

DARCY BIRD

PhDc, MS, RPA

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RESEARCH INTERESTS

Computational archaeology, paleodemography, macroarchaeology, complex adaptive systems, human life history, forager-farmer transitions, socio-ecological modeling, reproducible science.

EDUCATION

Washington State University 2019 - Anticipated 2023

Ph.D. Anthropology

Dissertation: *Ancient Demography and Energetics: From Global to Local Scales.*

Advisor: Timothy A. Kohler

Utah State University 2017 - 2019

M.S. Anthropology, focus in Archaeology and Cultural Resources Management

Thesis: *Subsistence Strategy Tradeoffs in Long-Term Population Stability Over the Past 6,000 Years.*

Advisor: Jacob Freeman

University of Rochester 2010 - 2014

B.A. Classics and Archaeology, Technology, & Historical Structures, *magna cum laude*

Thesis: *The Effect of Invasion on Social Complexity: the Dobunni and the Roman Conquest of Britain.*

Advisors: Elizabeth Colantoni (ATHS), Nicholas Gresens (Classics)

PEER REVIEWED PUBLICATIONS citations 135, h-index 7, i10-index 5

Under Review

Bird, Darcy, R. Kyle Bocinsky, Jacob Freeman, Timothy A. Kohler. The Agricultural Demographic Transitions in the Prehispanic US Southwest and Midwest, and Their Shared Outcome. *Proceedings of the National Academy of Sciences*. Submitted 29 October 2023.

Bird, Darcy, R. Kyle Bocinsky, Kelsey M. Reese, Timothy A. Kohler. Settlement Persistence in the Prehispanic Central Mesa Verde Region: A Dynamic Analysis. *Journal of Archaeological Science: Reports*. Submitted 22 September 2023.

Freeman, Jacob, Erick Robinson, **Darcy Bird**, Robert J. Hard, Raymond P. Mauldin, and John M. Anderies. The long-term expansion and recession of human populations, *Proceedings of the National Academy of Sciences*. Submitted 5 August 2023.

Nomura, Keiko, Simon Rella, Haily Merritt, Mathieu Baltussen, **Darcy Bird**, Annika Tjuka, Dan Falk. Tipping Points of Space Debris in Low Earth Orbit. In *Commons in Space*, special issue of ***The International Journal of the Commons***, edited by Marco Janssen. Re-submitted 15 September 2023.

Published

- 2023 Lima, Mauricio, Eugenia M. Gayo, Sergio A. Estay, Andone Gurruchaga, Erick Robinson, Jacob Freeman, Claudio Latorre, **Darcy Bird**. Positive feedbacks in deep-time transitions of human populations. ***Philosophical Transactions of the Royal Society B: Biological Sciences*** 20220256. doi:10.1098/rstb.2022.0256
- Kohler, Timothy A., **Darcy Bird**, R. Kyle Bocinsky, Kelsey Reese, Andrew Gillreath-Brown. Wealth Inequality in the Prehispanic Northern US Southwest from Malthus to Tyche. In *Evolutionary ecology of inequality*, special issue of ***Philosophical Transactions of the Royal Society B: Biological Sciences***, edited by Eric Alden Smith, Jennifer Elaine Smith and Brian F. Coddling, 378: 20220298. doi:10.1098/rstb.2022.0298
- Kohler, Timothy A., R. Kyle Bocinsky, **Darcy Bird**. Fluctuat nec mergitur: Seven Centuries of Pueblo Crisis and Resilience. In *How Worlds Collapse: What History, Systems, and Complexity Can Teach Us About Our Modern World and Fragile Future*, edited by Miguel Centeno, Peter Callahan, Paul Larcey, Thayer Patterson, pp. 146-166. Routledge, London. doi:10.4324/9781003331384-11
- 2022 **Bird, Darcy**, Lux Miranda, Marc Vander Linden, Erick Robinson, R. Kyle Bocinsky, Christopher Nicholson, José Capriles, Judson Byrd Finley, Eugenia Gayo, Adolfo F. Gil, Jade d'Alpoim Guedes, Julie Hoggarth, Andrea Kay, Emma Loftus, Umberto Lombardo, Madeline Mackie, Alessio Palmisano, Steinar Solheim, Robert L. Kelly, and Jacob Freeman. p3k14c, A global database of archaeological radiocarbon dates. ***Scientific Data*** 9(27). doi:10.1038/s41597-022-01118-7
- Kohler, Timothy A., **Darcy Bird**, David H. Wolpert. Social Scale and Collective Computation: Does Information Processing Limit Rate of Growth in Scale? In *Evolution of Collective Computational Abilities of (Pre)Historic Societies*, special issue of ***Journal of Social Computing***, edited by Timothy A. Kohler, Darcy Bird, David H. Wolpert, 3(1): 1-17. doi:10.23919/JSC.2021.0020
- 2021 Freeman, Jacob, John M. Anderies, Noelle G. Beckman, Erick Robinson, Jacopo A. Baggio, **Darcy Bird**, Christopher Nicholson, Judson Byrd Finley, Jose Capriles, Adolfo F. Gil, David Byers, Eugenia Gayo, and Claudio Latorre. Landscape Engineering Impacts the Long-Term Stability of Agricultural Populations. ***Human Ecology*** 49: 369-382. doi:10.1007/s10745-021-00242-z
- Scheffer, Marten, Egbert H. van Nes, **Darcy Bird**, R. Kyle Bocinsky, and Timothy A. Kohler. Loss of resilience preceded transformations of pre-Hispanic Pueblo societies. ***Proceedings of the National Academy of Sciences*** 118(18). doi:10.1073/pnas.2024397118

2020 Robinson, Erick, R. Kyle Bocinsky, **Darcy Bird**, Jacob Freeman, and Robert L. Kelly. Dendrochronological dates confirm a Late Prehistoric population decline in the American Southwest derived from radiocarbon dates. In *Cross-disciplinary approaches to prehistoric demography*, theme issue of ***Philosophical Transactions of the Royal Society B: Biological Sciences***, edited by Jennifer C. French, Philip Riris, Javier Fernández-López de Pablo, Sergi Lozano, and Fabio Silva, 376(1816): 20190718. doi:10.1098/rstb.2019.0718

Bird, Darcy, Jacob Freeman, Erick Robinson, Gideon Maughan, Judson Byrd Finley, Patricia M. Lambert, and Robert L. Kelly. A first empirical analysis of population stability in North America using radiocarbon records. ***The Holocene*** 30(9): 1345-1359. doi:10.1177/0959683620919975

Freeman, Jacob, Erick Robinson, Noelle Beckman, **Darcy Bird**, Jacopo A. Baggio, and John M. Anderies. The Global Ecology of Human Population Density and Interpreting Changes in Radiocarbon Time-series. ***Journal of Archaeological Science*** 120(105168). doi:10.1016/j.jas.2020.105168

SPECIAL ISSUES

2022 Kohler, Timothy A., **Darcy Bird**, and David H. Wolpert, guest editors. Evolution of Collective Computational Abilities of (Pre)Historic Societies. *Journal of Social Computing*.

INVITED SPEAKING EVENTS

2022 **Bird, Darcy**. *p3k14c: a global radiocarbon database for paleodemographic reconstruction*. Digital Lecture for the PASES 2022 lecture series, organized by Xavier Benito, Ignacio Jara, and the PASES 2022 Planning Committee, 04/22/2022.

2021 **Bird, Darcy**. *P3k14C: a Radiocarbon Database for Paleodemographic Research*. Keynote Speaker at the People3000 Workshop, "Understanding long-term human-environment feedback loops through the integration of archaeology, paleoclimate and ecological models," organized by Eugenia Gayo and Claudio Latorre, 03/25/2021.

2020 **Bird, Darcy**, Lux Miranda, Marc Vander Linden, Erick Robinson. *P3K14C Global: a Progress report*. Presented at the People3000 Teleworkshop organized by Erick Robinson, 05/08/2020. Available on Youtube: <https://www.youtube.com/watch?v=u-Y9pU-mj3o>

GRANTS AND FELLOWSHIPS

2022 PAGES Data Stewardship Scholarship
PAGES Executive Committee, Past Global Changes. **\$12,150.**
Russ and Anne Fuller Fellowship for Interdisciplinary Research/Scholarship
Graduate School, Washington State University. **\$4,000.**

- 2021 Russ and Anne Fuller Fellowship for Interdisciplinary Research/Scholarship
Graduate School, Washington State University. **\$4,000.**
Janet Friedman Memorial Fellowship in Anthropological Archaeology
Department of Anthropology, Washington State University. **\$1,000.**
- 2013 Rochester Undergraduate Grant
School of Arts and Sciences, University of Rochester. **\$4,600.**
- 2010 Research and Innovation Grant
School of Arts and Sciences, University of Rochester. **\$3,000.**

PROFESSIONAL CONFERENCE PRESENTATIONS

- 2024 Gauthier, Nicolas, **Darcy Bird**. *Climate variability synchronizes long-term human population dynamics*. Poster presented at the Society for American Archaeology 89th Annual Meeting, New Orleans, LA, USA.
- Bird, Darcy**, Timothy A. Kohler. *Proxies for the Agricultural Demographic Transition: How Well do Radiocarbon Time-Series Track Crude Birth Rates?* Paper presented at the Society for American Archaeology 89th Annual Meeting, New Orleans, LA, USA.
- 2022 Nomura, Keiko, **Darcy Bird**, Mathieu Baltussen, Annika Tjuka, Haily Merritt, Dan Falk. *A mathematical model of critical points in space debris density according to governance*. Pre-recorded talk presented at the Commons in Space 2022 Virtual Conference.
- Bird, Darcy**, Nicolas Gauthier, Jacob Freeman. *Lucky Latitudes: The Geography of Prehistoric Human Population Growth*. Paper digitally presented at the 28th EAA Annual Meeting in Budapest, Hungary.
- Bird, Darcy**, Travis Holmes, Jude Kurniawan, Jessica Steinberg. *Emergent Sustainability*. Paper presented at the Santa Fe Institute 2022 Complex Systems Summer School, Santa Fe, NM, USA.
- Nomura, Keiko, **Darcy Bird**, Mathieu Baltussen, Annika Tjuka, Haily Merritt, Dan Falk. *Space Commons*. Project presented at the Santa Fe Institute 2022 Complex Systems Summer School, Santa Fe, NM, USA.
- Bird, Darcy**, Violeta Calleja-Solanas, Ben Hosken, Lena Mangold, Sophia Schlosser, Thibault Prouteau. *Attenborough-pedia*. Project presented at the Santa Fe Institute 2022 Complex Systems Summer School, July 6, Santa Fe, NM, USA.
- Bird, Darcy**, Andrew Gillreath-Brown, R. Kyle Bocinsky, Kelsey M. Reese, Timothy A. Kohler. *Climate, Maize, and Demography: a case study from the southwestern United States*. Paper presented at the Society for American Archaeology 87th Annual Meeting, Chicago, IL, USA.
- 2021 **Darcy Bird** and Erick Robinson. *PaleOclimate and the Peopling of the Earth (People 3000): An Introduction to the International Working Group*. Paper digitally

- presented at the 7th Northwest Evolution, Ecology and Human Behavior Symposium.
- Kohler, Timothy A., Andrew Gillreath-Brown, **Darcy Bird**, R. Kyle Bocinsky. *From unconstrained to density-dependent growth: 900 years of Pueblo Pre/history*. Paper presented at the 27th Annual Meeting of the European Association of Archaeologists, Kiel, Germany.
- Bird, Darcy**, R. Kyle Bocinsky, Timothy Kohler. *Maize, Construction, and Population Changes: One Way to Identify Sunk Cost Behaviors in Central Mesa Verde*. Poster digitally presented at the Society for American Archaeology 86th Annual Meeting, San Francisco, CA, USA.
- 2020 **Bird, Darcy**, R. Kyle Bocinsky, Timothy Kohler. *A Comparative Approach to Paleodemographic Proxies: a Case Study in the Southwest*. Paper presented at the Society for American Archaeology 85th Annual Meeting, Austin, TX, USA. **
- Freeman, Jacob, **Darcy Bird**, Erick Robinson, Jose Capriles, Judson Finley. *Studying the long-term stability of agricultural societies to inform climate-smart agriculture*. Paper presented at the Society for American Archaeology 85th Annual Meeting, Austin, TX, USA. **
- Kohler, Timothy, Daniel Rogers, **Darcy Bird**, Lotte Govaerts. *The Theory of the Adjacent Possible and Settlement Scaling Theory*. Paper presented at the Society for American Archaeology 85th Annual Meeting, Austin, TX, USA. **
- Bird, Darcy**. *A Comparative Analysis of Population Growth Rates in North America*. Poster presented digitally at the WSU GPSA Research Exposition, Pullman, WA, USA.
- 2019 Robinson, Erick, R. Kyle Bocinsky, Jacob Freeman, **Darcy Bird**, Robert L. Kelly. *The Role of Edge Effects in Late Holocene Radiocarbon Time-Series*. Paper presented at the Society for American Archaeology 84th Annual Meeting, Albuquerque, NM, USA.
- Bird, Darcy**, Jacob Freeman. *Climate-Human Population Dynamics During the Late Holocene in North America*. Paper presented at the Society for American Archaeology 84th Annual Meeting, Albuquerque, NM, USA.
- 2018 **Bird, Darcy**, Erick Robinson, Jacob Freeman, Gideon Maughan, and Robert Kelly. *Population Stability in the Great Basin and Across the Globe: a Model on Species Richness*. Poster presented at the 36th Great Basin Anthropological Conference, Salt Lake City, UT, USA.
- Robinson, Erick, Jacob Freeman, **Darcy Bird**, Jacopo Baggio, David A. Byers, Eugenia Gayo, Judson Byrd Finley, Jack Meyer, Robert L. Kelly, John M. Anderies. *Solar energy, biodiversity and human population stability during the Holocene*. Paper presented at the 24th Annual Meeting of the European Association of Archaeologists, Barcelona, Spain.

Bird, Darcy, Jacob Freeman, and Erick Robinson. *Rates of Change in Radiocarbon Date Frequencies and Population Collapse*. Poster presented at the Society for American Archaeology 83rd Annual Meeting, Washington, DC, USA.

** Conference canceled due to SARS-CoV-2 / COVID-19

DATABASE AND CODE PUBLICATIONS

2022 **Bird, Darcy**, and R. Kyle Bocinsky. village-ecodynamics/dendro-db: Compiled Tree-ring Dates from the Southwestern United States (Unrestricted) v2016.4.0. *Zenodo*. doi:10.5281/zenodo.6380649

2021 Bocinsky, R. Kyle, **Darcy Bird**, and Erick Robinson. Compendium of R code and data for p3k14c: A synthetic global database of archaeological radiocarbon dates. <https://github.com/people3k/p3k14c> doi:10.5281/zenodo.5597795

Darcy Bird, Jacob Freeman, Erick Robinson, Lux Miranda, Marc Vander Linden, R. Kyle Bocinsky, Chris Nicholson, Jose M. Capriles, Judson Finley, Eugenia Gayo, Adolfo Gil, Jade D'Alpoim Guedes, Julie Hoggarth, Andrea Kay, Emma Loftus, Umberto Lombardo, Madeline Mackie, Alessio Palmisano, Steinar Solheim, Claudio Latorre, Robert Kelly. p3k14c. (tDAR id: 459164) ; doi:10.48512/XCV8459164

Darcy Bird, Jacob Freeman, Erick Robinson, Lux Miranda, Marc Vander Linden, R. Kyle Bocinsky, Chris Nicholson, Jose Capriles, Judson Finley, Eugenia Gayo, Adolfo Gil, Jade D'Alpoim Guedes, Julie Hoggarth, Andrea Kay, Emma Loftus, Umberto Lombardo, Madeline Mackie, Alessio Palmisano, Steiner Solheim, Claudio Latorre, Robert Kelly. p3k14c Graveyard. (tDAR id: 459174) ; doi:10.48512/XCV8459174

Darcy Bird, Jacob Freeman, Erick Robinson, Lux Miranda, Marc Vander Linden, R. Kyle Bocinsky, Chris Nicholson, Jose Capriles, Judson Finley, Eugenia Gayo, Adolfo Gil, Jade D'Alpoim Guedes, Julie Hoggarth, Andrea Kay, Emma Loftus, Umberto Lombardo, Madeline Mackie, Alessio Palmisano, Steiner Solheim, Claudio Latorre, Robert Kelly. p3k14c Raw. (tDAR id: 459173) ; doi:10.48512/XCV8459173

Darcy Bird, Jacob Freeman, Erick Robinson, Lux Miranda, Marc Vander Linden, R. Kyle Bocinsky, Chris Nicholson, Jose Capriles, Judson Finley, Eugenia Gayo, Adolfo Gil, Jade D'Alpoim Guedes, Julie Hoggarth, Andrea Kay, Emma Loftus, Umberto Lombardo, Madeline Mackie, Alessio Palmisano, Steiner Solheim, Claudio Latorre, Robert Kelly. p3k14c Scrubbed. (tDAR id: 459172) ; doi:10.48512/XCV8459172

2020 Bocinsky, R. Kyle, **Darcy Bird**, Robert Kelly. County-level radiocarbon dates for the upland US Southwest. (tDAR id: 455460) ; doi:10.6067/XCV8455460

AWARDS AND SCHOLARSHIPS

2022 Graduate Student Travel Award, Washington State University. **\$464.**

- 2021 STAR Award, National Park Service. **\$200.**
- 2019 Graduate Student Travel Award, Utah State University. **\$700.**
- 2018 Student Poster Award, Great Basin Anthropological Conference. **\$100.**
Graduate Student Travel Award, Utah State University. **\$600.**
- 2013 College Year in Athens Award, College Year in Athens. **\$4,000.**
Americorps Education Award, Americorps. **\$1,420.**
- 2012 Dean's Study Abroad Scholarship, University of Rochester. **\$500.**
Summer Study in Italy Scholarship, University of Rochester. **\$1,000.**
- 2010 Prince Street Scholarship, University of Rochester. **\$40,000 over 4 years**
Robert J. Hannon Leadership Award, Illinois District 214 High Schools.

RESEARCH GROUPS

- 2017-present **Role: Early Career Network Liaison (2021-present); Participant (2017-2020).** *Past Global Changes (PAGES) sponsored Scientific Working Group: PEOPLE 3000 (Paleoclimate and the Peopling of the Earth),* Leadership team: Jacob Freeman, Eugenia Gayo, Julie Hoggarth, Claudio Latorre, Erick Robinson, **Darcy Bird.**
- 2019-2022 **Role: Participant.** *NSF IBSS-L: Information Networks and the Evolution of Social Organizations,* PIs: Timothy Kohler, Luis Bettencourt, David Wolpert.

RESEARCH EXPERIENCE

Max Planck Institute for Geoanthropology Research Associate	Jena, Germany 7/2021 - 7/2023
Washington State University, Anthropology Graduate Research Assistant	Pullman, WA, USA 1/2020 - 5/2021; 1/2022-5/2023
Utah State University, Anthropology Graduate Research Assistant	Logan, UT, USA 8/2017 - 5/2018; 8/2018 - 5/2019
University of Rochester, Classics/Mech. Engineering Undergraduate Research Assistant	Arezzo, Italy; Rochester, NY, USA 6/2012 - 12/2012

TEACHING EXPERIENCE

Washington State University, Anthropology Department Instructor on Record ANTH 101 Introduction to Anthropology, 3 hours/week, 85 students.	Pullman, WA, USA Fall 2022
Washington State University, Anthropology Department Instructor on Record ANTH 101 Introduction to Anthropology, 6 hours/week, 13 students.	Pullman, WA, USA Summer 2022

Washington State University, Anthropology Department	Pullman, WA, USA
Graduate Teaching Assistant	Fall 2019; Fall 2021; Fall 2023
ANTH 101 Introduction to Anthropology, 3 hours/week, 70-90 students.	
忻州一中学 / Xinzhou No. 1 Middle School	Xinzhou, Shanxi, China
English Teacher	Fall 2014-Spring 2015
Spoken English Class, 15 sections, each section 40 minutes/week, 70 students each.	

WORKSHOPS, SYMPOSIA, & LECTURE SERIES

- 2023 Participant, *Global Dynamics of Inequality II*, Working Group at Santa Fe Institute; April 3-5. Organized by: Timothy Kohler, Amy Bogaard, & Scott Ortman.
- 2022 Participant, *Santa Fe Institute 2022 Complex Systems Summer School*. Santa Fe, NM; June 13-July 8. Organized by: David Feldman, Miguel Fuentes, Carla Shedivy, Lousia Di Felice, John Malloy.
- Co-organizer, *Digital Anthropology Methods Guest Lecture Series*. Washington State University; Spring 2022, 8 lectures. Organized with: Arian Karimtar.
- 2021 Co-organizer, *Careers in Anthropology Lecture Series*. Washington State University; Fall 2021, 4 lectures. Organized with: Arian Karimtar.
- Co-organizer, *Careers in Anthropology Lecture Series*. Washington State University; Fall 2020 - Spring 2021, 3 lectures. Organized with: Jacklyn Rumberger.
- 2020 Assistant Organizer and Session Chair, *Evolution of Collective Computational Abilities of (Pre)Historic Societies*, Working Group at the Santa Fe Institute; November 2-4. Organized by: Timothy A. Kohler and David H. Wolpert.
- 2019 Participant, *Bayesian Chronological Modeling Workshop* at University of New Mexico, Albuquerque, NM; April 9-10. Led by: Dr. Derek Hamilton & Dr. Tony Krus.

DEPARTMENTAL PRESENTATIONS

- 2023 Blong, John and **Darcy Bird**, with Panelists Julie Erickson, Sheri Murray Ellis, and Andrew Frierson. *Digital Cultural Resource Management Panel*. Digital Panel and Q&A at Washington State University, 3/23/2023.
- 2020 Rumberger, Jacklyn and **Darcy Bird**, with Panelists Julia Cassaniti, Rachel Horowitz, and Luke Premo. *How to Apply to Grad School in Anthropology*. Undergrad Workshop and Q&A at Washington State University, 10/28/2020.
- Bird, Darcy**. *Can we identify the Sunk Cost Fallacy in the American Southwest?* Brown Bag Workshop at Washington State University, 10/13/2020.
- 2019 **Bird, Darcy**. *How to Get a Job in Archaeology*. Presented at Washington State University, 9/25/2019.

2018 **Bird, Darcy.** *Representations of Paleodemography.* Brown Bag Talk at Utah State University, 10/17/2018.

Bird, Darcy, Audrey Pazmino, Trista Schiele. *How to Get a Job in Archeology! Forest Service Edition.* Presented at Utah State University, 9/13/2018.

ACADEMIC REPORTS

2022 **Bird, Darcy,** Jude Kurniawan, Travis Holmes, Jessica Steinberg. Emergent Sustainability: An ABM of societal persistence in the face of shocks. *2022 Complex Systems Summer School Proceedings.*

Nomura, Keiko, Haily Merritt, **Darcy Bird,** Mathieu Baltussen, Annika Tjuka, Dan Falk, Simon Rella. Critical Points of Space Debris Density in Low Earth Orbit. *2022 Complex Systems Summer School Proceedings.*

2021 Hoggarth, Julie A., Claudio Latorre, Jacob Freeman, Erick Robinson, Eugenia Gayo, **Darcy Bird.** PEOPLE 3000 working group. *PAGES Magazine* 29(2): 103.

2019 **Bird, Darcy.** *A History of Greendale: People and Places.* Report prepared for the US Department of Agriculture Forest Service, Ashley National Forest, Vernal, Utah.

ACADEMIC SERVICE

Early Career Network Liaison

PEOPLE 3000 (PaleOclimate and the PeopLing of the Earth) 4/2021-present
PAGES (Past Global Changes) Working Group, 2021-2025.
<http://pastglobalchanges.org/science/wg/people-3000/intro>

President

Washington State University, Anthropology Graduate Organization 8/2020-5/2023
wsuago.wordpress.com

JOURNAL ARTICLES REVIEWED

Journal of Open Archaeology Data: 1 article

PROFESSIONAL AFFILIATIONS

Register of Professional Archaeologists: 2020-present

European Association of Archaeologists: 2022-present

Society for American Archaeology: 2017-present

Human Behavior and Evolution Society: 2021-2022

Great Basin Anthropological Association: 2016-2020

Utah Professional Archaeological Council: 2018-2020

CULTURAL RESOURCE MANAGEMENT EXPERIENCE

National Park Service

Los Alamos, NM, USA

Archeology Technician (GS-0102-07)	5/2021 - 8/2021
U.S. Forest Service	Vernal, UT, USA
Archeology Technician (GS-0102-07)	5/2018 - 8/2018; 5/2019 - 8/2019
Bureau of Land Management	Susanville, CA, USA
Archeology Technician (GS-0102-07)	5/2017 - 8/2017
U.S. Forest Service	Twin Falls, ID; Upper Lake, CA; Pioneer, CA, USA
Archeology Technician (GS-0102-05)	4/2016 - 4/2017
Louis Berger Group	NY & MA, USA
Field Archaeologist I	11/2015 - 12/2015
U.S. Forest Service	Hot Springs, SD, USA
Archeology Technician (GS-0102-05)	7/2015 - 9/2015
The George Washington Foundation	Fredericksburg, VA, USA
Excavation Intern	5/2014 - 8/2014
The Student Conservation Association, U.S. Forest Service	Fort Jones, CA, USA
Archeology Intern	6/2013 - 8/2013
Archaeospain	Peñalba De Castro, Burgos, Spain
Excavation Assistant	7/2011

REFERENCES

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- Dr. Jacob Freeman
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Logan, UT 84322

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- Dr. R. Kyle Bocinsky
Director of Climate Extension
University of Montana, Montana Climate Office
W.A. Franke College of Forestry and Conservation
32 Campus Drive
Missoula, MT 59812

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- Dr. Erick Robinson
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