

**Heather B. Thakar, PhD, RPA**

<https://liberalarts.tamu.edu/anthropology/profile/heather-thakar/>  
[Google Scholar h-index 10, i10-index 12, citations 864 \(8/30/2024\)](#)

Department of Anthropology  
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**Degrees Awarded**

- 2014 PhD Anthropology, University of California, Santa Barbara  
Dissertation: ["Food and Fertility in Prehistoric California: A Case-study of Risk-Reducing Foraging Behavior and Population Growth from Santa Cruz Island, California"](#)
- 2008 MA Anthropology, University of California, Santa Barbara
- 2004 BA Anthropology and History (*cum laude*), Texas Tech University

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**Research & Teaching Interests**

Archaeological Theory, Evolutionary Ecology, Foraging and Proto-agricultural Societies  
Coastal, North and Central American Archaeology (California, Mexico, Belize, Honduras, Nicaragua)  
Isotope Geochemistry, Radiocarbon Dating, ZooMS Collagen Peptide Fingerprinting  
Archaeobotany, Palynology, Zooarchaeology (specialized expertise in fish & shellfish analysis)  
Archaeological Ethics, Repatriation/Repatriation, Curation and Collections Management

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**Academic Appointments**

Texas A&M University

**2018 – Assistant Professor, Department of Anthropology**

- 2018 – Director, Radiocarbon and Stable Isotope Preparation Laboratory, Department of Anthropology  
2018 – Director, Archaeobotany and Palynology Laboratories, Department of Anthropology  
2018 – Affiliated Faculty, Stable Isotope Geosciences Facility  
2018 – Affiliated Faculty, Center for Study of the First Americans  
2018 – Associated Faculty, Ecology and Evolutionary Biology Doctoral Program  
2016 – NAGPRA Coordinator, Department of Anthropology
- 2016 – Summer 2023 Curator, Anthropology Research Collections, Department of Anthropology  
2016 – 2018 Instructional Assistant Professor, Department of Anthropology

Temple University

- 2014 – 2016 Director, Anthropology Laboratory and Museum, Department of Anthropology  
2014 – 2016 Assistant Professor of Instruction, Department of Anthropology  
2014 – 2016 NAGPRA Coordinator, Department of Anthropology

University of California, Santa Barbara

- 2010 – 2014 Summer Teaching Associate (Instructor of Record) Department of Anthropology  
2013 – 2014 GIS Analyst, Central Coast Information Center, State Office of Historic Preservation  
2010 – 2013 Assistant Curator, Repository for Archaeological Collections, Department of Anthropology  
2006 – 2014 Teaching Assistant, 18 academic quarters, Department of Anthropology

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**Honors and Awards**

**2024 Association of Former Students College of Arts and Sciences Teaching Award**, Texas A&M University.  
This award is designed to honor those teachers who maintain high expectations of their students and who ensure academic rigor in their courses. Distinguished teachers recognize their responsibility in motivating and contributing to the overall development of the student. Awardees are chosen in late summer by a college-level committee.

**2023 Montague-Center for Teaching Excellence Scholar**, Texas A&M University.  
Academic colleges annually select one tenure-track developing faculty member for the Montague-Center for Teaching Excellence Scholar designation. Ten scholar-awards are given annually to assistant professors based on their early success in and passion for teaching undergraduate students.

- 2023 College of Arts and Sciences Research Impact Award**, Texas A&M University.  
This award recognizes faculty who have outstanding records of research that is transforming their discipline (and/or society). Successful nominees are recognized as leaders who, advancing the field in new directions. Three awards are designated annually to assistant professors/assistant research professors.
- 2020 ADVANCE Diversity Champion, Dean of Faculties**, Texas A&M University.  
This special recognition at Texas A&M University is designed to identify and celebrate individuals who are making meaningful contributions to diversity and inclusion efforts at Texas A&M. In other words, it is a designation that recognizes those who are metaphorically sending out those invitations AND asking people to dance, and thus helping to change the institutional culture at Texas A&M.
- 2020 Sigma Xi Scientific Research Society Membership Nomination.  
2018 Teaching & Mentorship Impact Recognition, Veteran Resource and Support Center, Texas A&M University.  
2015 Best Research Poster, Ethnobiology 38th Annual Meeting, Santa Barbara, CA.  
2015 Dissertation Award Nomination, Society for American Archaeology, Nominated by Dissertation Committee.  
2011 National Ethics Bowl Championship Team, Society for American Archaeology.  
2008 High Pass on M.A. Comprehensive Exams, University of California, Santa Barbara.  
2002 – 2004 President's List/ Dean's List, Texas Tech University.  
2001 Phi Beta Kappa Superior Academic Achievement Award *summa cum laude*  
2000 National Merit Commended Scholar

## RESEARCH, SCHOLARLY & CREATIVE WORK

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### Federal Grants, Competitive and Peer-Reviewed (Funded N=5)

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2024 In Preparation

**Principal Investigator**, "Isoscapes of Mexico and Central America: Detecting Migration Patterns Past and Present" National Science Foundation Research Grant (Solicitation TDB), with Dr. Jason de Leon (UCLA).

2024 (September 16, 2024) Submitted

**Fulbright Scholar Award** Code 25340-CL, 3-4 months Social Sciences, Humanities and Education Research/Teaching (March 2026 – July 2026) Fulbright U.S. Scholar Program in Chile.

2024 (December 2, 2024) In Preparation, Maestro Proposal # 2406621

**Principal Investigator**, "Developing New World Zooarchaeology by Mass Spectrometry (ZooMS): Systematic development of new peptide biomarkers for improved identification of Pacific marine fish and aquatic" National Science Foundation NSF 23-573: Archaeometry Program (TAMU \$300,000).

2024 (March) Submitted Temporary Proposal ID 177601

**Principal Investigator**, "Advancing access to pollen reference data through digitization of the Pollen Reference Collections to create online public access Atlas of North American Quaternary and Bee Pollen and Spores" National Science Foundation Biological Collections NSF-23-580: Collaborative Grant (\$399,137 [TAMU \$158,404]), with Andrea Nurse (PI-UMaine CCI).

2020 – 2025 **Principal Investigator**, "Landscape Transformations and the Evolution of Coastal Settlements in Central America", Funding: National Science Foundation Senior Research Archaeology Program Collaborative Grant (\$272,685 [TAMU \$110,765]) BCS-2023089, with Hector Neff (PI-CSULB).

2019 – 2020 **Principal Investigator**, National Science Foundation Archaeology Program Research Experience for Undergraduate Grant Supplement (\$6000) BCS-1757374.

2018 – 2022 **Principal Investigator**, "Domestication, Food Production & Wild Plant Use during the Holocene" Funding: National Science Foundation Senior Research Archaeology Program Collaborative Grant (\$136,636 [TAMU \$42,960]) BCS-1757374, with Amber VanDerwarker (PI-UCSB), Douglas Kennett (PI-PSU), and Kenneth Hirth (Collaborator-PSU).

2018 – 2022 **Principal Investigator**, "Preparation for Meaningful Consultation through Documentation and Inventory of New Discoveries and Collaboration with Tribal Partners" National Park Service Native American Graves Protection and Repatriation Act Program (\$88,993) FAIN #P18AP00350.

2011 – 2014 **Co-Principal Investigator**, “Food & Fertility in Prehistoric California: Risk-Reducing Behavior and Prehistoric Population Growth from Santa Cruz Island, California” National Science Foundation Archaeology Program Dissertation Improvement (\$19,900) Grant BCS-1113057, with Dr. Michael Glassow (PI-UCSB).

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**Internal Grants, Competitive and Peer-Reviewed (Funded N=35)** excludes travel awards and bursary

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2024 March Support Assistant Professors to Visit Funding Agencies, Office of the Dean, College of Arts and Sciences, Texas A&M University (\$2500)

2023 - 2024 **Principal Investigator**, “Southern Land-Grant Universities and Legacies of Colonialism”, Strategic Transformative Research Program (\$10,000), with Dr. Angela Hudson and Sarah Potvin, Funded December 2023.

2023 **Principal Investigator**, S<sup>34</sup> isotopic analysis of volcanic sediments from Nicaragua. College of Arts & Science Undergraduate Research Program Award, with Kasey Corey (\$2500) TAMUS.

2023 **Principal Investigator**, O<sup>18</sup> isotopic analysis of archaeological marine shell from El Tigre Island, Honduras. College of Arts & Science Undergraduate Research Program Award with Christopher Self (\$2500) TAMUS.

2022 – 2023 **Principal Investigator**, “Using light and sound to assess preservation of organic biomolecules.” Halls Cave Collaborative Research Program with Sandia National Laboratory Exploration Mini-Grant (\$1500), Texas A&M University System (TAMUS) National Laboratories Office (NLO).

2022 – 2023 **Team Leader**, “Team-Based Approach to Integrating University Research with Citizen Science Conservation Efforts: Lights Out Texas,” with Heather Prestridge (Lead), Gary Voelker, Sarah Hamer, and Mary Compton, Funding (\$20,000) School of Innovation 2022 Innovation X Grant, Texas A&M University.

2021 – 2023 **Principal Investigator**, “Understanding the Role of Indigenous Lands and Peoples for Texas A&M University” with Sarah Potvin and Angela Hudson, Funding (\$30,000) T3 Texas A&M Triads for Transformation, President’s Excellence Fund Seed Grant, Texas A&M University.

2022 **Principal Investigator**, International Research Support (\$1500), College of Liberal Arts, TAMU.

2022 **Principal Investigator**, Publication Support Grant (\$2000) Melbern G. Glasscock Center for Humanities Research, TAMU.

2021 **Principal Investigator**, “Palynological Analysis of Preliminary Sediment Core from Nicaragua.” Summer Research Grant (\$2000), College of Liberal Arts, TAMU.

2021 **Team Leader**, “The Gulf Coast Heritage Preparedness Initiative.” Texas A&M University President’s Excellence Fund Interdisciplinary Research X-grants Round 4 (\$325,000) with Roberts, Andrea (Lead PI TAMU), Potvin, Sarah; Hankins, Rebecca; Gatson, Sarah; Laddusaw, Sierra; Muise, Ian; Masterson, Jaimie; Thapa, Jeewasmi; Cooper, John T., Jr; Rumbach, Andrew; Harden, Troy; Goodman, Jeanne; Davis, Carol Branch <https://hdl.handle.net/1969.1/195174>

2021 **Principal Investigator**, “Visualizing Texas A&M’s Indigenous Land Grab.” Summer Technical Assistance Grant Center of Digital Humanities Research (CoDHR), TAMU. The award is for 34 hours of professional assistance.

2020 **Principal Investigator**, University of Georgia Quaternary Isotope Paleoecology Lab and Center for Archaeological Sciences Campus Visit.” Southeastern Conference (\$1700) Visiting Faculty Travel Grant Program.

2019 – 2021 **Team Leader**, “Computed Tomography (CT) Technology Driving Innovative and Creative Uses of Natural History Collections Across Disciplines” with Heather Prestridge (Lead), Sarah Potvin (Co-lead), Kevin Conway, Lawrence Griffing, and Mary Compton, Funding (\$20,000) School of Innovation 2019 Innovation X Grant, Texas A&M University.

2017 **Faculty Fellow**, Student Success Faculty Fellowship, Transformational Learning Grant (\$10,000) Center for Teaching Excellence, Texas A&M University.

2016 **Principal Investigator**, “Enhancing Cultural Heritage Preservation, Research, and Education through Strategic Investment in the Anthropology Laboratory and Museum” (\$105,000) with Paul Farnsworth (department Chair), College of Liberal Arts, Temple University.

2015 – 2016 **Faculty Fellow**, Integrative Learning Teaching Circle Fellowship, Instructional Improvement Grant

(\$3000) Teaching and Learning Center, Temple University.

- 2015 **Principal Investigator**, Anthropology Laboratory and Museum, NAGPRA Compliance Curation Support (\$82,137), Office of Research, Temple University.
- 2012 Instructional Improvement Grant (\$18,325) Enhancing ANTH 3: Introduction to Archaeology, UCSB.
- 2012 Peter Paige Memorial Fund Research Grant (\$2500) UCSB.
- 2012 Summer Research Award (\$500) Department of Anthropology, UCSB.
- 2012 Doctoral Student Research Travel Grant (\$685 travel funds) Academic Senate, UCSB.
- 2012 Albert Spaulding/Elman Service Fellowship (\$2500) University of California, Santa Barbara
- 2012 Affiliates Dissertation Fellowship (\$2500) Graduate Division, University of California, Santa Barbara
- 2011 Dean's Advancement Fellowship (\$6000) Graduate Division, University of California, Santa Barbara
- 2011 Peter Paige Memorial Fund Research Grant (\$2500) Department of Anthropology, UCSB.
- 2011 Humanities and Social Sciences Research Grant (\$2000) Graduate Division, UCSB.
- 2011 Summer Research Award (\$1500) Department of Anthropology, UCSB.
- 2010 Luce Environmental Science Research Grant (\$5000) Marine Science Institute, UCSB.
- 2009 Peter Paige Memorial Fund Research Grant (\$2500) Department of Anthropology, UCSB.
- 2008 Mildred E. Mathias Graduate Student Research Grant (\$2000) UC Natural Reserve System.
- 2008 Peter Paige Memorial Fund Research Grant (\$500) Department of Anthropology, UCSB.
- 2007 Peter Paige Memorial Fund Grant (\$2000) UCSB.
- 2006 – 2014 Merit-based Tuition & Fee Fellowships, University of California, Santa Barbara
- 2001 – 2004 Presidential Endowed Fellowship, Texas Tech University

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#### Other Significant Research Activities

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- 2024 – present **Principal Investigator**, "Isoscapes of Mexico and Central America: Detecting Migration Patterns Past and Present", Pilot Project Study with two rural Mayan communities (el Municipio de Santiago de Pinar y el Municipio de Tenejapa) in the highlands of Chiapas, Mexico, with Dr. Jason de Leon (PI-UCLA) and Sna Jtz'ibajom Cultura de los Indios Mayas A.C., Funding: MacArthur Foundation, Texas A&M University.
- 2024 – present **Principal Investigator**, "ZooMS Collagen Peptide Mass Fingerprinting of faunal collections at the Smithsonian Tropical Research Institute", with Dr. Ashley Sharpe (PI-STRI). Funding: Smithsonian Tropical Research Institute.
- 2017 – present **Research Collaborator**, "Early Holocene Human Ecology and Culture in the Southern Lowlands of Belize: Excavations at Mayahab Cab Pek and Saki Tzul Rockshelters in the Maya Mountains in the Bladen Nature Reserve, with Dr. Keith Prufer (PI-UNM).
- 2022 – 2023 **Principal Investigator**, "Collagen fingerprinting of archaeological faunal remains: Pilot Project", with Dr. Angela Perri (PI-TAMU). Funding: Center for the Study of the First Americans and the Texas A&M University System National Laboratories Office.
- 2020 – 2021 **Research Collaborator**, "The Social Lives of Archaeological Repositories" with Terry Childes (PI-NPS) and Danielle Benden (PI), Funding: Wenner-Gren Workshop Grant.
- 2018 – 2023 **Research Collaborator**, "High-Precision Radiocarbon Dating, Bayesian Analysis and Integration of Chronostratigraphy for Arlington Springs Man 13,500 cal BP. with Dr. John Johnson (PI- Santa Barbara Natural History Museum).
- 2014 **Co-Principal Investigator**, Pilot Project: Transition to Agriculture along the Soconusco Coast of Chiapas: Field Reconnaissance and Initial Planning Project. with Dr. Barbara Voorhies (PI-UCSB), Funding: UC Mexus.
- 2009 **Field Archaeologist**, Tlacuachero Shellmound Research Project in Chiapas, Mexico. with Dr. Barbara Voorhies (PI-UCSB), Funding: National Geographic Society.
- 2007 **Field Archaeologist**, Paleolithic/Mesolithic Lake Federsee Excavation Project in Kappel, Germany. with Dr. Michael Jochim (PI-UCSB), Funding: Landesdenkmalamt Baden-Württemberg.
- 2006 – 2014 **Field Archaeologist**, Northern Channel Islands Survey and Field Research. with University of California, Santa Barbara and the National Park Service on the Northern Channel Islands, California.

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#### Peer-Reviewed Books (N=1)

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- 2023 **Thakar, Heather B.** and Carola Flores Fernandez (eds.) "Human Behavioral Ecology and Coastal

Environments". University Press of Florida: Society and Ecology in Island and Coastal Archaeology Series. 296 pages. ISBN 13:9780813069586.

This volume pulls together an author team of prominent coastal archaeologists from around the world. I am the project lead and the primary editor for this book project. I conceptualized the entire volume, cultivated each chapter by working closely with the authors through multiple iterations, and brought this work to fruition. I am also the lead author of a substantive and critical review on the status of human behavioral ecology in coastal environments, co-author on two original research chapters in this book, and lead author of a reflective and forward-looking concluding chapter.

The University of Florida Press is a well-established, high-quality academic press. The Society and Ecology in Island and Coastal Archaeology Series is edited by well-known coastal archaeologists, Scott Fitzpatrick and Victor Thompson, and has published several impactful manuscripts.

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## Peer Reviewed Journal Articles

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### \*New and Revised Journal Articles Submitted or to be Submitted 2024\* (N=5)

2024 (August: In Review) New research manuscript for submission to *Nature Communications*.

Wann, Kevin W.\*, [Heather B. Thakar](#), Courtney Hoffman, Logan Kistler, "Wild Avocado Herbarium Genomes highlight complex geographic origins of domestication". Full manuscript complete.

2024 (August: In Review) New research manuscript submitted to *Proceedings of National Academy of Sciences*.

VanDerwarker, Amber, [Heather B. Thakar](#), Douglas Kennett, Victoria Newhall\*, Kevin W. Wann\*, Alejandra Domic, Kenneth Hirth, "A New Locus for Avocado Domestication in Mesoamerica: Evidence for 8,000 years of human selection and tree management at El Gigante, Honduras". Full manuscript complete.

2024 (August: Prepared for Submission) New Research submitted to

Alsgaard\*, Viorel Atudorei, Heather Thakar, "Fishing during the agricultural transition in the Soconusco Region, Mexico," Full manuscript complete.

2024 (August: In Progress) New research for submission to *Journal of Island and Coastal Archaeology*.

[Heather B. Thakar](#), James Daniels\*, Angela Achorn\*, Hector Neff "Intensification of Archaic period crab exploitation on the southern Pacific coast of Mexico". Data Analysis in process.

2024 (August: In Progress) New research manuscript for submission to *Nature Scientific Reports*.

[Heather B. Thakar](#), Amber Vanderwarker, Logan Kistler, Kenneth Hirth "Evidence of ancient maize landraces from El Gigante, Honduras". Data Analysis in process.

### \*Journal Articles Published 2011 – 2024\* (N=17)

2024 (ACCEPTED) Glassow, Michael and [Heather B. Thakar](#), "Issues in Understanding Interior Settlement During the Period of Red Abalone Middens on Santa Cruz Island". *The Western North American Naturalist*.

2024 (ACCEPTED) Wann, Kevin W\*. and [Heather B. Thakar](#) "The Avocado (*Persea americana*): Recent Perspectives in Genetics, Archaeology, and Ethnography". *Journal of Ethnobiology*.

2024 Domic, Alejandra I., Amber VanDerwarker, [Heather B. Thakar](#), Kenneth Hirth, José M. Capriles, Timothy E. Scheffler, and Douglas J. Kennett, "Archaeobotanical Evidence Supports Indigenous Cucurbit Domestication in the Mesoamerican Neotropics". *Nature Scientific Reports* 14(1):10885. <https://doi.org/10.1038/s41598-024-60723-1>

2024 Alsgaard, Asia\* and [Heather B. Thakar](#), "Fishing further inland? The role of the transition to agriculture on fishing practices in the Soconusco Region, Mexico". *Journal of Island and Coastal Archaeology* 2014:1-19. <https://doi.org/10.1080/15564894.2024.2341387>

2024 Johnson, Taryn\*, [Heather B. Thakar](#), Anna Linderholm, and Joe Watkins, "Ethical Best Practices: Ancient DNA from Composite Samples." *Advances in Archaeological Practice* (2024)1-12. <https://doi.org/10.1017/aap.2023.32>

2023 Kennett, Douglas J., Harper, Thomas K., VanDerwarker, Amber, [Thakar, Heather B.](#), Domic, Alejandra, Blake, Michael, Benz, Bruce, George, Richard J., Scheffler, Timothy E., Culleton, Brendan., Kistler, Logan, Hirth, Kenneth, "Trans-Holocene Bayesian chronology for tree and field crop use from El Gigante rockshelter, Honduras." *Plos one* 18:6: e0287195. <https://doi.org/10.1371/journal.pone.0287195>.

- 2020 Kistler, Logan, Heather B. Thakar, Amber M. VanDerwarker, Alejandra Domic, Anders Bergstrom, Richard J. George, Thomas K. Harper, Robin G. Allaby, Kenneth Hirth, and Douglas J. Kennett "Archaeological Central American Maize Genomes Suggest Ancient Gene Flow from South America." *Proceedings of the National Academy of Sciences*, USA. <https://doi.org/10.1073/pnas.2015560117>.
- 2019 Stephens, Lucas, Dorian Fuller, Nicole Boivin, Torben Rick, Nicolas Gauthier, Andrea Kay, Ben Marwick, Chelsey Geralda Armstrong, C. Michael Barton, Tim Denham, Kristina Douglass, Jonathan Driver, Lisa Janz, Patrick Roberts, J. Daniel Rogers, Heather B. Thakar, Mark Altaweel, Amber L. Johnson, Maria Marta Sampietro Vattuone, Mark Aldenderfer, Sonia Archila, Gilberto Artioli, Martin T. Bale, Timothy Beach, Ferran Borrell, Todd Braje, Philip I. Buckland, Nayeli Guadalupe Jiménez Cano, José M. Capriles, Agustín Díez Castillo, Çiler Çilingiroğlu, Michelle Negus Cleary, James Conolly, Peter R. Coutros, R. Alan Covey, Mauro Cremaschi, Alison Crowther, Lindsay Der, Savino di Lernia, John F. Doershuk, William E. Doolittle, Kevin J. Edwards, Jon M. Erlandson, Damian Evans, Andrew Fairbairn, Patrick Faulkner, Gary Feinman, Ricardo Fernandes, Scott M. Fitzpatrick, Ralph Fyfe, Elena Garcea, Steve Goldstein, Reed Charles Goodman, Jade Dalpoim Guedes, Jason Herrmann, Peter Hiscock, Peter Hommel, K. Ann Horsburgh, Carrie Hritz, John W. Ives, Aripekka Junno, Jennifer G. Kahn, Brett Kaufman, Catherine Kearns, Tristram R. Kidder, François Lanoë, Dan Lawrence, Gyoung-Ah Lee, Maureen J. Levin, Henrik B. Lindskoug, José Antonio López-Sáez, Scott Macrae, Rob Marchant, John M. Marston, Sarah McClure, Mark D. McCoy, Alicia Ventresca Miller, Michael Morrison, Giedre Motuzaitė Matuzeviciute, Johannes Müller, Ayushi Nayak, Sofwan Noerwidi, Tanya M. Peres, Christian E. Peterson, Lucas Proctor, Asa R. Randall, Steve Renette, Gwen Robbins Schug, Krysta Ryzewski, Rakesh Saini, Vivian Scheinsohn, Peter Schmidt, Pauline Sebillaud, Oula Seitsonen, Ian A. Simpson, Arkadiusz Sołtysiak, Robert J. Speakman, Robert N. Spengler, Martina L. Steffen, Michael J. Storz, Keir M. Strickland, Jessica Thompson, T. L. Thurston, Sean Ulm, M. Cemre Ustunkaya, Martin H. Welker, Catherine West, Patrick Ryan Williams, David K. Wright, Nathan Wright, Muhammad Zahir, Andrea Zerboni, Ella Beaudoin, Santiago Munevar Garcia, Jeremy Powell, Alexa Thornton, Jed O. Kaplan, Marie-José Gaillard, Kees Klein Goldewijk, Erle Ellis "Archaeological assessment reveals Earth's early transformation through land use." *Science* 365(6456):897-902. <https://doi.org/10.1126/science.aax1192>
- 2017 Kennett, D.J., H.B. Thakar, A.M. VanDerwarker, D.L. Webster, B.J., Culleton, T.K. Harper, L. Kistler, T.E. Scheffler, Hirth, K. "High-precision chronology for Central American maize diversification from El Gigante rockshelter, Honduras." *Proceedings of the National Academy of Sciences*, USA. [www.pnas.org/cgi/doi/10.1073/pnas.1705052114](http://www.pnas.org/cgi/doi/10.1073/pnas.1705052114).
- 2017 Thakar, Heather B., Michael A. Glassow, and Carol A. Blanchette, "The Forest and the Trees: Small-Scale Ecological Variability and Archaeological Interpretations of Temporal Changes in California Mussel Shell Size." *Quaternary International*, 427 (A):246-249. <https://doi.org/10.1016/j.quaint.2016.08.031>.
- 2017 Thakar, Heather B., Michael A. Glassow, and Carol A. Blanchette, "Reconsidering Evidence of Human Impacts: Implications of Within-Site Variation of Growth Rates in *Mytilus californianus* along Tidal Gradients." *Quaternary International*, 427 (A):151-159. <https://doi.org/10.1016/j.quaint.2015.10.018>.
- 2016 Thakar, Heather B. "Foraging Ancient Landscapes: Seasonal and Spatial Variation in Prehistoric Exploitation of Plant and Animal Food Resources on Santa Cruz Island, California." *Journal of California and Great Basin Archaeology*, 36(1):27-50. Special issue on California Paleoethnobotany edited by Seetha Reddy and Eric Wohlegemuth.
- 2016 VanDerwarker, Amber M., Dana N. Bardolph, Kristen M. Hoppa, Heather B. Thakar, Lana S. Martin, Allison Jaqua, Matthew E. Biber, and Kristina M. Gill "New World Paleoethnobotany in the New Millennium (2000-2013)." *Journal of Archaeological Research*, 24(2):125-177. DOI 10.1007/s10814-015-9089-9.
- 2016 Glassow, Michael A., Carola Flores Fernandez, and Elizabeth Sutton, Heather B. Thakar "Proxy Measurements of California Mussel Valve Length." *Advances in Archaeological Practice*, 4(1):31-40. DOI: 10.7183/2326-3768.4.1.31
- 2014 Thakar, Heather B. "Sites Forlorn: Dating Intervals of Abandonment at Three Shell Middens on Santa Cruz Island, California using Bayesian Chronological Models." *Journal of Archaeological Science* 52:633-634. <https://doi.org/10.1016/j.jas.2014.03.029>
- 2012 Glassow, Michael A., Heather B. Thakar, and Douglas J. Kennett "Red Abalone Collecting and Marine Water Temperature during the Middle Holocene Occupation of Santa Cruz Island, California." *Journal of Archaeological Science* 39(10):2574-2582. <https://doi.org/10.1016/j.jas.2012.03.017>
- 2011 Thakar, Heather B. "Intensification of Shellfish Exploitation: Evidence of Species-Specific Deviation from Traditional Expectations." *Journal of Archaeological Science* 38(10): 2596- 2605. <https://doi.org/10.1016/j.jas.2011.05.008>

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**Peer Reviewed Book Chapters (N=10)**

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- 2024 Neff, Hector, James Daniels\*, Heather B. Thakar, and Paul Burger, "Archaic and Early Formative Niche Construction of the Soconusco Coast." In *Human Fire and Salt: Human Niche Construction and Holocene Landscape Evolution in the Pacific coast of Southern Mesoamerica*, by Hector Neff. University of New Mexico Press. ISBN: 9780826366771
- 2023 Thakar, Heather B., Carola Flores Fernandez, and Shannon Tushingham "Behavioral Ecology at the Coastal Margins." In *Human Behavioral Ecology in Coastal Environments*, edited by Heather B. Thakar and Carola Flores Fernandez. University Press of Florida: Society and Ecology in Island and Coastal Archaeology Series., Pages 1-36. ISBN 13:9780813069586
- Senior project lead with primary responsibility conceptualization, design, data collection, analysis, write-up, and revision. I wrote the bulk of the manuscript.
- 2023 Daniels, James\*, Heather B. Thakar, and Hector Neff, "Holocene Human Adaptations on the Pacific Coast of Central America." In *Human Behavioral Ecology in Coastal Environments*, edited by Heather B. Thakar and Carola Flores Fernandez. University Press of Florida: Society and Ecology in Island and Coastal Archaeology Series, Pages 103-131. ISBN 13:9780813069586.
- Equal co-author with shared responsibility for conceptualization, design, data collection, analysis, write-up, and revision. I wrote a significant portion of the final manuscript.
- 2023 Marijo Gauthier-Bérubé\* and Heather B. Thakar "Eighteenth-Century Shipbuilding and Forestry Management: Assessing the Impacts of Resource Intensification in Southwestern France." In *Human Behavioral Ecology in Coastal Environments*, edited by Heather B. Thakar and Carola Flores Fernandez. University Press of Florida: Society and Ecology in Island and Coastal Archaeology Series. Pages 149-171. ISBN 13:9780813069586.
- Equal co-author with shared responsibility for conceptualization, design, data collection, analysis, write-up, and revision. I shared writing equally with co-author.
- 2023 Thakar, Heather B. and Carola Flores Fernandez "Advances in Theoretical Approaches to Coastal Archaeology." In *Human Behavioral Ecology in Coastal Environments*, edited by Heather B. Thakar and Carola Flores Fernandez. University Press of Florida: Society and Ecology in Island and Coastal Archaeology Series. Pages 253-262. ISBN 13:9780813069586.
- Senior project lead with primary responsibility conceptualization, design, data collection, analysis, write-up, and revision. I wrote the bulk of the manuscript.
- 2016 Thakar, Heather B. and Lynn H. Gamble "Religions and Rituals of Native Coastal California." In *Coastal California: A Land of Diversity*, edited by Lynn H. Gamble. School for Advanced Research, Santa Fe, New Mexico, pg. 75-82.
- Project lead with primary responsibility conceptualization, design, data collection, analysis, write-up, and revision. I wrote the complete initial draft of this manuscript.
- Published by the highly prestigious School for Advanced Research and University of New Mexico Press, this volume was edited by Professor Lynn Gamble a leading California archaeologist and includes among the authors all of the most prominent scholars of California archaeology.
- 2015a Thakar, Heather B. "Dating the Tlacuachero Post-Archaic Deposits." In *An Archaic Mexican Shellmound and its Entombed Floors*, edited by Barbara Voorhies. Cotsen Institute of Archaeology Press, University of California, Los Angeles, pg. 29-47.
- Professor Emerita Barbara Voorhies is widely recognized and highly regarded expert in Mesoamerican archaeology. The publisher Cotsen Institute of Archaeology Press at the University of California, Los Angeles is also highly regarded and recognized for producing high-quality academic volumes.
- 2015b Thakar, Heather B. "The Tlacuachero Floors: Description and Sampling Methods." In *An Archaic Mexican Shellmound and its Entombed Floors*, edited by Barbara Voorhies. Cotsen Institute of Archaeology Press, University of California, Los Angeles, pg. 47-71.
- 2015c Thakar, Heather B. "The Tlacuachero Floors: Spatial Analysis of Surface Color and Embedded Microrefuse." In *An Archaic Mexican Shellmound and its Entombed Floors*, edited by Barbara Voorhies. Cotsen Institute of Archaeology Press, University of California, Los Angeles, pg. 95-107.

- 2012 Thakar, Heather B. "Ancient Actions Predict Modern Consequences: Lessons from Prehistoric Shellfish Intensification." In *Time, Space, and Form in Biological Conservation*, edited by Lee Lyman and Steve Wolverton, University of Arizona Press, Tucson, pg. 92-109.

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**Other Professional Publications (Editorial Review, N=5)**

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- 2022 Thakar, Heather. "North America's Galapagos: The Historic Channel Islands Biological Survey by Corinne Heyning Laverty." Invited Book Review, *Journal of California and Great Basin Anthropology* 41(2) :296-298.
- 2019 The Collective Change (Heather Thakar, Jason De Leon, Chelsea Fischer, Pamela Gellar). "#MeToo In Archaeology" *The SAA Archaeological Record* 19(4):12-15.
- 2019 Kelley Hays-Gilpin, Meagan Thies-Sauder, Catherine Jalbert, Laura Heath-Stout, Heather Thakar, with contributions by Kenneth Aitchison (Landward Research Ltd.), Jon Driver (Simon Fraser University), Kisha Supernant (University of Alberta), and Amber VanDerwarker (University of California, Santa Barbara) "Changing Our Professional Culture of Apathy and Creating Safety in Archaeology: Progress Report from the SAA Task Force on Sexual and Anti-Harassment Policies and Procedures" *The SAA Archaeological Record* 19(4):8-11.
- 2018 Katherine Chiou, Margaret Conkey, Morag Kersel, Kenneth Aitchison, Daniel Perez, Heather Thakar, Dru McGill, and Anonymous authors. Case Studies in Archaeological Ethics for the Fourteenth Annual Intercollegiate Ethics Bowl Competition.
- 2016 Knoll, Michelle, Jenna Domeischel, Heather Thakar, Janaki Krishna, and Bruce Huckell. "Archaeologists Anonymous the Twelve-Step Program to Getting Those Old Collections Curated." *The SAA Archaeological Record* 16(3):25-32.

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**Conference Proceedings, Podium Papers, and Poster Presentations (N=38)**

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- 2024 "Mapping Human Migrations, Past and Present: Developing Environmental Isotope and Trace Element Maps of Mexico and Central America" Heather B. Thakar with Gina Buckley and Jason De Leon. Paper presented in organized symposium: The intersection of Archaeological Science and Forensic Science. Society for American Archaeology, 89th Annual Conference, New Orleans, LA (April 17-21, 2024).
- 2024 "New Evidence on the Early Occupation of the Lakes Basin of Pacific Nicaragua" with Hector Neff, Heather Thakar, Clifford Brown, John Jones and Chad Rankle. Paper presented in organized symposium: Centralizing Central America: New evidence, fresh perspectives, and working on new paradigms. Society for American Archaeology, 89th Annual Conference, New Orleans, LA (April 17-21, 2024).
- 2024 "A New Locus for Avocado Domestication in Mesoamerica: Evidence for 8,000 Years of Human Selection and Tree Management at El Gigante, Honduras" with Amber VanDerwarker, Douglas Kennett, Heather Thakar, Victoria Newhall and Kenneth Hirth. Paper presented in organized symposium: Beyond maize and cacao: reflections on visual and textual representation and archaeological evidence of other plants in pre-Columbian Mesoamerica. Society for American Archaeology, 89th Annual Conference, New Orleans, LA (April 17-21, 2024).
- 2024 "Cordage as Ship Fastener: The Roman-Era Northwestern Adriatic Tradition of Sewn Boats" with Staci Willis, Heather Thakar and Massimo Capulli. Paper presented in organized symposium: The ties that bind: cordage, its sources, and the artifacts of its creation and use. Society for American Archaeology, 89th Annual Conference, New Orleans, LA (April 17-21, 2024).
- 2024 "Preliminary Archaeogenomic Insights on the Domestication of the Avocado Tree" with Kevin Wann, Logan Kistler, Heather Thakar and Courtney Hofman. Poster presented in organized session: what's on the menu? Part II: Botanical Analysis and storage vessels. Society for American Archaeology, 89th Annual Conference, New Orleans, LA (April 17-21, 2024).
- 2024 "Advancements in Arc-Sci informed Repatriation/Rematriation Research" Heather B. Thakar. Paper presented in organized symposium: The Vaughn M. Bryant Memorial Anthropology Conference, Texas A&M University, College Station, TX (April 12, 2024).
- 2023 "Advancements in near-infrared spectroscopy (NIR) for rapid on-site assessment of biomolecule preservation in archaeological bone" Heather B. Thakar, with Matt Sponheimer, Matt Eichenfield, Angela Perri. Paper presented in organized symposium: Never Forgotten: Conflict Archaeology and Military History, Texas A&M University, College Station, TX (November 8-9, 2023).
- 2023 "Issues in Understanding Interior Settlement During the Period of Red Abalone Middens on Santa Cruz Island." 10<sup>th</sup> California Islands Symposium, Ventura California (November 6-10, 2023).



- 2023 "Crowd-sourcing isoscape development for Mexico and Central America through public engagement" with Gina M. Buckley, Heather B. Thakar, Jason De Leon, María Fernanda García Hurtado, Gabriela Solís-Pichardo, Peter Schaaf. Paper at European Association of Archaeologists Annual Meeting 2023, in Session 665-Understanding Isoscapes.
- 2023 "Nueva Evidencia sobre la Ocupación Temprana de la Cuenca de los Lagos de Nicaragua." Hector Neff, Heather Thakar, Clifford Brown, John G. Jones. Paper presented at el Cuarto Coloquio de Arqueología de Nicaragua. Managua, Nicaragua. (July 12-14, 2023)
- 2023 "Arlington Springs Chronostratigraphy and Implications for Early Settlement along North America's Pacific Coast" with John Johnson. Paper at Society for American Archaeology, 88th Annual Conference, Portland, OR.
- 2023 "Reaping the Rewards of Incipient Agriculture from the Land to the Sea and the Mangroves In Between" James Daniels, Hector Neff and Heather Thakar. Paper at Society for American Archaeology, 88th Annual Conference, Portland, OR.
- 2022 "Native Americans and Higher Education, T3 Project Report with Angela Hudson and Sarah Potvin, RISE (Race, Identity, and Social Equity) Conference, Texas A&M University, College Station, TX. (3/23/2022).
- 2021 "Paisajes Antropogénicos del Pacífico de Nicaragua a través del Tiempo: Evidencia Sedimentaria del Estero Real y la Orilla del Lago de Managua", Hector Neff and Heather Thakar. Paper presented at the Tercer Coloquio de Arqueología de Nicaragua. Managua, Nicaragua. July 14-16, 2021. *Prohibited from attendance due to University COVID-19 travel restrictions.*
- 2020 "The Foraging to Farmer Transition: Generating Novel Testable Hypotheses" Paper at Society for American Archaeology, 85th Annual Conference, Austin, TX. *Cancelled due to COVID-19.*
- 2020 "Reaping the Rewards of Incipient Agriculture from the Land to the Sea and the Mangroves In Between" with James Daniels. Paper at Society for American Archaeology, 85th Annual Conference, Austin, TX. *Cancelled due to COVID-19.*
- 2018 "The Esperanza to Middle Marcala Phase Subsistence Practices at El Gigante Rockshelter 11,000–7400 cal BP" with Kenneth Hirth, Alejandro Figueroa, Alejandra Domic, and Harry Iceland. Paper at Society for American Archaeology, 83<sup>rd</sup> Annual Conference, Washington, D.C. In Electronic Forum: Recent Developments in Mexican and Central American Preceramic Research.
- 2018 "Enhancing Transformational Learning through Reflexive Museum Practice." Poster presented at Transformational Teaching & Learning Conference, Texas A&M University, College Station, TX. (4/18/2018)
- 2017 "Finding our way Forward: Opportunities for Enhancing Cultural Heritage Preservation." Paper presented at Society for American Archaeology, 82<sup>nd</sup> Annual Conference, Vancouver, B.C. In When Disaster Strikes: Environmental Impacts on Collections Preservation. Session co-sponsored by SAA Climate Change Strategies and Archaeological Resources Committee and Committee on Museums, Collections, and Curation.
- 2017 "Climate Change & Resilience: Archaeology and Contemporary Problems." Lightning Round Paper presented at Society for American Archaeology, 82<sup>nd</sup> Annual Conference, Vancouver, B.C. In "Effective Communication about Archaeology in Three Minutes or Less". Session co-sponsored by SAA Public Education Committee and Public Archaeology Interest Group.
- 2016 "Nearshore Paleo-Sea Surface Temperature and Human Intertidal Gathering during the Holocene around Santa Cruz Island: Integrating Oxygen Isotope ( $\delta O^{18}$ ) and Archaeomalacological Data from Shell Midden Sites" with Carola Flores and Amy Gusick. Paper presented at the 9<sup>th</sup> California Islands Symposium, Ventura, CA.
- 2016 "Foraging Ancient Landscapes: Seasonal and Spatial Variation in Prehistoric Exploitation of Plant and Animal Food Resources on Santa Cruz Island, California." Paper presented at the Society for American Archaeology 81<sup>st</sup> Annual Conference, Orlando, FL.
- 2016 Forum Discussant in "For the Record: Archaeological Archives in the 21st Century" at the Society for American Archaeology 81<sup>st</sup> Annual Conference, Orlando, FL.
- 2015 "Development and Intensification of Small-seed Plant Food Economies and Implications for Women's Workload." Paper presented at the Society for American Archaeology 80<sup>th</sup> Annual Conference, San Francisco, CA. In California Paleoethnobotany Session, organized by Seetha Reddy and Eric Wohlegemuth.
- 2015 "Risk-Reducing Foraging Behavior and Population Growth from Santa Cruz Island, California." Paper presented as Poster at Society of Ethnobiology 38<sup>th</sup> Annual Conference, Santa Barbara, CA.

- 2014 "An Evolutionary Context for Understanding Hunter-Gatherer Demographic Shifts." Paper presented at the Society for American Archaeology 79<sup>th</sup> Annual Conference, Austin, TX. In Humans on the Landscape: Papers in Honor of Michael Jochim Session, organized by Douglas Bamforth.
- 2014 "Panarchy on the Northern Channel Islands: Understanding the Development of Complexity as a Series of Nested Adaptive Responses." Paper presented at the Society for California Archaeology 48<sup>th</sup> Annual Meeting, Visalia, CA. In Beyond Foraging: Evolutionary Approaches to Understanding the Development of Social Complexity, organized by Bruce Winterhalder and H.B. Thakar.
- 2013 "Dates, Diet, and Demography: A Detailed Chronological Framework for Evaluating Diachronic Subsistence Variation and Population Growth." Paper presented at the Society for American Archaeology 78<sup>th</sup> Annual Conference, Honolulu, HI. In The Frison Institute Symposium: Dates as Data: New Applications of Radiocarbon Dating to Archaeological Problems, organized by Robert Kelly and Nicholas Naudinot.
- 2012 "Food and Fertility in Prehistoric California." Paper presented at the California Workshop on Evolutionary Social Sciences Annual Meeting, San Luis Obispo, CA.
- 2012 "Before CA-SCRI-236 was Ch'oloshush: 3000 Years of Occupation, Subsistence and Mobility." Paper presented at the Society for American Archaeology 77<sup>th</sup> Annual Conference, Memphis, TN.
- 2012 "'Tis' the Season: Behavioral Responses to Seasonal Food Risk." Paper Presented at the Society for California Archaeology 46<sup>th</sup> Annual Meeting, San Diego, CA.
- 2012 "Methods for Evaluating Seasonal Nutritional Sufficiency in Prehistoric Hunter-Gatherer Population." Paper presented at 2<sup>nd</sup> Annual Anthropology Graduate Student Symposium, Santa Barbara, CA.
- 2011 "If Floors Could Talk: Investigation of Clay Floors at the Tlacuachero Shell Mound." Paper presented at the Society for American Archaeology 76<sup>th</sup> Annual Conference, Sacramento, CA.
- 2010 "Ancient Actions Predict Modern Consequences: Lessons from Prehistoric Shellfish Intensification." Paper presented at Society of Ethnobiology 33<sup>rd</sup> Annual Conference, Victoria, B.C.
- 2010 "Reconsideration of Traditional Archaeological Conceptions of Shellfish Intensification." Paper presented at the Society for American Archaeology 75<sup>th</sup> Annual Conference, St. Louis, MI.
- 2010 "Spatial Variation in Prehistoric Settlement Strategies on Santa Cruz Island, CA." Paper presented at Mildred E. Matthias Symposium, Matagorda Bay, CA.
- 2008 "Coastal Geomorphology and Climatic Variation on Santa Cruz Island." Paper presented at the Society for American Archaeology 73<sup>rd</sup> Annual Conference, Vancouver, B.C.
- 2008 "Spatial Analysis of Shellfish Diversity and Abundance in Archaeological & Ecological Contexts." with co-author Carola Flores Fernandez. Paper presented at 7<sup>th</sup> Channel Island Symposium, Ventura, CA.

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#### **Invited Seminars (N=14)**

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- 2024 "Detection and Quantification of Low Abundance Biomolecules in Ancient Bone". Texas A&M University and Los Alamos National Laboratory, Sensing & Evaluation Workshop. Invited Presentation (8/8/2024) Los Alamos National Laboratory, Los Alamos, New Mexico.
- 2024 "Developing New World Zooarchaeology by Mass Spectrometry (ZooMS): New collagen peptide markers for Central American aquatic and terrestrial fauna", Invited Seminar (6/17/2024) Smithsonian Tropical Research Institution, Panama City, Panama.
- 2024 "The Domestication of Neotropical Plants", Invited Seminar (5/17/2024) Introduction to Research Abroad Program and the Yucatan Initiative Project at Universidad Autonoma de Yucatan, Facultad de Matematicas, Merida, Yucatan, Mexico.
- 2023 "From Ancient Teosinte to Modern Corn: The Domestication of Plants and People." Invited Online Seminar (9/21/2023) Smithsonian Institution National Museum of Natural History HOT Topics.
- 2023 "From the Pleistocene to the Anthropocene", Invited Seminar (2/17/2023) Life on a Dynamic Planet Symposium. College of Arts & Sciences, Texas A&M University, College Station, TX.
- 2018 "The Fundamentals of Paleoethnobotany." Invited Online Seminar (10/30/2018) Society for American Archaeology Seminar Series.
- 2018 "Oxygen Isotope Analysis of Archaeological Mollusk Shells: Paleo-Sea Surface Temperatures & Human Foraging Behavior." Invited Presentation (11/28/18) GeoBio Mass Spectrometry Seminar Series, Texas A&M University, College Station, TX.

- 2017 "Archaeological Perspectives on Mesoamerican Maize Domestication & Diversification." Invited Lecture (10/2/2017) Food and Culture Seminar Series, Department of Anthropology, Texas A&M University, College Station, TX.
- 2017 "Archaeology in a Museum of Ideas: Integrating Collaborative Research & Creative Communication." Invited Lecture (4/10/2017) Natural History Museum of Los Angeles County, Los Angeles, CA.
- 2017 "Evolutionary Contexts for Demographic Shifts in Prehistoric Foraging Societies." Invited Lecture (2/22/2017) Evolutionary Ecology Seminar Series. University of California Davis, Department of Anthropology, Davis, CA.
- 2015 "Integrating Research, Education, and Collections Care." Invited Lecture (12/14/2015) Texas A&M University, Department of Anthropology, College Station, TX.
- 2014 "A Reproductive Ecological Perspective on Demographic Shifts in Foraging Populations." Invited Lecture (2/12/2014) Ecology Seminar Series. Pennsylvania State University, Department of Anthropology, State College, PA.
- 2013 "Food and Fertility in Prehistoric California: A Fresh Perspective from Reproductive Ecology." Invited Lecture (2/11/2013) Evolutionary Anthropology and Archaeology Speaker Series. California State University at Fullerton, Fullerton, CA.
- 2012 "A Case Study of Risk- Reducing Subsistence Strategies and Prehistoric Population Growth from Santa Cruz Island, California." Invited Lecture (3/5/2012) Santa Barbara County Archaeological Society, Santa Barbara, CA.

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### **Conferences, Workshops, and Symposia Organized**

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- 2019 Human Behavioral Ecology at the Coastal Margins: Global Perspectives on Coastal & Maritime Adaptations. Society for American Archaeology, 84th Annual Conference, Albuquerque, New Mexico. (with discussants Daniel Sandweiss and Douglas Kennett)
- 2019 #MeToo in Archaeology. Forum sponsored by SAA Committee on Ethics. Society for American Archaeology, 84th Annual Conference, Albuquerque, New Mexico. (with co-moderators Jason de Leon and Pamela Gellars)
- 2017 When Disaster Strikes: Environmental Impacts on Collections Preservation. Session co-sponsored by SAA Climate Change Strategies and Archaeological Resources Committee and Committee on Museums, Collections, and Curation. Society for American Archaeology, 82<sup>nd</sup> Annual Conference, Vancouver, B.C. (with discussants Thomas McGovern and Danielle Benden)
- 2015 21st Century Challenges Demand 21st Century Liberal Arts. Conference sponsored by Temple University, College of Liberal Arts. October 15<sup>th</sup>, 2015. Conference Organizer and Panel Moderator.
- 2014 Stewardship, Public Education, and Preservation: How Archaeologists Demonstrate the Value of Archaeological Collections. Session sponsored by SAA Committee on Museums, Collections, and Curation. Society for American Archaeology, 79<sup>th</sup> Annual Conference, Austin, TX. (with discussants Kevin Smith and David Hurst Thomas)
- 2014 Beyond Foraging: Evolutionary Approaches to Understanding the Development of Social Complexity Society for California Archaeology 48<sup>th</sup> Annual Meeting, Visalia, CA. (with co-chair Bruce Winterhalder and discussant Robert Bettinger)
- 2013 Lessons Learned: 2<sup>nd</sup> Annual Symposium of the SAA's Committee on Museums, Collections, and Curation. Society for American Archaeology 78<sup>th</sup> Annual Conference, Honolulu, HI. (with discussant Julie Stein)
- 2012 New Methods, New Questions, and New Data from Old Collections. Session sponsored by SAA Committee on Museums, Collections, and Curation. Society for American Archaeology 77<sup>th</sup> Annual Conference, Memphis, TN. (with discussants Terry Childs and Lynne Sullivan)
- 2012 Whither the Twain Shall Meet: Paleoethnobotany and California Archaeology. Society for California Archaeology 46<sup>th</sup> Annual Meeting, San Diego, CA. (with discussants Bill Hildebrandt and Amber VanDerwarker)
- 2011 New Perspectives on the Archaic Period of Coastal Chiapas, Mexico. Society for American Archaeology, 76<sup>th</sup> Annual Conference, Sacramento, CA. (with discussants Barbara Voorhies and John Clarke)

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### **Professional Reports**

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- 2023 Thakar, Heather B., Annual Report to National Science Foundation Archaeology Program for BCS-2023089, "Landscape Transformations and the Evolution of Coastal Settlements in Central America".
- 2023 Neff, Hector and Heather B. Thakar, Informe Tecnico Preliminar. Proyecto Paleoambiental y Arqueologia del Pacifico de Nicaragua. Temporada 2023. Dirección Nacional de Arqueología de Nicaragua.
- 2022 Thakar, Heather B., Annual Report to National Science Foundation Archaeology Program for BCS-2023089, "Landscape Transformations and the Evolution of Coastal Settlements in Central America".
- 2022 Thakar, Heather B., Final Report to National Science Foundation Archaeology Program for BCS-1757374, "Collaborative Research: Domestication, Food Production and Arboriculture during the Early to Late Holocene at El Gigante Rockshelter (11,500-2,500 cal BP)".
- 2022 Thakar, Heather B., Final Report to the Department of the Interior, National Park Service Native American Graves Protection and Repatriation Act Program for FAIN #P18AP00350, "Preparation for Meaningful Consultation through Documentation and Inventory of New Discoveries and Collaboration with Tribal Partners"
- 2022 Neff, Hector and Heather B. Thakar, Informe Tecnico Preliminar. Proyecto Paleoambiental y Arqueologia del Pacifico de Nicaragua. Temporada 2022. Dirección Nacional de Arqueología de Nicaragua.
- 2021 Thakar, Heather B., Annual Report to National Science Foundation Archaeology Program for BCS-2023089, Landscape Transformations and the Evolution of Coastal Settlements in Central America".
- 2021 Thakar, Heather B., Annual Report to National Science Foundation Archaeology Program for BCS-1757374, "Collaborative Research: Domestication, Food Production and Arboriculture during the Early to Late Holocene at El Gigante Rockshelter (11,500-2,500 cal BP)"
- 2021 Thakar, Heather B., Annual Report to the Department of the Interior, National Park Service Native American Graves Protection and Repatriation Act Program for FAIN #P18AP00350, "Preparation for Meaningful Consultation through Documentation and Inventory of New Discoveries and Collaboration with Tribal Partners"
- 2020 Thakar, Heather B., Annual Report to National Science Foundation Archaeology Program for BCS-2023089, Landscape Transformations and the Evolution of Coastal Settlements in Central America".
- 2020 Thakar, Heather B., Annual Report to National Science Foundation Archaeology Program for BCS-1757374, "Collaborative Research: Domestication, Food Production and Arboriculture during the Early to Late Holocene at El Gigante Rockshelter (11,500-2,500 cal BP)"
- 2020 Thakar, Heather B., Annual Report to the Department of the Interior, National Park Service Native American Graves Protection and Repatriation Act Program for FAIN #P18AP00350, "Preparation for Meaningful Consultation through Documentation and Inventory of New Discoveries and Collaboration with Tribal Partners"
- 2019 Thakar, Heather B., Annual Report to National Science Foundation Archaeology Program for BCS-1757374, "Collaborative Research: Domestication, Food Production and Arboriculture during the Early to Late Holocene at El Gigante Rockshelter (11,500-2,500 cal BP)"
- 2019 Thakar, Heather B., Annual Report to the Department of the Interior, National Park Service Native American Graves Protection and Repatriation Act Program for FAIN #P18AP00350, "Preparation for Meaningful Consultation through Documentation and Inventory of New Discoveries and Collaboration with Tribal Partners"
- 2018 Thakar, Heather B., Annual Report to National Science Foundation Archaeology Program for BCS-1757374, "Collaborative Research: Domestication, Food Production and Arboriculture during the Early to Late Holocene at El Gigante Rockshelter (11,500-2,500 cal BP)"
- 2015 Thakar, Heather B. "Analysis of Archaeobotanical Remains from Yokohl Ranch." Final Report Submitted to Dudek, San Diego, CA.
- 2011 Thakar, Heather B. "Paleoethnobotanical Analysis of Column Sample from KM-2011-LOPEZ-1, Santa Rosa Island, California." Final Report Submitted to Channel Islands National Park Service, Ventura, CA.
- 2010 Voorhies, Barbara, Heather B. Thakar, and Fernando Girón Campero "Informe de Proyecto Los Origenes de Arquitectura Publica en la Costa Sur de México". Final Report Submitted to the Consejo de Arqueología, Instituto Nacional de Antropología e Historia, México.
- 2010 Thakar, Heather B. "Spatial Distribution of Archaeological Sites on the Northern Coast of Santa Cruz Island." Report Submitted to the Mildred E. Mathias Foundation.

- 2009 Thakar, Heather B. "Christy Watershed Intensive Pedestrian Survey on Santa Cruz Island." Report Submitted to the Central Coast Information Center, Santa Barbara, CA.
- 2009 Thakar, Heather B. "Prisoners to Pelican: Intensive Pedestrian Survey on the North Coast of Santa Cruz Island." Submitted to the Central Coast Information Center, Santa Barbara, CA.

## TEACHING & MENTORING

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### Teaching Experience

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#### Standard Courses (\* indicates current course rotation)

##### Texas A&M University

ANTH 637 (Graduate) Archaeobotany*	ANTH 484 Internships in Anthropology
ANTH 640 (Graduate) Ethics and Professionalism	ANTH 370 Cultural Diversity & Ethics
ANTH 448 Quantitative Methods in Anthropology*	ANTH 204 The Prehistoric World*
ANTH 421 Advanced Museum Studies	ANTH 205 Peoples and Cultures of the World
ANTH 412 Archaeological Theory Capstone/Writing*	

##### Temple University

ANTH 8006 (Graduate) Archaeology Core	ANTH 2172 Archaeology of North America
ANTH 3180 Museum Exhibit Design	ANTH 0867 World Regions and Cultures
ANTH 3170 Collections Management	ANTH 0825 Quantitative Methods
ANTH 3170 Paleoethnobotany	ANTH 0814 Human Ecology

##### University of California, Santa Barbara

ANTH 188 The Seacoast in Prehistory (IOR)	
ANTH 131 North American Indians (IOR)	ANTH 131 North American Indians (GAT)
ANTH 3 Introduction to Archaeology (IOR)	ANTH 130A Human & Natural Systems (GAT)
ATH 194P Archaeology Practicum (GAT)	ANTH 5 Physical Anthropology (GAT)
ANTH 178 Curation Internship (GAT)	ANTH 3 Introduction to Archaeology (GAT)
ANTH 181 Archaeology Field Methods (GAT)	ANTH 2 Introduction to Cultural Anthropology (GAT)

#### Additional Teaching

2024 – 2025 **Faculty Advisor** for Melbern G. Glasscock Center for Humanities Research Undergraduate Summer Scholars Program, "Indigenous Peoples and Land-Grant Universities: Opportunities and Obligations", responsible for intensive summer seminar and development of LAUNCH Undergraduate Research Scholars Honors Thesis for three undergraduate students (Aarya Newasekar, Parker Burriss, Megan Williams).

Summer 2024 **College of Arts & Sciences Faculty Advisor** for Introduction to Research Abroad Program (ANTH 291) sponsored by the Engineering Global Programs, Yucatan Initiative Project, and the College of Arts & Sciences Office for Student Success Regent's Scholars Program.

Spring 2018 **College of Liberal Arts Faculty Advisor** for Introduction to Research Abroad Program sponsored by the Engineering Global Programs, Yucatan Initiative Project. ANTH 370: Cultural Diversity & Ethics.

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#### Course-led Exhibitions

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2023 "Beyond Borders" Forsyth Galleries, Exhibition May 8 – June 2, 2023, Forsyth Galleries Runyon Learning Gallery, Texas A&M University Memorial Student Center. Curated with Texas A&M University students under the Instruction and Supervision of Dr. Heather Thakar as part of their coursework in Advanced Museum Studies (ANTH 421).

2022 "Here: Faces and Voices of Native Aggies" Forsyth Galleries, Exhibition April 19–July 14, 2022, Forsyth Galleries Runyon Learning Gallery, Texas A&M University Memorial Student Center. Curated with Texas A&M University students under the Instruction and Supervision of Dr. Heather Thakar as part of their coursework in Advanced Museum Studies (ANTH 421). <https://uart.tamu.edu/here/>

Created with funding from the T3 Texas A&M Triads for Transformation, President's Excellence Fund Seed Grant (2021) Understanding the Role of Indigenous Lands and Peoples for Texas A&M University" with Sarah Potvin and Angela Hudson. This exhibition celebrates Native American students and the influence

they have had on Texas A&M University. Native Aggies have made a difference in campus life from athletics to the Corps and military history to the arts. With oral history interviews, artifacts, and photographs, the past and continued presence of Native Americans is illustrated throughout the school's history. The exhibition provides historical context for Native American history at Texas A&M. This is accompanied by a discussion of the school's status as a Land Grant University. The presence of Native Americans at Texas A&M is positioned within this history and the relationship the school has to its funding parcels sold throughout the country. At Texas A&M, Native American Students represent several tribes, including the Choctaw, Quapaw, Muscogee, Navajo, Cherokee, Chickasaw, Citizen Potawatomi, and Sioux Assiniboine, among others. They have attended the school between 1900 to the present day and have represented majors from all of the university's colleges.

2021 "Revival: Visualizing Natural History Specimens in Art and Science". Summer 2021 Exhibit at the Reynolds Gallery on the campus of Texas A&M University. Curated with Heather Prestige, Sarah Potvin, and Mary Compton. <https://storymaps.arcgis.com/stories/8c72c08d5ff14448b64e4bc907f57677>.

Created with funding from the School of Innovation, through their Innovation[X] program. Over 2020-2021, Texas A&M faculty, students, and staff across four colleges, with expertise in collections, exhibits, and modeling, have worked to create 3D representations and grow collaborations with external partners, including local and international artists, and scientists and imaging technicians at oVert institutions. This exhibit, which includes still images, 3D renderings, and audio commentary, showcases the beautiful, strange, and instructive fruits of that collaboration.

2021 "The Global Power of World War II Propaganda", April 23–July 5, 202, Forsyth Galleries Runyon Learning Gallery, Texas A&M University Memorial Student Center. Curated with Texas A&M University students under the Instruction and Supervision of Dr. Heather Thakar as part of their coursework in Advanced Museum Studies (ANTH 421). <https://uart.tamu.edu/wwii/>

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### Graduate Students Supervised

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#### Dissertation Committee Chair

2022 – present	John White, Department of Anthropology, Texas A&M University
2021 – present	Bradie Dean, Department of Anthropology, Texas A&M University
2020 – present	Kevin Wann, Department of Anthropology, Texas A&M University
2020 – present	Chloe Fackler, Department of Anthropology, Texas A&M University
2021 – 2023	Taryn Johnson, Department of Anthropology, Texas A&M University

#### Dissertation Committee Member

2022 – present	Nicholas Bentley, Department of Anthropology, Texas A&M University
2022 – present	Olivia Brill, Department of Anthropology, Texas A&M University
2021 – present	Colin Rohrbaugh, Department of History, Texas A&M University
2021 – present	Kevin Johnson, Department of Anthropology, Texas A&M University
2021 – present	Olivia Thomas, Department of Anthropology, Texas A&M University
2020 – present	Victoria Izzo, Department of Anthropology, Texas A&M University
2021 – 2023	Aigul Seralinova, Department of Anthropology, Texas A&M University
2018 – 2022	John White, Department of Anthropology, Texas A&M University
2021 – 2021	Asia Alsgaard, Department of Anthropology, University of New Mexico
2021 – 2021	Pierre Lau, Department of Entomology, Texas A&M University
2017 – 2021	Katelyn McDonough, Department of Anthropology, Texas A&M University
2017 – 2021	Taryn Johnson, Department of Anthropology, Texas A&M University

#### Masters Committee Member

2021 – 2022	Veronica Rios, Recreation, Parks, and Tourism, Texas A&M University
2021 – 2022	Emma McLauchlan, Department of Visualization, Texas A&M University

#### Undergraduate Research Scholars Thesis Advisor

2024	Teagan McIntosh, "A Study of the Nordic Bronze Age Through Anarchic Theory", Department of Anthropology, Texas A&M University
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### Undergraduate Students Research Experience (Supervised or Employed)

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2024 Spring	Cade Self, Lillian Ferran-Gonzalez
2023 Fall	Cade Self, Lillian Ferran-Gonzalez, Annaliese Mahaley, Elizabeth Hitchcock
2023 Spring	Cade Self, Kasey Corey, Lillian Ferran-Gonzalez, Jacob Baldwin

2022 Fall Iliana Garcia (Directed Studies California Shell Midden Analysis)  
 2022 Fall Andrea DeLeon (Employed Palynology Lab Assistant)  
 2022 Fall Jacob Baldwin (Directed Studies El Gigante Maize Kernel Measurements)  
 2022 Fall Lillian Ferran-Gonzalez and Christopher Self (Directed Studies Nicaragua Faunal Study)  
 2022 Fall Olivia O'Rourke (Directed Studies Loss on Ignition Study of Nicaragua Core samples)  
 2022 Spring Olivia O'Rourke and McKenna Voll (Directed Studies Chiapas Faunal Analysis)  
 2021 Spring – 2022 Spring Andrea DeLeon (Directed Studies California Shell Midden Analysis)  
 2020 Fall – 2021 Summer Mark Chavez, Undergraduate Research Assistant, Texas A&M University  
 2020 Fall – 2021 Spring Olivia O'Rourke and McKenna Voll (Directed Studies Chiapas Faunal Analysis)  
 2019 Fall Gage Thomsen, Lexi Alexander, Olivia O'Rourke, and McKenna Voll (Chiapas Faunal Analysis)  
 2019 Fall Adeline Lutz, Leslie Mora, and Andrea DeLeon (Comparative Collections Catalogue)  
 2019 Fall Andrew Lambert and Mark Chavez (El Gigante Maize Analysis Project)  
 2019 Fall Ryan Petre, ANTH 291 Research Experience (Halls Cave Sediment Flotation)  
 2019 Fall Casey Dickens, ANTH 491 Research Experience (Halls Cave Sediment Flotation)  
 2019 Fall Katherine Peters, ANTH 491 Research Experience (Halls Cave Sediment Flotation)  
 2019 Spring Osbaldo Alvarez (Halls Cave Sediment Flotation)  
 2019 Spring – 2020 Summer Amelia Hammond (Conservation of Hide Bag from El Gigante)  
 2018 Spring – 2019 Spring Roxanne Scruggs, Undergraduate Research Assistant, Texas A&M University  
 2018 Spring – 2019 Fall Mary Katherine Bryant, NSF REU, Texas A&M University  
 2018 Spring Lindi, Lawson, Directed Studies in Zooarchaeology, Texas A&M University  
 2017 Spring – 2020 Summer Shelby Turner, Undergraduate Research Assistant, Texas A&M University  
 2017 Fall Derrick Juptner, Undergraduate Research Assistant, Texas A&M University  
 2016 Spring Haley Ragsdale, Directed Studies in Zooarchaeology, Temple University

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### Pedagogical Training

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2022 CARE: Indigenous Data Governance. Texas A&M University Libraries (9/23/2022)  
 2022 Crafting Your COVID-19 Impact Statement Workshop. ADVANCE Faculty Affairs, TAMU (4/4/2022).  
 2022 C2C Care Webinar: NAGPRA, Collections Stewardship American Alliance of Museums (2/24/2022)  
 2022 Facilitator Training Session, Graduate Mentoring Academy, Texas A&M University (2/15/2022)

2022 Center for Teaching Excellence, Texas A&M University  
 Let's Talk: How to Effectively Promote and Facilitate Student Discussion (10/4/2022).  
 Scaling Student Success and Equity Through Effective Teaching (4/8/2022).  
 Maximizing Student Engagement and Learning Using Relationships, Resilience, and Reflection. (4/1/2022).  
 Building and Sustaining High-Performing Project Groups in the Classroom (2/4/2022)

2021 Leveraging Lessons Learned (L3): Giving Students a Voice in Active Learning, Center for Teaching Excellence, Texas A&M University (10/11/2021)

2021 Society for American Archaeology Online Seminar Series. Exploring Power Dynamics, Responsibility, and Accountability in Archaeological Practice: Part I (10/12/2021). Exploring Power Dynamics, Responsibility, and Accountability in Archaeological Practice: Part II (10/19/2021).

2020 – 2021 **Faculty Mentoring Academy**, CIMER Center for Teaching Excellence, Texas A&M University  
 FMA Capstone  
 Addressing Equity and Inclusion in Mentoring (10/27/2021)  
 Aligning Expectations in Mentoring (10/13/2021)  
 Maintaining Effective Communication in Mentoring (10/6/2021)  
 Promoting Professional Development in Mentoring (7/29/2020)  
 Fostering Independence in Mentoring (7/21/2020)  
 Assessing Understanding in Mentoring (7/9/2020)

2020 Green Dot Bystander Intervention Training Program, Texas A&M University  
 2019 STRIDE Training, Dean of Faculties, Texas A&M University.  
 2019 Mental Health First Aid Training, Texas A&M University.  
 2018 Aggie Ally Workshop, Offices of Dean of Student Life, Texas A&M University.

2018 **Humanizing Education, Learning, and Leadership On/Offline (HELLO<sup>2</sup>) Teaching Certificate**, Center for Teaching Excellence, Texas A&M University.  
 Humanizing Education, Learning, and Leadership On/Offline (9/14/2017)  
 6 Pillars of Student Engagement (9/22/2017)  
 Interactive Teaching Methods (10/10/2017)

Getting Started with Active Learning (11/8/2017)

- 2017 Pedagogy Project Forum on Engaging Students with Short Writing Assignments, Center for Teaching Excellence, Texas A&M University.
- 2017 Student Success Faculty Fellows Program, Texas A&M University
- 2015 Integrative Learning Teaching Circle Fellowship, Temple University
- 2013 INT 223A Education Hypermedia, University of California, Santa Barbara
- 2012 EMB 292 Science Communication and Teaching, University of California, Santa Barbara
- 2010 Summer Teaching Institute for Associates, University of California, Santa Barbara
- 2010 Lead Teaching Assistant Institute, University of California, Santa Barbara

**SERVICE**

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**Department**

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- 2024 – present** Member, Collection Advisory Board for the Anthropology Research Collection.
- 2023 – present** Member, Graduate Committee, Department of Anthropology, Texas A&M University.
- 2016 – present** **NAGPRA Coordinator**, Department of Anthropology, Texas A&M University.
- 2023 – S2024 Member, Search Committee. Biomolecular Archaeology Assistant Professor Position, ANTH TAMU
- 2020 – S2023 Member, Undergraduate Committee, Department of Anthropology, Texas A&M University
- 2016 – S2023 **Curator**, Anthropology Research Collections, Department of Anthropology, Texas A&M University
- 2022 – S2023 Member, Search Committee. ACES Assistant Professor Position, Dept. of Anthropology, TAMU
- 2022 – S2023 Member, Search Committee. Transformational Hire Positions, Dept. of Anthropology, TAMU
- 2022 Member, Search Committee. Ancient DNA Postdoctoral Position, Dept. of Anthropology, TAMU
- 2022 Member, Search Committee. Archaeology Temporary Lecturer Position, Dept. of Anthropology
- 2021 – 2022 Member, Search Committee. ACES Assistant Professor Position, Dept. of Anthropology, TAMU
- 2021 – 2022 Member, Search Committee. Zooarchaeology Tenure Track Faculty Position, Department of Anthropology, Texas A&M University
- 2020 – 2021 Member, Task Force on Developing a Department Code of Conduct for Field Research, Department of Anthropology, Texas A&M University
- 2019 – 2020 Member, Search Committee. Biological Anthropology Tenure Track Faculty Position, Department of Anthropology, Texas A&M University
- 2019 Member, Search Committee Member. Biological Anthropology Temporary Lecturer Position, Department of Anthropology, Texas A&M University
- 2019 – 2020 **Chair**, Climate and Inclusion Committee, Department of Anthropology, Texas A&M University
- 2016 – 2020 Member, Climate and Inclusion Committee, Department of Anthropology, Texas A&M University
- 2014 – 2015 Member, Laboratory and Technology Committee, Temple University Anthropology
- 2008 – 2010 **LEAD Teaching Assistant**, Department of Anthropology, UCSB
- 2009 – 2012 **Outreach Coordinator**, Graduate Student Association, Department of Anthropology, UCSB
- 2007 – 2009 **Chair**, Graduate Student Association, Department of Anthropology, UCSB

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**University**

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- F2016 – present** Member, Museum Studies Interdisciplinary Advisory Board, Texas A&M University.
- S2024 – F2024 Member, Task force to develop guidelines for the governance and management of undergraduate interdepartmental programs, College of Arts and Sciences, TAMU.
- S2024 Member, Undergraduate Research Enhancement Committee, Office of the Provost, TAMU.
- S2023 – F2023 Member, Museum and Library Complex Vision Team, Office of the President, TAMU.
- F2022 – S2023 Member, University Collections Excess Storage Working Group, Office of the Vice President for Research, Division of Research, Texas A&M University.
- S2021 Member, Work Group on Champion Research Impact, Strategic Planning Steering Committee, The College of Liberal Arts, Texas A&M University.
- S2021 Member, Task Force on Faculty Engagement & Evaluation, The College of Liberal Arts, TAMU
- S2021 Member, Task Force on The Gardens on West Campus Expansion and Museum Development, The College of Agriculture and Life Sciences, Texas A&M University.
- 2017 – 2020 Member, Climate and Inclusion Committee, College of Liberal Arts, Texas A&M University
- 2017 – 2018 Member, Faculty Senate, College of Liberal Arts, Texas A&M University
- 2017 – 2018 Member, University Core Curriculum Council, Texas A&M University
- 2011 – 2014 Member, Chancellor's Advisory Committee on Academic Outreach, UCSB



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**Discipline**

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2019 – 2021	Member, Standards and Ethics Advisory Committee, Society for California Archaeology
2019 – 2020	Member, Meeting Safety Committee, Society for American Archaeology (SAA)
2019 – 2020	Member, Task Force on Sexual and Anti-Harassment Policies and Procedures, SAA
2016 – 2018	Member, Advisory Committee on Climate Change Strategies and the Archaeological Record, SAA Review UNESCO & UNEP Climate and World Heritage Report Review National Park Service COP21 climate negotiations related to cultural heritage
2014 – 2018	Member, Advisory Committee for Museums, Collections, and Curation, SAA Review the Department of the Interior's proposed deaccessioning regulations
2011 – 2013	Member, Advisory Committee for Museums, Collections, and Curation, SAA

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**Recent Peer-Review**

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**Review Panel** Ford Foundation Fellowship Program. National Academies of Sciences (2023)

**Award Reviewer** TAMU College of Arts & Sciences Research Impact Award (2024)

**Grant Reviewer**, National Science Foundation Archaeology Program (2015, 2019, 2023), Social Sciences and Humanities Research Council of Canada Insights Grants (2022, 2023)

**Expert Reviewer**, Intergovernmental Panel on Climate Change Special Report on Climate Change and Land (2018)

**Ad hoc Article Reviewer**, *American Antiquity*, *Journal of Archaeological Science*, *Journal of Archaeological Science Reports*, *Quaternary International*, *Journal of Island and Coastal Archaeology*, *Journal of Field Archaeology*, *Journal of California and Great Basin Anthropology*, *Journal Advances in Archaeological Practice*, *Tennessee Archaeology*, *Southern African Archaeological Bulletin*, *Hunter Gatherer Research*

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**Guest Lectures, Presentations, Panels**

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Spring 2024	Guest Speaker: ArtSci TAMU 101 - Session #5, New Faculty Orientation (3/26/2024) Dean for Faculty Success and Development, College of Arts & Sciences, Texas A&M University.
Spring 2023	Guest Lecture: Food for ANTH 205 with Catharina Laporte (3/8/2023) Department of Anthropology, Texas A&M University.
Spring 2023	Guest Lecture: NAGPRA for ANTH 489 with Katie Bojakowski (2/7/2023) Department of Anthropology, Texas A&M University.
Fall 2022	Presenter. Seminar for Anthropology Graduate Students: Job Search. Department of Anthropology, Texas A&M University.
Spring 2022	Guest Lecture: Food for ANTH 205 with Catharina Laporte (3/8/2022) Department of Anthropology, Texas A&M University.
Spring 2021	Guest Lecture: NAGPRA for ANTH 201 with Monya Anderson (4/16/2021) Department of Anthropology, Texas A&M University.
Spring 2021	Presenter. Zoominar for Anthropology Graduate Students: Job Search Part 2 Academic Job Interview. Department of Anthropology, Texas A&M University.
Spring 2019	Panelist. Sexual Assault, Sexual Harassment, and the 2019 SAA Meetings: A Panel Discussion for Faculty and Graduate Students (4/22/2019), Department of Anthropology, Texas A&M University.
Fall 2017	Presenter, ANTH 689 Anthropology Proseminar (10/20/2017) Department of Anthropology, Texas A&M University.
Fall 2017	Presenter. Food and Culture Seminar Series (10/2/2017) Department of Anthropology, Texas A&M University.
Spring 2017	Presenter, Undergraduate Anthropology Society (2/20/2017) Department of Anthropology, Texas A&M University.

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**Local Educational Outreach & Community Service**

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Spring 2023	Student Paper Judge. Texas Junior Science and Humanities Symposium Research Paper Competition, (1/27/2023), Texas A&M University, College Station, TX.
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- Fall 2022 Faculty Sponsor for Carving Cucurbits: The Ultimate Pumpkin Carving Challenge, Department of Anthropology, Texas A&M University, College Station, TX.
- Spring 2022 Student Poster Judge. Vaughn Bryant Memorial Anthropology Symposium, Department of Anthropology, Texas A&M University, College Station, TX (4/22/2023).
- 2019 – 2020 Ethics Bowl Faculty Coach. Texas A&M University Anthropology Department Team, 85th Meeting of the Society for American Archaeology, Austin, TX, Sixteenth Annual Intercollegiate Ethics Bowl Competition. Cancelled due to COVID-19
- Fall 2019 Faculty Sponsor for Carving Cucurbits: The Ultimate Pumpkin Carving Challenge, Department of Anthropology, Texas A&M University, College Station, TX.
- Fall 2018 Faculty Sponsor for Carving Cucurbits: The Ultimate Pumpkin Carving Challenge, Department of Anthropology, Texas A&M University, College Station, TX.
- Spring 2018 Ethics Bowl Judge. 83rd Meeting of the Society for American Archaeology, Washington, D.C. Fourteenth Annual Intercollegiate Ethics Bowl Competition.
- Spring 2018 Student Paper Judge. Ecological Integration Symposium, Ecology and Evolutionary Biology, Texas A&M University, College Station, TX.
- Spring 2018 Student Poster Judge. Ninth Annual Anthropology Symposium, Department of Anthropology, Texas A&M University, College Station, TX.
- Fall 2017 Faculty Sponsor for Carving Cucurbits: The Ultimate Pumpkin Carving Challenge, Department of Anthropology, Texas A&M University, College Station, TX.
- Spring 2017 Student Poster Judge. Eighth Annual Anthropology Symposium, Department of Anthropology, Texas A&M University, College Station, TX.
- 2016 – 2017 Organizer, Online Seminar Series for Graduate Students Continuing Professionalization  
 Native American Graves and Repatriation Act: NAGPRA Fundamentals (1/25/2017)  
 Addressing Orphaned Collections: A Practical Approach (2/2/2017)  
 Using Archaeological Collections for Research, Outreach, and Exhibition (2/15/2017)  
 Archaeological Curation for the Twenty-First Century (5/1/2017)  
 Teaching Curation: A Guide to Developing a New, Stand-Alone Course or Integrating Curation into an Existing One (11/2/2017)
- Fall 2016 Faculty Sponsor for Carving Cucurbits: The Ultimate Pumpkin Carving Challenge, Department of Anthropology, Texas A&M University, College Station, TX.
- 2016 – 2018 Primary Coordinator and Program Leader, Anthropology Research Collections Academic & Community Outreach Program, Texas A&M University.  
 STEM 4 Innovation Experiential Learning for Teachers (1/26/2018)  
 Clear Creek Intermediate School "Campus Archaeology" for 8<sup>th</sup> grade (Spring 2017)  
 Oakwood Intermediate School Kids Klub (10/3/16)  
 The Academy at World Champions Centre (9/1/16)
- 2010 – 2013 Primary Coordinator and Program Leader, Interactive Introduction to Archaeology Program, Repository for Archaeological and Ethnographic Collections, University of California, Santa Barbara  
 Marymount Middle School, 5<sup>th</sup> grade Social Studies (10/14/2012 & 10/15/2012)  
 Early Academic Outreach Program at Harding Elementary (1/27/2012)  
 Native American Indian Scholars Program A.N.C.H.O.R. Event (10/22/2011)  
 Marymount Middle School, 5<sup>th</sup> grade Social Studies (10/26/2011 & 10/27/2011)  
 Santa Ynez Chumash Reservation Educational Program Youth Summer Camp (7/12/2011)  
 Jumpstart to Pathways Program at Dos Pueblos High school (5/27/2011)  
 Office of Academic Preparation Jumpstart to Pathways Program at Isla Vista Elementary (3/3/2011)  
 Early Academic Outreach Program at Harding Elementary (10/15/2010)  
 Marymount Middle School, 5<sup>th</sup> grade Social Studies (10/21/2010 & 10/23/2010)  
 South Coast Writing Project for R. J. Frank Middle School (9/17/2010)
- 2010 – 2011 Research Mentor (6/2011 – 8/2011) Summer Sessions Mentorship Program, UCSB  
 2009 Program Assistant (9/22/2009 & 9/23/2009) Santa Barbara Coastal Long-Term Ecological Research Schoolyard Ecological Tour and Lecture for La Cumbre Junior High  
 2009 Program Assistant (10/2009) UCSB-Harding Elementary Early Academic Outreach Event

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**Popular Press**

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- 2021 [Anthropology students bring history to life at Forsyth Galleries](#). The Battalion.
- 2020 [We've Been Transforming the Earth for at Least 10,000 Years](#). The Good Men Project.
- 2019 [Ancient civilizations were already messing up the planet](#). Science Daily.
- 2019 [La degradación ambiental se remonta a hace 10.000 años](#). National Geographic Espana.
- 2019 [Humans have been impacting Earth for thousands of years, study says](#). CNN.
- 2019 [Humans Began Mass Ecological Destruction 3,000 Years Ago](#). Ancient Origins.
- 2019 [We've Been Transforming the Earth for at least 10,000 years](#). Futurity.
- 2019 [Crowdsourcing 10,000 years of land use](#). PennToday.
- 2019 [Humans Dominated Earth Earlier than Previously Thought](#). The New York Times.
- 2019 [When did humans start altering the Earth?](#) EarthSky.
- 2019 [Study Shows How Humans Have Transformed Earth, And Still Do](#). Environmental News Network.
- 2018 [Texas A&M receives grant to help repatriate Native American artifacts](#). The Eagle.
- 2017 [Study dates corn as staple crop in Central America beginning 4,300 years ago](#). Smithsonian Insider.
- 2017 [Maize from El Gigante Rock Shelter shows early transition to staple crop](#). AAAS EurekAlert!
- 2015 [Deep History](#). The UCSB Current.

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**Professional Affiliations**

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Register of Professional Archaeologists (RPA)  
Society for American Archaeology (SAA)