

Matthew A. Peeples, PhD

May 2026



✉ Matthew.Peeples@asu.edu  mattpeeples.net  [mpeeples2008](https://github.com/mpeeples2008)  [PattMeeples](https://twitter.com/PattMeeples)  [Google Scholar](https://scholar.google.com/citations?user=...)
 <https://orcid.org/0000-0003-4496-623X>

School of Human Evolution & Social Change
Arizona State University
PO Box 872402
Tempe, AZ 85287-2402

Office: SHESC 102 [[map](#)]
Lab: SHESC 155
Phone: 480-727-3482

Education

- 2011 Ph.D. in Anthropology, Arizona State University
- 2006 M.A. in Anthropology, Arizona State University
- 2003 B.A. in Anthropology, University of Texas at Austin, *Summa cum laude* and special departmental honors

Professional Appointments and Affiliations post-PhD

- 2026- Professor, School of Human Evolution & Social Change, ASU
- 2019-2026 Associate Professor, School of Human Evolution & Social Change, ASU
- 2018- Director, Center for Archaeology and Society, ASU
- 2015- Research Associate, Archaeology Southwest, Tucson, AZ
- 2015-2019 Assistant Professor, School of Human Evolution & Social Change, ASU
- 2015-2018 Research Director, Center for Archaeology and Society, ASU
- 2012-2015 Preservation Archaeologist, Archaeology Southwest, Tucson, AZ
- 2011-2012 Postdoctoral Research Associate, School of Anthropology, University of Arizona and Archaeology Southwest

Additional ASU affiliations: Center for Social Dynamics and Complexity, Institute for Social Science Research

RESEARCH



Research Interests

Archaeology in the U.S. Southwest and Mexican Northwest; archaeological data integration and re-use; social networks and network science in archaeology; quantitative methods in archaeology; social identity and material culture; chemical characterization (NAA, XRF); regional archaeological preservation planning; NAGPRA compliance; collections-based research

Publications

Student and post-doctoral advisee co-authors underlined

See mattpeeples.net/pubs/ for PDFs and links to data and code associated with these publications

Peer-Reviewed Books:

In press **Peeples, Matthew A.**, Caitlin Wichlacz, Matthew Pailles, and Katherine Dungan (editors).

Thinking Big: Expanding the Scope and Looking to the Future of Archaeology in the Southwest/Northwest. University Press of Colorado, Boulder.

2024 Brughmans, Tom, Barbara J. Mills, Jessica Munson, and **Matthew A. Peeples** (editors). *The Oxford Handbook of Archaeological Network Research*, Oxford University Press, Oxford, UK.

<https://academic.oup.com/edited-volume/55357>

2023 Brughmans, Tom and **Matthew A. Peeples** *Network Science in Archaeology*. Cambridge Manuals in Archaeology. Cambridge University Press, Cambridge, UK.

Online companion to Archaeological Network Science by **Peeples** and Brughmans (2023).

<https://book.archnetworks.net>

2018 **Peeples, Matthew A.** *Connected Communities: Networks, Identity, and Social Change in the Ancient Cibola World*. University of Arizona Press, Tucson.

2021: paperback edition

More info: <https://uapress.arizona.edu/book/connected-communities>

Peer-Reviewed Journal Articles:

2025 Kroot, Matthew A., **Mathew A. Peeples**, Laurene Montero, and Lindsey Vogel-Teeter. Developing the Arizona State University Field School Program at S'edav Va'aki Museum. *Journal of Arizona Archaeology* 11(2).

2025 Duff, Andrew I., Nancy M. Mahoney, Suzanne L. Eckert., **Mathew A. Peeples**, and Keith W. Kintigh. Chacoan Great House Communities, Ritual Landscapes, and the H-Spear Site. *Kiva* 91(3):335-350.

2025 Ruth, Alissa, Cindi SturtzSreetharan, Melissa Beresford, Alexandra Brewis, Shauna B. BurnSilver, Christopher R. Caseldin, Caitlin Drummond Otten, Emir Estrada, Daniel J. Hruschka, Elisabeth Ilboudo Nébié, Megan Jehn, Kelly J. Knudson, Matthew V. Kroot, Jonathan N. Maupin, Kostalena Michelaki, Christopher Morehart, Robin G. Nelson, **Matthew A. Peeples**, Kathryn L. Ranhorn, Michael E. Smith, Christopher M. Stojanowski, Amber Wutich, Abigail M. York. Online Student Engagement in Social Science Research Laboratories: Expert Advice on the Opportunities and Challenges. *Scholarship and Practice of Undergraduate Research* 8(4): <https://doi.org/10.18833/spur/8/4/4>

2024 Chase, Adrian, April Kamp Whittiker, and **Matthew A. Peeples**. Archaeologies of People and Space: Social Network Analysis of Communities and Neighborhoods in Spatial Context. *Journal of Anthropological Archaeology* 75:101607

2023 Roberts, John M., Jr., Emily Dorshorst, Yi Yin, **Matthew A. Peeples**, Ronald L. Breiger, and Barbara J. Mills. Sampling variability and centrality score comparisons in archaeological

- network analysis: A case study of the San Pedro Valley, Arizona. *Journal of Archaeological Science: Reports* 51:104100.
- 2023 **Peeples, Matthew A.** and Robert J. Bischoff. Archaeological networks, community detection, and critical scales of interaction in the U.S. Southwest/Mexican Northwest *Journal of Anthropological Archaeology* 70:101511
- 2023 Crawford, Katherine, Angela Huster, **Matthew A. Peeples**, Nicolas Gauthier, Michael E. Smith, Abigail York, and Daniel Lawrence. A systematic approach for studying the persistence of settlements in the past. *Antiquity* 97(391):213-230.
- 2022 Giomi, Evan, Barbara J. Mills, Leslie D. Aragon, Benjamin A. Bellorado, **Matthew A. Peeples**. Reading Between the Lines: The Social Values of Dogoszhi-style in the Chaco World. *American Antiquity* 87(1):100-123.
- 2021 Flower, Carolyn, Wendy C. Hodgson, Andrew M. Salywon, Brian S. Maitner, Brian J. Enquist, **Matthew A. Peeples**, and Benjamin Blonder. Human food use increases plant geographic ranges in the Sonoran Desert. *Global Ecology and Biogeography* 30(7):1461-1473.
- 2021 Smith, Michael E., Jose Lobo, **Matthew A. Peeples**, Abigail M. York, Benjamin W. Stanley, Katherine A. Crawford, Nicolas Gauthier, Angela C. Huster. The Persistence of Ancient Settlements and Urban Sustainability. *Proceedings of the National Academy of Sciences* 118(20):e2018155118.
- 2021 Roberts, John M., Jr., Yi Yin, Emily Dorshorst, **Matthew A. Peeples**, Barbara J. Mills. Assessing the Performance of the Bootstrap in Simulated Assemblage Networks. *Social Networks* 65:98-109.
- 2021 Hegmon, Michelle, Will G. Russell, Kendall Baller, **Matthew A. Peeples**, and Sarah Striker. The Social Significance of Mimbres Painted Pottery in the US Southwest. *American Antiquity* 86(1):23-42.
- 2020 **Peeples, Matthew A.**, Emily Fiocoprile, Alonzo Beatty, Katrina Lewis, Madeline Jo Maiorella, Ruby Sainz, Garrett Stanely, Kevin Stevens, and Maya Street. "Have You Heard the One About the Punic Ship in the Sonoran Desert?" A Case Study in Addressing Archaeological Misinformation. *Journal of Arizona Archaeology* 7(2):111-124.
- 2020 Strawhacker, Colleen, Grant Snitker, **Matthew A. Peeples**, Ann P. Kinzig, Keith W. Kintigh, Kyle Bocinsky, Brad Butterfield, Jacob Freeman, Sarah Oas, Margaret C. Nelson, Jonathan A. Sandor, and Katherine A. Spielmann. A Landscape Perspective on Climate-Driven Risks to Food Security: Exploring the Relationship between Climate and Social Transformations in the Prehispanic U.S. Southwest. *American Antiquity* 85(3):427-451.
- 2020 Kintigh, Keith W. and **Matthew A. Peeples**. Estimating Population Growth Rates and Instantaneous Population from Periodized Settlement Data. *Journal of Computer Applications in Archaeology* 3(1):197-209.
- 2019 **Peeples, Matthew A.** Finding a Place for Networks in Archaeology. *Journal of Archaeological Research*. 27(4):451-499.

- 2019 Jeffrey J. Clark, Jennifer Birch, Michelle Hegmon, Barbara J. Mills, Donna Glowacki, Scott Ortman, Jeffery S. Dean, Rory Gauthier, Patrick D. Lyons, **Matthew A. Peeples**, Lewis Borck, and John Ware. Resolving the Migrant Paradox: Two Pathways to Coalescence in the Late Precontact U.S. Southwest. *Journal of Anthropological Archaeology* 53:262–287.
- 2019 Giomì, Evan and **Matthew A. Peeples**. Network Analysis of Intrasite Material Networks and Ritual Practice at Pueblo Bonito. *Journal of Anthropological Archaeology* 53(1):22–31.
- 2018 Hegmon, Michelle and **Matthew A. Peeples**. The Human Experience of Social Transformations: Insights from Comparative Archaeology. *PLoS One* 13(11):e0208060.
- 2018 Mills, Barbara J., **Matthew A. Peeples**, Leslie Aragon, Benjamin Bellorado, Jeffrey J. Clark, Evan Giomì, and Thomas C. Windes. Evaluating Chaco Migration Scenarios Using Dynamic Social Network Analysis. *Antiquity* 92(364):922–939.
- 2018 Katherine A. Dungan and **Matthew A. Peeples**. Public Architecture as Performance Space in the Prehispanic Central Southwest. *Journal of Anthropological Archaeology* 50:12–26.
- 2018 Kintigh, Keith W, Katherine A. Spielmann, Adam Brin, K. Selçuk Candan, Tiffany Clark, and **Matthew A. Peeples**. Data Integration in the Service of Synthetic Research. *Advances in Archaeological Practice* 6(1):30–41.
- 2018 Altschul, Jeffery 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. Fostering Collaborative Synthetic Research in Archaeology. *Advances in Archaeological Practice* 6(1):19–29.
- 2017 Altschul, Jeffery 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. Opinion: Fostering Synthetic Research in Archaeology. *Proceedings of the National Academy of Sciences* 114(42):10999–11002.
- 2017 Brughmans, Tom and **Matthew A. Peeples**. Trends in Archaeological Network Research: A Bibliometric Analysis. *Journal of Historical Network Research* 1(2017):1–24.
- 2016 **Peeples, Matthew A.**, Jeffrey J. Clark, William H. Doelle, Andy Laurenzi, and Barbara J. Mills. The Big Picture: The National Historic Preservation Act and Regional Syntheses in the U.S. Southwest. *Journal of Arizona Archaeology* 4(1):1–9.
- 2016 Spielmann, Katherine, **Matthew A. Peeples**, Donna M. Glowacki, and Andrew Dugmore. Early Warning Signals of Social Transformation: A Case Study from the US Southwest. *PLoS One* 11(10):e0163685.
- 2016 Mills, Barbara J., Jeffrey J. Clark, and **Matthew A. Peeples**. Migration, Skill, and the Transformation of Social Networks in the Prehispanic Southwest. *Economic Anthropology* 3:203–215.

- 2016 Hegmon, Michelle, Jacob Freeman, Keith W. Kintigh, Margaret C. Nelson, Sarah Oas, **Matthew A. Peeples**, and Andrea Torvinen. Marking and Making Difference: Representational Diversity in the U.S. Southwest. *American Antiquity* 81(2):253-272.
- 2016 Nelson, Margaret C., Scott E. Ingram, Andrew J. Dugmore, Richard Streeter, **Matthew A. Peeples**, Thomas H. McGovern, Michelle Hegmon, Jette Arneborg, Keith W. Kintigh, Seth Brewington, Katherine A. Spielmann, Ian A. Simpson, Colleen Strawhacker, Laura E.L. Comeau, Andrea Torvinen, Christian K. Madsen, George Hambrecht, and Konrad Smiarowski. Climate Challenges, Vulnerabilities, and Food Security. *Proceedings of the National Academy of Sciences* 113(2):298-303.
- 2015 Freeman, Jacob, **Matthew A. Peeples**, and John M. Anderies. Toward a Theory of Non-linear Transitions from Foraging to Farming. *Journal of Anthropological Archaeology* 40:109-122.
- 2015 Bernardini, Wesley and **Matthew A. Peeples**. Sight Communities: The Social Significance of Shared Visual Landmarks. *American Antiquity* 80(2):215-235.
- 2015 Hill, J. Brett, **Matthew A. Peeples**, Deborah H. Huntley, H. Jane Carmack. Spatializing Social Network Analysis in the Precontact U.S. Southwest. *Advances in Archaeological Practice* 3(1):63-77.
- 2015 Mills, Barbara J., **Matthew A. Peeples**, William R. Haas, Jr., Lewis Borck, Jeffery J. Clark, and John M. Roberts, Jr. Multiscalar Perspectives on Social Networks in the Late Prehispanic Southwest. *American Antiquity* 80(1):3-24.
- 2015 Borck, Lewis, Barbara J. Mills, **Matthew A. Peeples**, and Jeffery J. Clark. Are Social Networks Survival Networks? An Example from the Late Prehispanic Southwest. *Journal of Archaeological Method and Theory* 22(1):33-57.
- 2014 Ownby, Mary F., Deborah L. Huntley, and **Matthew A. Peeples**. A Combined Approach: Using NAA and Petrography to Examine Ceramic Production and Exchange in the American Southwest. *Journal of Archaeological Science* 52:152-162.
- 2013 Laurenzi, Andrew, **Matthew A. Peeples**, and William H. Doelle. Cultural Resources Priority Area Planning in Sub-Mogollon Arizona and New Mexico. *Advances in Archaeological Practice* 1(2):61-76.
- 2013 **Peeples, Matthew A.** and W. Randall Haas, Jr. Brokerage and Social Capital in the Prehispanic U.S. Southwest. *American Anthropologist* 115(2):232-246.
- 2013 **Peeples, Matthew A.** and John M. Roberts, Jr. To Binarize or Not to Binarize: Relational Data and the Construction of Archaeological Networks. *Journal of Archaeological Science* 40(7):3001-3010.
- 2013 Mills, Barbara J., Jeffery J. Clark, **Matthew A. Peeples**, W. R. Haas, Jr., John M. Roberts, Jr., J. Brett Hill, Deborah L. Huntley, Lewis Borck, Ronald L. Breiger, Aaron Clauset, M. Steven Shackley. The Transformation of Social Networks in the Late Pre-Hispanic U.S. Southwest. *Proceedings of the National Academy of Sciences* 110(15):5785-5790.
- 2012 **Peeples, Matthew A.**, and Gregson Schachner. Refining Correspondence Analysis-Based Ceramic Seriation of Regional Data Sets. *Journal of Archaeological Science* 39(8):2818-2827.

- 2011 Nelson, Margaret C., Stephanie Kulow, **Matthew A. Peeples**, Michelle Hegmon, and Ann Kinzig. Resisting Diversity: A Long-term Archaeological Study. *Ecology and Society* 16(1):article 25.
- 2011 Spielmann, Katherine A., Margaret C. Nelson, Scott E. Ingram, and **Matthew A. Peeples**. Sustainable Small-Scale Agriculture in Semi-Arid Environments. *Ecology and Society* 16(1):article 26.
- 2008 Hegmon, Michelle, **Matthew A. Peeples**, Ann Kinzig, Stephanie Kulow, Cathryn M. Meegan, and Margaret C. Nelson. Social Transformation and its Human Costs in the Prehispanic U.S. Southwest. *American Anthropologist* 110(3):313-324.
- 2008 **Peeples, Matthew A.** Creating Political Authority: The Role of the Antebellum Black Press in the Political Mobilization and Empowerment of African Americans. *Journalism History* 34(2):76-86.
- 2006 **Peeples, Matthew A.**, C. Michael Barton and Steven Schmich. Resilience Lost: Intersecting Landuse and Landscape Dynamics in the Prehistoric Southwestern U.S. *Ecology and Society* 11(2):article 22.
- 2003 **Peeples, Matthew A.** An Analysis of Projectile Points from the Chytka Site (41JK66), Jackson County, Texas. *La Tierra: Journal of the Southern Texas Archaeological Association* 30(1):37-63.
- 2003 **Peeples, Matthew A.** Mano a Mano: Grinding Implements from Colha, Belize. *Mono y Conejo: Journal of the Mesoamerican Archaeological Research Laboratory* 1(1):31-35.

Peer-Reviewed Book Chapters:

- 2024 Munson, Jessica, Barbara J. Mills, Tom Brughmans, and **Matthew A. Peeples**. Anticipating the Next Wave of Archaeological Network Research. In *The Oxford Handbook of Archaeological Network Research*, Oxford University Press, Oxford, UK.
- 2024 Mills, Barbara J. and **Matthew A. Peeples**. Migration and Archaeological Network Research. In *The Oxford Handbook of Archaeological Network Research*, Oxford University Press, Oxford, UK.
- 2024 **Peeples, Matthew A.**, John M. Roberts, Jr., and Yi Yin. Challenges for Network Research in Archaeology. In *The Oxford Handbook of Archaeological Network Research*, Oxford University Press, Oxford, UK.
- 2024 **Peeples, Matthew A.**, Jessica Munson, Barbara J. Mills, and Tom Brughmans. Introduction. In *The Oxford Handbook of Archaeological Network Research*, Oxford University Press, Oxford, UK.
- 2022 **Peeples, Matthew A.** and Gregson Schachner. Building Pueblo Communities from Scratch. In *A Gift for Passion and Detail: Linda Cordell, Archaeology, and Beyond*, edited by Maxine McBrinn and Deborah L. Huntley, pp. 65-74., Museum of New Mexico Press, Santa Fe.
- 2021 **Peeples, Matthew A.**, Wesley Bernardini, Lyle Balenquah, and Kellam Throgmorton. Connections and Boundaries. In *Becoming Hopi: A History*, edited by Wesley Bernardini, Stewart B. Koyiyumptewa, Gregson Schachner, and Leigh Kuwanwisiwma, University of Arizona Press, Tucson.

- 2021 Bernardini, Wesley, **Matthew A. Peeples**, Leigh Kuwanwisiwma, and Gregson Schachner. Reconstructing Population in the Context of Migration. In *Becoming Hopi: A History*, edited by Wesley Bernardini, Stewart B. Koyiyumptewa, Gregson Schachner, and Leigh Kuwanwisiwma, University of Arizona Press, Tucson.
- 2020 Brughmans, Tom and **Matthew A. Peeples**. Spatial Networks. In *Archaeological Spatial Analysis: A Methodological Guide*, edited by Mark Gillings, Piraye Haciguzeller, and Gary Lock, Taylor and Francis, London.
- 2019 Mills, Barbara J. and **Matthew A. Peeples**. Reframing Diffusion through Social Network Theory. In *Interaction and Connectivity in the Greater Southwest*, edited by Karen G. Harry and Barbara Roth. University Press of Colorado, Boulder.
- 2018 **Peeples, Matthew A.** and Barbara J. Mills. Frontiers of Marginality and Mediation in the U.S. Southwest: A Social Networks Perspective. In *Life Beyond the Boundaries: Constructing Identity in Edge Regions of the North American Southwest*, edited by Karen Harry and Sarah Herr, pp. 25-56. University Press of Colorado, Boulder, CO.
- 2017 **Peeples, Matthew A.**, Gregson Schachner, and Keith W. Kintigh. The Cibola/Zuni Region. In *The Oxford Handbook of Southwest Archaeology*, edited by Barbara J. Mills and Severin Fowles, pp. 445-460. Oxford University Press, Oxford.
- 2016 Hegmon, Michelle, Jerry B. Howard, Michael O'Hara, and **Matthew A. Peeples**. Path Dependence and the Long-term Trajectory of Prehistoric Hohokam Irrigation in Arizona. In *The Archaeology of Entanglement: Entwinements and Entrapments of the Past*, edited by Lindsay Der and Francesca Fernandini. Pp. 173-190. Left Coast Press, Walnut Creek, CA.
- 2016 **Peeples, Matthew A.**, Barbara J. Mills, W. R. Haas, Jr., Jeffery J. Clark, and John M. Roberts., Jr. Analytical Challenges for the Application of Social Network Analysis in Archaeology. In *The Connected Past: Challenging Networks in Archaeology and History*, edited by Tom Brughmans, Anna Collar, and Fiona Coward. pp. 59-84. Oxford University Press, Oxford.
- 2015 Torvinen, Andrea L., Michelle Hegmon, Ann P. Kinzig, Margaret C. Nelson, **Matthew A. Peeples**, Karen G. Schollmeyer, Colleen Strawhacker, Laura Swantek. Transformation without Collapse: Two Cases from the American Southwest. In *Archaeological Perspectives on Resilience, Revitalization, and Reorganization in Complex Societies: Proceedings of the 29th Annual SIU Visiting Scholars Conference*, edited by Ronald Faulseit, Southern Illinois University, Carbondale.
- 2014 Hegmon, Michelle, Jette Arneborg, Andrew J. Dugmore, George Hambrecht, Scott Ingram, Keith Kintigh, Thomas H. McGovern, Margaret C. Nelson, **Matthew A. Peeples**, Ian Simpson, Katherine Spielmann, Richard Streeter, and Orri Vésteinsson. The Human Experience of Social Change and Continuity: The Southwest and the North Atlantic in Interesting Times ca. A.D. 1300. In *Climates of Change: The Shifting Environments of Archaeology*. Proceedings of the 44th Annual Chacmool Conference, edited by S. Lacey, C. Tremain, and M. Sawyer. pp. 53-67. University of Calgary.
- 2014 **Peeples, Matthew A.** Population History of the Zuni Region across the Protohistoric Transition: Migration, Gene Flow, and Social Transformation. In *Building Transnational Archaeologies*, edited by Elisa Villalpando and Randall H. McGuire. pp. 93-109. Arizona State Museum Archaeological Series 209, Arizona State Museum and the University of Arizona.

- 2013 Nelson, Margaret C., Michelle Hegmon, Keith W. Kintigh, Ann P. Kinzig, Ben A. Nelson, John Marty Anderies, David A. Abbott, Katherine A. Spielmann, Scott E. Ingram, **Matthew A. Peeples**, Colleen A. Strawhacker, and Cathryn Meegan. "長期的脆弱性與恢復力: 美國西南部與墨西哥北部考古學研究的實例" In *考古學與永續發展研究*. Edited by 邱斯嘉 and 臧振華, pp. 93-117. 台北: 中央研究院人文社會科學研究中心考古學研究專題中心. (Research Center for the Humanities and Social Science, Center for Archaeological Research: Taipei).
- 2013 Mills, Barbara J., John M. Roberts Jr., Jeffery J. Clark, William R. Haas Jr., Deborah Huntley, **Matthew A. Peeples**, Lewis Borck, Susan C. Ryan, Meaghan Trowbridge, and Ronald L. Breiger. The Dynamics of Social Networks in the Late Prehistoric U.S. Southwest. In *Network Analysis in Archaeology*, edited by Carl Knappett, pp. 185-206. Oxford University Press, Oxford.
- 2012 Schachner, Gregson, Dennis Gilpin, and **Matthew A. Peeples**. Alternative Trajectories during the Early Pueblo Period in the Little Colorado Drainage and Beyond. In *Crucible of Pueblos: The Early Pueblo Period in the Northern Southwest*, edited by Richard H. Wilshusen, Gregson Schachner, and James R. Allison, pp. 101-126. Monograph 71, Cotsen Institute of Archaeology at UCLA, Los Angeles.
- 2012 **Peeples, Matthew A.**, Gregson Schachner, and Edgar K. Huber. Rethinking Communities Across the Greater Zuni Region. In *Southwestern Pithouse Communities: A.D. 200-900*, edited by Sarah H. Herr and Lisa Young, pp. 168-182. University of Arizona Press, Tucson.
- 2012 Nelson, Margaret C., Michelle Hegmon, Keith W. Kintigh, Ann P. Kinzig, Ben A. Nelson, John Marty Anderies, David A. Abbott, Katherine A. Spielmann, Scott E. Ingram, **Matthew A. Peeples**, Colleen A. Strawhacker, and Cathryn Meegan. Long-Term Vulnerability and Resilience: Three Examples from Archaeological Study in the Southwestern United States and Northern Mexico. In *Surviving Sudden Environmental Change: Answers from Archaeology*, edited by Jago Cooper and Payson Sheets, pp. 197-221. University Press of Colorado, Boulder.
- 2011 Spielmann, Katherine A., Margaret C. Nelson, Scott E. Ingram, and **Matthew A. Peeples**. Mitigating Environmental Risk in the U.S. Southwest. In *Sustainable Lifeways: Cultural Persistence in an Ever-changing Environment*, edited by Naomi F. Miller, Katherine M. Moore, and Kathleen Ryan, pp. 180-211. University of Pennsylvania Museum of Archaeology and Anthropology, Philadelphia.

Selected Book Reviews, Technical Reports, and Other Publications:

- 2025 **Peeples, Matthew A.** Days Past: Central Arizona as an Ancient Crossroads. *The Prescott Daily Courier*, February 23 2025.
- 2023 Hopi Cultural Preservation Office. *Becoming Hopi Magazine*. Contributing author. (Printing funded by Center for Archaeology and Society)
- 2022 Hruschka, Daniel, Robert Bischoff, **Matthew A. Peeples**, Sharon Hsiao, Mohamed Sarwat. CatMapper: A user-friendly tool for integrating data across complex categories. <https://doi.org/10.31235/osf.io/n6rty>
- 2021 **Peeples, Matthew A.** Review of *Archaeological Networks and Social Interaction*, edited by Lieve Donnellan. *American Antiquity* 86(3):657-658.

- 2020 Mills, Barbara J., **Matthew A. Peeples**, Jeffery J. Clark, Scott G. Ortman, Sudha Ram, William H. Doelle, Joshua Watts, Andre Takagi, Faiz Currim, Evan Giomi, Kelsey Hanson, Leslie Aragon, Yuanxi Li, Kendall Baller, Kate Barvick, Robert Bischoff, Zachary Cooper, Kaitlyn Davis, Fan Dong, Rebecca Harkness, and Zengchao Yang. CyberSW 1.0. <https://cybersw.org>
- 2018 Frerbeau, Nicolas (author), Brice Lebrun, and **Matthew A. Peeples** (contributor). tabula: Analysis, Seriation, and Visualization of Archaeological Count Data. R Package version 1.0. <https://CRAN.R-project.org/package=tabula>
- 2018 Brughmans, Tom and **Matthew A. Peeples**. Network Science. In *The Society for Archaeological Sciences Encyclopedia of Archaeological Sciences*, edited by S.L. López Varela. Wiley, Hoboken, NJ.
- 2018 Mills, Barbara J., Jeffery J. Clark, and **Matthew A. Peeples**. The Chaco Social Networks Database. *Archaeology Southwest Magazine* 32(2&3):25-26.
- 2018 Mills, Barbara J., **Matthew A. Peeples**, Jeffery J. Clark, Leslie D. Aragon, Benjamin A. Bellorado, Evan Giomi, and Thomas C. Windes. How Connected was the Chaco World? *Archaeology Southwest Magazine* 32(2&3):27-29.
- 2016 **Peeples, Matthew A.** Review of *Migration and Ethnicity in Middle-Range Societies: A View from the Southwest*, by Tammy Stone. *American Antiquity* 81(4):775.
- 2015 **Peeples, Matthew A.** Social Diversity and Demographic Change along the Edge of the Cibola World. Society for American Archaeology, Current Research Online.
- 2013 **Peeples, Matthew A. (Issue editor and co-author)** Social Networks in the Distant Past. *Archaeology Southwest Magazine* 27(2). Co-authors: Barbara J. Mills, Jeffery J. Clark, W.R. Haas, Jr., John M. Roberts, Jr., J. Brett Hill, Deborah Huntley, Lewis Borck, Ronald L. Breiger, Aaron Clauset, M. Steven Shackley.
- 2010 **Peeples, Matthew A.** Review of *Chaco's Northern Prodigies: Salmon, Aztec and the Ascendancy of the Middle San Juan after A.D. 1100*, edited by Paul Reed. *Utah Archaeology* (2007) 20(1):57-60.
- 2009 **Peeples, Matthew A.** Salinas Demography. In *Salinas Contributions to the Study of Long Term Coupled Socioecological Change in the Southwest and Northern Mexico*. Katherine A. Spielmann, Scott Ingram, Stephanie Kulow, **Matthew A. Peeples**, and Cathryn Meegan. Report submitted to the Western National Parks Associations and Salinas Pueblo Missions National Monument
- 2007 **Peeples, Matthew A.** *A Cultural Resource Survey for the Zuni Forest Unit Timber Sale, Zuni Indian Reservation, McKinley County, New Mexico*. Zuni Cultural Resource Enterprise Report No. 988, Zuni, New Mexico.
- 2007 **Peeples, Matthew A.** *A Cultural Resource Survey for the Proposed Eriacho Unit Hazard Fuels Reduction Project, Zuni Indian Reservation, Cibola County, New Mexico*. Zuni Cultural Resource Enterprise Report No. 987, Zuni, New Mexico.

Invited Academic Talks and Keynotes

- 2026 **Peeples, Matthew A.** Dead Ends and Detours: Network Connectivity and Community Longevity in the Ancient Southwest. Invited Presentation for the Evolution of Social Complexity series, Adaptation, Behavior, Culture and Society Research Group, Arizona State University, March 25.
- 2025 **Peeples, Matthew A.** Reconstructing Regional Material Culture, Spatial, and Demographic Networks in the U.S. Southwest. Invited Presentation at the Institute of Behavioral Science, University of Colorado, Boulder, April 28.
- 2024 **Peeples, Matthew A.** The Promise of Large-Scale Data Synthesis for Archaeological Network Research. Invited Colloquium Talk, Department of Anthropology, University of Missouri, Columbia. October 30.
- 2023 **Peeples, Matthew A.** The Risks and Rewards of Networks in the Ancient Southwest/Northwest. Invited Colloquium Talk, Department of Anthropology, Notre Dame University, March 7, 2023.
- 2018 **Peeples, Matthew A.** The Promise of Large-scale Data Synthesis for Archaeological Network Research. **Keynote Lecture** presented at The Connected Past Conference, Oxford University, Oxford, UK. December 6.
- 2017 **Peeples, Matthew A.** Networking Your Way to Success in the Ancient Southwest. Invited Colloquium talk at the Missouri University Research Reactor (MURR), October 19, 2017.
- 2016 **Peeples, Matthew A.** Networking your Way to Success in the Ancient Southwest. Arizona State Museum, Tucson, AZ. Exhibit Opening “Pieces of the Puzzle”, October 18, 2016.
- 2012 **Peeples, Matthew A.** Identity and Social Transformation across the Prehispanic Cibola World: AD 1150-1325. Invited presentation, Eastern New Mexico University, February 7, 2012
- 2012 **Peeples, Matthew A.** Identity and Social Transformation across the Prehispanic Cibola World: AD 1150-1325. Invited Colloquium presentation, School of Anthropology, University of Arizona, January 25, 2012

Museum Exhibits

- 2021-2022 *Seeing the Invisible: Landscape Archaeology in Phoenix*. Pueblo Grande Museum, Phoenix, AZ (Original exhibit co-organized by Emily Fiocoprile, Marco Albarran, and Matthew Peeples)
- 2020-2022 *Revealing Artifacts: New Research with the Roosevelt Archaeological Collections at ASU*, School of Human Evolution and Social Change Innovation Gallery (exhibit co-organized by Katherine Dungan, Marco Albarran, Matthew Peeples). Spring 2020.
- Traveling version of exhibit at ASU libraries Fall 2020-Spring 2021; City of Chandler Public Libraries October 2022-November 2022*

Grants and Other Support

External Research Grants – PI/Co-PI

- 2022 National Science Foundation, Human Networks and Data Science, Research Program (HNDS-R) Collaborative Research Grant, *Human Networks, Sustainable Development, and Lived Experience in a Nonindustrial Society*. PI: Scot Ortman (CU Boulder); Co-PIs: Matthew Peeples, Keith Kintigh (Arizona State University), Barbara J. Mills (University of Arizona); Ann Stodder (Office of Archaeological Studies, University of New Mexico); Kyle Bocinsky (University of Montana), William Doelle (Archaeology Southwest). **Total Award: \$498,706 across collaborative partners**
- 2021 National Science Foundation, Human Networks and Data Science, Infrastructure Program (HNDS-I) Collaborative Research Grant, *From Households to Landscapes: Cyberinfrastructure for Interdisciplinary Research in the Ancient American Southwest*. PI: Jeffery J. Clark (Archaeology Southwest); Co-PIs: Barbara J. Mills (University of Arizona), Matthew A. Peeples (ASU), and Scott Ortman (University of Colorado Boulder). **Total Award: \$802,714 across collaborative partners**
- 2018 National Science Foundation, Jointly funded by Measurement, Methodology, and Statistics and Archaeology programs, Collaborative Research Grant. *Collaborative Research: Methodological Challenges and Archaeological Interpretations in Network Analysis of Artifact Assemblage Data*. PI: John M. Roberts, Jr. (University of Wisconsin, Milwaukee – Sociology); Co-PI: Matthew A. Peeples. **Total Award: \$97,883 across collaborative partners**
- 2017 National Science Foundation, RIDIR Program, Collaborative Research Grant *cyberSW: A Data Synthesis and Knowledge Discovery System for Long-term Interdisciplinary Research on Southwest Social Change*. PI: Barbara J. Mills (University of Arizona), Co-PIs: Matthew Peeples (Arizona State University), Jeffery J. Clark (Archaeology Southwest), Scott Ortman (University of Colorado Boulder), and Sudha Ram (University of Arizona). **Total Award: \$1,718,440 across collaborative partners**
- 2014 National Science Foundation, Archaeology Program, Senior Research Grant. *Regional Identities, Social Diversity, and Demographic Change along the Edge of the Cibola World*. PI: Matthew Peeples, Co-PIs: Paul Reed (Archaeology Southwest) and Gregson Schachner (UCLA). **Total Award: \$171,638**
- 2014 Colorado Plateau, Cooperative Ecosystems Study Unit (CESU) Research Award *Ceramic Sourcing Study for El Malpais National Monument*. PI: Paul Reed (Archaeology Southwest), Co-PI: Matthew Peeples. **Total Award: \$20,000**
- 2009 National Science Foundation Doctoral Dissertation Improvement Grant *Social Transformations and Regional Scales of Identity in the Cibola World (AD 1150-1325)*. PI: Keith Kintigh, Co-PI: Matthew Peeples. **Total Award: \$10,000**
- 2009 Wenner-Gren Foundation Dissertation Fieldwork Grant *Social Transformations and Regional Scales of Identity in the Cibola World (AD 1150-1325)*. PI: Matthew Peeples. **Total Award: \$18,934**

Dissertation Research Grants for Advisees

- 2023 National Science Foundation, Doctoral Dissertation Research Grant, *Material Culture Networks and Social Interaction*. PI: Matthew Peeples, Co-PI: Robert Bischoff. **Total Award: \$25,509**

2023 National Science Foundation, Doctoral Dissertation Research Grant, *The Role of Material Culture in Ethnicity Identification*. PI: Matthew Peeples, Co-PI: Caitlin Wichlacz. **Total Award: \$16,724**

2023 National Science Foundation, Doctoral Dissertation Research Grant, *The Development of Complexity*. PI: Matthew Peeples, Co-PI: Britt Davis. **Total Award: \$31,500**

[External Research Grants - Senior Project Personnel/Proposal Co-author](#)

2025 National Science Foundation, Archaeology Program. Collaborative Research Grant: Advancing the Scale of Ceramic Compositional Analysis. Co-PIs: Jeffrey Ferguson (University of Missouri) and Donna Glowacki (Notre Dame); Senior Personnel: Matthew Peeples and Mary Ownby. **Total Award: \$149,521**

2023 National Science Foundation, Human Networks and Data Science, Infrastructure Program (HNDS-I). *CatMapper: User-friendly Tools for Integrating Data by Complex Dynamic Categories*. PI: Daniel Hruschka (ASU). Co-PI: Sharon Hsaio (Santa Clara); Senior Personnel: Matthew Peeples (ASU). **Total Award: \$549,946**

2022 National Science Foundation, Cultural Anthropology Program, SocioMap: A Tool for Exploring, Translating, and Merging Data Across Complex Sociopolitical Categories. PI: Daniel Hruschka; Senior Personnel: Matthew Peeples. **Total Award: \$161,528**

2014 National Science Foundation, Archaeology Program, Collaborative Research Grant Exploring Adaptive Social Networks in the Face of Geographic Adversity
PI: Barbara J. Mills (University of Arizona) and Jeffery J. Clark (Archaeology Southwest); Senior Personnel: Matthew Peeples. **Total Award: \$259,019 across collaborative partners**

[Smaller Research/Travel Grants](#)

2023 Arizona Humanities Council, Creating Community for Indigenous Heritage Futures. PI: Matthew Kroot, Co-PI: Matthew Peeples.

2019 SHESC, Internal Interdisciplinary Grant Program; Persistence and Continuity of Cities and Neighborhoods through History: Lessons for Sustainability; PI: Michael Smith, Co-PIs: José Lobo, Matthew Peeples, Abigail York.

2019 SHESC, Internal Interdisciplinary Grant Program; SocioMap: a scalable system for facilitating and documenting data synthesis across complex sociopolitical partitions; PI: Dan Hruschka, Co-PIs: Sharon Hsaio, Shea Lemar, Matthew Peeples, and Mohamed Sarwat.

2011 Travel Grant: Graduate and Professional Student Association, ASU

2010 Travel Grant: Graduate and Professional Student Association, ASU

2009 School of Human Evolution & Social Change Special Research Grant Funding, ASU

2008 School of Human Evolution & Social Change Graduate Research Grant, ASU

2008 Museum Collections Research Award: Museum of Anthropology, ASU

2005 Travel Grant: Graduate and Professional Student Association, ASU

[Scholarships, Fellowships, and Awards](#)

[Scholarships and Fellowships](#)

2010-2011 Arizona State University Graduate College Dissertation Fellowship

2010 Fred Plog Memorial Fellowship, Society for American Archaeology

2007-2010 National Science Foundation Graduate Research Fellowship (deferred 2005-2007)

2005 Thomas Carhart Fellowship: Crow Canyon Archaeological Center, Cortez, CO

- 2004-2007 University Graduate Scholarship: Arizona State University
 2002-2003 James and Bernice Hinton Endowed Presidential Scholarship: Uni. of Texas at Austin

Research Awards and Honors

- 2025 Arizona Archaeological and Historical Society Book Subvention Award
 2024 Phoenix Mapping Archaeology Project (PMAP) team received the 2024 *Geospatial Volunteer of the Year Award* from the Arizona Geographic Information Council. (Laurene Montero, Zach Rothwell, Stephanie Sherwood, Doug Mitchell, Steve Rascona, Mary Whalen, Margaret Tueller, Lauren Tennison, Matthew Peeples, and Chris Caseldine)
 2017 Arizona Archaeological and Historical Society Book Subvention Award
 2014 Society for American Archaeology Dissertation Award
 2008 Museum Collections Research Award: Museum of Anthropology, ASU
 2007 Ruppé Prize in Archaeology: School of Human Evolution & Social Change, ASU
 2002 Phi Beta Kappa National Honor Society
 2001-2002 Lambda Alpha, national anthropology honor society (president of UT Chapter)

Conference Presentations (* invited, & published proceedings)

Student and post-doctoral advisee co-authors underlined

- *2026 **Peeples, Matthew A.**, Kelsey Hanson, and Maren Hopkins. From Clay to Community: Learning through Taskscapes and Social Networks in the World of Juan Quezada. Paper presented at the Society for American Archaeology Meeting, San Francisco, CA.
- *2026 Ferguson, Jeffrey, James Davenport, Matthew Pailles, and **Matthew Peeples**. Compositional Comparison of Contemporary Mata Ortiz and Ancient Casas Grandes Pottery and Implications for Production. Paper presented at the Society for American Archaeology Meeting, San Francisco, CA.
- *2026 Kroot, Matthew, **Matthew Peeples**, Angela Garcia-Lewis, Christopher Schwartz, and Alissa Ruth. Schools, Tribes, and Governments Partnering Together: The Arizona State University Field School at S'edav Va'aki in Phoenix, Arizona. Paper presented at the Society for American Archaeology Meeting, San Francisco, CA.
- *2025 Dale, Emily, Lauren Jelinek, Kaitlyn Davis, Kirk E Costion, **Matthew A. Peeples**, Matthew Kroot, Karen Gust Schollmeyer, Helen O'Brien. Archaeological Education in the State of Arizona. Discussion Panel at Preserve AZ 2025 Conference, Phoenix, Arizona. May 15, 2025.
- 2025 **Peeples, Matthew A.**, Kenneth Vernon, and Scott Ortman. Reconstructing Regional Material, Spatial, and Demographic Networks in the U.S. Southwest. Paper Presented at the Society for American Archaeology Annual Meeting, Denver, Colorado.
- 2025 Scott Ortman, Kenneth Vernon, and **Matthew A. Peeples**. Residential Density and Community Performance in the U.S. Southwest. Paper Presented at the Society for American Archaeology Annual Meeting, Denver, Colorado.
- 2025 Giomi, Evan, Barbara J. Mills, **Matthew A. Peeples** and Scott Ortman. Network Structure and Market Transformations in the US Southwest and Northern Mexico, AD 1200-1700. Paper Presented at the Society for American Archaeology Annual Meeting, Denver, Colorado.

- 2025 Davis, J. Britt and **Matthew A. Peeples**. Reconstructing Early and Middle Preclassic Social Interaction Networks in the Upper Belize River Valley. Paper Presented at the Society for American Archaeology Annual Meeting, Denver, Colorado.
- 2025 Kroot, Matthew and **Matthew A. Peeples**. A New Non-Collection Methodology for Assessment of Twentieth-Century Sites: Results from S'edav Va'aki in Phoenix, Arizona. Paper Presented at the Society for American Archaeology Annual Meeting, Denver, Colorado.
- §2024 Hsiao, Sharon, Harsha Kasi, Dan Hruschka, Robert Bischoff, and **Matthew A. Peeples**. CatMapper: user interface support for large complex categories and semantic data exploration. In *Human Factors in Design, Engineering, and Computing*. Edited by Tareq Ahram and Waldermar Karwowski. Applied Human Factors in Ergonomics International Conference Proceedings. AHFE Open Access, vol 159. AHFE International, USA.
<http://doi.org/10.54941/ahfe1005589>
- §2024 Hruschka, Daniel, Yi-Yun Cheng, I-Han Hsiao, Robert Bischoff, **Matthew A. Peeples**, Harsha Kasi, Cindy Huang. Tools for Integrating Data by Complex, Dynamic Categories. *Proceedings of the Association for Information Science and Technology* 61(1):934-936.
<https://doi.org/10.1002/pr2.1145>
- *2024 **Peeples, Matthew A.** Update on the ASU Field School at S'edav Va'aki. Presentation at the Pecos Conference, Chino Valley, AZ.
- *2024 Hruschka, Daniel, Robert Bischoff, Cindy Hsin-yea Huang, and **Matthew A. Peeples**. Using ArchaMap to Help Datasets Talk to Each Other: A Case from Southwest Archaeology. Paper presented at the Society for American Archaeology Annual Meeting, New Orleans, April 17-22.
- 2023 Hruschka Daniel J, Robert Bischoff, **Matthew A. Peeples**, Sharon Hsiao, Mohamed Sarwat. SocioMap: User-friendly tools for integrating data across complex, dynamic categories. Society for Cross-Cultural Research, Puerto Rico, February 2023
- *2023 **Peeples, Matthew A.** Evaluating the viability of network models for empirical material and geographic networks in the U.S. Southwest. Presented at the Santa Fe Institute Working Group: Complexity Science for the Study of the Human Past, October 9th.
- *2023 Mills, Barbara J., Sarah Herr, and **Matthew A. Peeples**. Reimagining the African Internal Frontier Model: Implications from the Puebloan Southwest. Paper presented at the 88th Annual Meeting of the Society for American Archaeology, Portland, OR, March 29-April 2.
- 2023 Hruschka, Daniel, Robert J. Bischoff, and **Matthew A. Peeples**. ArchaMap: A Solution for Merging and Finding Archaeological Data. Paper presented at the 88th Annual Meeting of the Society for American Archaeology, Portland, OR, March 29-April 2.
- *2023 Oas, Sarah, Blake Vernon, **Matthew A. Peeples**, Barbara J. Mills, Joshua Watts, Jeffery Clark, Steven Shackley, and Scott Ortman. Exploring the Dynamics of Late Precontact Obsidian Procurement and Exchange Networks Across the US Southwest and Northwest Mexico using cyberSW. Paper presented at the 18th Biennial Southwest Symposium Archaeological Conference, Santa Fe, NM, January 5-7.
- 2022 Hruschka Daniel J, Robert Bischoff, **Matthew A. Peeples**, Sharon Hsiao, Mohamed Sarwat. SocioMap: User-friendly tools for integrating data across complex, dynamic categories. DRH

Annual Conference "History in Ones and Zeroes — The Challenges Involved in Coding the Past", Vancouver, August 2022

- *2021 Crawford, Katherine, **Matthew A. Peeples**, and Tom Brughmans. Rethinking how Public Space Promotes Interaction within Historic Pueblo Settlements: A Network and Agent-Based Modelling Approach. Paper presented at the Connected Past Conference, Aarhus, Denmark.
- *2021 **Peeples, Matthew A.** Networks, Community Detection, and Critical Scales of Interaction in the US Southwest/Mexican Northwest. Paper presented at the 86th Annual Meeting of the Society for American Archaeology, Online virtual conference.
- *2020 Barbara J. Mills, Jeffery J. Clark, Scott Ortman, **Matthew A. Peeples**, Sudha Ram, William H. Doelle, Leslie Aragon, Kendall Baller, Robert Bischoff, Zach Cooper, Faiz Currim, Kaitlyn Davis, Fan Dong, Rebecca Harkness, Evan Giomi, Kelsey Hanson, Yuanxia Li, Andre Takagi, and Joshua Watts. Creating a Space for Collaborative Synthesis: The cyberSW Project. Paper presented at the 17th Biennial Southwest Symposium Conference, Tempe, AZ.
- 2019 Bichoff, Robert J. and **Matthew A. Peeples**. How Far were Ceramics Really Circulated? Annual Meeting of the Arizona Archaeological Council. Phoenix, AZ, November 8th.
- 2019 Schachner, Gregson, **Matthew A. Peeples**, and Sarah Oas. Keith Kintigh and the Cibola Region Over the Long Term. Paper presented at the 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM, April 9th-14th. **Session organized by Peeples and Schachner.**
- *2019 Hegmon Michelle and **Matthew A. Peeples**. The Human Experience of Social Transformation in the North Atlantic and US Southwest. Paper presented at the 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM, April 9th-14th.
- *2019 **Peeples, Matthew A.** Large-scale Data Integration and Archaeological Synthesis: 10 Years of Collaborative Work in the U.S. Southwest. Paper presented at invited symposium, Big Data in Archaeology: Practicalities and Possibilities, Cambridge University McDonald Institute for Archaeological Research, March 27th-28th.
- *2018 Dungan, Katherine and **Matthew A. Peeples**. Ceramics and Social Change in the Southern U.S. Southwest: Roosevelt Red Ware Production in the Tonto Basin. Paper presented at the 111th Annual Meeting of the American Anthropological Association, San Jose. November 13th-18th.
- *2018 Mills, Barbara J., Sudha Ram, Jeffery J. Clark, Scott D. Ortman, and **Matthew A. Peeples**. Archaeological Synthesis for Long-Term Interdisciplinary Research on Social Change. Paper presented at the 24th Annual Meeting of the European Archaeological Association, Barcelona, Spain. September 5th-8th.
- 2018 Flower, Carolyn B., Wendy C. Hodgson, Andrew Salywon, **Matthew Peeples**, Brian J. Enquist, Brian S. Maitner, and Benjamin Blonder. Humans influence plant ranges in the Sonoran Desert. Paper presented at the Ecological Society of America Meeting, New Orleans, LA, August 5th-10th.
- *2018 **Peeples, Matthew A.**, Barbara J. Mills, and Jeffery Clark. The Risks and Rewards of Network Position in the Chaco World. Paper presented at the 83rd Annual Meeting of the Society for American Archaeology, Washington DC, April 11th-April 15th.

- *2018 Dungan, Katherine, **Matthew A. Peeples**, Caitlin Wichlacz, and Jeffery Clark. Secret Identities and X-Ray Vision: Applying CT-Scanning to Roosevelt Red Ware Formation Techniques in the Tonto Basin. Paper presented at the 83rd Annual Meeting of the Society for American Archaeology, Washington DC, April 11th-April 15th.
- *2017 **Peeples, Matthew A.** Discussant – The Application of Collective Social Identification Theory to Archaeological Case Studies. Organized session at the 116th Annual Meeting of the American Anthropological Association, Washington DC. November 29th-December 3rd.
- *2017 **Peeples, Matthew A.** Discussant – Lightning Rounds: Breaking Ground without a Shovel: Collections Based Research in the Field of Archaeology. Forum discussion at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada. March 29-April 2.
- *2017 **Peeples, Matthew A.**, Barbara Mills, and Jeffery Clark. Tackling the Big Challenges of Big Data: An Example from the U.S. Southwest. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada. March 29-April 2.
- *2017 Mills, Barbara, **Matthew A. Peeples**, Jeffery Clark, Leslie Aragon, and Thomas Windes. “Mind the Gap”: Social Networks and Chaco Migration Scenarios. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada. March 29-April 2.
- *2017 Giomi, Evan, Leslie Aragon, Benjamin Bellorado, Barbara Mills, and **Matthew A. Peeples**. Dogoszhi-Style Ceramics as Markers of Elite Status within the Chacoan Regional System. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada. March 29-April 2.
- *2017 Kintigh, Keith W., Katherine A. Spielmann, Adam Brin, K. Selçuk Candan, Tiffany Clark, James DeVos, and **Matthew A. Peeples**. Data Integration in the Service of Synthetic Research. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada. March 29-April 2.
- *2017 **Peeples, Matthew A.** and John M. Roberts, Jr. Bootstrapping and Empirical Bayesian Methods for Assessing Variability in Archaeological Networks. Paper presented at the 45th Annual Computer Applications and Quantitative Methods in Archaeology international conference, Atlanta, GA. March 13-16.
- *2017 **Peeples, Matthew A.** and Tom Brughmans (co-chairs). Archaeological Networks: Uncertainty, Missing Data, and Statistical Inference. Organized session at the 45th Annual Computer Applications and Quantitative Methods in Archaeology international conference, Atlanta, GA. March 13-16.
- *2016 **Peeples, Matthew A.**, Barbara J. Mills, Jeffery J. Clark, Benjamin Bellorado, and Thomas Windes. Social Networks and the Scale of the Chaco World. Paper presented at the 81st Annual Meeting of the Society for American Archaeology, Orlando, FL. April 6-10.
- *2016 Giomi, Evan and **Matthew A. Peeples**. Pueblo Bonito as a Material and Spatial Network. Paper presented at the 81st Annual Meeting of the Society for American Archaeology, Orlando, FL. April 6-10.

- 2016 Roberts, John M., Jr., **Matthew A. Peeples**, Barbra J. Mills and Ronald Breiger. Filtering Methods in the Archaeological Context. Paper presented at the 36th Annual International Sunbelt Social Network Conference, Newport Beach, CA. April 5-10.
- *2015 **Peeples, Matthew A.** Scales of Identity and Scales of Analysis in Western New Mexico. Paper presented at 80th Annual Meeting of the Society for American Archaeology, San Francisco. April 15-19.
- 2014 Kintigh, Keith and **Matthew A. Peeples**. Estimating Population Growth from Settlement Data: A Modeling Approach. Paper presented at the Computer Applications and Quantitative Methods in Archaeology (CAA) Annual Meeting, Paris. April 22-25.
- *2014 **Peeples, Matthew A.**, Jeffery J. Clark, William H. Doelle, Andy Laurenzi, and Barbara J. Mills. The Role of Synthesis in Research and Preservation: The NHPA and Beyond. Paper presented at the Fall. Conference of the Arizona Archaeological Council, Mesa, AZ. November 7.
- *2014 **Peeples, Matthew A.** and Gregson Schachner. Comparing the Nature of Aggregation across the Zuni Region. Paper presented at the 79th Annual Meeting of the Society for American Archaeology, Austin, TX. April 23-27.
- *2014 Dungan, Katherine and **Matthew A. Peeples**. Geography, Geometry, and Religious Transformation: Great Kivas and Social Change along the Southern Colorado Plateau and Mogollon Highlands. Paper presented at the 79th Annual Meeting of the Society for American Archaeology, Austin, TX. April 23-27.
- *2014 Mills, Barbara J. and **Matthew A. Peeples**. Reframing Diffusion through Social Network Theory. Paper presented at the 14th biennial Southwest Symposium. Las Vegas, NV. January 14-16.
- *2014 Ownby, Mary F., **Matthew A. Peeples**, Jeffrey Ferguson, and Deborah Huntley. Chemistry and Connections: Utilizing Neutron Activation Analysis and Social Network Analysis to Track Large-scale Patterns of Ceramic Consumption and Distribution. Paper presented at the 14th biennial Southwest Symposium. Las Vegas, NV. January 14-16.
- *2013 Mills, Barbara J., **Matthew A. Peeples**, Jeffery J. Clark, and John M. Roberts, Jr. How Migrants in Diaspora Overcame Inequality in the Late Prehispanic Southwest: A Social Network Approach. Paper presented at the 112th annual meeting of the American Anthropological Association, Chicago, IL. November 20-24.
- *2013 McGovern, Thomas H., Jette Arneborg, Seth Brewington, Laura Comeau, Andrew Dugmore, George Hambrecht, Keith Kintigh, Christian Koch Madsen, Michelle Hegmon, Scott Ingram, Margaret C. Nelson, Richard Oram, **Matthew A. Peeples**, Brenda Shears, Ian Simpson, Konrad Smiarowski, Grant Snitker, Katherine Spielmann, Colleen Strawhacker, Andrea Torvinen, Orri Vésteinsson. Completed Long Term Experiments? Mobilizing Archaeology in the Anthropocene. Paper presented at the XIII Nordic TAG meeting, Reykjavik, Iceland. April 21-25.
- *2013 **Peeples, Matthew A.** Social Networks and Material Diversity in Population Centers and Frontiers: An Example from the Chaco World. Paper presented at the 78th annual meeting of the Society for American Archaeology, Honolulu, HI. April 3-7.
- *2013 Mills, Barbara J., **Matthew A. Peeples**, W. R. Haas, Jr., Lewis Borck, Jeffery J. Clark, John M. Roberts, Jr. Multiscaler Perspectives on Social Networks in the Late Prehispanic Southwest.

Paper presented at the 78th annual meeting of the Society for American Archaeology, Honolulu, HI. April 3-7.

- *2013 Nelson, Margaret C., Scott Ingram, **Matthew A. Peeples**, Keith W. Kintigh, Michelle Hegmon, Andrew Dugmore. Vulnerabilities and Securities: Can people be buffered from the impact of rare, extreme climate events? Paper presented at the 78th annual meeting of the Society for American Archaeology, Honolulu, HI. April 3-7.
- 2013 Torvinen, Andrea, Michelle Hegmon, Ann Kinzig, Margaret Nelson, **Matthew A. Peeples**, Karen Schollmeyer, Colleen Strawhacker. Transformation without Collapse: Three Cases from the American Southwest. Paper presented at the 29th Annual Visiting Scholar Conference, Center for Archaeological Investigations, Southern Illinois University, Carbondale.
- 2013 Reed, Paul and **Matthew A. Peeples**. The Acoma Origins Project. Presented at Big MACC (Big Meeting at Crow Canyon), Cortez, CO.
- *2012 **Peeples, Matthew A.** and Wm. R. Haas, Jr. Filling in the Gaps: Brokerage in Social Networks across the American Southwest. Paper presented at the 77th annual meeting of the Society for American Archaeology, Memphis, TN.
- *2012 Clark, Jeffery, M. Steven Shackley, J. Brett Hill, Wm. R. Haas, Jr., and **Matthew A. Peeples**. Long Distance Obsidian Circulation in the late Pre-Contact Southwest: Deviating from Distance-Decay. Paper presented at the 77th annual meeting of the Society for American Archaeology, Memphis, TN.
- *2012 Borck, Lewis, Jeffery Clark, Barbara J. Mills, and **Matthew A. Peeples**. The Structural Setting of Migration: Network Organization and the Kayenta Area Depopulation of the Late 13th Century. Paper presented at the 77th annual meeting of the Society for American Archaeology, Memphis, TN.
- *2012 Mills, Barbara J., Jeffery Clark, Wm. R. Haas, Jr., **Matthew A. Peeples**, and Lewis Borck. The Topology of Persistence: Network Analysis and Southwest Settlement Stability, A.D. 1200-1500. Paper presented at the 77th annual meeting of the Society for American Archaeology, Memphis, TN.
- *2012 Mills, Barbara J., Jeffery Clark, **Matthew A. Peeples**, William R. Haas, Jr., Lewis Borck, and John M. Roberts, Jr. Dynamic Network Analysis: Stability and Collapse in the U.S. Southwest, A.D. 1200-1500. Paper presented at The Connected Past: People, Networks and Complexity in Archaeology and History symposium, University of Southampton.
- *2011 Ingram, Scott E., Andrew Dugmore, Jette Arneborg, George Hambrecht, Michelle Hegmon, Keith Kintigh, Thomas McGovern, Margaret Nelson, Richard Oram, **Matthew A. Peeples**, Katherine Spielmann, Orri Vesteinsson. Climatic Hazards and Social Transformations in the North Atlantic Region and the U.S. Southwest, 900 to 1500 C.E. Paper presented at the International Congress of Arctic Social Sciences Conference, Akureyri, Iceland.
- *2011 **Peeples, Matthew A.** Ceramic Technological Variation and Social Change across the Pueblo III to Pueblo IV Transition. Paper presented at the 76th annual meeting of the Society for American Archaeology, Sacramento, California.

- 2011 Hegmon, Michelle, **Matthew A. Peeples**, Margaret C. Nelson, Jerry Howard, and David Abbott. Social Change and Path Dependence: Examining Regime Shifts in the Archaeology of the US Southwest. Paper presented at Resilience 2011 Conference, Tempe Arizona.
- 2011 Hegmon, Michelle, Jerry Howard, Michael O'Hara, and **Matthew A. Peeples**. Seeds of Success, Seeds of Failure?: The Long-Term Trajectory of Prehistoric Hohokam Irrigation in Arizona. Paper presented at the Annual Conference of the American Society for Environmental History in Phoenix, AZ.
- 2011 Hegmon, Michelle, **Matthew A. Peeples**, Margaret C. Nelson, Jerry Howard, and David Abbott. Social Change and Path Dependence: Examining Regime Shifts in the Archaeology of the U.S. Southwest. Paper presented at the Resilience 2011 conference in Tempe, AZ.
- *2010 **Peeples, Matthew A.** The Zuni Region across the Lost Century. Paper presented at the 12th Biennial Southwest Symposium in Hermosillo, Sonora, MX.
- 2009 **Peeples, Matthew A.** Social Transformations at Regional Scales in the U.S. Southwest. Paper presented at the 42nd Annual Chacmool Conference in Calgary, Alberta, CA.
- 2009 **Peeples, Matthew A.** Alternatives to Ethnic Models of Regional Scale Social Organization. Paper presented at the 74th annual meeting of the Society for American Archaeology, Atlanta, Georgia.
- 2009 **Peeples, Matthew A.** and Chris M. Roberts. (co-chairs). Crossing the Pond: Comparative Studies of Migration, Identity, and Material Culture in the U.S. Southwest and Medieval Europe. Organized Session at the 74th annual meeting of the Society for American Archaeology, Atlanta GA. April 22-26.
- *2009 Anderies, John M., and **Matthew A. Peeples**
Niche Construction and Food Production Strategies in Arid Environments. Paper presented at the Dynamic Desserts: Resource Uncertainty in Arid Environments, Second annual Frontiers in Life Sciences Conference Series, Tempe AZ, February 2009.
- *2009 Spielmann, Katherine, Margaret Nelson, Scott Ingram, and **Matthew A. Peeples**
Mitigating Agricultural Risk in Arid Environments. Paper presented at the Dynamic Desserts: Resource Uncertainty in Arid Environments, Second annual Frontiers in Life Sciences Conference Series, Tempe AZ, February 2009.
- 2008 Hegmon, Michelle, **Matthew A. Peeples**, Ann Kinzig, Stephanie Kulow, Cathryn M. Meegan, and Margaret C. Nelson. The Rigidity Trap and Social Transformation: Archaeological Applications. Paper presented at the Resilience 2008 International Science and Policy Conference in Stockholm, Sweden.
- *2008 **Peeples, Matthew A.** and John M. Anderies. Niche Construction and the Transition to Agriculture along the Upland Colorado Plateau. Paper presented at the 72nd annual meeting of the Society for American Archaeology, Vancouver, British Columbia.
- *2007 Nelson, Ben and **Matthew A. Peeples**. Cosmological Practice and Social Complexity in Northern and Central Mexico. Paper presented at the Cosmology and Society in the Ancient Amerindian World conference organized by George J. Gumerman III and Timothy Pauketat, Santa Fe Institute, Santa Fe, New Mexico, October 2007.

- *2007 Schachner, Gregson and **Matthew A. Peeples**. The Early Pueblo Period in the Cibola Area. Presented at the Early Pueblo World Conference, sponsored by SWCA, Inc. and the Ute Mountain Ute Tribe, Towaoc, Colorado, August 2007.
- *2007 Hegmon, Michelle, Margaret Nelson, **Matthew A. Peeples**, Cathryn Meegan, Stephanie Kulow, and Ann Kinzig. Human and Regional Scale Perspectives on Transformation in the U.S. Southwest: Mimbres, Mesa Verde and Hohokam. Paper presented at the 72nd annual meeting of the Society for American Archaeology, Austin, Texas.
- *2007 Kintigh, Keith, and **Matthew A. Peeples**. Estimating Population Growth from Settlement Data: A Modeling Approach. Paper presented at the 72nd annual meeting of the Society for American Archaeology, Austin, Texas.
- 2005 Schmich, Steven, Michael Barton, and **Matthew A. Peeples**. Resilience Lost: Intersecting Landuse and Landscape Dynamics in the Upland Southwest. Paper presented at the 104th annual meeting of the American Anthropological Association, Washington, D.C.

Conference Posters

Student and post-doctoral advisee co-authors underlined

- 2026 Powers, Kayla, **Matthew A. Peeples**, and Christopher Caseldine. Nondestructive Sourcing of Hohokam Tabular Tools: Assessing the Use of Portable X-Ray Fluorescence. Poster presented at the Society for American Archaeology Annual Meeting, San Francisco, CA.
- 2024 Kroot, Matthew, **Matthew A. Peeples**, and Jessie Kortscheff. The Benefits, Challenges, and Student Outcomes of an Academic-Governmental Collaboration for Local Undergraduate Field Training in Archaeology. Poster presented at the Society for American Archaeology Annual Meeting, New Orleans, April 17-22.
- 2024 **Peeples, Matthew A.**, Anthony Wende, and Matthew Kroot. Using Unmanned Aerial Vehicle (UAV) Photography to Develop Preservation and Management Plans at S'edav Va'aki, Arizona. Poster presented at the Society for American Archaeology Annual Meeting, New Orleans, April 17-22.
- 2024 Umbriano, Chiara, **Matthew A. Peeples**, and Matthew Kroot. Assessing the Viability of Limited Collection and In-Field Analysis Strategies for Ceramic Investigations at S'edav Va'aki, Arizona. Poster presented at the Society for American Archaeology Annual Meeting, New Orleans, April 17-22.
- 2024 Ptacek, Alexandra, **Matthew Peeples**, Matthew Kroot, Eunice Villasenor Iribe, and Jessie Kortscheff. Challenges of Community-Based Heritage Work: Rights Holders, Stakeholders, and the Palimpsest Nature of the Archaeological Record. Poster presented at the Society for American Archaeology Annual Meeting, New Orleans, April 17-22.
- 2023 **Peeples, Matthew A.**, Robert J. Bischoff, and Daniel Hruschka. The ArchaMap Data Integration Tool: A Case Study from the Roosevelt Dam Archaeological Projects, Arizona. Poster presented at the 88th Annual Meeting of the Society for American Archaeology, Portland, OR, March 29-April 2.

- 2020 Bischoff, Robert J. and **Matthew A. Peeples**. Measuring Distances for Southwest Ceramics Circulation and Exchange. Poster presented at the 17th Biennial Southwest Symposium Conference, Tempe, AZ.
- 2020 Oas, Sarah and **Matthew A. Peeples**. Portion Control: Estimating Vessel Volume and Storage Capacity in the Eastern Cibola Region, New Mexico. Poster presented at the 17th Biennial Southwest Symposium Conference, Tempe, AZ.
- 2019 Mills, Barbara J., Sudha Ram, Jeffery Clark, Scott Ortman, and **Matthew A. Peeples**. cyberSW: A Data Synthesis and Knowledge Discovery System for Long-term Interdisciplinary Research on Southwest Social Change. Poster presented at the 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM, April 9th-14th.
- 2018 Ferguson, Jeffery and **Matthew A. Peeples**. Update on the Integrated Southwest Ceramic NAA Database. Poster presented at the 17th Biennial Meeting of the Southwest Symposium, Denver, CO. January 5-7.
- 2017 Gauthier, Nicolas and **Matthew A. Peeples**. Drought Variability and the Robustness of Agrarian Social Networks. Poster presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada. March 29-April 2.
- 2017 Schachner, Gregson, **Matthew A. Peeples**, Paul Reed, and Kellam J. Throgmorton. Shifting Social Networks and Identity along the Southeastern Edge of the Cibola World. Poster presented at the 82nd Annual Meeting of the Society for American Archaeology, Vancouver, BC, Canada. March 29-April 2.
- 2016 Schollmeyer, Karen and **Matthew A. Peeples**. Population Changes and Intraregional Variability in the Mimbres Region of Southwest New Mexico, A.D.1000-1450. Poster presented at the 81st Annual Meeting of the Society for American Archaeology, Orlando, FL.
- 2015 Laurenzi, Andy, **Matthew A. Peeples**, and William H. Doelle. The Salado Preservation Initiative: Combining Research with Regional Preservation Planning. Poster presented at 80th Annual Meeting of the Society for American Archaeology, San Francisco.
- 2015 Bernardini, Wes and **Matthew A. Peeples**. Sight Communities in the American Southwest. Poster presented at 80th Annual Meeting of the Society for American Archaeology, San Francisco.
- 2013 Andrea Torvinen, Michelle Hegmon, **Matthew A. Peeples**, Will Russell, Karen Schollmeyer, Laura Swantek. Assessing the Role of Diversity in the Resilience of Social-Ecological Systems in the U.S. Southwest. Poster Presented at the 78th annual meeting of the Society for American Archaeology, Honolulu, HI.
- 2012 **Peeples, Matthew A.** and Gregson Schachner. Scrutinizing a Common Tool in the Archaeologist's Toolbox: The Effects of Sampling and Regional Variation in Ceramic Seriation on the Interpretation of Population Movement and Demography. Poster Presented at the 13th biennial Southwest Symposium, Albuquerque, NM.
- 2012 Mills, Barbara J., Lewis Borck, Jeffery J. Clark, Wm. Randall Haas, Jr., **Matthew A. Peeples**, John M. Roberts, Jr. Multiscalar Perspectives on Southwest Social Networks, A.D. 1200-1500. Poster Presented at the 13th biennial Southwest Symposium, Albuquerque, NM.

- 2012 Haas, Wm. Randall, Jr., Jeffery J. Clark, Barbara J. Mills, Lewis Borck, Brett Hill, Deborah Huntley, **Matthew A. Peeples**, Susan C. Ryan, M. Steven Shackley, Meghan A. Trowbridge. The Southwest Social Networks Database: Late Prehispanic Artifact Distributions in the Western U.S. Southwest. Poster Presented at the 13th biennial Southwest Symposium, Albuquerque, NM.
- 2011 Trask, Garrett and **Matthew A. Peeples**. Ceramic Design and Changing Scales of Social Interaction across the Cibola Region. Poster presented at the 76th annual meeting of the Society for American Archaeology. Sacramento, California.
- 2010 **Peeples, Matthew A.** Ceramic Technology and Social Distance across the Cibola World: A.D. 1150-1325. Poster presented at the 75th annual meeting of the Society for American Archaeology. St. Louis, Missouri.
- 2010 Torvinen, Andrea and **Matthew A. Peeples**. A Multi-Dimensional Analysis of Exchange and Violence in West-Central New Mexico. Poster presented at the 12th biennial Southwest Symposium. Hermosillo, Sonora, MX.
- 2008 **Peeples, Matthew A.** and Gregson T. Schachner. Long-term Patterns of Settlement along the Zuni River Drainage. Poster presented at the 11th biennial Southwest Symposium. Tempe, Arizona.
- 2008 Strawhacker, Colleen, Margaret Nelson, Karen Schollmeyer, Steven Swanson, **Matthew A. Peeples**, and Michelle Hegmon. Interaction and Diversity in the Post-Classic Mimbres World: An Overview of the 2007 Field Season. Poster presented at the 20th Anniversary Southwest Symposium. Tempe, AZ.
- 2006 **Peeples, Matthew A.**, Robert Cox, and Tanjot Bhatia. The Prehistoric Agricultural Landuse Model (PALM): Exploring the links between decision making and change in complex socio-ecological systems. Computer Simulation presented at the Archaeological Sciences of the Americas Symposium, Tucson, Arizona.
- 2006 **Peeples, Matthew A.**, C. Michael Barton and Steven Schmich. Subsistence and Long-term Landuse along the middle Chevelon Creek Drainage, AZ. Poster presented at the 71st annual meeting of the Society for American Archaeology, San Juan, Puerto Rico.
- 2005 Kelly, Sophia, **Matthew A. Peeples**, Jason Sperinck, M. Scott Thompson, Keith Kintigh, and Greg Schachner. Small Site Testing in the El Morro Valley, New Mexico. Poster presented at the 70th annual meeting of the Society for American Archaeology, Salt Lake City, Utah

Conference Sessions Organized

- 2026 Barton, C. Michael, Letícia Cristina Correa, **Matthew A. Peeples**. Archaeology as a Science of Complexity. Session Organized for the 91st Annual Meeting of the Society for American Archaeology, San Francisco, CA.
- 2024 Kroot, Matthew, Laurene Montero and **Matthew A. Peeples**. Training a New Generation of Heritage Professionals in the Valley of the Sun, the ASU Field School at S'edav Va'aki. Poster Session at the 89th Annual Meeting of the Society for American Archaeology, New Orleans, LA.

- 2020 Montgomery, Lindsay and **Matthew A. Peeples**. Transforming Archaeology with/by/for Tribal Nations. Forum at the 18th Biennial Southwest Symposium Conference, Tempe, AZ.
- 2020 **Peeples, Matthew A.** and Keith W. Kintigh. Data Compilation and Archaeological Synthesis in the Southwest/Northwest. Session at the 18th Biennial Southwest Symposium Conference, Tempe, AZ.
- 2019 **Peeples, Matthew A.** and Gregson Schachner. Attention to Detail: A Pragmatic Career of Research, Mentoring, and Service, Papers in Honor of Keith W. Kintigh. Session at the 84th Annual Meeting of the Society for American Archaeology, Albuquerque, NM.
- 2009 **Peeples, Matthew A.** and Christopher Roberts. Crossing the Pond: Comparative Studies of Migration, Identity, and Material Culture in the U.S. Southwest and Medieval Europe. Session at the 74th Annual Meeting of the Society for American Archaeology, Atlanta, GA.

Selected Research Working Groups and Seminars

- 2025 Working Group, *Human Networks, Sustainable Development, and Lived Experience in a Nonindustrial Society*, School for Advanced Research, Santa Fe, NM. December 8-12.
- 2025 IMLS FAIR + CARE Cultural Heritage Network Workshop, Marconi Lodge, Tomales Bay, CA. October 19-23.
- 2025 The Living Legacies of Juan Quezada and Mata Ortiz. Amerind Foundation, Dragoon, AZ. August 28-31.
- 2024 The Senescence of Social Systems. Santa Fe Institute, Santa Fe, NM. December 15-19.
- 2024 IMLS FAIR + CARE Cultural Heritage Network Workshop, Marconi Lodge, Tomales Bay, CA. October 2-4.
- 2023 Complexity Science for the Study of the Human Past. Santa Fe Institute, Santa Fe, NM. October 9-12.
- 2022 Reconstructing Ancient Pueblo Histories. Short Seminar: School of Advanced Research, Santa Fe, NM. October 17-21.
- 2018 U.S. Southwest Neutron Activation Analysis (NAA) Data and Analysis Planning Group; Washington DC. Organized by Jeffery Ferguson, April 11th.
- 2017 Fostering Synthesis in Archaeology; School for Advanced Research, Santa Fe, NM Organized by Jeff Altschul and Keith Kintigh, February 9-12th
- 2015 Contrasting Kayenta and Mesa Verde Migrations; Amerind Foundation Seminar, Dragoon, AZ Organized by Jeffery J. Clark, September 9-12th
- 2015 Settlement Scaling in Pre-modern Societies; Santa Fe Institute Working Group, Santa Fe, NM Organized by Luis Bettencourt, José Lobo, Scott Ortman, and Michael Smith, June 9th-12th
- 2014 Social Change in the Context of Climate Challenges: Issues in Coupled Natural Human System; Santa Fe Institute Working Group, Santa Fe, NM Organized by Margaret C. Nelson and Timothy Kohler, May 26th-29th
- 2013 Social Identity in Frontier and Borderland Communities of the North American Southwest; Amerind Foundation Seminar, Dragoon, AZ Organized by Karen Harry and Sarah Herr. November 14th-17th
- 2013 Collaborative working group meeting between NABO (North Atlantic Biocultural Organization) and LTVTP (Long-Term Vulnerability and Transformation Project); National Science Foundation and Wenner-Gren Foundation supported collaborative research meeting, Akureyri, Iceland
- 2012 The Dynamics of Social Networks in the Late Prehispanic Southwest; School for Advanced Research (SAR), Santa Fe, NM Research Team Seminar focused on the Southwest Social Networks Project

- 2012 Social Responses to Climate Change in the U.S. Southwest and North Atlantic: Long-Term Human Ecodynamics. Collaborative working group meeting between NABO (North Atlantic Biocultural Organization) and LTVTP (Long-Term Vulnerability and Transformation Project); Wenner-Gren Foundation supported collaborative research meeting, San Diego, CA.
- 2011 Collaborative working group meeting between NABO (North Atlantic Biocultural Organization) and LTVTP (Long-Term Vulnerability and Transformation Project); National Science Foundation supported collaborative meeting at the University of Edinburgh, Scotland
- 2010 Resilience and Vulnerability to Climate Change: A Collaboration between NABO (North Atlantic Biocultural Organization) and LTVTP (Long-Term Vulnerability and Transformation Project); National Science Foundation supported meeting at Amerind Foundation, Dragoon, AZ
- 2008 Archaeology and Sustainability IHOPE (Integrated History and Future of People on Earth) project; Santa Fe Institute Working Group, Santa Fe, NM. <http://www.ames.ucar.edu/ihope/>

TEACHING AND ADVISING



Teaching Awards and Nominations

- 2023 School of Human Evolution and Social Change, Arizona State University, Excellence in Undergraduate Teaching
- 2020 Nominated for ASU College of Liberal Arts and Sciences Zebulon Pearce Distinguished Teaching Award

Courses offered at Arizona State University:

- ASB 335: Ancient Cultures of the Southwest (online and in person)
- ASM 338: Archaeological Field Practicum
- ASB 333: "Mythbusters": Frauds, Myths, and Mysteries in Archaeology
- ASM 565: Quantitative and Formal Methods in Archaeology
- ASB 567: Southwestern Archaeology
- ASB 568: Intrasite Research Strategies and Spatial Analysis in Archaeology
- ASM 591: Social Network Methods and Models in Archaeology

Selected Professional Workshops

Bischoff, Robert, Dan Hruschka, **Matthew A. Peeples**. ArchaMap Tools for Integrating Datasets for Synthetic Archaeological Analysis, Remote Zoom Workshop, April 2026.

Hruschka Daniel, **Matthew A. Peeples**, Robert J. Bischoff, and Cindy Huang. CatMapper Workshop for the CatMapper Advisory Board Meeting. Arizona State University, Tempe, Arizona. 2024.

Bischoff, Robert J. and **Matthew A. Peeples**. ArchaMap: Tools for Integrating Datasets for Synthetic Archaeological Analysis. Society for American Archaeology Annual Meeting, New Orleans. 2024.

Peeples, Matthew A. Formal Approaches to Qualitative Comparative Analysis (QCA), short course for the Institute of Social Science Research at Arizona State University: December 2016, April 2017, October 2018, Nov 2019

Peeples, Matthew A. A Brief Introduction to Archaeological Networks in R. (Peeples), Workshop at the McDonald Institute of Archaeology, Cambridge, UK, March 26th, 2019.

<http://www.mattpeeples.net/netintro.html>

Peeples, Matthew A. and Tom Brughmans. Network Science and Statistical Techniques for Dealing with Uncertainty in Archaeological Datasets, Workshop at the 2017 Computer Applications and Quantitative Methods in Archaeology Conference, Atlanta, GA, March 13th, 2017.

<http://www.mattpeeples.net/netstats.html>

Peeples, Matthew A., Emily Fiocoprile, Katherine Dungan, and Caitlin Wichlacz. GIS Workshop, Society for Cultural Astronomy in the American Southwest, Introduction to archaeological GIS at the 2017 SCAAS Conference, Tempe, AZ, Nov. 11th, 2017

Advising and Training:

Undergraduate Students

Garrett Trask (advisor, undergraduate research assistant) 2011
Alexandra Norwood (committee member, senior honors thesis) 2017
Katherine Salazar (committee member, senior honors thesis) 2018
Katherine Young Seidmann (chair, senior honors thesis) 2024
Kayla Powers (chair, senior honors thesis) 2025
Ella Pinto (member, senior honors thesis)

Current MA/MS Students

Zithlaly Vega (chair)
William Dundas (co-chair)

Past MA/MS Students

Kendall Baller (chair and RA supervisor) 2018
Ruben Cu:k Ba'ak (chair) 2025
Carolyn Flower (committee member – M.S. Plant Biology and Conservation) 2019
Mechell Frazier (committee member) 2016
Jennifer Minish (committee member) 2026
Franklin Norris (committee member) 2024
Anne Sherfield (committee member) 2021
Emily Thurman (co-chair) 2026

Current PhD Students

Dean Blumenfeld (committee member)
Ruben Cu:k Ba'ak (chair)
Julia Furlong (co-chair)
Alexandra Ptacek (committee member)
Emily Thurman (co-chair)
Caitlin Wichlacz (co-chair and RA supervisor)

Past PhD Students

Robert Bischoff (chair) 2025
Adrian Chase (committee member) 2021
Britt Davis (co-chair) 2026
Ioana Dumitru (committee member, Johns Hopkins University, Near East Studies) 2019
Krista Eschbach (committee member) 2019
Nicolas Gauthier (committee member) 2019

Sarah Oas (committee member) 2019 – **winner of SAA Dissertation Award**
Jonathan Paige (committee member) 2022
Andrea Torvinen (committee member) 2018
Andrew Upton (committee member, Michigan State University, Anthropology) 2019

Post-doctoral Researchers

Katherine Crawford, Ph.D. (post-doc advisor) 2020-2021
Katherine Dungan, Ph.D. (post-doc advisor) 2017-2020
Emily Fiocoprile, Ph.D. (post-doc advisor) 2017-2018
Sarah Oas, Ph.D. (post-doc advisor) 2019-2022

Research Apprentices and Internship Program Students

Supervised >30 SHESC, ASU Research Apprentice Students
Supervised >45 ASU Barrett Honors Contracts

SERVICE



Regional/National/International

2024- Editorial Advisory Board, *The Kiva*
2022- Chair of board, Digital Antiquity/the Digital Archaeological Record (tDAR)
2021-2023 Board of directors, Academic Unit, Coalition for Archaeological Synthesis
2021-2024 Arizona Archaeological Council, Education and Outreach Working Group
2020- Editorial Advisory Board, *Journal of Arizona Archaeology*
2020-2022 New Initiatives Committee, Coalition for Archaeological Synthesis
2020-2021 Founding board member, Coalition for Archaeological Synthesis
2019-2020 Head of 2020 Southwest Symposium Biennial Conference Organizing Committee
2019-2022 Board member, Digital Antiquity/the Digital Archaeological Record (tDAR)
2017 Committee member, Society for American Archaeology: Amerind Seminar Program
2016-2022 Executive Committee and Board Member, Human Relations Area Files (HRAF)
2016-2020 President, Southwest Symposium, Executive Board
2016-2017 Member, Society For American Archaeology Amerind Seminar review committee
2014-2016 Member, Southwest Symposium, Executive Board
2012-2014 Society for American Archaeology, Fred Plog Memorial Fellowship Award Committee

Arizona State University

2021- ASU NAGPRA Advisory Committee
2018- Director, ASU Center for Archaeology and Society
2016- ASU Representative, Human Relations Area Files (HRAF)
2015-2018 Research Director, ASU Center for Archaeology and Society

School of Human Evolution and Social Change, ASU

2025-2026 SHESC AI Committee
2025-2026 Faculty hiring committee member
2024- Chair, SHESC Personnel Committee
2024-2026 Chair, Cultural Resource Management, Archaeology MA Degree Planning committee
2024-2025 Faculty hiring committee member
2023-2025 Museum Studies Committee, member

2023-2024 Faculty search committee member
 2023-2024 SHESC Personnel Committee
 2022-2023 Presidential Postdoctoral Fellowship Program search committee
 2022-2023 SHESC Director search committee member
 2021-2022 Chair, faculty search committee
 2021 Faculty search committee member
 2021 Chair, Staff search committee
 2019-2021 SHESC Graduate and Undergraduate Committee
2019-2021 SHESC Approach Convener, Archaeology
 2019-2020 SHESC Director search committee member
 2019 Faculty search committee member
 2019 Faculty search committee member
 2018-2019 Faculty search committee member
 2017-2018 Chair, SHESC Research Committee
 2016-2017 SHESC Research Committee
 2015-2016 SHESC Communications Committee

Manuscript Reviews for Journals and Presses Including:

Advances in Archaeological Practice	Journal of Urban Archaeology
American Anthropologist	Kiva
American Antiquity	Open Archaeology
Antiquity	PCI Peer Communities In Archaeology
ArchéoSciences	PLoS One
Current Anthropology	Quaternary International
Environmental Archaeology	Sciences Advances
Frontiers in the Digital Humanities	Weather, Climate, and Society
Human Organization	
Journal of Anthropological Archaeology	<i>Book manuscripts:</i>
Journal of Archaeological Method and Theory	Archaeopress
Journal of Archaeological Research	Oxford University Press
Journal of Archaeological Science	Routledge
Journal of Archaeological Science: Reports	University of Arizona Press
Journal of Arizona Archaeology	University of New Mexico Press
Journal of Historical Network Research	University of Utah Press
Journal of Quaternary Science	University Press of Colorado

Grants Reviewed for Organizations including:

U.S. National Science Foundation: Senior Archaeology Program, DDRI Program, CAREER program
 Dutch Research Council
 European Research Council
 ID-N Research Projects, Leuven
 National Science Centre, Poland
 Swiss National Science Foundation

Public Outreach Presentations

2026 Osher Lifelong Learning Institute Course: The Art of Rock Art, March 5th, 2026.
 2025 After the Hero's Party: Long-term ecological and social impacts after loss and major disruptions. Science panel at Phoenix Fan Fusion Convention, June 8, 2025.
 2025 Speak No Evil: Crackpot Science in the News. Science panel at Phoenix Fan Fusion Convention, June 7, 2025.

- 2025 Museum After Dark – The Arizona State University Field School at S’edav Va’aki and Park of the Four Waters. S’edav Va’aki Museum. May 8th, 2025. (with Matthew Kroot)
- 2025 Central Arizona as a Crossroads in the Past and Present. Ticketed event at the Sharlot Hall Museum, Prescott, AZ. March 1 2025.
- 2024 Museum Collections and Repatriation Efforts at Arizona State University. Special presentation given to the Saudi Heritage Commission Delegation at Arizona State University. Feb 16, 2024.
- 2024 Osher Lifelong Learning Institute Course: Archaeological Frauds and Fakes in Arizona and Beyond; 2 sessions
- 2023 The Risks and Rewards of Social Networks in the Ancient Southwest. Arizona Archaeological and Historical Society, December 18, 2023.
<https://www.youtube.com/watch?v=lw0yytQB3sY>
- 2023 What is the Center for Archaeology and Society? Special presentation for the Global Ties > Arizona Council for International Exchange, ASU, October 27, 2023.
- 2023 Osher Lifelong Learning Institute Course: The Art of Rock Art. October 25, 2023; 2 sessions
- 2023 Curtis Quam (Zuni) and Matthew Peeples. The Zuni Mapping Project, Talk for the Arizona Archaeology Society at S’edav Va’aki Museum Auxiliary. September 12th, 2023.
- 2021 Osher Lifelong Learning Institute Course: The Art of Rock Art. March 24, 2021.
- 2021 “Have you heard the one about the Punic Ship in the Sonoran Desert?” Case Studies in Addressing Archaeological Misinformation. Special presentation to Arizona State Museums, Docent training program, January 6, 2021.
- 2019 Beer and Bones: Speed Date a Scientist, Arizona Museum of Natural History. October 18th, 2019.
- 2019 Osher Lifelong Learning Institute Course: The Art of Rock Art. October 2nd, 2019.
- 2019 Archaeological Fakes and Frauds in Arizona and Beyond, June 17th, 2019, Arizona Archaeological and Historical Society, Tucson, AZ.
- 2019 Osher Lifelong Learning Institute Course: The Art of Rock Art. Beta hands-on development course for OLLI. April 17th, 2019.
- 2019 Archaeological Fakes and Frauds in Arizona and Beyond, February 12th, 2019, Pueblo Grande, Phoenix, AZ. Phoenix Chapter of the Arizona Archaeological Society.
- 2018 Networking your Way to Success in the Ancient Southwest. March 14th, Arizona Archaeological Society, San Tan Chapter. Queen Creek, AZ.
- 2017 Osher Lifelong Learning Institute Course: The Archaeology of the Unseen – Social Identity in the Prehispanic Southwest and Beyond, October 23rd, Phoenix, AZ. Deer Valley Petroglyph Preserve.
- 2017 Archaeological Fakes and Frauds in Arizona and Beyond, April 12th, Cave Creek, AZ. Desert Foothills Chapter of the Arizona Archaeological Society.
- 2016 Osher Lifelong Learning Institute course: The Social Impacts of Ceramic Exchange (Caitlin Wichlacz and Matthew Peeples), November 7th, Phoenix, AZ
- 2016 The Zuni Region across the “Lost Century” A.D. 1450–1540. April 18th, Casa Malpais Museum and Archaeological Park, Springerville, AZ.
- 2016 Chaco Social Networks. March 15th, Archaeology Southwest–Archaeology Café, Phoenix AZ. Video: <https://www.youtube.com/watch?v=ewVK171MuNc>
- 2015 Networking Your Way to Success in the Ancient Southwest. September 26th, Museums Day Live! Deer Valley Petroglyph Preserve, Phoenix, AZ.
- 2015 Cooking Pots and Zuni Culture: 13th Century Migrations and Changing Social Landscapes. January 19th, Southwest Seminars Series, Hotel Santa Fe, Santa Fe, NM
- 2014 The Zuni Region across the “Lost Century,” A.D. 1450–1540. November 18th, Archaeology Southwest Tea and Archaeology Presentation, Arizona Inn, Tucson, AZ. Video: <https://www.youtube.com/watch?v=HAFIzh27Lbw>
- 2014 Who Came Before?: Four part lecture series and tours focused on Tucson and Southern Arizona Archaeology (with William Doelle, Jeffery Clark, Henry Wallace, Bernard Siquieros, and

- Melissa Kruse-Peebles), October 2014, Western National Parks Association, National Parks Store, Tucson, AZ.
- 2014 Osher Lifelong Learning Series: Archaeology in Tucson, Past and Present. (with William Doelle, Jeffery Clark, and Allen Denoyer), September 2014, University of Arizona, Osher Lifelong Learning Institute, Tucson, AZ.
- 2014 The Zuni Region at European Contact. March 15th, Casa Malpais Museum and Archaeological Park, Springerville, AZ.
- 2013 The Tucson Basin and Beyond: Hohokam Population Trends in Context. November 5th, Arizona State Museum short course: Hohokam 101. ASM, Tucson, AZ.
- 2013 The Upper Little Colorado: Prehistoric Crossroads. August 19th, Little Colorado Chapter of the Arizona Archaeological Society, Casa Malpais Archaeological Park, Springerville, AZ. Organized in conjunction with the, Smithsonian Museums on Main Street - Journey Stories exhibit.
- 2013 The Zuni Region and the Southwest at the End of "Prehistory." May 14th, Santa Catalina Corral of Westerners Organization, Tucson, AZ.
- 2013 The Zuni Region across the "Lost Century," A.D. 1450-1540. March 21st, Old Pueblo Archaeology Center - Third Thursday Food for Thought, Tucson, AZ.
- 2013 How Migration Transformed Social Networks in the Late Prehispanic Southwest. March 19th, Archaeology Southwest - Archaeology Café, Phoenix, AZ
Video: http://www.archaeologysouthwest.org/what-we-do/information/video/ac_510/
- 2013 Cooking Pots and Culture in the Zuni Region. March 5th, Archaeology Southwest - Archaeology Café, Tucson, AZ.
Video: http://www.archaeologysouthwest.org/what-we-do/information/video/ac_509/
- 2012 Identity and Social Transformation in the Prehispanic Cibola World. May 21st, Arizona Archaeological and Historical Society, Tucson, AZ.
- 2012 The Long History of Community Ceramic Specialization in the Zuni/Cibola Region. February 13th, Arizona Archaeological Society, Agua Fria Chapter, Glendale, AZ.
- 2012 Social Transformation and Identity across the Cibola World: A.D. 1150-1325. January 25th, Lecture Series, University of Arizona, School of Anthropology, Tucson, AZ.
- 2011 Social Transformation across the Cibola World. March 19th, Casa Malpais Archaeology Month Event, Casa Malpais Archaeological Park, Springerville, AZ.
- 2011 Anasazi and Mogollon: Culture Change in the Cibola Region (A.D. 1150-1325). February 2nd, Presented for the Pueblo Grande Museum Auxiliary, Pueblo Grande Museum, Phoenix, AZ.

OTHER INFORMATION



Professional Memberships and Qualifications

American Association for the Advancement of Science
 Archaeology Southwest, Research Associate
 Arizona Archaeological Council
 Arizona Archaeological and Historical Society
 Association of Academic Museums and Galleries, Center for Archaeology and Society
 Association for Archaeological Collections Repositories, Center for Archaeology and Society
 Coalition for Archaeological Synthesis, founding board member and associate
 Coalition for Archaeological synthesis, Partner Organization, Center for Archaeology and Society
 Register of Professional Archaeologists, ID 6089

Society for American Archaeology
Southwest Symposium Organization, web master southwestsymposium.org

New Mexico State Historic Preservation Office, current blanket permit holder
Arizona Antiquities Act, current PI/PD project permit holder

Selected Archaeological Field and Lab Projects

- 2026 Advancing the Scale of Ceramic Compositional Analysis (PIs: Jeffery Ferguson and Donna Glowacki; Senior Personnel: Matthew Peeples, Robert Bischoff, Mary Ownby)
- 2023- Arizona State University Field School at S'edav Va'aki and Park of the Four Waters, ASU (co-directed by Matthew Peeples and Matthew Kroot)
- 2022- CatMapper Project (PI: Daniel Hruschka, Sharon Hsiao; Senior Personnel: Robert Bischoff, Cindy Huang, Harsha Kasi, Matthew Peeples).
- 2022-2026 Human Networks, Sustainable Development, and Lived Experience in a Non-Industrial Society. (PI: Scott Ortman, Co:PIs: Keith Kintigh, Allen Lee, Matthew Peeples, Barbara Mills, Ann Stodder, Kyle Bocinsky, and William Doelle).
- 2019-2024 Settlement persistence project (directed by Mike Smith with Jose Lobo, Abby York, Matthew Peeples)
- 2018-2024 Methodological Challenges and Archaeological Interpretations in Network Analysis of Artifact Assemblage Data. (co-directed by Matthew Peeples and John M. Roberts, Jr.)
- 2017- cyberSW: A Data Synthesis and Knowledge Discovery System for Long-term Interdisciplinary Research on Southwest Social Change (co-directed by Barbara J. Mills, Matthew Peeples, Jefferey Clark, and Scott Ortman)
- 2016-2017 Colorado Plateau, Cooperative Ecosystems Study Unit (CESU) Research Award, Ceramic Sourcing Study for El Malpais National Monument. Co-PI with Paul Reed and Analyst
- 2014-2017 Eastern Cibola Archaeological Project, Quemado/Cebolla/El Malpais, New Mexico (co-directed by Matthew Peeples, Gregson Schachner and Paul Reed)
- 2015 Inventory and Monitoring Geodatabase Development for Agua Fria National Monument and Perry Mesa Archaeological District, Archaeology Southwest (director)
- 2014 The Dynamics of Chacoan Social and Spatial Networks, AD 800-1200 (co-directed Barbara J. Mills, Matthew Peeples, and Jeffery J. Clark)
- 2012-2016 Cultural Resources Priority Planning in the U.S. Southwest. (with Andy Laurenzi and Archaeology Southwest)
- 2012 Digitizing FAIRsite the Fort Apache Indian Reservation heritage site inventory (directed by John Welch with Frank McManamon, Matthew Peeples, and Mark Altaha)
- 2011-2014 Southwest Social Networks Project, University of Arizona and Archaeology Southwest (co-directed by Barbara J. Mills, Jefferey J. Clark, and Matthew Peeples).
- 2011 Vedado Mountain Archaeological Project, Catron County, New Mexico, Archaeology Southwest (director)
- 2009-2011 Puerco Ridge Archaeological Project, Petrified Forest National Monument and environs, Holbrook, AZ, UCLA (directed by Gregson Schachner)
- 2009-2011 Identity and Social Transformation in the Ancient Cibola World, Western New Mexico and Eastern Arizona, field and collections-based PhD Project, ASU (director)
- 2007-2008 CRM Survey and Excavation Projects on the Zuni Reservation, Zuni Cultural Resource Enterprise, Zuni Heritage and Historic Preservation Office, Zuni Pueblo, New Mexico
- 2007-2008 Mogollon Prehistoric Landscapes Project, A-Spear Ranch and Mule Creek, NM, ASU (directed by Karen Schollmeyer)
- 2006 Field Technician, Desert Archaeology, Inc., Phoenix AZ.
- 2005-2008 Legacies on the Landscapes Project, Agua Fria National Monument, Arizona, ASU (directed by Katherine Spielman and Keith Kintigh).

2005	Mogollon Rim Small Sites Project, Chevelon Creek, Arizona, ASU (directed by Michael Barton)
2005	Goodman Point Pueblo Project, Crow Canyon Archaeological Center (directed by Kristin Kuckelman)
2004	El Morro Valley Prehistory Project, Ramah, New Mexico, ASU (directed by Gregson Schachner and Keith Kintigh)
2003-2004	Research Assistant II, BA, Texas Archaeological Research Laboratory, University of Texas at Austin, collections inventory for Texas archaeological sites (Darrell Creel)
2002-2003	National Council for Preservation Education, Collections inventory for Palmetto Bend Reservoir archaeological project, Bureau of Reclamation
2001	Eastern Mimbres Archaeology Project field school, Ladder Ranch, Truth or Consequences, NM, ASU (directed by Michelle Hegmon and Margaret Nelson)
2000-2003	Undergraduate Research Assistant, Texas Archaeological Research Laboratory, Collections inventory for Amistad National Recreation Area, University of Texas at Austin (director Darrell Creel)
2000	Program for Belize Archaeological field school, Orange Walk, Belize (Fred Valdez)

Data, Software, and Web Platforms



Version 1.0
2020
Version 2.0
2022

cyberSW.org – A synthetic database and knowledge discovery/analysis platform focused on the archaeology of the U.S. Southwest and Mexican Northwest <https://cybersw.org/>



Version 1.0
2023

CatMapper – CatMapper is an online platform and set of related tools focused on helping users organize and integrate dynamic and complex category systems across multiple datasets <https://catmapper.org/>



Version 1.0
2023

Online companion to *Network Science in Archaeology* – companion to the Brughmans and Peeples (2023) volume. <https://book.archnetworks.net/>



2008-

tDAR The Digital Archaeological Record – Archived data, code, reports and other materials associated with publications and major projects. <https://core.tdar.org/browse/creators/60/matthew-peeples>



2008-

GitHub Profile – Data and code associated with publications and other analytical tools. <https://github.com/mpeeples2008>



2006-

Mattpeeples.net R Scripts and Software – Analytical scripts, data, and overviews for teaching and research. <https://mattpeeples.net/data-and-software/>