

CURRICULUM VITAE
Andrea L. Torvinen
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Education

2018	Ph.D. in Anthropology (Archaeology), Arizona State University
2009	M.A. in Anthropology (Archaeology), Arizona State University
2007	B.A. in Anthropology, Albion College
2007	B.A. in Geology, Albion College

Professional Appointments

2023-present	Collections Manager, Florida Archaeology and Ceramic Technology Laboratory, Florida Museum of Natural History, University of Florida
2021-present	Research Faculty, School of Human Evolution and Social Change, Arizona State University
2021-2023	NSF Postdoctoral Fellow, School of Human Evolution and Social Change, Arizona State University
2019, 2021-2022	Anthropology Adjunct Faculty, Social & Behavioral Sciences, Maricopa County Community College District
2019-2020	Postdoctoral Research Associate, La Quemada-Malpaso Valley Archaeological Project, School of Human Evolution and Social Change, Arizona State University

Publications

Peer-Reviewed Journal Articles:

2021	Forest, Marion, Juliette Testard, Elsa Jadot, Ben A. Nelson, and Andrea Torvinen . "Figurines in Context(s) at La Quemada: Production, Performance, and Discard." <i>Americae</i> [online] 6, URL: https://americae.fr/dossiers/figurines/figurines-contexts-la-quemada-production-performance-discard/
2020	Torvinen, Andrea and Ben A. Nelson. "Refinement of the Chronology of La Quemada, Zacatecas, Mexico, Using Ceramic Seriation." <i>Latin American Antiquity</i> 31(1):61-80. DOI: 10.1017/laq.2019.106
2019	Fisher, Christopher T., Anna S. Cohen, Rodrigo Solinis-Casparius, Florencia L. Pezzutti, Jason Bush, Marion Forest, and Andrea Torvinen . "A Typology of Ancient Purépecha (Tarascan) Architecture from Angamuco, Michoacán, Mexico." <i>Latin American Antiquity</i> 30(3):510-528. DOI: 10.1017/laq.2019.50
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 US Southwest." <i>American Antiquity</i> 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 U.S.A.* 113(2):298-303. DOI: [10.1073/pnas.1506494113](https://doi.org/10.1073/pnas.1506494113)
- 2014 Freeman, Jacob C., John M. Anderies, **Andrea Torvinen**, and Ben A. Nelson. "Crop Specialization, Exchange and Robustness in a Semi-arid Environment." *Human Ecology* 42(2):297-310. DOI: [10.1007/s10745-013-9638-0](https://doi.org/10.1007/s10745-013-9638-0)

Peer-Reviewed Book Chapters:

- 2023 Millhauser, J.K., **Torvinen, A.**, Espinoza, V.Y.H., Salcedo, C.M., Nelson, B.A. Assembling Value in Mesoamerica. In *Realizing Value in Mesoamerica*, edited by S.R. Hutson and C. Golden, pp. 109-137. Palgrave Studies in Ancient Economies. Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-031-44168-4_5
- 2017 Freeman, Jacob, **Andrea Torvinen**, Ben A. Nelson, and John M. Anderies. "Diversity, Reciprocity, and the Emergence of Equity-Inequity Trade-offs." In *The Give and Take of Sustainability: Anthropological Perspectives on Tradeoffs*, edited by M. Hegmon, pp. 26-51. University of Cambridge Press: Cambridge.
- 2016 **Torvinen, Andrea**, Michelle Hegmon, Ann P. Kinzig, Margaret C. Nelson, Matthew A. Peeples, Karen G. Schollmeyer, Colleen Strawhacker, and Laura Swantek. "Transformation without Collapse: Two Cases from the U.S. Southwest." In *Beyond Collapse: Archaeological Perspectives on Resilience, Revitalization, and Transformation in Complex Societies*, edited by R. K. Fauseit, pp. 262-286. Southern Illinois University Press: Carbondale.

Manuscripts in Preparation:

- N.d. **Torvinen, Andrea**, Kostalena Michelaki, and Ben A. Nelson. Local Variants or Imports? Defining Petrographic Fabrics Among Regional Ceramic Traditions at La Quemada, Zacatecas, Mexico. Manuscript submitted to *Journal of Archaeological Science: Reports*.
- N.d. **Torvinen, Andrea** and Matthew A. Peeples. A Monte Carlo approach to estimating plausible ceramic similarity values from fabric characterizations. Manuscript in preparation for submission to *Advances in Archaeological Practice*.

Grants and Funding Received

External Research Grants

- 2023 Humanities Collections and Reference Resources, National Endowment for the Humanities, \$349,895 (A. Torvinen = PI; C. Nicholson = PI; B. Nelson = Co-PI; C. Schwartz = Co-PI)
- 2023 Archaeology Grants Program, Rust Family Foundation, \$7,115
- 2021 Postdoctoral Research Grant, Social, Behavioral and Economical Sciences, National Science Foundation, \$148,000
- 2018 Doctoral Dissertation Research Improvement Award, Archaeology Program, National Science Foundation, \$21,254
- 2013 Workshop Grant, Wenner-Gren Foundation, \$20,000

2010 Grant-in-Aid of Research, Sigma Xi Local Chapter, Arizona State University, \$400

Internal Research Grants

2023 Institute for Social Science Research Seed Grant, Arizona State University, \$8,000
(K. Michelaki = PI; A. Torvinen = Co-PI)
2016 Research Grant, ASU School of Human Evolution and Social Change, \$3,000
2016 Research Grant, ASU Graduate & Professional Student Association, \$2,000
2014 Research Grant, ASU Graduate & Professional Student Association, \$1,564

Fellowships, Scholarships, and Other Awards

Fellowships and Scholarships

2021-2023 SBE Postdoctoral Research Fellowship, National Science Foundation
2016-2017 Dissertation Writing Fellowship, ASU School of Human Evolution & Social Change
2007-2010 Doctoral Enrichment Fellowship, Arizona State University
2003-2007 Presidential Scholarship, Albion College
2003-2007 Diversity Scholarship, Albion College
2003-2007 Tribal Scholarship, Sault Ste. Marie Tribe of Chippewa Indians
2003-2005 Michigan Merit Award, State of Michigan
2004 Michigan Tuition Grant, State of Michigan
2003 Staff Scholarship, Dondero High School

Awards and Honors

2018 CLAS Graduate Excellence Award, Arizona State University
2017 Student Membership Award, Archaeology Division of the AAA
2017 CLAS Graduate Excellence Award, Arizona State University
2016 Student Membership Award, Archaeology Division of the AAA
2014 CLAS Graduate Excellence Award, Arizona State University
2010 Honorable Mention, Ford Foundation Pre-Doctoral Diversity Fellowship Program
2009 Honorable Mention, NSF Graduate Research Fellowship Program
2008 Honorable Mention, NSF Graduate Research Fellowship Program
2007 Phi Beta Kappa National Academic Honor Society
2004 Alpha Lambda Delta National Honor Society for First Year Students

Invited Talks

2020 A Monte Carlo approach to estimating plausible ceramic similarity values from fabric characterizations. December 18th, Ceramic Analysis Exchange, Laboratory for Interdisciplinary Research on Archaeological Ceramics (LIRAC) at McMaster University and Ceramic Technology Lab (CTL) at the University of Florida. **Andrea Torvinen** and Matthew A. Peeples.
2020 Análisis dendrocronológico y radiocarbono durante el Epiclásico en el noroeste de Mesoamérica. September 14th, Webposio Arqueología del Occidente de México, YouTube recording: <https://youtu.be/QYqB1CNQMIU?t=4256>. Paula Turkon, **Andrea Torvinen**, Sturt Manning, and Carol B. Griggs.
2020 Re-evaluar y ampliar la tipología cerámica de La Quemada, Zacatecas, Mexico (600-800 CE). August 24th, Webposio Arqueología del Occidente de México, YouTube recording: https://youtu.be/Ze381_zEK4I?t=6217.

- 2019 Social Identification and the Capacity for Collective Action at La Quemada, Zacatecas, Mexico (600-800 CE). May 28th, Archéologie des Amériques (UMR 8096), Université Paris 1 – Panthéon-Sorbonne, Paris, France.
- 2009 Intraregional Interaction through Ceramic Exchange. May 19th, Unidad Académica de Antropología, Universidad Autónoma de Zacatecas, Zacatecas, Mexico.

Conference Participation

- 2023 **Discussant**, *Realizing Value in Mesoamerica: The Dynamics of Desire and Demand in Ancient Economies*. Lightning Round moderated by Scott Hutson and Charles Golden for the 88th Annual Meeting of the Society for American Archaeology, March 29-April 2, Portland, OR.

Symposia/Workshops Organized

- 2024 **Organizer**, *Ceramic Petrographers in the Americas: Recent research and methodological advances*. Poster session organized for the 89th Annual Meeting of the Society for American Archaeology, April 17-21, New Orleans, LA.
- 2023 **Co-organizer** (with Kostalena Michelaki and Neill Wallis), *Workshop: How to Participate in the Pan-American Ceramics Project*. Workshop organized for the 2023 Southeastern Archaeological Conference, October 25-28, Chattanooga, TN.
- 2023 **Co-organizer** (with Paulina Pryzstupa and Wade Campbell), *Working with CARE and Indigenous Data Sovereignty as Accomplices*. Listening Session organized for the 2023 International Conference of Indigenous Archives, Libraries, and Museums, October 24-26, Oklahoma City, OK.
- 2023 **Co-organizer** (with Robert Bischoff and Christopher Schwartz), *Emergent Material Networks in the US Southwest and Mexican Northwest and Beyond*. Session organized for the 18th Biennial Southwest Symposium Archaeological Conference, January 5-7, Santa Fe, NM.
- 2019 **Co-chair** (with Loni Kantor and Nora Rodriguez Zariñán), *Journeying to the South, from Mimbres to Malpaso and Beyond: Papers in Honor of Ben A. Nelson / Peregrinando al sur, de Mimbres a Malpaso y más allá: aportaciones en honor de Ben A. Nelson*. Symposium organized for the 84th Annual Meeting of the Society for American Archaeology, April 10-14, Albuquerque, NM.
- 2018 **Chair**, *Ceramic Petrographers in the Americas: Promoting the advancement and application of petrography in archaeology*. Poster Symposium organized for the 83rd Annual Meeting of the Society for American Archaeology, April 11-15, Washington, D.C.
- 2017 **Organizer and Chair**, *The Application of Collective Social Identification Theory to Archaeological Case Studies*. Symposium organized for the 116th Annual Meeting of the American Anthropological Association, November 29-December 3, Washington, D.C.
- 2016 **Chair**, *People, Pottery, and Petrography: Recent research in ceramic petrography*. Poster Symposium organized for the 81st Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, FL.
- 2015 **Co-chair** (with Nora Rodriguez Zariñán), *Advances in the archaeology of West Mexico and the surrounding areas*. Symposium organized for the 80th Annual Meeting of the Society for American Archaeology, April 15-19, San Francisco, CA.

- 2014 **Co-organizer** (with Ben A. Nelson), *Ceramic Metatypology for Northwest Mexico*. Workshop organized as part of the Wenner-Gren Foundation Workshop Grant Program, June 13, Guadalajara, JAL.
- 2014 **Co-chair** (with Jacob Freeman, Colleen Strawhacker, and Seth Brewington), *Archaeological Studies of the Long-Term Resilience of Food Supplies to Climatic Shocks in Arid North America and the North Atlantic*. Symposium organized for the 2014 Resilience Conference, May 4-8, Montpellier, France.
- 2014 **Co-chair** (with Nora Rodriguez Zariñán), *Recent archaeological research in North and West Mexico*. Symposium organized for the 79th Annual Meeting of the Society for American Archeology, April 23-27, Austin, TX.
- 2014 **Co-organizer** (with Ben A. Nelson), *Ceramic Metatypology for Northwest Mexico*. Workshop organized as part of the Wenner-Gren Foundation Workshop Grant Program, April 22-23, Austin, TX.
- 2010 **Co-organizer and co-chair** (with Bridget Zavala), *Recent investigations on the archaeology of Northwest Mexico*. Symposium organized for the 75th Annual Meeting of the Society for American Archaeology, April 14-18, St. Louis.

Papers Presented

- 2024 *Creating a Digital Reference Collection for the La Quemada-Malpaso Valley Archaeological Project*. Paper to be presented at the 89th Annual Meeting of the Society for American Archaeology, April 17-21, New Orleans, LA. **A. Torvinen**, C. Nicholson, B. Nelson, C. Schwartz.
- 2023 *Pan-American Ceramics Project: Increasing the accessibility and interoperability of ceramic data in the digital age*. Paper presented at the 88th Annual Meeting of the Society for American Archaeology, March 30-April 2, Portland, OR. K. Michelaki, **A. Torvinen**, and A. Berlin.
- 2023 *The Role of Collective Action in Community Resilience in Northwest Mexico*. Paper presented at the 18th Biennial Southwest Symposium Archaeological Conference, January 5-7, Santa Fe, NM.
- 2022 *Collective social identities through ceramic production: A techno-petrographic analysis of the assemblage from La Quemada, Zacatecas, Mexico (600-800 CE)*. Paper presented at the 87th Annual Meeting of the Society for American Archaeology, March 30-April 2, Chicago, IL.
- 2021 *Communities of practice at La Quemada, Zacatecas, Mexico: A re-classification of the ceramic assemblage using the chaîne opératoire approach*. Paper presented in the Ceramic Ecology session at the Annual Meeting of the American Anthropological Association, November 17-21, Baltimore, MD.
- 2021 *A Monte Carlo approach to estimating plausible ceramic similarity values from fabric characterizations*. Paper presented at the 86th Annual Meeting of the Society for American Archaeology, April 14-18, San Francisco, CA. **A. Torvinen** and M. Peeples.
- 2019 *Investigación etnoarqueológica de la práctica ritual en at La Quemada, Zacatecas, Mexico*. Paper presented at the II Coloquio de Antropología e Historia de Durango y áreas circunvecias, November 21-23, Durango, Dgo.

- 2019 *Social Identification and Collective Action at La Quemada, Zacatecas, Mexico*. Paper presented at the 84th Annual Meeting of the Society for American Archaeology, April 10-14, Albuquerque, NM.
- 2019 *The Contribution of Tree-Ring Studies to Archaeological Research in Northwestern Mesoamerica*. Paper presented at the 84th Annual Meeting of the Society for American Archaeology, April 10-14, Albuquerque, NM. P. Turkon, S. Manning, C. Griggs, **A. Torvinen**, B. Nelson.
- 2017 *Evaluating shifts in categorical identification along the Epiclassic northern frontier of Mesoamerica, A.D. 500-900*. Paper presented at the 116th Annual Meeting of the American Anthropological Association, November 29-December 3, Washington, D.C.
- 2017 *Afinamientos a la cronología de La Quemada y sus implicaciones para la identidad colectiva en la frontera septentrional de Mesoamérica*. Paper presented at the XXXI Mesa Redonda de la Sociedad de Mexicana de Antropología, October 2-6, Ensenada, Baja California. **A. Torvinen** and B. Nelson.
- 2017 *Establishing the nature and scale of ritual behavior at La Quemada, Zacatecas, Mexico*. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology, March 29-April 2, Vancouver, BC.
- 2016 *Integrating Ceramic Data through Metatypology: An Example from Northwest Mexico*. Paper presented in the Ceramic Ecology session of the 115th Annual Meeting of the American Anthropological Association, November 16-20, Minneapolis, MN. **A. Torvinen**, C. Pomédio, B. Nelson, N. Rodriguez Zariñán.
- 2015 *Descifrando los componentes de las cerámicas pseudo-cloisonné del occidente de México, por espectroscopia de infrarrojo*. Paper presented at the Segundo Congreso Internacional el Patrimonio Cultural y las Nuevas Tecnologías, October 12-16. M. Vega, B. Nelson, **A. Torvinen**, R. Molina.
- 2015 *Refinement of the La Quemada Chronology and its Implications for Inter-polity Interaction along the Northern Frontier of Mesoamerica*. Paper presented at the 80th Annual Meeting of the Society for American Archaeology, April 15-19, San Francisco, CA. **A. Torvinen**, B. Nelson, S. Kulow.
- 2014 *Decoración pseudo-cloisonné en La Quemada: identidad, intercambio, tecnología y práctica ritual*. Paper presented at the Taller de Cerámica Pseudo-cloisonné de Norte y Oeste México, Teúl de Gonzalez Ortega, Zac. B. Nelson, N. Rodriguez Zariñán, N. Strazicich, **A. Torvinen**, S. Kulow.
- 2014 *Developing regional chronologies using ceramic metatypologies: An example from Northwest Mexico*. Paper presented at the 79th Annual Meeting of the Society for American Archaeology, April 23-27, Austin, TX. **A. Torvinen**, B. Nelson, C. Pomedio, N. Rodriguez.
- 2013 *Testing the Application of Adaptive Governance of Common Pool Resources: An Archaeological Perspective*. Paper presented at the Global Human Ecodynamics Alliance 2013 Open Workshop in Sustainability Science and Education, November 4-6, College Park, MD. **A. Torvinen** and G. Snitker.
- 2013 *La Cerámica Decorada del Valle de Malpaso, Zacatecas*. Presentation at the Taller de Cerámica de Norte y Oeste México, June 13-14, Teúl de Gonzalez Ortega, Zac. **A. Torvinen**, B. Nelson, V. Schiavitti and N. Rodriguez.

- 2013 *Completed Long-Term Experiments? Mobilizing Archaeology in the Anthropocene.* Paper presented at the Theoretical Archaeology Group, May 9-11, Chicago, IL. T. McGovern, J. Arneborg, S. Brewington, L. Comeau, A. Dugmore, G. Hambrecht, K. Kintigh, C. Madsen, M. Hegmon, S. Ingram, M. Nelson, R. Oram, M. Peeples, B. Shears, I. Simpson, K. Smiarowski, G. Snitker, K. Spielmann, C. Strawhacker, **A. Torvinen**, O. Vésteinsson.
- 2013 *Transformation Without Collapse: Two Cases from the American Southwest.* Paper presented at the 29th Annual Southern Illinois University Visiting Scholar Conference, March 1-2, Carbondale, IL. **A. Torvinen**, M. Hegmon, A. Kinzig, M. Nelson, M. Peeples, K. Schollmeyer, C. Strawhacker, L. Swantek.
- 2012 *Testing the Application of Adaptive Governance of Common Pool Resources: An Archaeological Perspective.* Paper presented at the CUNY Human Ecodynamics Research Center 2012 Open Workshop in Sustainability Science and Education, October 15, New York City, NY. **A. Torvinen**, G. Snitker and R. Stotts.
- 2012 *The Rituality of Deposits: An Ethnoarchaeological Approach.* Paper presented at the 77th Annual Meeting of the Society for American Archaeology, April 18-22, Memphis, TN.
- 2011 *The Integration and Accessibility of Open Spaces in Sacapu Angamucu, Michoacán: A Space Syntax Approach.* Paper presented at the 76th Annual Meeting of the Society for American Archaeology, March 30-April 3, Sacramento. **A. Torvinen** and C. Fisher.
- 2011 *Analyzing the Impact of Crop Specialization in a Maize-Agave Integrated Prehispanic Market System in Northern Mexico.* Paper presented at Resilience 2011: Second International Science and Policy Conference, March 11-16, Tempe. J. Freeman, **A. Torvinen**, J. Anderies, B. Nelson and A. Kinzig.
- 2010 *Multi-Scalar Analysis of Ceramic Exchange at a Regional Center in Northwest Mexico.* Paper presented at the 75th Annual Meeting of the Society for American Archaeology, April 14-18, St. Louis.
- 2005 *Archaeozoology at New Philadelphia, Pike County, Illinois.* Paper presented at the 49th Annual Conference in Illinois Archaeology (Theme: Ethnic and Racial Identities in the Archaeological Record), sponsored by the Illinois Archaeological Survey, Inc., September 17, Champaign. T. Martin and **A. Torvinen**.

Posters Presented

- 2022 *Pan-American Ceramics Project: A digital tool for synthetic research, inclusivity, and educational outreach.* Poster presented at ~~Frontiers~~ in Archaeological Sciences 3: Rethinking the Paradigm. October 7-9, Ithaca, NY. **A. Torvinen**, A. Berlin, and K. Michelaki.
- 2018 *Defining petrographic fabrics among regional wares at La Quemada, Zacatecas, Mexico / Definiendo los grupos petrográficos entre los lozas regionales a La Quemada, Zacatecas, Mexico.* Poster presented at the 83rd Annual Meeting of the Society for American Archaeology, April 11-15, Washington, D.C.
- 2018 *Ceramic Petrographers in the Americas: An Introduction to our Mission and Goals / Comunidad Americana de Petrografía Cerámica: Una Introducción a nuestro Misión y Objetivos.* Poster presented at the 83rd Annual Meeting of the Society for American Archaeology, April 11-15, Washington, D.C. Y. Tonoike, **A. Torvinen**, M. Ownby.

- 2016 *Petrographic analysis of decorated ceramic types from La Quemada, Zacatecas, Mexico.* Poster presented at the 81st Annual Meeting of the Society for American Archaeology, April 6-10, Orlando, FL.
- 2015 *Modeling Prehispanic Agricultural Risk Landscapes in the Cibola Region of the U.S. Southwest.* Poster presented at the 80th Annual Meeting of the Society for American Archaeology, April 15-19, San Francisco, CA. J. Norberg, J. Anderies, J. Sandor, G. Snitker, **A. Torvinen**.
- 2013 *Assessing the Role of Diversity in the Resilience of Social-Ecological Systems in the US Southwest.* Poster presented at the 78th Annual Meeting of the Society for American Archaeology, April 3-7, Honolulu, HI. **A. Torvinen**, M. Hegmon, M. Peeples, W. Russell, K. Schollmeyer, L. Swantek.
- 2013 *Testing the Application of Adaptive Governance of Common Pool Resources: An Archaeological Perspective.* Poster presented at the 78th Annual Meeting of the Society for American Archaeology, April 3-7, Honolulu, HI. G. Snitker, **A. Torvinen**, R. Stotts.
- 2010 *Ring Around the Kula: An Agent-Based Modeling Approach to Network Formation.* Poster presented at the 11th Annual Graduates in Earth, Life, and Social Sciences Symposium, February 26, Arizona State University, Tempe. R. Stotts and **A. Torvinen**.
- 2010 *A Multi-dimensional Analysis of Exchange and Violence in West-Central New Mexico / Un Análisis Multidimensional sobre el Intercambio y Violencia en el Parte Oeste-central de Nuevo México.* Poster presented at the 2010 Southwest Symposium, January 8-9, University of Sonora, Hermosillo, Sonora. **A. Torvinen** and M. Peeples.
- 2009 *An Analysis of Travel Costs among Proposed Trading Partners in Northern Mexico.* Poster presented at the 74th Annual Meeting of the Society for American Archaeology, April 22-26, Atlanta.

Teaching Experience

Courses offered at Chandler-Gilbert Community College

- ASB 211: Women in Other Cultures (online, 3 semesters)
- ASB 253: Death & Dying Across Cultures (online, 4 semesters)

Courses offered at Estrella Mountain Community College

- ASB 211: Women in Other Cultures (online, 1 semester; in-person, 1 semester)
- ASB 222: Buried Cities, Lost Tribes: Old World (in-person, 2 semesters)
- ASB 223: Buried Cities, Lost Tribes: New World (online, 3 semesters; in-person, 1 semester)

Graduate Teaching Associate, ASU, School of Human Evolution & Social Change

- ASB 222: Buried Cities, Lost Tribes (online)
- ASB 223: Aztecs, Incas, and Mayas
- ASB 252: Anthropology of Sports
- ASB 335: Prehistory of the Southwest
- ASB 337: Prehispanic Civilizations of Mesoamerica
- ASB 394: Rules, Games & Society
- HON/SOS 494: Community of Undergraduate Research Scholars (COURS) Seminar, Barrett Honors College

Research Experience

- 2023-present **NADAC Scholar**, [Networking Archaeological Data and Communities](#), an NEH Institute for Advanced Topics in Digital Humanities facilitated by The Alexandria Archive Institute / Open Context; two-year program designed to enhance the accessibility and reusability of archaeological data by educating a diverse group of scholars in best practices for the collection and long-term management of project data, resulting in the *Data Literacy for Archaeologists Practice Guide*.
- 2022-present **Project Co-Director**, *La Quemada-Malpaso Valley Archaeological Project*, B. A. Nelson and A. Torvinen; Tempe, AZ and Zacatecas, ZAC, Epiclassic period, long-term curation and ongoing analyses of cultural remains excavated from the sites of La Quemada, Los Pilarillos, and El Potrerito, and development of a digital reference collection of diagnostic artifacts recovered from the Malpaso Valley.
- 2021-present **Project Co-Director**, [Pan-American Ceramics Project](#). NSF SBE Postdoctoral Research Fellowship Program. A. Torvinen and K. Michelaki; leading the creation of an open-access web application for improved accessibility and long-term reusability of ceramic data from the advent of pottery to the Historic Period throughout the Americas via collaborative workshops and with guidance from a Traditional Knowledge Network and Advisory Board.
- 2013-present **Project Co-Director**, *Ceramic Metatypology for Northwest Mexico*. Wenner-Gren Foundation Workshop Grant Program. A. Torvinen and B. A. Nelson; organizing development of a regional chronology using local ceramic typologies through the analysis and comparison of local ceramic typologies during two collaborative workshops that resulted a regional-scale ceramic metatypology.
- 2009-present **Project Director**, *Proyecto Petrografía de la Cerámica de La Quemada, Zacatecas, Mexico*. Tempe, AZ and Zacatecas, ZAC, Epiclassic period, petrographic and compositional analysis of regional ceramic styles to determine provenance and interpret the circulation mechanisms of widely distributed styles among or within polities located in the northern frontier region of Mesoamerica.
- 2021 **Technical Writer**, *AZTEC Engineering Group, Inc.* Phoenix, AZ, participated in and directed fieldwork at Hohokam village sites and wrote reports summarizing archaeological monitoring and data recovery for the company's Cultural Resources Group.
- 2020 **Participant**, *Cours de technologie céramique, Université Paris Nanterre (UMR 7055)*. V. Roux and S. Manem, dir. Paris, France, training course in the study of archaeological assemblages according to the *chaîne opératoire* concept covering its theoretical foundation and methods for reconstructing socioeconomic systems and technical changes.
- 2017-2018 **Graduate Research Associate**, *Mogollon Prehistoric Landscapes Project*. M. Nelson, dir. Tempe, AZ, organization and digitization of survey and excavation documentation from archaeological research conducted in the Mogollon region of southwest New Mexico within the Digital Archaeological Record online repository.
- 2017 **Invited Participant**, *Ceramic Petrographers in the Americas (CPA) Workshop*. M. Ownby, I. Druc, D. Killick, and S. Eckert, dir. Tucson, AZ, inaugural workshop meeting at the University of Arizona involving discussions of methodology,

research applications of petrography to archaeological projects, and future endeavors.

- 2015 **Graduate Research Associate**, *Long-term Vulnerability and Transformation Project*. National Science Foundation Coupled Natural-Human Systems Program. M. C. Nelson, dir. Tempe, AZ, assisted in the collection and analysis of data related to social diversity variables in case studies of social-ecological systems from the American Southwest and Northern Mexico, and the analysis of data associated with the presence of long-distance connections between the US Southwest and Mesoamerica.
- 2014-2015 **Graduate Research Associate**, *Long-term Vulnerability and Transformation Project*. National Science Foundation Coupled Natural-Human Systems Program. M. C. Nelson, dir. Tempe, AZ, assisted in data collection and development of a dynamical systems model designed to investigate the relationship between social and ecological configurations in the Cibola region, and the analysis of data associated with the presence of long-distance connections between the US Southwest and Mesoamerica.
- 2013-2014 **Crew Member**, *North Atlantic Biocultural Organisation: Skútustaðir Archaeological Project*. M. Hicks and A. Friðrikson, dir. Mývatn, Northern Iceland, Lándnam-Historic period, test trenching of a pagan burial site, midden excavation and lab analysis.
- 2014 **Graduate Research Associate**, *Connections and Impacts of North and West Mexican Cultures*, B. A. Nelson, dir. Tempe, AZ, assisted in the collection and analysis of data regarding a set of interaction markers that demonstrate connections between the US Southwest and Mesoamerica.
- 2011-2014 **Invited Participant**, *Collaborative working group meetings between the North Atlantic Biocultural Organization (NABO) and the Long-Term Vulnerability and Transformation Project (LTVTP)*. T. H. McGovern, M. C. Nelson, K.A. Spielmann, and T. Kohler, dir. National Science Foundation and Wenner-Gren supported collaborative meetings held in Edinburgh, San Diego, Akureyri, and Santa Fe.
- 2013-2014 **Graduate Research Associate**, *Long-term Vulnerability and Transformation Project*. National Science Foundation Coupled Natural-Human Systems Program. M. C. Nelson, dir. Tempe, AZ, assisted in research design, data collection and analysis of social connectivity variables associated with case studies of social-ecological systems from the US Southwest and Northern Mexico.
- 2013 **Invited Participant**, *Taller de Cerámica de Norte y Oeste México*. P. Jiménez Betts and L. Solar, dir. Teúl González de Ortega, Zac.
- 2012-2013 **Graduate Research Associate**, *Long-term Vulnerability and Transformation Project*. National Science Foundation Coupled Natural-Human Systems Program. M. C. Nelson, dir. Tempe, AZ, assisted in research design, data collection and analysis of social diversity variables observed at the household-, site- and regional-level in case studies of social-ecological systems from the US Southwest and Northern Mexico.
- 2012 **Program Assistant**, *Mogollon Prehistoric Landscapes Project*. K. G. Schollmeyer, dir. Truth or Consequences, NM, supervised undergraduate

students during excavation, lab analysis, interpretation of the archeological record and processing flotation samples.

- 2012 **Graduate Research Associate**, *Long-term Vulnerability and Transformation Project*. National Science Foundation Coupled Natural-Human Systems Program. M. C. Nelson, dir. Tempe, AZ, assisted in research design, data collection and analysis, and model building related to the degree of conformity and integration observed at the household-, site- and regional-level in case studies of social-ecological systems from the US Southwest and Northern Mexico.
- 2010-2011 **Crew Member**, *Legacies of Resilience: The Lake Pátzcuaro Basin Archaeological Project*. C. T. Fisher, dir. Pátzcuaro, Michoacán, Postclassic period, site survey, GIS, database management and lab analysis.
- 2010 **Graduate Research Associate**, *Long-term Vulnerability and Transformation Project*. M. C. Nelson, dir. Tempe, AZ, assisted in the development and expansion of the mathematical modeling section in a proposal for continued funds from NSF.
- 2008-2009 **Graduate Research Associate**, *La Quemada-Malpaso Valley Archaeological Project*. B. A. Nelson, dir. Zacatecas, Mexico, Epiclassic period, ceramic analysis, site visitation and sample collection.
- 2008 **Archaeologist I**, *Gila River Indian Community Cultural Resource Management Department*. J. A. Darling, dir. Central AZ, assisted in the survey and excavation of sites located within GRIC.
- 2006 **Field School Participant**, *NSF-REU Homol'ovi Undergraduate Research Opportunities Program*. L. C. Young, dir. Winslow, AZ, Southwest Pueblo IV period, use of mapping and remote sensing equipment, excavation techniques, sediment analysis (geomorphology), laboratory processing, basic knowledge of southwestern archaeology. Research project: The Little Colorado River and Its Effects on Past Communities.
- 2005-2006 **Undergraduate Research Assistant**, *Department of Anthropology & Sociology, Albion College*. S. Satsuka, dir. Transcription of taped interviews from her research on Japanese tourism in the Canadian Rocky Mountains.
- 2005 **Field School Participant**, *NSF-REU New Philadelphia Archaeological Project*. P. A. Shackel, dir. Barry & Springfield, IL, historic period, use of remote sensing equipment, excavation techniques, laboratory processing and analysis, float sample processing, macrobotanical and faunal analysis. Research project: Faunal Analysis of Feature #1.
- 2002 **Student Participant**, *Center for American Archaeology Summer Camp*. Kampsville, IL, excavation, laboratory processing and flotation sample processing.

Professional Service

- 2021-2027 **Member**, Fundraising Committee, Society for American Archaeology.
- 2021-2024 **Member**, Committee for the Award for Excellence in Archaeological Analysis, Society for American Archaeology.
- 2017-present **Webmaster**, Ceramic Petrographers in the Americas.

- 2015-2018 **Student Member**, Committee on the Status of Women in Archaeology, Society for American Archaeology.
- 2014-2015 **Graduate Reader Program**, School of Human Evolution & Social Change Association of All Graduate Students, Arizona State University.
- 2013-2014 **Graduate Student Mentor**, School of Human Evolution & Social Change, Arizona State University.
- 2012-2013 **Graduate Student Representative**, Archaeology Faculty Search Committee, School of Human Evolution & Social Change, Arizona State University.
- 2009-2012 **Graduate Student Mentor**, School of Human Evolution & Social Change, Arizona State University. 3 years.
- 2011 **Volunteer**, Resilience 2011: Second International Science and Policy Conference, Tempe, AZ.
- 2009-2011 **Archaeology Approach Representative**, School of Human Evolution & Social Change Association of All Graduate Students, Arizona State University. 2 years.
- 2009-2010 **Volunteer**, Society for American Archaeology Annual Meeting, Atlanta, GA and St. Louis, MO. 2 years.
- 2009 **Research Grant Reviewer**, Graduate & Professional Student Association, Arizona State University.
- 2008-2009 **Secretary**, School of Human Evolution & Social Change Association of All Graduate Students, Arizona State University.

Professional Memberships

American Anthropological Association (AAA)
 Association for Women in Science (AWIS)
 Ceramic Petrographers in the Americas (CPA)
 Global Human Ecodynamics Alliance (GHEA)
 Society for American Archaeology (SAA)
 Society for Archaeological Science (SAS)