

# Carly S. Whelan

## Curriculum Vitae

Department of Anthropology  
California State University, Chico  
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### EDUCATION

- Mar. 2016      Ph.D. Anthropology, University of California, Davis  
Dissertation: *Hunter-Gatherer Storage and Settlement: A View from the Central Sierra Nevada*  
Committee: Dr. Jelmer Eerkens, Dr. Robert Bettinger, Dr. Bruce Winterhalder
- Dec. 2006      B.A. Anthropology, *cum laude*, University of Texas at Austin  
Honors Thesis: *Modeling the Coastal Migration Hypothesis*  
Advisor: Dr. Michael Bever

### RESEARCH INTERESTS

California archaeology, human behavioral ecology, hunter-gatherers, storage, intensification, settlement, exchange, women in prehistory, lithic analysis, XRF

### ACADEMIC APPOINTMENTS

- 2016-present      Assistant Professor, California State University, Chico  
2015-2016      Adjunct Professor, Cosumnes River College, Sacramento  
2012-2014      Associate Instructor, University of California, Davis

### TEACHING EXPERIENCE

- 2016-present      Assistant Professor, California State University, Chico  
Archaeology (ANTH 302)  
California Indians (ANTH 362)  
California Archaeology and Prehistory (ANTH 424)  
Laboratory Methods Archaeology (ANTH 482)  
Seminar in Archaeology (ANTH 602)
- 2015-2016      Adjunct Professor, Cosumnes River College, Sacramento  
Physical Anthropology (ANTH 300)  
Physical Anthropology Laboratory (ANTH 301)
- 2012-2014      Associate Instructor, University of California, Davis  
Human Biological Anthropology (ANT 1)  
Introduction to Archaeology (ANT 3)  
Kinship and Social Organization (ANT 128A)  
Field Course in Archaeological Methods (ANT 181)

## RESEARCH GRANTS

2017 Submitted	<u>Japanese American Confinement Sites Grant Program</u> "Finding Closure: Locating the Tule Lake Segregation Center Cemetery" (with Caitlin Bishop and Mathew O'Brien)	(\$105,818)
2017 Submitted	<u>CSU Chico University Foundation Special Endowment Award</u> "Student Training in Archaeological Curation: Updating the Archaeological Curation Facility" (with Rachel Hensler)	(\$14,884)
2017 Submitted	<u>CSU Chico Student Learning Fee Award</u> "Archaeology of the Basin and Range: Initiating an Archaeological Field School in CSU, Chico's Backyard" (with Matthew O'Brien)	(\$12,720)
2017 Not Funded	<u>CSU Chico University Foundation Special Endowment Award</u> "Digitizing the Cultural Resource Records of the Northeast Information Center" (with Amy Huberland)	(\$9,060)
2017 Awarded	<u>BSS Strategic Performance Fund</u> "Acquisition of a Shell Bead Cast Typology Kit"	(\$1,953)
2017 Awarded	<u>BSS Strategic Performance Fund</u> "Finding the Tule Lake Segregation Center Cemetery (with Rachel Hensler and Caitlin Bishop)"	(\$2,500)
2016 Not Funded	<u>Joint Fire Science Program</u> "Examining Suppression Resource Allocation in the Presence of Wildlife Habitat and Cultural Resources" (with Jude Bayham, Jonathan Yoder, Peter Hansen, Ryan Miller, and Susan Strachen)	(\$230,609)
2016 Awarded	<u>BSS Strategic Performance Fund</u> "The Creation of a Source Database to Allow Geochemical Characterization of Obsidian Artifacts"	(\$1,420)
2013 Awarded	<u>James A. Bennyhoff Memorial Fund Award</u> "Prehistoric Mobility and Trade: An Analysis of Obsidian Source Distributions in Central California"	(\$6,000)

## FELLOWSHIPS AND AWARDS

2017	BSS Faculty Travel Award	(\$974)
2016	BSS Faculty Travel Award	(\$660)
2015	Kautz Graduate Fellowship	(\$5,000)
2011, 2013-14	UC Davis Evolutionary Anthropology Graduate Fellowship	(\$10,750)
2013	Phi Beta Kappa Graduate Scholarship	(\$5,000)
2012	Far Western Anthropological Research Group Grad Fellowship	(\$5,000)
2011	Consortium for Women and Research Grad Research Award	(\$1,000)
2009-2011	UC Davis Evolutionary Anthropology Summer Research Award	(\$3,000)

## PUBLICATIONS

### Academic Articles

- Whelan, Carly S.**, Adrian R. Whitaker, Jeffrey S. Rosenthal, and Eric Wohlgemuth  
2013 Hunter-Gatherer Storage, Settlement, and the Opportunity Costs of Women's Foraging. *American Antiquity* 78(4):662-678.

### Limited Circulation Reports

- Whelan, Carly S.**, Mark Q. Sutton, and Michael K. Lerch  
2013 Ethnography (Chapter 3). In *Native American Geography, History, Traditional Resources, Contemporary Communities, and Heritage Preservation Concerns*, edited by Michael K. Lerch, pp. 13-30. Statistical Research, Inc., Redlands, California. Prepared for California Department of Transportation, District 8, San Bernardino, California. On file, San Bernardino Archeological Information Center, San Bernardino County Museum, San Bernardino, California.
- Lerch, Michael K., Mark Q. Sutton, and **Carly S. Whelan**  
2013 Native American Resources (Chapter 6). In *Native American Geography, History, Traditional Resources, Contemporary Communities, and Heritage Preservation Concerns*, edited by Michael K. Lerch, pp. 65-112. Prepared for California Department of Transportation, District 8, San Bernardino, California. On file, San Bernardino Archeological Information Center, San Bernardino County Museum, San Bernardino, California.
- Whelan, Carly S.**, and Jeffrey S. Rosenthal  
2012 Me-Wuk and Paiute Lifeways (Chapter 4). In *Prehistoric Land Use and Settlement Systems in Yosemite National Park: A View from Crane Flat*, edited by Jeffrey S. Rosenthal, pp. 53-63. USDI National Park Service, Yosemite Research Center, Publications in Anthropology 39. Yosemite National Park.

## INVITED LECTURES

- 2018 "Travel or Trade? An Analysis of Obsidian Source Distributions in Central California." Paper presented for the CSU, Chico College of Behavioral and Social Sciences (BSS) Brown Bag Series.
- 2017 "Bringing It All Back Home: An Economic Analysis of Acorn Journeys in Proto-Historic Eastern California." Paper presented for the CSU, Chico College of Behavioral and Social Sciences (BSS) Brown Bag Series.
- 2016 "Mobility and Trade in Early Holocene Central California: An Examination of Obsidian Artifacts from the Skyrocket Site (CA-CAL-629/630)." Paper presented for the Fresno County Archaeological Society, Fresno, California.
- 2014 "Prehistoric Mobility and Trade in the Central Sierra Nevada: An Analysis of Sourced Obsidian Artifacts." Paper presented for the 2014 Yosemite Forum, Yosemite National Park, California.
- 2014 "Hunter-Gatherer Storage and Settlement: A View from the Central Sierra Nevada." Paper presented for the Far Western Speakers Series, Far Western Anthropological Research Group, Inc., Davis, California.

- 2011 “Prehistoric Subsistence and Land Use in the Merced River Drainage.” Paper presented for the Bureau of Land Management, Mother Lode Field Office, El Dorado Hills, California.
- 2007 “Modeling the Coastal Migration Hypothesis.” Paper presented at the Monthly Meeting of the Travis County Archaeological Society, Austin.

### **ORGANIZED CONFERENCE SESSIONS**

Darcangelo, Jennifer, Seetha Reddy, and **Carly S. Whelan**

- 2018 “Women in California Archaeology: Resume Building and Interview Skills.” Organized symposium for the 52nd Annual Meeting of the Society for California Archaeology, San Diego.

Greenwald, Alexandra M., **Carly S. Whelan**, and Gregory R. Burns

- 2018 “Beyond Foraging: Modeling Intensification, Territoriality, Technology, and the Sexual Division of Labor in Prehistory.” Organized symposium for the 52nd Annual Meeting of the Society for California Archaeology, San Diego.

Greenwald, Alexandra M., **Carly S. Whelan**, and Gregory R. Burns

- 2017 “Reconstructing Prehistoric California Lifeways with Evolutionary and Behavioral Ecology Models.” Organized symposium for the 51st Annual Meeting of the Society for California Archaeology, Fish Camp.

### **CONFERENCE PRESENTATIONS**

**Whelan, Carly S.**

- 2018 “Obsidian Trade vs. Direct Acquisition: A View from Central California.” Paper presented at the 83rd Annual Meeting of the Society for American Archaeology, Washington, D.C.
- 2018 “An Acorn in the Hand is Worth Two in the Granary: An Application of Future Discounting to Food Storage in California.” Paper presented at the 52nd Annual Meeting of the Society for California Archaeology, San Diego.

Hull, Bryna, Reba Fuller, Jelmer Eerkens, Eric Wohlgemuth, and **Carly S. Whelan**

- 2018 “Stable Isotope Analyses of Pine Nuts and Acorns.” Paper presented at the 52nd Annual Meeting of the Society for California Archaeology, San Diego.
- 2017 “The Low Trophic-Level, Carbon Enrichment Conundrum: Pining for Answers to an Unusual Stable Isotope Pattern in the Central Sierra Nevada.” Paper presented at the Society for California Archaeology annual Northern Data Sharing Meeting, Vallejo.

**Whelan, Carly S.**

- 2017 “Can Students Forage Optimally? Introduction of a Game for Teaching and Analysis” Paper presented at the Society for California Archaeology annual Northern Data Sharing Meeting, Vallejo.
- 2017 “The Viability of Long-Distance Acorn Transport in Eastern California.” Paper presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, Canada.

**Whelan, Carly S.**

- 2017 "Recent Research on the Prehistory of the Central Sierra Nevada." Paper presented at the 51st Annual Meeting of the Society for California Archaeology, Fish Camp.

**Mahon, Chase, Carly S. Whelan, and Mathew O'Brien**

- 2016 "Prehistoric Great Basin: Massacre Lake Tool Assemblage and Analysis." Poster presented at the 35<sup>th</sup> Great Basin Anthropological Conference, Reno, Nevada.

**Roberts, John, Jelmer W. Eerkens, and Carly S. Whelan**

- 2016 "Ancient Obsidian trade in Eastern California: A Household Perspective Around Owens Lake." Paper presented at the 50th Annual Meeting of the Society for California Archaeology, Ontario.

**Whelan, Carly S.**

- 2016 "Obsidian Hydration and Sourcing of the Don Pedro Collection." Paper presented at the 50th Annual Meeting of the Society for California Archaeology, Ontario.
- 2015 "Hunter-Gatherer Storage and Settlement: A View from the Central Sierra Nevada." Paper presented at the 80th Annual Meeting of the Society for American Archaeology, San Francisco.

**Whelan, Carly S., John H. Pryor, Jeffrey S. Rosenthal, Jeffrey R. Ferguson, and Michael D. Glascock**

- 2015 "Using XRF to Reconstruct Mobility at the Skyrocket Site (CA-CAL-629/630)." Paper presented at the 49th Annual Meeting of the Society for California Archaeology, Redding.

**Whelan, Carly S.**

- 2014 "Long-Distance Acorn Transport in Eastern California. Poster presented at the 79th Annual Meeting of the Society for American Archaeology, Austin."
- 2014 "Prehistoric Obsidian Exchange in the Central Sierra Nevada." Paper presented at the 48th Annual Meeting of the Society for California Archaeology, Visalia.

**Whelan, Carly S., Jeffrey R. Ferguson, and Jeffrey S. Rosenthal**

- 2013 "Prehistoric Mobility and Trade in Yosemite National Park: An Analysis of Obsidian Source Distributions." Paper presented at the 47th Annual Meeting of the Society for California Archaeology, Berkeley.

**Whelan, Carly S., Jeffrey R. Ferguson, Jeffrey S. Rosenthal, and Scott R. Jackson**

- 2012 "Using PXRF and NAA to Reveal Prehistoric Mobility and Trade Patterns in Central California." Poster presented at the 77th Annual Meeting of the Society for American Archaeology, Memphis.

**Whelan, Carly S., Adrian R. Whitaker, and Jeffrey S. Rosenthal**

- 2012 "Prehistoric Settlement, the Structure of Resources, and the Antiquity of Storage in the Western Sierra Nevada." Paper presented at the 46th Annual Meeting of the Society for California Archaeology, San Diego.

**Arpaia, Angela, and Carly S. Whelan**

- 2011 "Basalt Sourcing in the Sierra Nevada Foothills." Poster presented at the 76th Annual Meeting of the Society for American Archaeology, Sacramento.

**Whelan, Carly S.**

- 2011 "Prehistoric Patterns of Mobility and Trade in the Sierra Nevada Foothills." Paper presented at the 76th Annual Meeting of the Society for American Archaeology, Sacramento.
- 2011 "Modeling Hunter-Gatherer Mobility Strategies: An Application of the Marginal Value Theorem." Paper presented at the 45th Annual Meeting of the Society for California Archaeology, Rohnert Park.
- 2010 "Prehistoric Subsistence-Settlement Patterns of the West-Central Sierra Nevada Foothills." Paper presented at the 75th Annual Meeting of the Society for American Archaeology, St. Louis.
- 2010 "Modeling Hunter-Gatherer Mobility Strategies." Poster presented at the 44th Annual Meeting of the Society for California Archaeology, Riverside.
- 2007 "Modeling the Coastal Migration Hypothesis." Poster presented at the 72nd Annual Meeting of the Society for American Archaeology, Austin.

Blesch, Rachel M., Leslie L. Bush, Lana S. Martin, Stephen M. McCauley, Nathan P. Sisson, Dylan B. Smith, Heather L. Smith, and **Carly S. Whelan**

- 2005 "Flotation Results from the TAS 2005 Field School, Lamar County, Texas." Poster presented at the 76th Annual Meeting of the Texas Archeological Society, Austin.

**PROFESSIONAL EXPERIENCE**

- 2016 Project Director, Statistical Research, Inc., Woodland, California  
*Analyzed and curated Caltrans archaeological collections, and managed data in the Caltrans Cultural Resources Database (CCRD).*
- 2014-2015 Assistant Project Director, Statistical Research, Inc., Woodland, California  
*Managed data in the Caltrans Cultural Resources Database (CCRD) and digitized the Caltrans Headquarters Office Cultural Library.*
- 2014-2015 Laboratory Director, Far Western Anthropological Research Group, Inc., Davis, California  
*Directed X-ray fluorescence (XRF) sourcing of obsidian artifacts for the Feather River Levee Improvement project.*
- 2013 Research Associate, Statistical Research, Inc., Woodland, California  
*Wrote ethnographic and ethnobotanical summaries and entered data into the Caltrans Cultural Resources Database (CCRD).*
- 2011 Research Assistant, Far Western Anthropological Research Group, Inc., Davis, California  
*Wrote ethnographic summaries and conducted research for the Crane Flat project in Yosemite National Park.*
- 2008 Museum Assistant, Texas Archaeological Research Laboratory, Austin  
*Catalogued and curated archaeological materials from the Arenosa Shelter collection for the National Park Service.*
- 2007-2008 Editorial Assistant, Texas Beyond History archaeological website, Austin  
*Researched and wrote articles, and helped lay out webpages for a virtual museum of archaeological sites and historic events in Texas.*

## PROFESSIONAL SERVICE

- 2017 Reviewer, National Geographic Society Research Grant  
2016 Co-Organizer, State of Jefferson Conference  
2015 Reviewer, Missouri Research Reactor (MURR) Archaeometry Program  
National Science Foundation Mini-Proposal  
2014 Reviewer, *American Antiquity*

## PROFESSIONAL AFFILIATIONS

- 2008-present Society for California Archaeology (SCA)  
2006-present Society for American Archaeology (SAA)

## UNIVERSITY AND DEPARTMENT SERVICE

- 2017-present Director, CSUC Archaeology Laboratory  
2017-present Member, Women of Wisdom Planning Committee  
2016-present Director, Northeast Information Center (NEIC), Chico  
2016-present Member, CSUC Anthropology & Native American Relations Committee  
2017-2018 Chair, Anthropology Department Scholarship Committee  
2017-2018 Member, Candidacy Exam Review Committee  
2017-2018 Member, College of Behavioral and Social Science Scholarship Committee  
2017-2018 Member, American Indian Studies Curriculum Redesign Committee  
2012-2014 President, Center for Archaeological Research at Davis (CARD)  
2011-2012 President, UC Davis Anthropology Graduate Student Association

## PUBLIC OUTREACH

- 2017 Guest Speaker, Chico Junior High School  
*Delivered presentations on world prehistory and hunter-gatherers for sixth grade social studies students.*
- 2015-2016 Presenter, United Auburn Indian Community (UAIC) Archaeological Monitor Training Class, Auburn and Roseville, California  
*Delivered presentations on obsidian sourcing and obsidian hydration procedures and research for participants in a monitor training class.*
- 2013-2014 Presenter, UC Davis Annual Biodiversity Museum Day  
*Demonstrated X-ray fluorescence (XRF) obsidian sourcing and obsidian hydration analysis for members of the Davis community.*
- 2012-2014 Session Leader, UC Davis Anthropology Museum Education Outreach Program  
*Designed and led archaeological activities and presentations for K-12 age students from the Sacramento and East Bay areas.*
- 2011 Presenter, UC Davis Archaeology Month Open House  
*Demonstrated X-ray fluorescence (XRF) obsidian sourcing for members of the Davis community.*

- 2009 Presenter, Cosumnes River College Anthropology Expo, Sacramento  
*Discussed the UC Davis archaeological field school with community college students and members of the Sacramento community.*
- 2007 Presenter, Annual Archeology Fair, Del Rio, Texas  
*Demonstrated interactive exhibits from the Texas Beyond History website for fourth and seventh grade students.*