

Scott G. Ortman

*Associate Professor, Anthropology
University of Colorado Boulder. 233 UCB, Boulder, CO 80309.*

*Director, Center for Collaborative Synthesis in Archaeology
Institute of Behavioral Science, 483 UCB, Boulder, CO 80309.*

*External Professor, Santa Fe Institute
1399 Hyde Park Rd., Santa Fe, NM 87501.*

Office: Hale 179; Phone: 303-492-6064; Email: scott.ortman@colorado.edu

EMPLOYMENT HISTORY:

- 8/13-8/20* **Assistant Professor, Anthropology**, *University of Colorado Boulder.*
- 5/09-12/10* **Director of Research and Education**, *Crow Canyon Archaeological Center.* Direct all activities of the research and education department and manage a full-time staff of 11 archaeologists and educators. Manage a \$.6M annual department budget. Design, fund, and administer problem-oriented excavation and laboratory research projects. Guide the development and implementation of public education programs that involve the public directly in archaeological research. Serve as Principal Investigator for multi-year excavation projects and as General Editor for database-driven site reports on the Crow Canyon web site. Design, conduct, and publish archaeological and anthropological research in peer-reviewed books and journals. Collaborate with American Indians on research and education projects. <http://www.crowcanyon.org/>.
- 3/07-5/09* **Acting Director of Research**, *Crow Canyon Archaeological Center.* Direct all activities of the research department and manage a full-time staff of 8-10 archaeologists. Manage a \$.5M annual department budget. Design, fund, and administer problem-oriented excavation and laboratory research projects. Serve as Principal Investigator for multi-year excavation projects and as General Editor for database-driven site reports on the Crow Canyon web site. Design, conduct, and publish archaeological and anthropological research in peer-reviewed books and journals.
- 2000-2007* **Laboratory Director and Database Manager**, *Crow Canyon Archaeological Center.* Coordinate all activities of the research laboratory, including artifact analysis, collections management, database design and management, public education programs, and problem-oriented research. Manage full-time laboratory staff, a student intern program, and a local volunteer program. Disseminate research results through professional presentations, publications, and interactive web sites and databases. Teach laboratory analysis methods to public participants.
- 1997-2000* **Material Culture Specialist**, *Crow Canyon Archaeological Center.* Design and coordinate problem-oriented research using archaeological collections from ancestral Pueblo sites in SW Colorado and SE Utah. Disseminate results through professional presentations, publications, and interactive electronic databases. Teach laboratory analysis methods to participants in Crow Canyon research programs.
- 9/92-6/93* **Staff Archaeologist**, *Archaeological Resource Management*, San Jose, CA. Robert Cartier, Principal. Analyze and interpret archaeological data, compose and edit site reports.

EDUCATION:

- 2010 **Arizona State University.** Ph.D. in Anthropology, School of Human Evolution and Social Change. Committee Chair: Michelle Hegmon. *Dissertation: Genes, Language and Culture in Tewa Ethnogenesis, A.D. 1150-1400.*
- 1998 **Arizona State University.** M.A. in Anthropology. Committee Chair: Michelle Hegmon. *Masters Paper: Corn Grinding and Community Organization in the Pueblo Southwest, A.D. 1150-1550.*
- 1994 **Stanford University.** B.A. in Anthropology with Departmental Honors. Advisor: John Rick. *Honors Thesis: Architectural Wood-Use and its Implications for Basketmaker Settlement and Ecology: The View from Zuni, New Mexico.*

International Study:

- 1/91-6/91 **University of Oxford, United Kingdom.** Tutored in Prehistoric, Romano-British, and Medieval Archaeology by David Miles, Director, Oxford Archaeology Unit. Affiliate Member of Magdalen College.

FELLOWSHIPS:

- 2020-2021 **School for Advanced Research.** Weatherhead Fellowship. Proposal Title: *Coming Together: Pueblo History in the Pojoaque Valley.* <https://sarweb.org/scholars/resident/2020-2021/>.
- 2011-2014 **Santa Fe Institute.** SFI Omidyar Postdoctoral Fellowship. 3-year research position. <https://www.santafe.edu/research/omidyar>.
- 2008-2009 **Andrew W. Mellon Foundation /American Council of Learned Societies.** Dissertation Completion Fellowship. <http://www.acls.org/research/acf.aspx?year=2007&pid=BF793C04-7077-DB11-A735-000C2903E717&id=800>.
- 2007 **Crow Canyon Archaeological Center.** Florence C. and Robert H. Lister Fellowship. http://www.crowcanyon.org/jobs_opportunities/fellowships/lister_fellowship.asp.
- 2005-2007 **College of Liberal Arts and Sciences, Arizona State University.** Dean's Recruitment Scholarship.
- 1994-1997 **National Science Foundation.** Graduate Research Fellowship.

RESEARCH GRANTS

(Total funding since 2014 as PI/CO-PI = \$1.72M)

- 2023-2025 **National Science Foundation** (BCS-2213921): *Collaborative Research: HNDS-R: Human Networks, Sustainable Development, and Lived Experience in a Nonindustrial Society.* 2-year, \$450K project (\$218K to CU-Boulder). I am the PI and primary author of the proposal.
- 2022-2023 **U.S. Air Force Research Laboratory.** *Productivity and scaling of middle-size research groups.* 1-year, \$90K project. I am the PI and author of the proposal.
- 2021-2024 **Center for Collaborative Synthesis in Archaeology,** Institute of Behavioral Science, University of Colorado Boulder. \$150K gift for center start-up.
- 2021-2024 **National Science Foundation.** (BCS-2121925, Jeffery Clark, PI): *HNDS-I: From Households to Landscapes: Cyberinfrastructure for Interdisciplinary Research in the Ancient American Southwest.* 3-year. \$950K project (\$135K to CU-Boulder). I am a co-PI and co-author of the proposal.

- 2021-2023 **National Science Foundation.** Archaeology Grant (BCS-2122123, Timothy A. Kohler and Amy Bogaard, co-PIs): *The Creation and Division of Wealth and the Long-term Consequences of Inequality*. 2-year, \$200K project. I am the Project Director and co-author of the proposal.
- 2019-2020 **National Science Foundation.** Archaeology Grant (BCS-DDRI-1917229, Kaitlyn E. Davis, co-PI): *Doctoral Dissertation Research: Agricultural Adaptations in Light of Socioeconomic Changes in the Northern Rio Grande*. 2-year, \$20K project.
- 2017-2021 **National Science Foundation.** Data Infrastructure Grant (SMA-1738258): RIDIR: *Collaborative Research: cyberSW: A Data Synthesis and Knowledge Discovery System for Long-term Interdisciplinary Research on Southwest Social Change*. 3-year, \$1.6M project (\$130K to CU Boulder). I am a co-PI and co-author of the proposal.
- 2015-2021 **James S. McDonnell Foundation.** Scholar award in studying complex systems (#220020438): *Spatial aggregation and scaling of human networks in history*. \$450K over six years. I am the PI and author of the proposal. <https://www.jsmf.org/programs/cs/>.
- 2017-2020 **National Science Foundation.** Archaeology Grant (BCS-1729780): *Incorporation and Culture Change as the Result of Culture Contact*. 2-year, \$300K project. I am the PI and author of the proposal.
- 2018 **Arizona Archaeological and Historical Society.** Subvention Grant Program. \$1000 toward publication of “Reframing the Northern Rio Grande Pueblo Economy” by the University of Arizona Press.
- 2015-2017 **Office for Outreach and Engagement (CU Boulder).** *The CU/Pojoaque Youth Culture Camp*. \$8-9K/year to defray expenses associated with the program. I am the co-PI of the project and author of the proposal. <http://outreach.colorado.edu/>.
- 2014 **School for Advanced Research.** Research Team Seminar: *Migration, Group Formation and Economic Development in the Pueblo World*. \$10K support for a three-day seminar held at SAR. I was co-author of the proposal with Timothy A. Kohler. https://sarweb.org/?research_team_short_seminar_pueblo_world-p:2014_seminars.
- 2012-2014 **National Science Foundation.** Archaeology Grant (BCS-1144918): *The Basketmaker Communities Project: Early Pueblo Society in the Mesa Verde region*. 2-year, \$250K project. I was the Senior PI and the author of the proposal.
- 2008 **National Science Foundation.** Doctoral Dissertation Improvement Grant (BCS-0753828): *Genes, Language and Culture in Tewa Ethnogenesis*. Support for dissertation research.
- 1997 **Utah Division of State History.** Grant for support of the research proposal, *Material Culture and Social Interaction at the Hedley Ruins, San Juan County, Utah*.
- 1996 **Arizona State University Research & Development Committee.** Grant for support of the research proposal, *Analysis of Ceramic Design Variation through Time and Space in the Mesa Verde Region*.
- 1996 **Ballantine Family Fund.** Grant for support of the research proposal, *Evolutionary Processes in Art Traditions: An Exploratory Analysis from SW Colorado*.

AWARDS AND HONORS:

- 2021 **Provost’s Faculty Achievement Award**, in recognition of the Social Reactors Project. University of Colorado, Boulder, CO.

- 2016 **Linda S. Cordell Book Prize**, for *Winds from the North: Tewa Origins and Historical Anthropology*. School for Advanced Research, Santa Fe, NM.
- 2015 **External Faculty Appointment**. Santa Fe Institute (reappointed in 2018 and 2021). <http://www.santafe.edu/about/people/group/external-faculty>.
- 2013 **Crow Canyon Archaeological Center Honor Award**. Awarded annually for significant contributions to Crow Canyon's mission.
- 2011 **Society for American Archaeology Dissertation Award**. Awarded annually by the Society for American Archaeology for the outstanding dissertation in archaeology, presented at the 76th Annual Meeting, Sacramento, California.
- 2010 **Don D. and Catherine S. Fowler Prize**. Awarded annually by the University of Utah Press to one book-length, single-author manuscript for excellence in substantive research and quality writing on the human experience in the American West. Awarded for *Genes, Language and Culture in Tewa Ethnogenesis*. <http://www.uofupress.com/fowler-prize.php>.
- 2007 **Society for American Archaeology Student Presentation Award**. Awarded annually by the Society for American Archaeology for the outstanding student presentation at the annual meeting.
- 1995 **Ruppé Student Prize in Archaeology**. Awarded annually by the Department of Anthropology, Arizona State University, for the outstanding student paper in archaeology.
- 1994 **Firestone Medal for Excellence in Research**. Awarded annually by the School of Humanities and Sciences, Stanford University, for outstanding undergraduate theses.

INTERNSHIPS, PART-TIME POSITIONS:

- 2005-2006 **Teaching Associate**, *School of Human Evolution and Social Change, Arizona State University*. ASB 326: Human Impact on Ancient Environments, and ASB 222: Buried Cities and Lost Tribes. Write, administer, and grade exams and papers, hold office hours, deliver lectures.
- 1995-1996 **Assistant Project Director**, *Hedley Pueblo Rescue Project*, Richard Wilshusen, Principal Investigator. Recover architectural and assemblage data from a large, recently vandalized pueblo using electronic survey equipment, planimetric photography, surface collection, and excavation. Supervise and train student interns and public participants.
- 1994-1995 **Assistant Survey Archaeologist**, *Montezuma County Regional Survey and Preservation Project*, William Lipe, Director. Generate topographic/cultural features maps for ancestral Puebloan sites in SW Colorado using photogrammetry, electronic survey equipment, and CAD software. Develop surface ceramic dating techniques. Supervise and train student assistants and lay volunteers.
- 8/93-10/93 **Field Research Intern**, *Crow Canyon Archaeological Center*. Ricky R. Lightfoot, Supervisor. Excavate an ancestral Pueblo site in SW Colorado in conjunction with public education programs.
- 6/93-8/93 **Square Supervisor**, *U.C. Berkeley Tel-Dor Archaeological Expedition*. Andrew Stewart, Director. Supervise and train volunteers, determine stratigraphy, create plan and profile drawings, and prepare primary field records.
- 4/93-6/93 **Teaching Assistant**, *Department of Anthropology, Stanford University*. Anthropology 6: Human Origins. Teach sections, grade papers, and hold office hours.
- 6/89-8/89 **Collections Management Intern**, Smithsonian Institution, National Air and Space Museum. Assist in the preservation of a collection of early experimental jet engines.

PUBLICATIONS:

h-index = 31; i10 index = 57; 2,838 total citations (Google Scholar 1/23/2023)

Books and monographs (4):

Davis, Kaitlyn E. and **Scott G. Ortman** (2021). *The Tewa Community at Tsama Pueblo (LA908): Artifacts from the 1970 Excavations*. Technical Series No. 38, Maxwell Museum of Anthropology, Albuquerque.

Ortman, Scott G., ed. (2019). *Re-Framing the Northern Rio Grande Pueblo Economy*. Anthropological Papers of the University of Arizona 80, University of Arizona Press, Tucson.

Ortman, Scott G. and Joseph Traugott (2018). *Painted Reflections: Isomeric Design in Ancestral Pueblo Pottery*. Museum of New Mexico Press, Santa Fe.

Ortman, Scott G. (2012). *Winds from the North: Tewa Origins and Historical Anthropology*. University of Utah Press, Salt Lake City.

Peer-reviewed journal articles (45):

Smith, Michael E., **Scott G. Ortman**, and José Lobo (2022). Heritage Sites, Climate Change, and Urban Science. *Urban Climate* 101371. <https://doi.org/10.1016/j.uclim.2022.101371>.

Lobo, José, Todd Whitelaw, Luís M. A. Bettencourt, Polly Wiessner, **Scott G. Ortman**, and Michael Smith (2022). Scaling of Hunter Gatherer Camp Size and Human Sociality. *Current Anthropology*. <https://www.journals.uchicago.edu/doi/10.1086/719234>.

Damick, Alison, Rosen, Arlene, and **Ortman, Scott** (2021). Palm springs on the Rio Grande: Insight into Archaic forager plant use from phytoliths recovered from a Late Holocene alluvial section in northern New Mexico. *PLOS ONE* 16(10): e0258231.

Ortman, Scott G. and Zachary J. Cooper (2021). Artifact density and population density in settlement pattern research. *Journal of Archaeological Science: Reports* 39: 103189. <https://www.sciencedirect.com/science/article/pii/S2352409X21004016>.

Sarah E. Klassen, **Scott G. Ortman**, José Lobo, and Damian Evans (2021). Provisioning an Early City: Spatial Equilibrium in the Agricultural Economy at Angkor, Cambodia. *Journal of Archaeological Method and Theory*. <https://doi.org/10.1007/s10816-021-09535-5>.

Sarah E. Klassen, Allison K. Carter, Damian Evans, **Scott G. Ortman**, Miriam T. Stark, A.A. Loyless, M. Polkinghorne, P. Heng, M. Hill, P. Wijker, J. Niles-Weed, G.P. Marriner, C. Pottier, and R. Fletcher (2021). Diachronic modeling of the population within the medieval Greater Angkor Region settlement complex. *Science Advances* 7(19):eabf8441. DOI: 10.1126/sciadv.abf8441.

Smith, Michael E., **Scott G. Ortman**, José Lobo, Claire Ebert, Amy E. Thompson, Keith M. Prufer, Rodrigo Liendo Stuardo, and Robert M. Rosenswig (2021). The Low-Density Urban Systems of the Classic Period Maya and Izapa: Insights from Settlement Scaling Theory. *Latin American Antiquity* 32(1): 120–137.

Ortman, Scott G., José Lobo and Michael E. Smith (2020). Cities: Complexity, Theory and History. *PLOS ONE* 15(12):e0243621.

Ortman, Scott G., Michael E. Smith, José Lobo and Luís M. A. Bettencourt (2020). Why Archaeology is Necessary for a Theory of Urbanization. *Journal of Urban Archaeology* 1(1):151-167.

Altschul, Jeffrey H., Keith W. Kintigh, Mark Aldenderfer, Elise Alonzi, Ian Armit, Juan Antonio Barceló, Christopher S. Beekman, Penny Bickle, Douglas W. Bird, Scott E. Ingram, Elena Isayev, Andrew W. Kandel, Rachael Kiddey, Hélène Timpoko Kienon-Kaboré, Franco Niccolucci, Corey S. Ragsdale, Beth K. Scaffidi and **Scott G. Ortman** (2020). Opinion: To understand how migrations affect human securities, look to the past. *Proceedings of the National Academy of Sciences*:202015146.

- Ortman, Scott G.** and José Lobo (2020). Smithian Growth in a Non-Industrial Society. *Science Advances* 6: eaba5694.
- Hanson, John W. and **Scott G. Ortman** (2020). Reassessing the capacities of entertainment structures in the Roman Empire. *American Journal of Archaeology* 124(3):417-440.
- Bernstein, Bruce and **Scott G. Ortman** (2020). From Collaboration to Partnership at Pojoaque, New Mexico. *Advances in Archaeological Practice* 8(2):95-110. DOI: <https://doi.org/10.1017/aap.2020.3>.
- Lobo, José, Luís M. A. Bettencourt, Michael E. Smith and **Scott G. Ortman** (2020). Settlement Scaling Theory: Bridging the Study of Ancient and Contemporary Urban Systems *Urban Studies* 57(4):731-747.
- Ortman, Scott G.** (2019). A New Kind of Relevance for Archaeology. *Frontiers in Digital Humanities*. doi: 10.3389/fdigh.2019.00016.
- Hanson, John W., **Scott G. Ortman**, Luis M. A. Bettencourt, and Liam C. Mazur (2019). Urban form, infrastructure, and spatial organization in the Roman Empire. *Antiquity* 93(368):702-718.
- Jeffery J. Clark, Jennifer A. Birch, Michelle Hegmon, Barbara J Mills, Donna M. Glowacki, **Scott G. Ortman**, Jeffrey S. Dean, Rory Gauthier, Patrick D. Lyons, Matthew A. Peeples, Lewis Borck, and John A. Ware (2019). Resolving the Migrant Paradox: Two Pathways to Coalescence in the Late Precontact U.S. Southwest. *Journal of Anthropological Archaeology* 53(2019): 262-287.
- Altshul, Jeffrey H., William H. Doelle, Kelley A. Hays-Gilpin, Sarah A. Herr, Keith W. Kintigh, Terry H. Klein, Timothy A. Kohler, Barbara J. Mills, Lindsay M. Montgomery, Margaret C. Nelson, **Scott G. Ortman**, John N. Parker, Matthew A. Peeples, and Jeremy A. Sabloff (2018). Fostering Collaborative Synthetic Research in Archaeology. *Advances in Archaeological Practice* 6(1):19-29.
- Hanson, John W. and **Scott G. Ortman** (2017) A systematic method for estimating the populations of Greek and Roman settlements. *Journal of Roman Archaeology* 30:301-324.
- Hanson, John W., **Scott G. Ortman**, and Jose Lobo (2017). Urbanisation and the division of labour in the Roman Empire. *Journal of the Royal Society Interface* 14(136):1-12.
- Ortman, Scott G.** and Lynda McNeil (2017). The Kiowa Odyssey: Evidence of Historical Relationships Between Pueblo, Fremont and Northern Plains Peoples. *Plains Anthropologist* 2017: 1-23. <http://dx.doi.org/10.1080/00320447.2017.1335533>.
- Altschul, Jeffrey H., Keith W. Kintigh, Terry H. Klein, William H. Doelle, Kelley A. Hays-Gilpin, Sarah A. Herr, Timothy A. Kohler, Barbara J. Mills, Lindsay M. Montgomery, Margaret C. Nelson, **Scott G. Ortman**, John N. Parker, Matthew A. Peeples, and Jeremy A. Sabloff (2017). Fostering synthesis in archaeology to advance science and benefit society. *Proceedings of the National Academy of Sciences of the USA* 114(42): 10999-11002. www.pnas.org/cgi/doi/10.1073/pnas.1715950114.
- Ortman, Scott G.** and Grant D. Coffey (2017). Settlement Scaling in Middle-Range Societies. *American Antiquity* 82(4): 662-682. <https://doi.org/10.1017/aaq.2017.42>.
- Kemp, Brian M., Kathleen Judd, Cara Monroe, Jelmer W. Eerkens, Lindsay Hilldorfer, Connor Cordray, Rebecca Schad, Erin Reams, **Scott G. Ortman**, Timothy A. Kohler (2017). Prehistoric Mitochondrial DNA of Domesticated Animals Supports a 13th century Exodus from the Northern US Southwest. *PLOS ONE* 12(7): e0178882. <https://doi.org/10.1371/journal.pone.0178882>.
- Cesaretti, Rudolf, Jose Lobo, Luis M. A. Bettencourt, **Scott G. Ortman** and Michael E. Smith (2016). Population-Area Relationship for Medieval European Cities. *PLOS ONE* 11(10): e0162678. <http://dx.doi.org/10.1371/journal.pone.0162678>.

- Ortman, Scott G.**, Shanna Diederichs, Kari Schleher, Jerry Fetterman, Marcus Espinosa and Caitlin Sommer (2016). Demographic and Social Dimensions of the Neolithic Revolution in Southwest Colorado. *Kiva* 82(3):232-258.
- Ortman, Scott G.**, Kaitlyn E. Davis, Jose Lobo, Michael E. Smith, Luis M. A. Bettencourt, and Aaron Trumbo (2016). Settlement Scaling and Economic Change in the Central Andes. *Journal of Archaeological Science* 73(2016):94-106.
- Ortman, Scott G.** (2016). Discourse and Human Securities in Tewa Origins. *Archeological Papers of the American Anthropological Association* 27:74-94.
- Wagner, Andreas, **Scott Ortman** and Robert Maxfield (2016). From the primordial soup to self-driving cars: standards and their role in natural and technological innovation. *Journal of the Royal Society Interface* 20151086. <http://dx.doi.org/10.1098/rsif.2015.1086>.
- Schwindt, Dylan M., R. Kyle Bocinsky, **Scott G. Ortman**, Donna M. Glowacki, Mark D. Varien and Timothy A. Kohler (2016). The Social Consequences of Climate Change in the Central Mesa Verde Region. *American Antiquity* 81(1):74-96.
- Ortman, Scott G.**, Andrew H. F. Cabaniss, Jennie O. Sturm and Luis M. A. Bettencourt (2015). Settlement Scaling and Increasing Returns in an Ancient Society. *Science Advances* 1e00066. doi: 10.1126/sciadv.00066.
- Ortman, Scott G.** (2016). Uniform Probability Density Analysis and Population History in the Northern Rio Grande. *Journal of Archaeological Method and Theory* 23(1): 95–126. <http://link.springer.com/article/10.1007/s10816-014-9227-6>.
- Kelsey E. Witt, Kathleen Judd, Colin Grier, Timothy A. Kohler, **Scott G. Ortman**, Brian M. Kemp, Ripan S. Malhi (2014). Analysis of ancient dogs of the Americas: Determining possible founding haplotypes and reconstructing population histories. *Journal of Human Evolution*. doi:10.1016/j.jhevol.2014.10.012.
- Kohler, Timothy A., **Scott G. Ortman**, Katie E. Grundtisch, Carly Fitzpatrick, and Sarah M. Cole (2014). The Better Angels of Their Nature: Declining Conflict Through Time Among Prehispanic Farmers of the Pueblo Southwest. *American Antiquity* 79(3):444-464.
- Ortman, Scott G.**, Andrew H. F. Cabaniss, Jennie O. Sturm and Luis M. A. Bettencourt (2014). The Pre-History of Urban Scaling. *PLOS ONE* 9(2): e87902. <http://dx.plos.org/10.1371/journal.pone.0087902>.
- Kohler, Timothy A., R. Kyle Bocinsky, Denton Cockburn, Stefani A. Crabtree, Mark D. Varien, Kenneth E. Kolm, Schaun Smith, **Scott G. Ortman**, and Ziad Kobti (2012). Modeling Prehispanic Pueblo societies in their ecosystems. *Ecological Modeling*. <http://dx.doi.org/10.1016/j.ecolmodel.2012.01.002>.
- Arakawa, Fumiyasu, **Scott G. Ortman**, M. Steven Shackley, and Andrew I. Duff (2011). Obsidian Evidence of Interaction and Migration from the Mesa Verde Region, Southwest Colorado. *American Antiquity* 76(4):773-795.
- Ortman, Scott G.**, Mark D. Varien, and T. Lee Gripp (2007). Empirical Bayesian methods for archaeological survey data: an application from the Mesa Verde region. *American Antiquity* 72(2):241-272.
- Varien, Mark D., **Scott G. Ortman**, Timothy A. Kohler, Donna M. Glowacki, and C. David Johnson (2007). Historical Ecology in the Mesa Verde Region: Results from the Village Project. *American Antiquity* 72(2):273-300.
- Varien, Mark D. and **Scott G. Ortman** (2005). Accumulations Research in the Southwest United States: middle-range theory for big picture problems. *World Archaeology* 37(1):132-155.

Ortman, Scott G. (2001). On a Fundamental False Dichotomy in Evolutionary Archaeology: Response to Hurt, Rakita, and Leonard. *American Antiquity* 66(4): 744-746.

Lipe, William D. and **Scott G. Ortman** (2000). Spatial Patterning in Northern San Juan Villages, A.D. 1050-1300. *Kiva* 66(1): 91-122.

Ortman, Scott G. (2000). Conceptual Metaphor in the Archaeological Record: Methods and an Example from the American Southwest. *American Antiquity* 65(4): 613-645.

Ortman, Scott G., Donna M. Glowacki, Melissa J. Churchill, and Kristin A. Kuckelman (2000). Pattern and Variation in Northern San Juan Village Histories. *Kiva* 66(1): 123-146.

Wilshusen, Richard H. and **Scott G. Ortman** (1999). Rethinking the Pueblo I Period in the San Juan Drainage: Aggregation, Migration, and Cultural Diversity. *Kiva* 64(3): 369-399.

Peer-reviewed chapters in edited volumes (32):

Ortman, Scott G., Laura L. Scheiber, and Zachary Cooper (2022). Scaling analysis of prehistoric Wyoming camp sites—implications for hunter-gatherer social dynamics. In *Intra-Site Spatial Analysis of Mobile and Semisedentary Peoples: Analytical approaches to reconstructing occupation history*, edited by Amy E. Clark and Joseph A.M. Gingerich, pp. 109-122. University of Utah Press, Salt Lake City.

Shaul, David L. and **Scott G. Ortman** (2021). Linguistic incorporation and native agency in colonial New Mexico. In *Cultural Convergence in New Mexico: honoring William Wroth*, edited by Robin Farwell Gavin and Donna Pierce, pp. 44-59. Museum of New Mexico Press, Santa Fe.

Cruz, Patrick and **Scott G. Ortman** (2021). Kiowa-Tanoan Kin Terms and Ancestral Pueblo Social Organization. In *Engaged Archaeology in the Southwestern United States and Northwestern Mexico*, edited by Kelley Hays-Gilpin, Sarah A. Herr and Patrick D. Lyons, pp. 141-158. University Press of Colorado, Boulder.

Ortman, Scott G. (2020). Bioarchaeology and the Narrative Construction of Tewa Identity. In *Bioarchaeology and Identity Revisited*, edited by Christopher M. Stojanowski and Kelly J. Knudson, pp. 56-84. University Press of Florida, Tallahassee.

Ortman, Scott G. and Grant D. Coffey (2019). The Network Effects of Northern Rio Grande Pueblo Rituals. In *Re-Framing the Northern Rio Grande Pueblo Economy*, edited by Scott G. Ortman, pp. 75-85. *Anthropological Papers of the University of Arizona* 80, University of Arizona Press, Tucson.

Ortman, Scott G. and Kaitlyn E. Davis (2019). Economic Growth in the Pueblos? In *Re-Framing the Northern Rio Grande Pueblo Economy*, edited by Scott G. Ortman, pp. 1-16. *Anthropological Papers of the University of Arizona* 80, University of Arizona Press, Tucson.

Patrick Cruz and **Scott G. Ortman** (2019). Revisiting Settlement Clusters: Political Organization and Economic Cooperation. In *Re-Framing the Northern Rio Grande Pueblo Economy*, edited by Scott G. Ortman, pp. 61-74. *Anthropological Papers of the University of Arizona* 80, University of Arizona Press, Tucson.

Ortman, Scott G. (2018). The Historical Anthropology of Tewa Social Organization. In *Puebloan Societies: Homology and Heterogeneity in Time and Space*, edited by Peter M. Whiteley, pp. 51-74. School of Advanced Research Press, Santa Fe.

Ortman, Scott G., Lily Blair, and Peter N. Peregrine (2018). The Contours of Cultural Evolution. In *The Emergence of Premodern States*, edited by Jerry A. Sabloff and Paula L. W. Sabloff, pp. 185-215. SFI Press, Santa Fe.

Ortman, Scott G. (2018). Cultural Genotypes and Social Complexity. In *The Emergence of Premodern States*, edited by Jerry A. Sabloff and Paula L. W. Sabloff, pp. 219-266. SFI Press, Santa Fe.

- Ortman, Scott G.** (2017). Uniform Probability Density Analysis and Population History: A Test Case at San Marcos. In *Archaeology and History of Pueblo San Marcos: Change and Stability*, edited by A. F. Ramenofsky and K. Schleher, pp. 231-246. University of New Mexico Press, Albuquerque.
- Cameron, Catherine M. and **Scott G. Ortman** (2017). Movement and Migration. *Oxford Handbook of Southwest Archaeology*, edited by Barbara Mills and Severin Fowles. Oxford University Press. DOI: 10.1093/oxfordhb/9780199978427.013.38.
- Ortman, Scott G.** (2016). Why every archaeologist should care about and do population estimates. In *Exploring Cause and Explanation: Historical Ecology, Demography and Movement in the American Southwest*, edited by Cynthia Herhahn and Ann F. Ramenofsky, pp. 103-120. University Press of Colorado.
- Bernhart, Robert and **Scott G. Ortman** (2014). New Evidence of Tewa-style Moiety Organization in the Mesa Verde Region, Colorado. In *Astronomy and Ceremony in the Prehistoric Southwest Revisited: Collaborations in Cultural Astronomy*, edited by G. E. Munson, T. W. Bostwick and T. Hull, pp. 87-100. Anthropological Papers No. 9. Maxwell Museum of Anthropology, Albuquerque.
- Wilshusen, Richard H., **Scott G. Ortman**, Shanna Diederichs, Donna M. Glowacki, and Grant Coffey (2012). Heartland of the Early Pueblos: The Central Mesa Verde. In *Crucible of Pueblos: The Early Pueblo Period in the Northern Southwest*, edited by R. H. Wilshusen, G. Schachner and J. R. Allison, pp. 14-34. Cotsen Institute of Archaeology, UCLA.
- Wilshusen, Richard H., **Scott G. Ortman**, and Ann Phillips (2012). Processions, Leaders and Gathering Places: Changes in Early Pueblo Community Organization as Seen in Architecture, Rock Art and Language. In *Crucible of Pueblos: The Early Pueblo Period in the Northern Southwest*, edited by R. H. Wilshusen, G. Schachner and J. R. Allison, pp. 198-218. Cotsen Institute of Archaeology, UCLA.
- Varién, Mark D., Timothy A. Kohler, and **Scott G. Ortman** (2012). The Mesa Verde Region. Chapter 50 in *The Oxford Handbook of North American Archaeology*, edited by T. R. Pauketat. Oxford University Press.
- Ortman, Scott G.**, Mark D. Varién, Donna M. Glowacki, and C. David Johnson (2012). The study area and the Ancestral Pueblo occupation. In *Emergence and Collapse of Early Villages: Models of central Mesa Verde archaeology*, edited by T. A. Kohler and M. D. Varién, pp. 15-40. University of California Press.
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- Peer-reviewed Publications in Progress:**
- Ortman, Scott G.** and Jeffrey H. Altschul (In Press). What Archaeology Needs to Take Advantage of the Digital Data Revolution. *Advances in Archaeological Practice*.
- Ortman, Scott G.** (In Press). Settlement scaling analysis as social network analysis. In *The Oxford Handbook of Archaeological Network Research*, edited by Tom Brughmans, Barbara J. Mills, Jessica Munson, and Matthew A. Peeples, Oxford University Press, Oxford.
- Ortman, Scott G.** (In Press). Of Cotton Blankets and Bison Hides: Cuyamungue and Plains-Pueblo Exchange. In *Proceedings of the 2018 Southwest Symposium*, Steve Nash and Erin Baxter, editors. University Press of Colorado.
- Ortman, Scott G.** (In Press). What the ancestors can teach us. *Research, Education, and American Indian Partnerships at the Crow Canyon Archaeological Center*, edited by Susan Ryan. University Press of Colorado.

Ortman, Scott G. and John W. Hanson (In Press). Estimating the “missing” houses of Silchester. Accepted for Publication in *Britannia*.

Ortman, Scott G., Olivia Bulik, Rob Wiseman, José Lobo, Luis M. A. Bettencourt, and Lisa Lodwick (Under Review). Transport Costs and Economic Change in Roman Britain. Submitted to *European Journal of Archaeology*.

Bettencourt, Luís M. A., **Scott G. Ortman**, José Lobo (Under Review). Urban Scaling Theory: Answers to Frequent Questions. Submitted to *Environment and Planning B: Environment and Planning B: Urban Analytics and City Science*.

Rob Wiseman, Olivia Bulik, José Lobo, and Lisa Lodwick and **Scott G. Ortman** (Under Review). The Impact of Transportation on Pottery Industries in Roman Britain. Submitted to *Open Archaeology*.

Ortman, Scott G., José Lobo, and Michael E. Smith (Submitted). Urban Allometries in Archaeology: The Social Reactors Project. Submitted to the volume *Urban Scaling: Allometry in Urban Studies and Spatial Science*, edited by Luca S. D’Acci. Routledge Advances in Regional Economics, Science and Policy.

Ortman, Scott G., Jose Lobo, Lisa Lodwick, Rob Wiseman, Olivia Bulik, and Luis M. A. Bettencourt (Submitted). The Emergence of Intensive Growth in a Roman Imperial Province. Submitted to *Journal of Economic History*.

Ortman, Scott G. (In Prep.). An Axial Turn in the Pueblos? Prepared for the Short Seminar, *Reconstructing Ancient Pueblo Histories*, organized by Severin Fowles and Scott G. Ortman. School for Advanced Research, Santa Fe.

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Peregrine, Peter N., **Scott G. Ortman**, and Eric Rupley (2014). Social Complexity at Cahokia. Santa Fe Institute Working Paper 14-03-004. Available: <http://www.santafe.edu/media/workingpapers/14-03-004.pdf>.

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Ortman, Scott G., Erin L. Baxter, Carole L. Graham, G. Robin Lyle, Lew W. Matis, Jamie A. Merewether, R. David Satterwhite, and Jonathan D. Till (2005). *The Crow Canyon Archaeological Center Laboratory Manual, Version 1 [HTML Title]*. Available: <http://www.crowcanyon.org/Research/publications.html>.

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Reviews:

Ortman, Scott G. (2020). Book Review Essay: An Ode to Conference Proceedings from the US Southwest. *Antiquity* 94(377):1360-1362.

Ortman, Scott G. (2019). Coming Together: Comparative Approaches to Population Aggregation and Early Urbanization, edited by Attila Gyucha, 2019. *Human Ecology* (18 Nov 2019) <https://doi.org/10.1007/s10745-019-00118-3>.

Ortman, Scott G. (2019). Landscapes of Social Transformation in the Salinas Province and the Eastern Pueblo World, edited by Katherine A. Spielmann, 2017. *Journal of Anthropological Research* (Spring 2019):136-137.

Ortman, Scott G. (2016). Hopi Katsina Songs, by Kenneth C. Hill, and Dorothy K. Washburn, University of Nebraska Press, 2015. *Journal of Anthropological Research* (Spring 2016):113-115.

Ortman, Scott G. (2015). Constructing community: the archaeology of early villages in central New Mexico, by Alison E. Rautman, University of Arizona Press, 2014. *Antiquity* 89(347):1263-1264.

Ortman, Scott G. (2015). A Pueblo Social History: Kinship, Sodality and Community in the Northern Southwest, by John A. Ware. School for Advanced Research Press, 2014. *American Antiquity* 80(1):207-208.

Ortman, Scott G. (2014). From Mountain Top to Valley Bottom: Understanding past land-use in the Northern Rio Grande valley, New Mexico, edited by Bradley J. Vierra. University of Utah Press, 2013. *Journal of Anthropological Research* 70:468-471.

Ortman, Scott G. (2014). From Prehistoric Villages to Cities: Settlement Aggregation and Community Transformation, edited by Jennifer Birch. Routledge, 2013. *Society for Anthropological Sciences Bulletin*.

Ortman, Scott G. (2012). *The Chaco Experience: Landscape and Ideology at the Center Place*, by Ruth M. Van Dyke. School for Advanced Research Press, 2008. H-Net Reviews in the Humanities and Social Sciences. Available: <https://www.h-net.org/reviews/showpdf.php?id=26381>.

Other Professional Publications:

Ortman, Scott G. (2019). Comment on “Getting Beyond Rites of Passage in Archaeology: Metaphors of JOURNEYS and GROWTH,” by Rob Wiseman. *Current Anthropology* 60(4):466.

Ortman, Scott G. (2016) Perspective: What Difference Does Archaeology Make? *El Palacio* 121(2): 22-23.

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Ortman, Scott G. (2013) Human Securities and Tewa Origins. *The SAA Archaeological Record* 13(5). <http://onlinedigeditions.com/publication/?i=184222>

Ortman, Scott G. (2013). Imagining complex societies. *SFI Bulletin* 27(1):13-17. <http://bulletin.santafe.edu/#5>

Ortman, Scott G. (2013). Google Earth and Landscape Archaeology. In *NewsMac 2013-1*. New Mexico Archaeological Council, Albuquerque.

Ortman, Scott G. (2010). Illuminating relationships between Northern San Juan and Northern Rio Grande identities. *Archaeology Southwest* 24(3). Center for Desert Archaeology, Tucson.

Ortman, Scott G. (2006). Ancient pottery of the Mesa Verde country: how Ancestral Pueblo people made it, used it, and thought about it. In *The Mesa Verde World*, edited by D. G. Noble, pp. 101-110. School of American Research Press, Santa Fe.

Ortman, Scott G. (1999). Using Cognitive Semantics to Discover Continuities between Language and Material Culture: Methods and an Example using Tewa and the Mesa Verde “Anasazi.” *Proceedings of the Affiliation Conference on Ancestral Peoples of the Four Corners Region*, pp. 110-120. Fort Lewis College, Durango, CO.

Meetings/Sessions Organized:

1/5/2023 Human Networks, Sustainable Development, and Lived Experience in a Nonindustrial Society, Project Kick-Off meeting, Center for New Mexico Archaeology, Santa Fe.

11/7-8/2022 Coalition for Archaeological Synthesis Strategic Planning Meeting, Institute of Behavioral Science, CU Boulder.

10/17-21/2022 (with Severin Fowles) “Reconstructing Ancient Pueblo Histories.” Advanced Seminar, School for Advanced Research, Santa Fe.

10/12-14/2022 (with Edward Slingerland) “Coding the Past: The Challenges and Promise of Large-Scale Cultural Databases.” Working Group Meeting, Santa Fe Institute, Santa Fe.

7/25-28/2022 “Productivity and Scaling of Middle-Sized Work Groups.” Project kick-off meeting, Q Station, Albuquerque, New Mexico.

11/18-20/2021 (with Amy Bogaard and Timothy A. Kohler) “The Creation and Division of Wealth and the Long-term Consequences of Inequality: Views from Archaeology.” Project kick-off meeting, University of Oxford, United Kingdom.

4/1/2020 “Beyond Settlement Scaling—Complex Systems in Archaeology.” Symposium at the 2020 Annual Meeting of the Society for American Archaeology, Austin, Texas (CANCELLED DUE TO COVID-19).

- 9/7/2019 (with John Hanson) "Discussing the value and public utility of archaeology." Session 296, 25th Annual Meeting of the European Association of Archaeologists, Bern, Switzerland.
- 5/15-18/2019 (with Jose Lobo) "Integrating Views on Urban Scaling: Foundations, Criticisms, and Extensions." Working group meeting, Santa Fe Institute, Santa Fe.
- 4/13/2019 (with Bruce Bernstein) "From Collaboration to Partnership in Pojoaque, New Mexico." Symposium at the 2019 Annual Meeting of the Society for American Archaeology, Albuquerque, New Mexico.
- 8/22-24/2018 (with Jose Lobo) "Settlement Scaling and the Challenge of Mayan Low-Density Urbanism." Working group meeting, Santa Fe Institute, Santa Fe.
- 4/4-7/2018 (with Jose Lobo) "The Fragility of Growth in the Past." Working group meeting, Santa Fe Institute, Santa Fe.
- 1/4/18 (with Michele Koons) "New Perspectives on Plains-Pueblo Interaction." 16th Biennial Southwest Symposium, Denver Museum of Nature and Science, Denver, CO.
- 10/18-20/17 "Agglomeration economies, past and present." Working group meeting, Santa Fe Institute, Santa Fe.
- 7/18-21/17 (with John W. Hanson) "Urbanization without growth in the ancient world?" Workshop held at the British School at Rome, Italy.
- 4/1/17 "Settlement Scaling in Archaeology: Not Just Modern, Not Just Urban." Symposium at the Society for American Archaeology Annual Meeting, Vancouver, BC.
- 2/7-9/17 "Phase Transitions in Human Sociality." Working group meeting, Santa Fe Institute, Santa Fe.
- 11/10-12/16 Social Reactors Project working group meeting, CU Boulder.
- 8/10-12/2016 Social Reactors Project working group meeting, Santa Fe Institute, Santa Fe.
- 2/6-8/2016 Social Reactors Project working group meeting, CU Boulder.
- 11/19/2015 "Northern Rio Grande Archaeology and Socio-Economic Development?" Symposium at the American Anthropological Association Annual Meeting, Denver, CO.
- 6/9-12/2015 (with Michael E. Smith, Jose Lobo and Luis M. A. Bettencourt) "Settlement Scaling in Pre-modern Societies." Santa Fe Institute Working Group Meeting, Santa Fe, NM.
- 6/17-21/2014 (with Michael E. Smith, Jose Lobo and Luis M. A. Bettencourt) "Settlement Scaling in the Ancient World." Santa Fe Institute Working Group Meeting, Santa Fe, NM.
- 1/6-9/2014 (with Eric Rupley and Jerry Sabloff) "Conceptual Innovation and Major Transitions in Human Societies." Santa Fe Institute Working Group Meeting, Santa Fe, NM.
http://tuvalu.santafe.edu/events/workshops/index.php/Conceptual_Innovation_and_Major_Transitions_in_Human_Societies
- 3/16-20/2014 (with Tim Kohler) "Migration, Group Formation and Economic Development in the Pueblo World." School for Advanced Research Research Team Seminar, Santa Fe, NM.

Conference Presentations:

Davis, Kaitlyn E. and **Scott G. Ortman** (2023) The Tewa Community at Tsama Pueblo (LA908): Artifacts from the 1970 Excavations. Poster Presented at the 2023 Southwest Symposium, January 6-7, Santa Fe, NM.

- Ortman, Scott G.** (2022) An Axial Turn in the Pueblos? Paper prepared for the advanced seminar “Reconstructing Ancient Pueblo Histories,” organized by Severin Fowles and Scott Ortman. School for Advanced Research, Santa Fe, October 17-20, 2022.
- Ortman, Scott G.** and Jeffrey H. Altschul (2022) How to expand the relevance of archaeology. Participant comments in the forum *Archaeology Matters: The Need to Re-define the Relevance of Archaeology*, organized by Eszter Banffy, Martin Carver and Phillip von Rummel. European Association of Archaeologists Annual Meeting, Budapest.
- Ortman, Scott G.**, Jose Lobo, and Michael E. Smith (2022) Macro-archaeology and the Social Reactors Project. Paper presented in the session *Macroarchaeology: Definition, Objectives, and Applications of a New Archaeological Paradigm*, organized by Clemens Schmid and David Matzig. European Association of Archaeologists Annual Meeting, Budapest.
- Fletcher, Roland, Sarah Klassen, Ben Dharmendra, Paul Prevedoros, and **Scott G. Ortman** (2022) Scaling Effects in the Denser Occupation Areas of Greater Angkor: Patterns and Implications. Paper presented in the session, “The Internal Structure of Low-Density Urbanism,” organized by Roland Fletcher and Sarah Klassen. 87th Annual Meeting of the Society for American Archaeology, Chicago, March 30 – April 3, 2022.
- Ortman, Scott G.** (2022) Discussant comments. Presented in the session, “The Internal Structure of Low-Density Urbanism,” organized by Roland Fletcher and Sarah Klassen. 87th Annual Meeting of the Society for American Archaeology, Chicago, March 30 – April 3, 2022.
- Ortman, Scott G.**, Michael E. Smith, and José Lobo (2021). Archaeology, Urban Science and Climate Adaptation. Poster presented at the International Co-Sponsored Meeting on Culture, Heritage and Climate Change, 6-10 December, 2021, Online. ICOMOS, UNESCO, and IPCC, co-sponsors.
- Ortman, Scott G.** (2021). A role for archaeology in climate change adaptation. Presentation at the Interdisciplinary workshop on Climate change, Democracy, and Society, University of Colorado, Boulder, CO, 3 December, 2021.
- Ortman, Scott G.** (2021) House size and income inequality in the present. Presentation at the GINI Project Kick-Off Meeting, St. Peters College, Oxford, 20 November, 2021.
- Ortman, Scott G.** (2021). A role for archaeology in climate change adaptation. Presentation at CUPC Day, Institute of Behavioral Science, University of Colorado, Boulder, CO, 3 November, 2021.
- Ortman, Scott G.** (2021). A role for archaeology in adapting to climate change. Presentation in the Session, “Urban Science: Learning from the past and innovating for the future,” organized by José Lobo. Innovate4Cities Conference, 11-15 October, 2021, Online. IPCC/UN Habitat/Global Covenant of Mayors for Climate and Energy, co-sponsors.
- Ortman, Scott G.**, Olivia Bulik, Rob Wiseman, Lisa Lodwick, and José Lobo (2021). Transport costs and economic development in Roman Britain. Presented in the symposium: Ancient Cultural Routes: Past Transportation as a Two-Way Interaction between Society and Environment, Francesca Mazzilli, Tomáš Glomb, Francesca Fulminante, and Franziska Faupel, organizers. 27th Annual Meeting, European Association of Archaeologists, Kiel Virtual.
- Ortman, Scott G.** (2021). Imagining a “census bureau” for archaeology. Paper presented in the session, “Refining Archaeological Data Collection and Management to Achieve Greater Scientific, Traditional, and Educational Values, organized by Michael Heilen and Shelby Manney. 86th Annual Meeting of the Society for American Archaeology, April 15-17, 2021.

- Ortman, Scott G.** (2021). Discussant comments. Presented in the session, “Regional Settlement Networks Analysis: A Global Comparison,” organized by Marco Nebbia. 86th Annual Meeting of the Society for American Archaeology, April 15-17, 2021.
- Klassen, Sarah A., **Scott G. Ortman**, and Jose Lobo (2021). Increasing returns to agricultural intensification at Angkor, Cambodia. Paper presented in the session, “The Current State of Archaeological Research across Southeast Asia.” 86th Annual Meeting of the Society for American Archaeology, April 15-17, 2021.
- Kintigh, Keith W. and **Scott G. Ortman** (2020). The Center for Collaborative Synthesis in Archaeology, the Coalition for Archaeological Synthesis & the Role of Synthesis in Archaeology. Paper presented in the session, “Collaborative Synthesis: The EAA-SAA Human Migration Projects,” 26th Annual Meeting, European Association of Archaeologists, August 24-30.
- Ortman, Scott G.** (2020) Big Data, Synthesis, and Economic Growth: An Example from Roman Britain. Paper presented in the session, “From Abacus to calculus. Computational approaches to Roman Economy”, Iza Romanowska and Philip Verhagen, organizers. 26th Annual Meeting, European Association of Archaeologists, August 24-30.
- Ortman, Scott G.** (2019) Incorporating native views into archaeology: lessons from Pojoaque. Paper presented in the symposium, “Collaborative Archaeology, Indigenous Archaeology, and Tribal Historic Preservation in the Southwestern United States,” organized by Michael Spears. New Mexico Archaeological Council 2019 Annual Meeting, Albuquerque, New Mexico.
- Ortman, Scott G.** (2019) Proxies We Care About: An Example from Roman Britain. Paper presented in Session 296, “Discussing the value and public utility of archaeology,” organized by John Hanson and Scott G. Ortman. 25th Annual Meeting of the European Association of Archaeologists, Bern, Switzerland.
- Ortman, Scott G.** (2019) Partnership at Cuyamungue. Paper presented in the symposium, “From Collaboration to Partnership in Pojoaque, New Mexico,” organized by Scott G. Ortman and Bruce Bernstein. Society for American Archaeology Annual Meeting, Albuquerque, New Mexico.
- Shaul, David L. and **Scott G. Ortman** (2019) Incorporation of Spanish introductions into Pueblo culture and language. Paper presented in the symposium, “From Collaboration to Partnership in Pojoaque, New Mexico,” organized by Scott G. Ortman and Bruce Bernstein. Society for American Archaeology Annual Meeting, Albuquerque, New Mexico.
- Ortman, Scott G.** and John W. Hanson (2018) Synthesis and the Contemporary Relevance of Archaeology. Paper presented in the symposium, “Advancing archaeological synthesis: Using the past to benefit the future,” organized by Jeff Altschul and Fritz Luth, 24th Annual Meeting of the European Association of Archaeologists, Barcelona, Spain.
- Ortman, Scott G.,** Laura L. Scheiber, and Zachary Cooper (2018) Scaling analysis of prehistoric Wyoming camp sites—implications for hunter-gatherer social dynamics. Paper presented in the session, “Intra-Site Spatial Analysis of Mobile Peoples: Analytical approaches to reconstructing occupation history,” organized by Amy E. Clark and Joseph A.M. Gingerich. Society for American Archaeology Annual Meeting, Washington, DC.
- Ortman, Scott G.** (2018) Re-thinking the Protohistoric Pueblo economy in light of Plains-Pueblo exchange. Paper presented at the Southwest Symposium, Denver, CO.
- Ortman, Scott G.** (2017) Climate and the Mesa Verde Collapse. Presentation in the symposium, “The Coldest Centuries in 8000 Years: The Little Ice Age Causes and Human Consequences.” Center for the Study of Origins Fall Symposium, University of Colorado Boulder.
- Ortman, Scott G.** (2017) Ancient turkey DNA and the Mesa Verde migrations. Paper presented at the Colorado Archaeological Society Annual Meeting, Denver, CO.

- Ortman, Scott G.** (2017) Thinking exponentially—settlement scaling and archaeological data. Paper presented in the Symposium, “Settlement Scaling in Archaeology: Not just modern, not just urban,” organized by Scott G. Ortman. 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC Canada.
- Davis, Kaitlyn E. and **Scott G. Ortman** (2017) Artifact-Based Measures for Scaling Research in the Rio Grande Pueblos. Paper presented in the Symposium, “Settlement Scaling in Archaeology: Not just modern, not just urban,” organized by Scott G. Ortman. 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC Canada.
- Kelsey M. Reese, Molly Iott, Katherine Portman, Donna M. Glowacki, James M. Potter, and **Scott G. Ortman** (2017) Preliminary Pottery Analysis at Cowboy Wash Pueblo: A Central Village on the Ute Piedmont Frontier. Poster presented at 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC Canada.
- Ortman, Scott G.** (2016) The Cross Canyon Stone Circle: age and implications. Paper presented at the 2016 Conference on Cultural Astronomy in the Greater Southwest, Cortez, CO, October 28, 2016.
- Ortman, Scott G.** (2016) Panelist for “Rio Grande Migrations,” moderated by J. Michael Bremer. Archaeological Society of New Mexico Annual Meeting, Santa Fe, NM.
- Ortman, Scott G.** (2016) The Mirror-Image and Tewa Origins. Paper presented in the session, “Deep Histories of the Image in the American Southwest,” organized by Darryl Wilkinson and Severin Fowles. Theoretical Archaeology Group Annual Meeting, Boulder, CO.
- White, Devin A. and **Scott G. Ortman** (2016) Travel Corridors and Economic Integration in the Chacoan Regional System. Paper presented in the symposium, Chaco and Hopewell: Rethinking “Interaction Spheres” Through Multiscalar Network Analyses,” organized by Barbara J. Mills and Alice Wright. Society for American Archaeology Annual Meeting, Orlando, FL.
- Cruz, Patrick and **Scott G. Ortman** (2016) The Implications of Kiowa-Tanoan Kinship Terms for Pueblo Social Organization. Paper presented in the symposium, “Research at the Intersection of Archaeology and Ethnography,” organized by John Ware and Peter Whiteley. 15th Biennial Southwest Symposium, Tucson, AZ.
- Ortman, Scott G.** (2015) Leaving the Lake: Discourses of Reflection in Tewa Origins. Paper presented in the symposium “American Indian Metaphysics,” organized by Severin Fowles. Annual Meeting of the American Anthropological Association, Denver, CO.
- Ortman, Scott G.** (2015) Discussant in the symposium, “The Bioarchaeology of Ethnogenesis: Integrating Theory, Narrative, and Biocultural History,” organized by Matthew C. Velasco. Annual Meeting of the American Anthropological Association, Denver, CO.
- Ortman, Scott G.** (2015) The Historical Anthropology of Tewa Social Organization. Paper presented in the advanced seminar *Pueblo Indian Societies: New Perspectives Across the Subfields*, organized by Peter Whiteley. School For Advanced Research, Santa Fe, NM.
- Ortman, Scott G.** (2015) Panelist in “Preservation on Private Land: The Indian Camp Ranch Case Study,” organized by Kevin Pape. American Cultural Resource Association 21st Annual Meeting, Broomfield, CO. October 2, 2015.
- Ortman, Scott G.** (2015) Uniform Probability Density Analysis and Population History in the Tewa Basin, New Mexico. Paper presented in the symposium, “The Short and the Long of it: combining timescales,” organized by Alasdair Whittle. 80th Annual Meeting of the Society for American Archaeology, San Francisco.

- Davis, Kaitlyn and **Scott G. Ortman** (2015) Transformation in Daily Activity at Tsama Pueblo, New Mexico. Paper presented at the 80th annual meeting of the Society for American Archaeology, San Francisco.
- Johanssen, Lindsay, Sara Cullen, Kaitlyn Davis, Rachel Egan, Chet Walker, Mark Willis, Bruce Bernstein, **Scott Ortman** (2015) Engaged Anthropology at Cuyamungue, New Mexico. Poster Presented at the 80th Annual Meeting of the Society for American Archaeology, San Francisco.
- Ortman, Scott G.** (2014) Novelty in a Pueblo Pottery Tradition. Presentation at the Workshop, "Origins of Novelty in Biological, Social, and Technological Systems: Towards a General Theory of Innovation." Santa Fe Institute, Santa Fe, NM.
- Ortman, Scott G.** (2014) Settlement Scaling in the Archaeological Record. Presentation at the Workshop, "The Principles of Complexity: Life, Scale and Civilization III." Santa Fe Institute, Santa Fe, NM.
- Ortman, Scott G.** (2014) What the Next Models of Archaic State Formation Should Include. Presentation at the Workshop, "The Principles of Complexity: Life, Scale and Civilization III." Santa Fe Institute, Santa Fe, NM.
- Ortman, Scott G.** (2014). Social Development in Pueblo History: Methods and Data from the Village Eco-dynamics Project. Paper presented in the symposium, "Coupled Regions, Coupled Systems: Dynamics of Prehispanic Farming Societies in the northern San Juan and the northern Rio Grande," Timothy A. Kohler and Kelsey M. Reese, organizers. 79th Annual Meeting, Society for American Archaeology, Austin, TX.
- Dylan M. Schwindt, **Scott G. Ortman**, Mark D. Varien, Donna M. Glowacki (2014). Comparative Demography and Population History between the Northern San Juan and Northern Rio Grande (900-1700 CE). Paper presented in the symposium, "Coupled Regions, Coupled Systems: Dynamics of Prehispanic Farming Societies in the northern San Juan and the northern Rio Grande," Timothy A. Kohler and Kelsey M. Reese, organizers. 79th Annual Meeting, Society for American Archaeology, Austin, TX.
- Donna M. Glowacki, J. Michael Bremer, **Scott G. Ortman**, Grant Coffey, and Rory Gauthier (2014). Aggregation in the North and South: Comparing the VEP Study Areas. Paper presented in the symposium, "Coupled Regions, Coupled Systems: Dynamics of Prehispanic Farming Societies in the northern San Juan and the northern Rio Grande," Timothy A. Kohler and Kelsey M. Reese, organizers. 79th Annual Meeting, Society for American Archaeology, Austin, TX.
- Diederichs, Shanna, **Scott G. Ortman**, Virginia Wolf and Grant Coffey (2014). The Invention of Community in the Mesa Verde Region. Paper Presented in the Symposium, "The Role of Public Architecture in the Prehispanic American Southwest," Susan Ryan, organizer. 79th Annual Meeting, Society for American Archaeology, Austin, TX.
- Ortman, Scott G.** and David L. Shaul (2014). The Historical Anthropology of Tewa Social Organization. Paper presented in the symposium, "The Present in the Past: Rethinking Ethnographic Analogies in Puebloan Social Formations," organized by Peter Whiteley. Annual Meeting of the Society for Anthropological Sciences, Albuquerque, NM.
- Ortman, Scott G.**, Andrew Cabaniss, Jennie Sturm and Luis Bettencourt (2014). Urban Scaling in Pre-Hispanic Central Mexico. Paper presented in the symposium, Current Research on Social Evolution at the Santa Fe Institute, organized by Peter Peregrine. Annual Meeting of the Society for Anthropological Sciences, Albuquerque, NM.
- Ortman, Scott G.** (2014). Evidence of Historical Relationships between Pueblo and Fremont Peoples. Presented in the session, "Identity and Interaction in the Northern Frontier," at the 14th Southwest Symposium, Las Vegas, NV.
- Ortman, Scott G.** (2014). Conceptual Innovations and Major Transitions. Presented in the Working Group meeting, "Conceptual Innovation and Major Transitions in Human Societies," Santa Fe Institute, Santa Fe.

- Ortman, Scott G.** (2014). Bowls to Gardens in the Emergence of Tewa Towns. Presented in the Working Group meeting, “Conceptual Innovation and Major Transitions in Human Societies,” Santa Fe Institute, Santa Fe.
- Ortman, Scott G.,** Andrew Cabaniss, Jennie Sturm, and Luis Bettencourt (2013). Urban Scaling in Prehispanic Central Mexico. Paper presented in the symposium, “Complex Systems Approaches to Long-term Change,” organized by Scott Ortman and Jeremy Sabloff. 112th Annual Meeting, American Anthropological Association, Chicago, IL.
- Ortman, Scott G.** (2013). Settlement Scaling in the Ancient World. Presentation at the workshop: “Principles of Complexity: Life, Scale and Civilization,” Santa Fe Institute, Santa Fe, NM.
- Ortman, Scott G.** (2013). Cahokia in a Global Context. Presentation at the working group meeting, “Social Complexity at Cahokia,” Santa Fe Institute, Santa Fe, NM.
- Ortman, Scott G.** (2013). Discourse and Human Security in Tewa Origins. Paper presented in the symposium, “The Archaeology of the Human Experience”, organized by Michelle Hegmon. 78th Annual Meeting of the Society for American Archaeology, Honolulu.
- Diederichs, Shanna, **Scott G. Ortman**, Mark D. Varien and Kari L. Schleher (2013). The Neolithic Revolution in the Pueblo World: New Evidence from the Basketmaker III Period in Southwestern Colorado. Paper presented in the Symposium, “Community Studies in Archaeology: Ways Forward,” organized by Scott Johnson. 78th Annual Meeting of the Society for American Archaeology, Honolulu.
- Grundtisch, Katie, E., **Scott G. Ortman**, Timothy A. Kohler, and Carly Fitzpatrick (2013). Population Dynamics and Warfare in the Northern Rio Grande Region. Paper presented at the 78th Annual Meeting of the Society for American Archaeology, Honolulu.
- Reese, Kelsey M., R. Kyle Bocinsky, Addy Donyina, Donna M. Glowacki, and **Scott G. Ortman** (2013). What are Communities, Really? Paper presented at the 78th Annual Meeting of the Society for American Archaeology, Honolulu.
- Ortman, Scott G.** (2013). Basketmaker III as an Example of Culture Area Formation. Presentation at the Big Meeting at Crow Canyon, Cortez, CO.
- Sabloff, Jerry, Laura Fortunato, Paul Hooper, **Scott Ortman**, Eric Rupley and Paula Sabloff (2012). Modeling the emergence of primary states: a complexity theory approach. Roundtable discussion, 111th Annual Meeting of the American Anthropological Association, San Francisco, CA.
- Schwindt, Dylan M., **Scott G. Ortman**, and Mark D. Varien (2012). The Village Ecodynamics Project (VEP): Modeling Settlement Dynamics in the VEP North Study Area. Poster presented at the 85th Pecos Conference, Pecos, New Mexico.
- Cabaniss, Andrew, **Scott G. Ortman**, and Luis Bettencourt (2012). Perceiving Urban Scaling in Archaeological Data. Presentation at the Workshop, “The Principles of Complexity: Life, Scale, and Civilization,” August 6-8, Santa Fe Institute, Santa Fe.
- Ortman, Scott G.** and Lily Blair (2012). Expanding the Atlas of Cultural Evolution. Presentation at the Workshop, “The Principles of Complexity: Life, Scale, and Civilization,” August 6-8, Santa Fe Institute, Santa Fe.
- Ortman, Scott G.** (2012). What is a cultural genotype? Poster Presented at the Annual Science Board Meeting, May 3-5, Santa Fe Institute, Santa Fe.
- Ortman, Scott G.** (2012). Precipitation, Temperature and Settlement in the Village Ecodynamics Project Study Areas. Paper presented in the symposium, “What Role did Changing Temperatures Play in the Success of

- North American Farming Societies in the last Prehispanic Millennium?", organized by Timothy A. Kohler. 77th Annual Meeting of the Society for American Archaeology, Memphis.
- Varien, Mark D., **Scott G. Ortman**, Donna M. Glowacki and Dylan M. Schwindt (2012). Ancestral Puebloan Settlement in Southwestern Colorado, AD 600-1280. Paper presented in the symposium, "Socio-natural Systems in the U.S. Southwest: A Village Ecodynamics Project Progress Report," organized by Stefani Crabtree and Scott G. Ortman. 77th Annual Meeting of the Society for American Archaeology, Memphis.
- Coffey, Grant L., **Scott G. Ortman**, Samuel Duwe and Reilly Murphy (2012). The Built Environment and Economic Exchange in the Northern Rio Grande study area. Paper presented in the symposium, "Socio-natural Systems in the U.S. Southwest: A Village Ecodynamics Project Progress Report," organized by Stefani Crabtree and Scott G. Ortman. 77th Annual Meeting of the Society for American Archaeology, Memphis.
- Ortman, Scott G.** (2012). Why everyone should care about and do population estimates. Paper presented in the session, "Approaching Convergence in Archaeological Demography," organized by Jeremy Kulisheck, 13th Southwest Symposium, University of New Mexico, Albuquerque.
- Bernhardt, Robert and **Scott G. Ortman** (2011). Evidence of moiety organization at Jackson's Castle, Southwest Colorado. Paper presented at the Conference on Archaeoastronomy of the American Southwest, Albuquerque.
- Ortman, Scott G.** (2011). Pottery style and the Mesa Verde migration: new evidence from Tsama Pueblo, New Mexico. Paper presented in the symposium, "Beyond Pottery Types: Reconsidering Ceramic Design and Technology in the American Southwest," 76th Annual Meeting of the Society for American Archaeology, Sacramento.
- Mark D. Varien, Paul Ermigiotti, Timothy A. Kohler, **Scott G. Ortman**, and Leigh Kuwanwisiwma (2011). Assessing Agricultural Paleoproductivity in Southwestern Colorado: Results of the Pueblo Farming Project. Paper presented at the 76th Annual Meeting of the Society for American Archaeology, Sacramento.
- Ortman, Scott G.** (2011). Kiowa Odyssey: Evidence of a Colorado Plateau origin of the Kiowa speech community. Presented at the Big Meeting at Crow Canyon, Cortez, CO.
- Ortman, Scott G.** (2011). Why we need to work on Basketmaker III Chronology. Paper presented at the Big Meeting at Crow Canyon, Cortez, CO.
- Ortman, Scott G.** (2010). Kiowa Odyssey: Evidence of a Colorado Plateau origin of the Kiowa speech community. Paper presented at the 32nd Great Basin Anthropological Conference, Layton, Utah.
- Ortman, Scott G.** (2010). Discussant comments for the symposium, "It Takes a Village: Multi-Scalar Investigations of Fremont Communities," 32nd Great Basin Anthropological Conference, Layton, Utah.
- Ortman, Scott G.** (2010). Population history and population movement between the VEP study areas. Paper presented in the symposium, "The Village Ecodynamics Project II," 75th Annual Meeting of the Society for American Archaeology, St. Louis.
- Wolverton, Steve, **Scott G. Ortman**, Shaw Badenhorst, and Lisa Nagaoka (2010). Assessing VEP productivity predictions with zooarchaeological relative abundance data in the Mesa Verde region. Paper presented in the symposium, "The Village Ecodynamics Project II," 75th Annual Meeting of the Society for American Archaeology, St. Louis.
- Wilshusen, Richard H. and **Scott G. Ortman** (2010). Big Gatherings to Big Pueblos: Using Architecture, Rock Art, and Linguistics to Study Organizational Change in the Early Pueblo World. Poster presented at the 75th Annual Meeting of the Society for American Archaeology, St. Louis.

- Ortman, Scott G.** (2009). On the dual nature of metaphor and the archaeology of worldview. Paper presented in the Amerind Foundation Advanced Seminar “Religious Ideologies in the Pueblo Southwest, AD 1250 to 1540,” organized by Donna M. Glowacki and Scott Van Keuren, Dragoon, AZ.
- Ortman, Scott G.** (2008). Bowls to Gardens: A History of Tewa Community Metaphors. Paper presented in the symposium, “Tension and Transition: Religious Ideologies in the Pueblo Southwest, A.D. 1250-1450,” 73rd Annual Meeting of the Society for American Archaeology, Vancouver.
- Ortman, Scott G.** (2008). Evidence Suggestive of a Mesa Verde Homeland for the Tewa Pueblos. Paper presented in the Amerind Foundation Advanced Seminar “New Light on the 13th Century Depopulation of the Northern Southwest,” organized by Timothy A. Kohler, Mark D. Varien, and Aaron Wright, Dragoon, AZ.
- Ortman, Scott G.** and Catherine M. Cameron (2008). A Framework for Controlled Comparisons of Ancient Southwestern Movement. Paper presented at the Eleventh Biennial Southwest Symposium, Tempe.
- Ortman, Scott G.,** Richard H. Wilshusen, Shanna Diederichs, and Grant L. Coffey (2007). The Central Mesa Verde region. Paper presented at the Early Pueblo World Conference, Towaoc, CO.
- Ortman, Scott G.** (2007). Population Biology of the Four Corners to Rio Grande Migration. Paper presented in the symposium, “New Light on the Thirteenth-century Depopulation of the Northern Southwest,” 72nd Annual Meeting of the Society for American Archaeology, Austin.
- Ortman, Scott G.** (2007). Action, Space and Place in the Castle Rock Community. Paper presented at the Annual Archaeology Graduate Student Conference, “Structure, Agency and Identity in the Southwestern United States,” Stanford University, Stanford, CA.
- Ortman, Scott G.** (2005). Mapping out the world of the Lower Sand Canyon Community. Paper presented in the symposium, “The Web of Life: Structure, Agency, and Identity in ancient Pueblo Communities,” 70th Annual Meeting of the Society for American Archaeology, Salt Lake City.
- Ortman, Scott G.** and Mark D. Varien (2004). An Empirical Bayesian model for the evolution of settlement patterns in the central Mesa Verde region. Presented at the Workshop, “Modeling Long-Term Culture Change,” organized by Timothy A. Kohler and Sander van der Leeuw, The Santa Fe Institute, Santa Fe.
- Mark D. Varien, **Scott G. Ortman,** Donna M. Glowacki, and C. David Johnson (2004). Settlement History and Population Dynamics in the Central Mesa Verde Region. Paper presented in the symposium, *Biocomplexity Across Sociopolitical Scales*, 69th Annual Meeting of the Society for American Archaeology, Montreal.
- Ortman, Scott G.** (2004). Architectural Metaphor and Cultural Identity in the Northern San Juan and Chaco Basin. Paper presented at the Ninth Biennial Southwest Symposium, Chihuahua City, Mexico.
- Ortman, Scott G.** (2003). Using Cognitive Semantics to Relate Mesa Verde Archaeology to Modern Pueblo Languages. Paper presented in the symposium, “Archaeology, Oral Tradition, and Language in Mutual Support: Southwestern USA and Northern Mexico,” 5th World Archaeological Congress, Washington, DC.
- Ortman, Scott G.** (2003). Metaphors of identity: expressions of Ancestral Pueblo ideology in pottery, textiles, architecture, and language. Paper presented in the symposium, “Converging Identities: Approaching Cultural Identity Using Multiple Data Classes,” 68th Annual Meeting of the Society for American Archaeology, Milwaukee.
- Ortman, Scott G.,** Mark D. Varien, and Michael G. Spitzer (2003). Changing Settlement Patterns in the Central Mesa Verde Region: The Site Database. Paper presented in the symposium, *Building Models for Settlement Systems in the Late Prehispanic Mesa Verde Region: An Interdisciplinary Approach*, 68th Annual Meeting of the Society for American Archaeology, Milwaukee.

- Ortman, Scott G.** (2002). The Container Cosmos of Mesa Verde Puebloans. Paper presented at the 67th Annual Meeting of the Society for American Archaeology, Denver.
- Potter, James M. and **Scott G. Ortman** (2002). Community and Cuisine in the Prehispanic American Southwest. Paper presented at the Eighth Biennial Southwest Symposium, Tucson.
- Glowacki, Donna M. and **Scott G. Ortman** (2001). Distance Analysis of Mesa Verde Black-on White Designs among Mesa Verde Communities. Paper presented at the 66th Annual Meeting of the Society for American Archaeology, New Orleans.
- Lipe, William D. and **Scott G. Ortman** (1999). Big Sites and the Big Picture: Regional Patterns of Village Organization. Paper presented in the symposium, "Public Archaeology in Ancient Pueblos: Recent Research on Mesa Verde Region Communities, A.D. 900-1300," 64th Annual Meeting of the Society for American Archaeology, Chicago.
- Ortman, Scott G.,** Donna M. Glowacki, Melissa M. Churchill, and Kristin A. Kuckelman (1999). Pattern and Variation in the Histories of Mesa Verde Communities. Paper presented in the symposium, "Public Archaeology in Ancient Pueblos: Recent Research on Mesa Verde Region Communities, A.D. 900-1300," 64th Annual Meeting of the Society for American Archaeology, Chicago.
- Ortman, Scott G.** (1998). The Textile Metaphor in Mesa Verde Pottery Painting. Paper presented in the symposium, "Ritual, Ideology, and Symbolism in the Prehistoric American Southwest," 63rd Annual Meeting of the Society for American Archaeology, Seattle.
- Ortman, Scott G.** (1998). Using Cognitive Semantics to Discover Continuities between Language and Material Culture: Methods and an Example Using Tewa and the Mesa Verde "Anasazi". Paper presented in the workshop, "General Methodological Concerns Regarding Affiliation," at the Conference on Eastern Anasazi Cultural Affiliation, Fort Lewis College, Durango, Colorado.
- Ortman, Scott G.** (1996). Contextual Analysis of Corn Grinding Facilities in the Pueblo Southwest, A.D. 1150-1550. Paper presented at the 61st Annual Meeting of the Society for American Archaeology, New Orleans.

Cultural Resource Management Reports:

- Ortman, Scott G.** and Richard H. Wilshusen (1996). Letter Report of Salvage-Based Research by Crow Canyon Archaeological Center at Hedley Ruins (42SA22760), San Juan County, Utah, with Recommendations for Site Management and Protection. Report on file, The Archaeological Conservancy and CCAC.
- Cartier, Robert, Jason Bass, and **Scott Ortman** (1993). *The Archaeology of the Guadalupe Corridor*. Santa Clara, CA: Santa Clara County Archaeological Society.
- Cartier, Robert, Kim Holanda, Mike Kelley, **Scott Ortman**, and Elena Reese (1993). *Cultural Resource Evaluation of the San Juan Valley Golf Course in the City of San Juan Bautista, County of San Benito*. MS on file, CA Archaeological Site Inventory, Rohnert Park.
- Ortman, Scott G.** (1993). Osteological Analyses. In Cartier, R., J. Bass, and S. Ortman. *The Archaeology of the Guadalupe Corridor*. Santa Clara, CA: Santa Clara County Archaeological Society.
- Ortman, Scott G.** (1993). Mortuary Variability and Social Structure. In Cartier, R. (ed.) *The Saunders Site: Mnt-391. A Littoral Site of the Early Period*. Scotts Valley, CA: Scotts Valley Historical Society.

Museum Exhibits

- 2/6/22 - 3/12/23 Painted Reflections: Isomeric Design in Ancestral Pueblo Pottery (Joseph Traugott, Tony Chavarria, and **Scott G. Ortman**, co-curators). Museum of Indian Arts and Culture, Museum of New Mexico. <https://www.indianartsandculture.org/current/?&eventID=4916>.

Lectures (complete from 2007):

- 7/19/2022 K'uuyemugeh as a center place. Albuquerque Archaeological Society monthly meeting speaker, Albuquerque, New Mexico.
- 4/24/2022 K'uuyemugeh as a center place. Conversation4Exploration webinar series, The Cuyamungue Institute, New Mexico.
- 4/1/2022 Painted Reflections: A Virtual Symposium for New Understandings of Ancestral Pueblo Art (Panelist). Museum of Indian Arts and Culture, Museum of New Mexico, Virtual Symposium. <https://www.youtube.com/watch?v=VsoO1rraKls>.
- 3/3/2022 Partnership Archaeology at K'uuyemugeh. Colloquium speaker, Simon Fraser University, Burnaby, British Columbia.
- 2/3/2022 The Social Reactors Project: Human Settlements and Networks in History. UoL Evolutionary Anthropology Webinar Series. <https://www.youtube.com/watch?v=MlmPUkABuP8>.
- 9/23/2021 K'uuyemugeh as a center place. Discovering Archaeology Webinar Series, Crow Canyon Archaeological Center. <https://www.youtube.com/watch?v=VWA3hADs0Yc>.
- 9/23/2020 Coming Together: Pueblo History in the Pojoaque Area. Scholar Colloquium, School for Advanced Research. <https://www.youtube.com/watch?v=s3LSsRsCnhY>.
- 3/6/2020 (with Elizabeth Dickey and Woody Aguilar) Mesa Verde: Current Questions and Debates in the Discipline of Southwest Archaeology. Public event, Center of Southwest Studies, Fort Lewis College, Durango, CO.
- 2/13/2020 (with Elizabeth Dickey and Woody Aguilar) Mesa Verde: Current Questions and Debates in the Discipline of Southwest Archaeology. Public event, CU Museum of Natural History, Boulder, CO.
- 1/22/2020 (with Joseph Traugott) Painted Reflections: Isomeric Design in Ancestral Pueblo Pottery. Book signing event, The Boulder Bookstore, Boulder, CO.
- 1/24/2020 (with Joseph Traugott) Painted Reflections: Isomeric Design in Ancestral Pueblo Pottery. Book signing event, Tattered Cover Bookstore, Denver, CO.
- 10/10/2019 Partnership at Pojoaque. Monthly lecture, Indian Peaks Chapter of the Colorado Archaeological Society, Boulder, CO.
- 5/14/2019 (with Joseph Traugott) Painted Reflections: Isomeric Design in Ancestral Pueblo Pottery. Book signing event, Collected Works, Santa Fe, NM.
- 5/13/2019 (with Joseph Traugott) Painted Reflections: Isomeric Design in Ancestral Pueblo Pottery. Southwest Seminars, Santa Fe, NM.
- 5/9/2019 A Unified Approach to Agglomeration Effects. CUPC Day, CU Denver, Denver, CO.
- 4/12/2019 (with Joseph Traugott) Painted Reflections: Isomeric Design in Ancestral Pueblo Pottery. Book signing event, Albuquerque Bookworks, Albuquerque, NM.
- 4/8/2019 From Collaboration to Partnership with the Pueblo of Pojoaque. Center for Native American and Indigenous Studies Brown Bag Presentation, Boulder, CO.
- 11/8/2018 Agglomeration and Human Networks in History. Institute for Behavioral Science Speaker Series Lecture, Boulder, CO.

- 9/26/2018 (with Joseph Traugott) Painted Reflections: Isomeric Design in Ancestral Pueblo Pottery. Archaeological Institute of American Monthly Lecture, Boulder, CO.
- 9/18/2018 Climate and the Mesa Verde collapse. 19th Annual Energy Forum, Rocky Mountain Association of Energy Engineers, Denver, CO.
- 6/26/2018 Re-thinking 17th Century New Mexico. Mesa Prieta Petroglyph Association Monthly Lecture, Onate Center, Alcalde, NM.
- 4/5/2018 Settlements and human networks, past and present. Lunchtime Colloquium, Santa Fe Institute, Santa Fe, NM. <https://www.youtube.com/watch?v=FaCDmsYzpwE>.
- 2/16/2018 The Social Reactors Project: Human Settlements and Networks in History. Brown bag talk, Department of Anthropology, University of Wyoming, Laramie, WY.
- 6/19/2017 Spanish Impact on Pueblos: Re-Thinking 17th Century New Mexico. Southwest Seminars lecture, Santa Fe, NM.
- 3/17/2017 The Social Reactors Project: Human Settlements and Networks in History. Brown bag talk, Department of Anthropology, CU Boulder.
- 1/20/2017 Scalar Effects of Human Networks: Archaeological Evidence. Department of Anthropology, University of Georgia, Athens, GA.
- 11/16/2016 Scalar Effects of Human Networks: Archaeological Evidence. School of Human Evolution and Social Change, Arizona State University, Tempe, AZ.
- 11/15/2016 Re-thinking 17th-Century New Mexico. Archaeology Café Speaker, Archaeology Southwest, Phoenix, AZ.
- 10/28/2016 The Mirror-Image and Tewa Origins. Banquet speaker, 2016 Conference on Cultural Astronomy in the Greater Southwest, Cortez, CO.
- 9/26/2016 Discourse and Human Securities in Tewa Origins. Presentation for the seminar series, “Undocumented Stories,” Departments of History and Anthropology, Columbia University, NY.
- 9/12/2016 The Magic of Social Networking, Past and Present. Denver Chapter of the Colorado Archaeological Society monthly meeting, Denver, CO.
- 6/8/2016 Re-thinking the 17th Century in New Mexico. Four Corners Lecture Series, Crow Canyon Archaeological Center, Cortez, CO.
- 4/28/2016 The Magic of Social Networking, Past and Present. Guest speaker, Hisatsinom Chapter of the Colorado Archaeological Society monthly meeting, Cortez, CO.
- 2/18/2016 Recent Settlement Pattern Research. Formative Americas Working Group presentation, University of California, Los Angeles, CA.
- 11/4/2015 Imagining Social Complexity. Social Psychology Brown Bag speaker, Department of Psychology, CU Boulder.
- 10/30/2015 Winds from the North: making sense of Tewa origins. Anthropology Department Speaker Series, Colorado College, Colorado Springs., CO.
- 10/24/2015 The Magic of Social Networking, Past and Present. AIA International Archaeology Day Speaker, CU Boulder.

- 6/23/2015 Winds from the North: making sense of Tewa origins. Public lecture, Dixon Public Library, Dixon, NM.
- 4/27/2015 Northern Pueblos in the Rio Grande Area. Indian Peaks Chapter, Colorado Archaeological Society, Boulder, CO.
- 9/27/2014 The Invention of Community in the US Southwest. Keynote address, Colorado Archaeological Society Annual Meeting, Colorado Springs, CO.
- 9/12/2014 Winds from the North: Resolving one of the Great Mysteries in American Archaeology. "History Behind the Headlines" monthly lecture, Boulder, CO.
- 6/16/2014 Urban Scaling and Social Complexity. Complex Systems Summer School Lecture, Santa Fe Institute, Santa Fe, NM.
- 6/16/2014 What the Pueblos Can Teach Us About Economic Development. Southwest Seminars Lecture: http://www.southwestseminars.org/SWS/History_2014.html.
- 10/2/2013 Winds from the North: Resolving one of the Great Mysteries in American Archaeology. AIA Monthly Lecture, University of Colorado Museum, Boulder, CO.
- 9/16/2013 Winds from the North: Resolving one of the Great Mysteries in American Archaeology. CEO College Santa Fe, Santa Fe, NM.
- 7/29/2013 Population History of the VEP II Study Areas. VEP II Public Meeting, Crow Canyon Archaeological Center, Cortez, CO.
- 7/29/2013 Why Did Towns Emerge? VEP II Public Meeting, Crow Canyon Archaeological Center, Cortez, CO.
- 6/20/2013 Culture and the Accumulation of Social Complexity. Complex Systems Summer School Lecture, Santa Fe Institute, Santa Fe, NM.
- 6/1/2013 The Invention of Community. Lecture in the seminar, "Pueblo Culture Takes Root," Smithsonian Institution Resident Associates Program, Washington, D.C.
- 4/15/2013 Culture and the Accumulation of Social Complexity. Southwest Seminars Lecture. http://www.southwestseminars.org/SWS/Ancient_Sites_II-2013.html.
- 3/21/2013 Culture and the Accumulation of Social Complexity. Complex Systems Spring Lecture Series, University of Alaska, Anchorage. <http://www.uaa.alaska.edu/complexsystems/events/2013-lectures-and-seminars.cfm>.
- 3/20/2013 Winds from the North: Resolving one of the great mysteries in American Archaeology. Complex Systems Spring Lecture Series, University of Alaska, Anchorage. <http://www.uaa.alaska.edu/complexsystems/events/2013-lectures-and-seminars.cfm>.
- 2/23/2013 Archaeology's potential for science and society. Santa Fe Institute, Santa Fe, NM.
- 1/10/2013 Diversity and Complexity in US Southwest Archaeology. Chimney Rock Interpretive Association Monthly Meeting Speaker, Pagosa Springs, CO.
- 10/9/2012 Winds from the North: Resolving one of the great mysteries of American Archaeology. Taos Archaeological Society Monthly Meeting Speaker, Taos, NM.

- 9/23/2012 Tewa Origins and Fremont Affiliations. Utah Rock Art Research Association Symposium Keynote Speaker, Vernal, Utah.
- 9/12/2012 Reading Ancient Minds: Metaphor, Culture and Complexity. SFI Community Lecture, Santa Fe, NM. <http://www.santafe.edu/research/videos/play/?id=7dc51616-e97a-488b-8973-0f4400a6eacb>
- 5/1/2012 Winds from the North: Unraveling one of the great mysteries of American Archaeology. Public Lecture, Hisatsinom Chapter, Colorado Archaeological Society, Cortez, CO.
- 3/26/2012 Reconstructing elements of ancient cultures. Guest lecture in the course *Principles of Archaeology*, Washington State University, Pullman, WA.
- 3/26/2012 Winds from the North: Unraveling one of the great mysteries of American Archaeology. Anthropology Graduate Organization Visiting Scholar Lecture, Department of Anthropology, Washington State University, Pullman, WA.
- 3/23/2012 Winds from the North: Unraveling one of the great mysteries of American Archaeology. Keynote Address, 2012 Annual Meeting, Colorado Council of Professional Archaeologists, Durango, CO.
- 3/22/2012 Winds from the North: Unraveling one of the great mysteries of American Archaeology. Public Lecture in the series *Telluride Unearthed*, Telluride History Museum, Telluride, CO.
- 11/17/2011 Mesa Verde, the Rio Grande, and Human Diversity. Sally and David Jackman Anthropology Lecture Series Lecture, Wichita State University, Wichita, Kansas.
- 11/18/2011 Steps Toward a Cognitive Science of Prehistory. Sally and David Jackman Anthropology Lecture Series Lecture, Wichita State University, Wichita, Kansas.
- 5/23/2011 Complexity in Archaeology. Lecture in the mini-course, "Exploring Complexity in Science and Technology from a Santa Fe Institute Perspective," University of New Mexico, Albuquerque, NM.
- 5/13/2011 Panelist at the public forum, "In the Center of What? Perspectives on Aztec from Outside the Animas." Aztec Ruins National Monument, Aztec, NM.
- 5/9/2011 Tewa Origins and Human Diversity. Southwest Seminars Lecture, Santa Fe, NM. http://www.southwestseminars.org/SWS/Ancient_Sites_II_2011.html.
- 4/15/2011 Steps Toward a Cognitive Science of Prehistory. Presentation at the Annual Science Board Symposium, Santa Fe Institute, Santa Fe, NM. <http://www.santafe.edu/research/videos/play/?id=94861850-de36-4314-917b-a37a6f2ea954>
- 3/19/2011 Linking the Pueblo Past to the Pueblo Present. Lecture in the all-day seminar, "Leaving Mesa Verde: A 13th Century American Mystery," Smithsonian Institution Resident Associates Program, Washington, D.C.
- 2/17/2011 Ethnogenesis and Human Diversity. School for Advanced Research Colloquium, Santa Fe, NM.
- 8/12/2010 The Original Pueblo Revolt: Mesa Verde, A.D. 1280. San Juan Basin Archaeological Society, Fort Lewis College, Durango, CO.
- 5/20/2010 The Original Pueblo Revolt: Mesa Verde, A.D. 1280. Telluride History Museum, Telluride, CO.
- 5/14/2010 The Original Pueblo Revolt: Mesa Verde, A.D. 1280. Aztec Ruins National Monument, NM.
- 3/17/2010 The Original Pueblo Revolt: Mesa Verde, A.D. 1280. Presented at the monthly meeting of the Colorado Archaeological Society, Chipeta Chapter, Montrose, CO.

- 3/1/2010 Tewa Ethnogenesis and Cultural Selection. Santa Fe Institute, Santa Fe, NM.
- 9/11/2009 Guest lecturer for the graduate seminar *Migration in Late Southwestern Prehistory*, David Abbott, instructor. School of Human Evolution and Social Change, ASU, Tempe, AZ.
- 9/3/2009 Archaeology, Oral Tradition, and the Mesa Verde Migration. Four Corners Public Lecture Series, Crow Canyon Archaeological Center, Cortez, CO.
- 2/4/2009 Guest lecturer for the graduate seminar *Migration in Archaeology*, Catherine Cameron, instructor. Department of Anthropology, University of Colorado, Boulder.
- 2/2/2009 Bowls to Gardens: Pueblo Metaphor and Movement. University of Colorado Museum, University of Colorado, Boulder.
- 5/5/2008 Genes, Language and Culture in Tewa Ethnogenesis. Peabody Museum, Harvard University, Cambridge, MA.
- 11/16/2007 Mesa Verde and the Tewa Language. Northern New Mexico College, Espanola, New Mexico.
- 2/20/2007 Getting Inside Their Heads: Metaphorical Expressions in Mesa Verde Material Culture. Department of Anthropology, University of Colorado, Boulder.
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- 9/10/2012 Reading Ancient Minds: Metaphor, Culture and Complexity. Radio Interview, Santa Fe Radio Café. <http://www.santaferadiocafe.org/podcasts/?p=3030>
- 6/6/2012 PBS filming TV series at dig site near Crow Canyon, by Kimberly Benedict. *Cortez Journal*. <http://www.cortezjournal.com/article/20120606/NEWS01/706069949/PBS-filming-TV-series-at-dig-site-near-Crow-Canyon>.
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Mentoring

UG Research Assistant Mentor: Olivia Bulik (2020-2021), Victoria Harbison (2021-2022), Emma Nalls (2023).

UG Honors Thesis Advisor: Connor Ball, Spencer Burke, Claudia Escue (Summa Cum Laude, 2017), Erika Powell (Summa Cum Laude, 2020), Catrin Wright (Summa Cum Laude, 2020).

UG Honors Thesis Committee Member: Sebastian Elverskog (Cum Laude, Environmental Science, 2020).

MA Chair: Jacey Bonavia (MSc, Museum and Field Studies, 2015), Zachary Cooper (MA 2018), Patrick Cruz (MA 2018), Samantha Linford (MA 2018).

MA Committee Member: Tessa Branyan (MA 2018), Kaitlyn Davis (MA 2017), Jennifer Deats (MA 2017), Marcus Espinosa (Museum and Field Studies, MSc 2015), Megan Murphy (MA 2019), Anna Schneider (MA 2016), Heather Seltzer (MA 2017), Scarlett Engle (MA 2020), Erik Jurado (MA 2021).

Ph.D. Committee Member: Mark Travers (PhD, Psychology, 2015), Erin Baxter (PhD 2016), Kathryn Putsavage (PhD 2015), Rachel Egan (PhD, 2019), Jessica Hedgepeth-Balkin (PhD, 2020), Devin Pettigrew (PhD 2021), Erik Jurado, Kelsey Hoppes, Scarlett Engle, Katherine McGuire, Caitlin Mc Shane (Geography).

Ph.D. Committee Chair: Kaitlyn Davis (PhD 2022), Robert Weiner, Zachary Cooper, Patrick Cruz, Brent Andrews.

Postdoctoral Mentor: John W. Hanson (2016-2018); Kenneth Vernon (2022-2024).

Placements: Kaitlyn Davis (Principal, PaleoWest Archaeology); John Hanson (Lecturer, University of Oxford).

Faculty Mentor: Samantha Fladd (2022-); Lauren Hosek (2022-)

Service

J. I. Staley Prize Committee, School for Advanced Research, 2023.

Primary Unit Evaluation Committee for the Reappointment of William Taylor, 2022.

Center Representative, Institute of Behavioral Science Board of Directors, 2022-2024.

Department of Anthropology, Archaeology representative to the graduate committee, 2022-2023.

Search Committee Member, Institute of Behavioral Science position in Population Health, 2022.

Inaugural Director, Center for Collaborative Synthesis in Archaeology, Institute of Behavioral Science, 2020-

Associate Editor for Anthropology and Archaeology, *Science Advances*, 2020-

Program Reviewer, Brigham Young University Department of Anthropology, 2020.

Anthropology Department Climate Committee chair, 2019-2020.

Society for American Archaeology Task Force on Sharing Public Outcomes of CRM, 2019.

Anthropology Department Climate Committee member, 2017-2019.

Museum of Natural History/Department of Anthropology, Archaeology Curator Search Committee, 2017-2019.

Hosted Distinguished Lecturer in Archaeology Severin Fowles, February, 2017.

Department of Anthropology, Archaeology representative to the graduate committee, 2016-2017.

Department Climate Ad-Hoc Committee member, 2016-2017.

Inclusive Excellence Ad-Hoc Committee member, Spring, 2016.

Board Member, Boulder Chapter of the Archaeological Institute of America, 2015-present.

Professional Activities Evaluation Committee Member, Smithsonian Institution National Museum of Natural History, May, 2015.

Hosted Distinguished Lecturer in Archaeology John W. Ives, January, 2015.

Board member, Southwest Symposium, 2012-2016.

Mentored Andrew Cabaniss, Research Experiences for Undergraduates Intern, SFI, Summer, 2012.

Omidyar Fellow Selection Committee, Santa Fe Institute, 2012, 2013.

Complex Systems Summer School Application Review, Santa Fe Institute, 2013.

Peer reviewer: National Science Foundation, National Geographic Society, School for Advanced Research Press, *Science Advances*, *American Antiquity*, *Antiquity*, *American Anthropologist*, *Current Anthropology*, *Kiva*, *Cambridge Archaeological Journal*, *Journal of Archaeological Method and Theory*, *Journal of Computer Applications in Archaeology*, *The Holocene*, *Journal of Archaeological Research*, *Journal of Archaeological Science*, *Time & Mind*, *Utah Archaeology*, *Quaternary Research*, *Reviews in Colorado Archaeology*, *Advances in Archaeological Practice*, *Sustainable Cities and Society*, *PLOS ONE*, *Geophysical Research Letters*.

Courses taught at the University of Colorado Boulder:

Fall 2022	ANTH 4000/5000: Quantitative Methods in Anthropology
Spring 2022	ANTH 1120: Pueblo Indians of the Southwest
Fall 2021	ANTH 5460: Archaeology in Contemporary Society
Spring 2020	ANTH 1120: Pueblo Indians of the Southwest
Spring 2020	ANTH 7030: Graduate Seminar in Archaeology: Settlement Patterns
Fall 2019	ANTH 4000/5000: Quantitative Methods in Anthropology
Spring 2019	ANTH 1120: Pueblo Indians of the Southwest
Fall 2018	ANTH 4245: Ceramics in Archaeology
Fall 2018	ANTH 5460: Archaeology in Contemporary Society
Summer 2018	ANTH 4350: Archaeological Field and Laboratory Research
Spring 2018	ANTH 1120: Pueblo Indians of the Southwest
Fall 2017	ANTH 4000/5000: Quantitative Methods in Anthropology
Summer 2017	ANTH 4350: Archaeological Field and Laboratory Research
Spring 2017	ANTH 1135: Exploring a Non-Western Culture: Pueblo Indians of the Southwest
Fall 2016	ANTH 4020/5020: Topics in Anthropology: Ceramics in Archaeology
Summer 2016	ANTH 4350: Archaeological Field and Laboratory Research
Spring 2016	ANTH 1135: Exploring a Non-Western Culture: Pueblo Indians of the Southwest
Fall 2015	ANTH 4020/5020: Topics in Anthropology: Archaeology and Language
Spring 2015	ANTH 7030: Graduate Seminar in Archaeology: The Rio Grande and Beyond
Spring 2015	ANTH 1135: Exploring a Non-Western Culture: Pueblo Indians of the Southwest
Fall 2014	ANTH 5460: Archaeology in Contemporary Society
Fall 2014	ANTH 4020: Topics in Anthropology: Economic Anthropology
Spring 2014	ANTH 1135: Exploring a Non-Western Culture: Pueblo Indians of the Southwest
Spring 2014	ANTH 4020/5020: Topics in Anthropology: Ceramics in Archaeology

Outreach activities

- 8/2015-3/2020 **IPCAS Volunteer lab program.** I worked with volunteers from the Indian Peaks Chapter of the Colorado Archaeological Society one afternoon per week to analyze legacy collections from Northern Rio Grande archaeological sites.
- 6/2014-18 **CU/Pojoaque Youth Culture Camp.** Collaborative archaeology program involving CU students and Tewa Pueblo community members.

One-week travel-study courses taught through Crow Canyon Archaeological Center

- 8/2017 Pueblo-Kiowa Connections. Cultural Exploration (with Tessie Naranjo and Dane Poolaw).
- 5/2013 The Southern Tewa Experience. Cultural Exploration (with Tessie Naranjo and Porter Swentzell).
- 6/2012 Kiowa Odyssey. Chairman's Council Program (with Larry Loendorf and Dewey Tsonetekoy).
- 10/2011 The Southern Tewa Experience. Chairman's Council Program (with Tessie Naranjo and Porter Swentzell).
- 9/2010 Tewa Origins: Migration from the Mesa Verde Region to the Northern Rio Grande. Cultural Exploration (with Tessie Naranjo and Porter Swentzell).
- 5/2010 Tewa Origins: Migration from the Mesa Verde Region to the Northern Rio Grande. Cultural Exploration (with Tessie Naranjo and Porter Swentzell).
- 10/2009 Tewa Origins: Migration from the Mesa Verde Region to the Northern Rio Grande. Chairman's Council Program (with Tessie Naranjo and Porter Swentzell).

PROFESSIONAL MEMBERSHIPS:

American Association for the Advancement of Science, Society for American Archaeology, European Association of Archaeologists, Arizona Archaeological and Historical Society, New Mexico Archaeological Council, Archaeological Institute of America, Register of Professional Archaeologists, Coalition for Archaeological Synthesis, Sigma XI.

PROFESSIONAL REFERENCES:

- Michelle Hegmon: SHESC, ASU, Tempe, AZ 85287. (602) 965-6213. michelle.hegmon@asu.edu
- Tim Kohler: Dept. of Anth., WSU, Pullman, WA 99164. (509) 335-2100. tako@wsu.edu
- Jerry Sabloff: SFI, 1399 Hyde Park Road, Santa Fe, NM 87501. (505) 984-5500. jsabloff@santafe.edu
- Doug Erwin: NMNH, PO Box 37012, MRC 121, Washington, DC 20013. (202) 633-1324. erwind@si.edu
- Luis Bettencourt: Mansueto Institute, U. Chicago. bettencourt@chicago.edu
- Keith Kintigh: SHESC, ASU, Tempe, AZ 85287. (480) 206-4570. kintigh@asu.edu
- Betsy Brandt: SHESC, ASU, Tempe, AZ 85287. (602) 965-6213. betsy.brandt@asu.edu
- Art Joyce: Dept. of Anth., CU Boulder, CO 80309. (303) 735-3055. arthur.joyce@colorado.edu
- Cathy Cameron: Dept. of Anth., CU Boulder, CO 80309. (303) 956-8660. catherine.cameron@colorado.edu
- Myron Gutmann: IBS, CU Boulder, CO 80309. (303) 492-9569. myron.gutmann@colorado.edu
- Jeff Altschul: SRI Foundation, Albuquerque, NM (520) 906-2555. jhaltschul@canelogroup.net