place: Toward a Worldview of Kinship"

Ellen O'Dunn, "Caratacus and The Roman Invasion of Britain"

Beth Olsen, "The Tao of Miyazaki"

Jessica Russell, "A Case Study of Sustainable Educators"

Mark Shyrock, "On Healing the Land and Inviting as Much Life into It as Possible"

Jason Marc Souze, "Environmental Education in San Juan Nuevo, Mexico"

Tabitha Sprigler, "River City Food: Assessing Food Production and Access in downtown New Albany, Indiana"

Julia Stuble, "The Language of the Land: A Narrative Analysis of Human and Nature Relationships through Ranching in Sublette County, Wyoming"

Lori Swanson, “Entrepreneurial Innovation, Co-opetition, and Information Technology Convergence: Support for Small and Medium Enterprise Retail Tourism”

Traveler Terpening, “Catch-and-Release Fishing: The Subversion of an Archetype and the Transformation of an Ethic”

Floramae Teskey, “Quality of Life: Our Ties to Heaven on Earth, An Uneasy Truce with Grid Electricity”

Todd Wanner, “Creation Care: A Study of Activist and Non-Activist Christian College Students”

Jon Waterman, “The Evolution of Popular Songs and Disasters in the United States”

Marketa Zubkova, “The Cora Indians: The Immigrant Integration of a Minority Culture”

Qualifying Papers reviewed:

Matthew Hoffman, “Social Constructivism, the Science Wars, and the Status Quo”

Josh Robinson, “Landscape Perception in America: How Landscapes Have Changed in America since the Arrival of European Settlers”

Jennifer Dinaburg, “He Who Hunts Lions: Imprints of the Mother Leopard in Gary Snyder’s Language Landscape”

Ellen Marr, “A Study of Ecocriticism”

Anne Haven McDonnell, “Embodied Language and the Re-enchantment of World”

Christina Dickinson, “The Necessity of the Dialectic in Environmentalism”

Charles Tracy Morriss, “Arizona Borderlands Community Colleges: Planning Considerations for First-Year Students”

- **Director**, Land Tenure Education and Restoration Project.

This is a curriculum and Native American land restoration program, proceeding under a contract with the Indian Land Tenure Foundation (see www.LandLessons.org). July 2010-present.

- **Program Reviewer**, Assessment and Dissemination Team, Improving Teacher Quality (ITQ) Program, California Postsecondary Education Commission. I reviewed and provided evaluative critiques to Math and Science ITQ programs based in Berkeley, Chico, Fresno, Los Angeles, Sacramento, San Diego, and Stockton, CA. 2008 - 2013.
- **University Supervisor**, California State University, Fresno. I supervised student teachers who were seeking a Single Subject Credential in Social Science. January 2007-June 2010.
- **Curriculum Writer**, in collaboration with Pechanga School and the Department of American Indian Studies at Palomar College. I wrote course outlines for six community college Luiseño language courses (beginning through advanced). Based on these outlines, the courses were subsequently approved for transfer credits to the University of California and California State University. Fall 2008.
- **Project Director**, History Project @ Fresno State, California State University, Fresno, 2006-2008. I directed the operations of this professional development program, developed partnerships with multiple districts and county offices and significantly improved the site's financial health.
- **Adjunct Instructor**, American Indian Studies and American Studies Department, Palomar College, San Marcos, CA, 2005-2009.
Courses taught:
Introduction to American Indian Studies (both in classroom and online)
History of North American Indian Art
American Culture and Identity
Race, Class, and Ethnic Groups in America
History of the Plains Indians (online)
American Indian Science and Technology (online)
American Indian Philosophy and Religion (online; co-taught with Patricia Dixon)

American Indian Community Development (“hybrid” online course on land tenure; funded by a \$3000 Curriculum Implementation Grant from the Indian Land Tenure Foundation)

Special Topics: American Indian Youth Scholars (see www.nativescholars.org)

- **Adjunct Instructor**, American Indian Studies Department, San Diego State University, San Diego, CA. Spring 2006 course: American Indian History
- **Founding Board Member and Executive Director, The Land Conversation, Inc.** (<http://www.thelandconversation.org>), a non-profit environmental research and education organization, 2003-2006. Contracts included:
 - Program Direction, “Science, Culture, History, and English Language Development,” a teachers’ professional development program of the University of California campuses in San Diego and Santa Cruz, 2001-2005. This program helped teachers and tribal members to develop community-based environmental and cultural curriculum for K-12 students.
 - Fifth-Grade Camp Program Coordination, The Anza-Borrego Institute, Borrego Springs, California, 2003-04.
 - K-12 Tribal Youth Program tutoring and curriculum development, Santa Ysabel Band of Diegueño Indians, Santa Ysabel, CA, 2003-2005.
 - Workshop facilitator, Title III Indian Education Program, Los Angeles County Office of Education. I led culture-based curriculum development workshops in Big Pine, Riverside, and San Diego, California. 2004.
 - K-12 Curriculum Development, Southern California Tribal Chairmen’s Association, Valley Center, California, 2004.
 - Oral history research, “One River, Many Stories,” a public history program of the San Diego River Foundation, 2004.
 - Oral history research, “San Diego Fire Stories,” a public history program funded by the California Council for the Humanities, 2004-05.
 - Program Direction, “Traditional Land Management Research,” a community-based environmental history and restoration program, 2004-2006.
- **Warner Unified School District, 1996-2004:**
 - Assistant Administrator (part-time)**, 2003-2004.
 - Elementary Teacher (Grades 4 and 5)**, Warner Elementary School, 2003-2004.
 - Community-based Learning Coordinator**, 2000-2003. I coordinated a community based learning program in support of the district’s K-12 English Learners and Native American students. I provided classroom instruction and tutoring, supervised instructional aides, and created a community recycling program as well as an oral history and American Indian language program. I developed community partnerships, including one with the Southern California Tribal Digital Village that resulted in a new computer lab for the district. I provided professional development for school staff, and wrote and filed required reports for the federal funding agency.
 - Social Studies Teacher**, 1999-2000, Warner High School.
 - Subjects taught:
 - Economics
 - Environmental Studies
 - Geography and the Humanities
 - Government
 - United States History
 - World History
 - District (K-12) History-Social Science Coordinator (part-time)**, 1999-2000.
 - Teacher, all subjects**, San José Valley Alternative High School, 1998-99.
 - Physics Teacher (one course)**, 1998-99, Warner High School.

Summer School Algebra I Teacher, 1998, Warner High School.

Elementary Teacher (Grade 5), Warner Elementary School, 1996-98. Duties included teaching a special GATE class for grades 3-6.

- **Upper Grades Teacher**, Spencer Valley School, 1991-96, Santa Ysabel, California. (I taught all subjects to grades three through eight in this two-classroom, rural school.)
- **Outdoor Educator**, 1996, Julian, California. (I led Julian High School, Warner Elementary, and Spencer Valley School students on ecological restoration field trips to Anza-Borrego Desert State Park.)
- **Summer School K-8 Enrichment Program Teacher**, 1992 and 1996, Spencer Valley School, Santa Ysabel.
- **Student Teacher**, Hancock Elementary School, San Diego Unified School District, and Spencer Valley School District, Santa Ysabel, 1991.
- **Substitute Teacher**, Julian Elementary School, and Julian Junior High School, 1991, Julian, California.
- **Media Specialist**, Visual Arts Department, University of California, San Diego, 1983-1991. (I provided technical instruction in video and 16mm film for students and faculty, and produced videotapes for the University Art Gallery and Stuart Collection of Sculpture.)
- **Teaching Assistant**, Physics Department, U.C. San Diego, 1982.

PUBLICATIONS: Papers and Curricula

- Review of *Telling Stories in the Face of Danger: Language Renewal in Native American Communities* (ed. Paul V. Kroskrity). *Journal of California and Great Basin Anthropology*, Volume 33, No. 1 pp. 103-106.
- "Making Space for North Fork Mono (Nium) Narrative: Land, Learning, Parataxis, Policy, and Water in Central California." Occasion: *Interdisciplinary Studies in the Humanities* v. 5 (March 1, 2013), <http://occasion.stanford.edu/node/124>.
- *Lessons of Our California Land*, a Native American land tenure curriculum, developed in collaboration with the Hon. Ron W. Goode (North Fork Mono Tribe), under contract with the Indian Land Tenure Foundation. www.landlessons.org. Published online in 2012.
- "‘We Are California: Stories of Immigration and Change’ Site Features Personal Stories and Standards Support," Julie Levak and Jared Aldern. *Social Studies Review*, Spring 2008.
- "Lessons and Activities for 11th Grade Teachers to Accompany *We Are California: Stories of Immigration and Change*," a curriculum for the "We Are California" website (www.weareca.org). A California Stories Project of the California Council for the Humanities. Published online in 2008.
- "Response to Morgan Robertson's 'Borges and the Restorationist's Dilemma,'" *Ecological Restoration*, Vol. 19, No.4 (2001), 207.
- Consulting Author, *The Write Path: A College Preparatory Reading and Writing Program*, AVID Academic Press, 2000 [revised edition published in 2002]. This is a history - social science teacher's guide by Gary Kroesch and Mary Catherine Swanson. I contributed several pieces of writing and student examples.
- "Breaking Barriers: The California History-Social Science Project at UCSD," *Social Studies Review*, Fall 1996.

CONFERENCE PRESENTATIONS AND PROFESSIONAL ACTIVITIES

- "Sustaining Indigenous Nations: Narratives, Fire Ecology, Water, and Knowledge," Hanitchak Lecture, Native American Cultural Center, Stanford University, November 2013.
- Symposium participant, "California Indian Oral Tradition and the Land," San Diego State University, November 2013.

- Panel discussion participant, “Do We Take a Stand? Public Historians and the Debates that Define Today’s West,” Annual Conference of the Western History Association, Tucson, Arizona, October 2013.
- “Creative Expression and Environmental Restoration in Indigenous Australia and California: A Comparison of Two Wests,” a paper presented at the American Society for Environmental History Annual Conference in Toronto, Ontario, April 2013.
- Participant, Roundtable on Sustainable Development: “Conservation with Communities,” Young Environmental Scholars Seminar Series, Stanford University, November 2012.
- Panel discussion participant, “Socio-Ecological Education Projects for Tribal Communities,” Annual Conference of the North American Association for Environmental Education, Oakland, CA, October 2012. Moderated by Mary Adelzadeh (Navajo). Additional participants were Ron Goode (North Fork Mono) and Jonathan Long of the Pacific Southwest Research Station, U.S. Forest Service.
- Presenter (with Ron Goode and Terry Janis), “Learning about California Indian Land in Schools and Other Places,” California Indian Conference, San Marcos, CA. October 2012.
- Presenter (with Ron Goode), “Lessons of Our California Land: K-12 Curriculum on Indigenous Land Tenure,” California Conference on American Indian Education, Arcata, CA. March 2012.
- Presenter (with Terry Janis), “Lessons of Our California Land: History and Indigenous Land Tenure,” California Council for the Social Studies Annual Conference, Garden Grove, CA. March 2012.
- “Story, Restoration, and Sovereignty: Indigenous Art and Performance as How-To Manual,” Invited lecture in Ecological Restoration, Connecticut College Environmental Studies, Anthropology, and Theater departments, New London, CT. February 2012.
- Presenter (with Ron Goode and Terry Janis), “Lessons of Our California Land: Native American Land Tenure Curriculum for California,” California Indian Conference, Chico, CA, October 2011.
- Invited Participant, “Trails of Fire: Signatures of Cultural and Environmental Transformations on the American and Australian Frontiers,” a four-day workshop organized by the Bill Lane Center for the American West at Stanford University, with participants from Stanford, Australian National University, California State University, Chico, the Campo Kumeyaay Nation, the Martu Native Title, the North Fork Mono Tribe, and the U.S. Forest Service. Stanford and North Fork, CA, June 2011. I subsequently presented a revised version of my Trails of Fire workshop contribution at the August 2011 Master of Arts Program colloquium at Prescott College, Prescott AZ.
- Presenter (with Ron Goode and Terry Janis), “Lessons of Our Land: Teaching about American Indian Land Tenure,” California Council for the Social Studies Annual Conference, Sacramento, CA, March 2011. Janis and I also presented this workshop at the California Conference on American Indian Education, Los Angeles, CA, March 2011.
- Roundtable Discussion Chair, “Putting Social and Ecological Literacies into Practice: Environmental Studies, the Humanities, Education, and Sustainability in a Dangerous World,” Prescott College Master of Arts Program Colloquium, Prescott, AZ, January 2011. This roundtable, with Priscilla Stuckey, Noel Cox Caniglia, Jeanine Canty, and Rafe Sagarin, also convened at the American Society for Environmental History Annual Conference in Phoenix, AZ in April 2011.
- Poster presentation, “Lessons of Our Land: Teaching about American Indian Land Tenure,” Prescott College Master of Arts Program Colloquium, Prescott, AZ, November 2010.
- Panel member, “Sacred Space: A Dialogue” and “Educational Forum: Retrospectives and Perspectives;” poster presentation (with Ron Goode and Terry Janis), “Lessons of Our Land Curriculum,” California Indian Conference, Irvine, CA, October 2010.

- Presenter (with Terry Janis), “Culturally Based Curriculum in California: Strategies for Development and Effectiveness,” National Indian Education Association Annual Convention, San Diego, CA, October 2010.
- “Native Sustainment: North Fork Mono Stories, Land and Water Tenure History, and Ecological Restoration, 1906-2009,” a paper presented at the Annual Conference of the American Society for Environmental History, Portland, OR, March 2010.
- Guest Lecturer, “North Fork Mono Stories, Sustainability, and Ecological Restoration in the Sierra Nevada,” November 2009, American Indian Heritage Month Lecture Series, San Diego State University.
- Planning Team Member, California Tribal Water Summit, November 2009, Sacramento, CA. This summit brought tribal leadership together with State of California officials to draft part of the 2009 California Water Plan Update.
- Presenter, “Native Americans, the Doctrine of Discovery, and Civil Rights,” a Scholar Series Seminar for the History Project @ Fresno State, November 2008.
- Reviewer for Senate Bill 41 California Native Americans Supplemental Instructional Materials, California State Curriculum Commission, Fall 2008
- Presenter, “We Are California: A New Site for Stories and Change,” California Council for History Education Conference, Santa Clara, CA, September 2008.
- Consulted on the design of a new map showing California Native American groups. In collaboration with Ron Goode (Chairman of the North Fork Mono Tribe), the National Geographic Society, and the Education and the Environment Initiative of the State of California.
- “Watercourses, Discourses, and Power: Historical Encounters with the Waters of the San Joaquin Valley,” a paper presented at the History Graduate Student Association Symposium, California State University, Fresno, April 2008.
- Keynote speaker, “History-Social Science and SDAIE,” Tulare County Conference on Specially Designed Academic Instruction in English (SDAIE), Visalia, CA, November 2007.
- Presenter, “Historical Thinking in Action for Kindergartners and Other People,” 23rd Annual Conference on Character & Civic Education, Fresno, CA, April 2007.
- Presenter, “Professional and Community Cooperation Created After the October 2003 Wildfires in San Diego,” 3rd International Fire Ecology & Management Congress, San Diego, November 2006.
- Presenter, “Native Culture, Native Willows, and Migratory Songbirds,” Beckman Research Center, Conservation and Research for Endangered Species, Zoological Society of San Diego
- Presenter, “Bring ‘em Back: The Fall and Possible Rise of Some Backcountry Beasts,” Julian Historical Society, Julian, California, February 2006.
- Presenter, “Eco-cultural Restoration in San Diego County,” California Indian Conference, Arcata, California, October, 2005.
- Panel discussion participant, “Bringing Back the Land,” California Indian Basketweavers Association Annual Gathering, Pala, California, June 2005. Moderated by Cassandra Hensher (Karuk). Additional participants included Richard Bugbee (Payoomkawichum [Luiseño]) Jacquelyn Ross (Pomo/Coast Miwok), and Marian Walkingstick (Juaneño).
- Presenter, “Conversing with Land: Cultural History, Native Language, Ecological Restoration, Teaching, and Learning on the Desert Edge,” Master of Arts Program Colloquium, Prescott College, Prescott, Arizona, May 2005.
- Panel discussion moderator, “San Diego Fire Stories Project,” a public discussion of the oral history program funded by the California Council for the Humanities. Participants included Jana Fortier (Fire Stories Project Director); Anne Fege and Nancy Owens

- Renner (both of the San Diego Natural History Museum), and Dennis Sharp (San Diego Historical Society).
- “Preliminary Pollen Analysis of Sentenac Cienega, San Diego County, California.” Owen K. Davis and Chris Eastoe , Jared Aldern and Norrie Robbins. Paper presented at the April 2005 meeting of the Arizona-Nevada Academy of Sciences.
 - Co-presenter (with Pamela McGregor), “Multidisciplinary Curriculum Units for the Standards-Based Elementary Classroom: A Partnership of Four School Districts and UCSD,” Teacher Leaders Conference of California, San Diego, February 2005.
 - Interviewer, “San Diego Fire Stories.” My video interviews for this public oral history program, funded by the California Council for the Humanities, formed a portion of the “Earth, Wind, and Wildfire,” exhibit at the San Diego Natural History Museum, October 2004-2006. The San Diego Historical Society houses the tapes and transcripts.
 - Presenter, “Time out of Mind: The Environmental History of San Felipe Valley,” Julian Historical Society, Julian California, June 2004.
 - Presenter, “The Vines in a Thousand Valleys: Alcohol and Landscape in Southern California, 1769-1880,” Prescott College Master of Arts Program Colloquium, February 2002, Prescott, Arizona.
 - Coordinator, “Keeping Our Languages Alive,” workshop sponsored by Advocates for Indigenous California Language Survival, Warner Springs, California, May 2001.
 - Co-presenter (with Paul Sneed), “Ecological Restoration: An Interdisciplinary ‘New Object?’,” Prescott College Master of Arts Program Colloquium, May 2001, Prescott, Arizona.
 - Interviewer, “‘The Significance of the Color Being So Earthy’: Robert Aldern’s Life in Art,” 2000; transcript of an oral history interview in the collections of the South Dakota Oral History Center, University of South Dakota, Vermillion, SD and the San Diego Historical Society.
 - Invited Speaker, California Standards Commission Public Hearing on State History-Social Science Standards, 1998, San Diego.
 - Organizer, “Antonio Garra Returns to Warner Springs,” a 1998 public history presentation and school program by José Rivera, Ph.D. candidate, University of California, Berkeley.
 - Organizer, “The Garra Uprising: Local Events in a Broad Perspective,” a 1998 public lecture in Warner Springs, CA by George Harwood Phillips, Professor Emeritus of History, University of Colorado.
 - Presenter, “Schools and Native Habitat,” 1996 California Humanities Association Annual Conference, Costa Mesa.
 - Presenter, “Changing Landscapes in the Great Plains and Southern California,” 1995, California History-Social Science Project Fellow’s Academy, Berkeley, California.
 - Presenter, “Local Environmental History,” Montezuma Valley Historical Society, 1995, San Felipe, California.
 - Presenter (with Mary Hsi Aldern), “History and Ecology in a Local Watershed,” 1994 San Diego Science Educators Association Conference.
 - Organizer, “Ecosystem Management Using the Watershed Approach,” a 1994 symposium for San Diego area educators and land managers, Escondido, CA.
 - Presenter (with Mary Hsi Aldern), “Teaching About Land Use,” 1993 National Public Lands Grazing Conference, Albuquerque, New Mexico.
 - Organizer, “Linking the Desert to the Sea,” a 1993 seminar for San Diego area land managers. Michael Soulé was the keynote speaker.
 - T. K. Porta, J. Aldern, G. Gogel, A. Lewis and H. Crespi, “Kinetic Resonance Raman Spectra of 11-D-, 15-D- and 11-15-diD- Purple Membrane and 15N Purple Membrane.” *Biophysical Journal*, vol. 33, 1981.

FELLOWSHIPS, GRANTS, AND AWARDS

- Indigenous Fire Regimes, Land Use Ecology and Contemporary Livelihoods in Northern California. After co-writing the proposal, I served as the educational consultant and research group facilitator for this National Science Foundation-funded collaborative research program. Based at Stanford University, the group includes researchers from California State University, Chico, the North Fork Mono Tribe, the U.S. Forest Service, and the University of Utah. 2012-13
- Scholar of the West Fellowship for research in Native American fire ecology and eco-cultural restoration, Bill Lane Center for the West, Stanford University, 2012.
- Merit-based scholarship for Prescott College Ph.D. Program in Sustainability Education. \$10,000 per academic year for four years. 2006-2010
- Blasker Environmental Program Grant, \$40,700 from the San Diego Foundation, for my Traditional Land Management Research Program, 2004-05.
- Milton Fintzelberg Award, for the outstanding paper submitted on the Native American, Spanish, or Mexican periods of San Diego history to the 2003 Institute of History, San Diego Historical Society. For my paper, "Time out of Mind: A Brief Environmental History of San Felipe Valley."
- Richard G. Lillard Fellowship, for research in environmental history, Summer 2001, The Huntington Library, San Marino, California.
- Co-writer and Start-up Committee member for successful \$5 million "Southern California Tribal Digital Village" proposal to Hewlett-Packard, 2000-2004. I acted as a liaison to the K-12 educational community for this project of the Southern California Tribal Chairmen's Association.
- Received a \$575 Robinson Mini-Grant from the Constitutional Rights Foundation, Los Angeles, California, 1999. This grant supported a service-learning project for my high school Environmental Studies class.
- Teacher-researcher, 1999, California History-Social Science Project (CH-SSP), University of California, San Diego (UCSD). This fellowship allowed me to perform historical research on Mary Hunter Austin under the guidance of Professor Stephanie McCurry, now at the University of Pennsylvania.
- Participating Fellow, "Using Public Documents," 1999, an institute for secondary school teachers. CH-SSP at UCSD.
- Jiminy Cricket Environmental Award, Second Place, Regional, 1998. This award is a joint program of the Walt Disney Company and the State of California's Environmental Education Interagency Network. My fifth-grade class won the award for a multidisciplinary class project combining schoolyard clean-up, recycling, and ecological restoration.
- John Montgomery Education Award, 1998, for significant contributions to the teaching of regional history, from the Congress of History of San Diego and Imperial Counties.
- Wrote successful \$500 mini-grant to the California Council for the Humanities, for the public history program, "Antonio Garra Returns to Warner Springs," 1998.
- Lead writer for successful \$50,000 planning grant for Warner Springs Healthy Start Program, 1997.
- Received \$1700 grant to conduct ecological restoration project with K-12 students in Anza-Borrego Desert State Park, 1996.
- Senior Fellow, "Unheard Voices: Ordinary People in Extraordinary Times," 1996 CH-SSP Summer Institute at UCSD.

- Committee Member, Program Quality Review, Spencer Valley School, 1995-96. This was an intensive review and redesign of the school's Visual and Performing Arts Program.
- Participating Fellow, "Major American Utopias," a 1995 National Endowment for the Humanities Summer Seminar for School Teachers, St. Mary's College, Moraga, California.
- Fellow, "The Environment: A History of Promise and Distress," 1994 CH-SSP Summer Institute at UCSD. My curriculum development work was selected as the best at the middle-school level.
- Received a \$900 Curriculum Development Grant in 1993 from the Fund for Wild Nature, Tucson, Arizona.

ADDITIONAL INSTRUCTIONAL LEADERSHIP

- Lead teacher, "Ask the Elders: Warner Community Culture and Language Program," 2000-2003. This community oral history program, funded through the University of California, San Diego Civic Collaborative, in collaboration with the Los Coyotes and Santa Ysabel bands of Indians. UCSD faculty participants were Ross Frank and George Lipsitz.
- Co-director, "California History Institute," 1999. This was a week-long institute on the California Gold Rush period, for 4th, 5th and 8th grade teachers. CH-SSP at UCSD.
- Director, "Teaching Environmental Literacy," a 1997 interdisciplinary institute for K-12 teachers sponsored by the Program for Teacher Enhancement in the Liberal Arts, UCSD.
- Facilitator, "Borderlands in History: Migration and Cultural Exchange," 1997 CH-SSP Summer Institute at UCSD.
- Participant, Diversity Leadership Training, 1996, CH-SSP at UCSD.
- Master Teacher for two National University Student Teachers, 1994.
- Scoring Team Leader, 1994 Eighth grade statewide mathematics assessment, Camarillo, CA.
- Reader, 1994 Fourth grade statewide mathematics assessment, San Diego.
- Committee Member for successful 1993 California Distinguished School application, Spencer Valley School.
- Reader, 1993 Eighth grade statewide mathematics assessment, San Diego

VOLUNTEER POSITIONS

- Planning Team Member, 2009 California Tribal Water Summit, part of the 2009 California Water Plan Update process, California Department of Water Resources, Sacramento, CA
- Canoe guide, San Joaquin River Parkway and Conservation Trust, Fresno, CA 2008-2010
- Parobotanist, San Diego Natural History Museum Plant Atlas Program, 2004-2006.
- Board Member, Montezuma Valley Volunteer Fire Department, 2004-2006.
- Parent member, Warner Elementary School Site Council, 1998-1999
- Member, Warner Springs Community Collaborative, 1997-2003.
- Member, Warner Faculty Association, Warner Springs, California (1996-2004; Secretary, 1997-98; President, 1998-99).
- Board member, Montezuma Valley Historical Society, Warner Springs, California (1995-2000; President, 1997-99).
- Board member and co-founder, Wildlands Recovery, a project of The Environmental Trust of San Diego (1994-98).
- Board member, Volcan Mountain Preserve Foundation, Julian, California (1990-97).
- Exhibiting Artist (with Mary Hsi), San Diego Earth Day 1990, "The Urban Forest," a public sculpture installation.
- Video producer, Gaia Pacifica, a San Diego art exhibit and environmental symposium (1988-89).

- Docent, Torrey Pines State Reserve, Del Mar, California. Led hikes, produced videotape for Visitor's Center (1985-89).

ADDITIONAL SCIENTIFIC AND TECHNICAL EXPERIENCE

- Quality Assurance Engineer, Melles Griot Laser Products, San Marcos, California, 1983.
- Electronic Engineer, California Laser Corporation, San Marcos, California, 1983.
- Research Technician, Department of Applied and Engineering Physics, Cornell University, Ithaca, New York, 1977-82.
- Driller, South Dakota State Geological Survey, Vermillion, South Dakota, 1977-79.
- Participated in a 1976 National Science Foundation alternative-energy summer program for high school students, South Dakota School of Mines and Technology, Rapid City, SD.

REFERENCES

Available upon request.