

CURRICULUM VITAE

Joshua T. Schnell

Assistant Professor
Department of Anthropology
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Education

- 2023 **Doctor of Philosophy**, Anthropology, Brown University
- Dissertation: *Cultures of Oral Care in the Southern Maya Lowlands (250 BCE – 1000 CE)*
- CLACS Dissertation Prize
- Prof. Andrew Scherer and Prof. Stephen Houston, supervisors
- 2018 **Master of Arts**, Anthropology, Brown University
- Thesis: *Medicine, Dental Practice, and the Production of Bone Objects among the Classic Maya as Seen from the S-Sector at Piedras Negras, Guatemala*
- 2016 **Bachelor of Science**, Anthropology, Michigan State University
- 2016 **Bachelor of Arts**, Religious Studies, Michigan State University

Research Interests and Specializations

Bioarchaeology, paleopathology, Maya archaeology, oral health, anthropology of care, body modifications, mortuary archaeology, visual culture and aesthetics, ethnomedicine, ethnohistory, microscopy (scanning electron and stereo), experimental archaeology, dental anthropology, radiography.

Appointments

- 2024-Present Assistant Professor, Department of Anthropology, University of Pittsburgh, Pittsburgh, PA
- 2024 Instructor, Brown University Summer@Brown Program, Providence, RI
- 2024 Instructor, McNair Scholars Program, Rhode Island College, Providence, RI
- 2023-24 Fellow, Dumbarton Oaks Research Library and Collection, Washington, DC
- 2023 Instructor, Brown University Summer@Brown Program, Providence, RI

Fellowships, Awards, and Scholarships

- 2023-24 Pre-Columbian Studies Fellowship, Dumbarton Oaks Research Library and Collection, Harvard University, Washington, DC
- 2023 CLACS Dissertation Prize, Brown University Center for Latin American and Caribbean Studies
- 2021-22 Interdisciplinary Opportunity Fellowship (Predoctoral), John Carter Brown Library, Providence, RI
- 2016-21 Graduate Research Fellowship, National Science Foundation
- 2016 Undergraduate Achievement Award, Theta Alpha Kappa
- 2015 Jane C. Waldbaum Award, Archaeological Institute of America (\$1,000)
- 2015 Beinecke Scholarship, The Sperry Fund (\$34,000)

Research Support (Grants and Awards)

- 2022 Graduate Research Travel Award, Brown University Graduate School (\$1,000)
- 2022 Jukowsky Summer Research Travel Grant, Brown University Graduate School (\$1,500)
- 2022 Dissertation Development Grant, Brown University Department of Anthropology (\$3,000)
- 2022 Field Research Grant, Brown University Program in Early Cultures (\$500)
- 2021 COVID-19 Summer Fellowship, Brown University Graduate School (\$2,000)
- 2021 Dissertation Development Grant, Brown University Department of Anthropology (\$600)
- 2021 Field Research Grant, Brown University Program in Early Cultures (\$850)
- 2020 Dissertation Development Grant, Brown University Department of Anthropology (\$2,948)
- 2020 COVID-19 Summer Fellowship, Brown University Graduate School (\$2,000)
- 2019 Graduate Research Travel Award, Brown University Graduate School (\$1,800)
- 2019 Jukowsky Summer Research Travel Grant, Brown University Graduate School (\$500)
- 2019 Field Research Grant, Brown University Program in Early Cultures (\$500)
- 2019 Pre-dissertation Research Grants, Brown University Department of Anthropology (\$3,283)
- 2018 Jukowsky Summer Research Travel Grant, Brown University Graduate School (\$500)
- 2018 Field Research Grant, Brown University Program in Early Cultures (\$1,000)
- 2018 Pre-dissertation Research Grants, Brown University Department of Anthropology (\$5,000)
- 2018 Graduate Research Travel Award, Brown University Graduate School (\$1,800)
- 2018 International Travel Award, Brown University Graduate School (\$900)
- 2017 Jukowsky Summer Research Travel Grant, Brown University Graduate School (\$950)
- 2017 Pre-dissertation Research Grants, Brown University Department of Anthropology (\$2,800)
- 2017 Graduate Research Travel Award, Brown University Graduate School (\$1,800)
- 2017 Tinker Foundation Field Research Grant, Brown University Center for Latin American and Caribbean Studies (\$3,000)
- 2014-16 Undergraduate Research Awards, Various, Michigan State University (Total Awarded: \$12,500)

Publications

Refereed Journal Articles

- 2023 Watson, Sarah E., **Joshua T. Schnell**, Shanti Morell-Hart, Andrew K. Scherer, and Lydie Dussol. "Healthcare in the Marketplace: Exploring Maya Medicinal Plants and Practices at Piedras Negras, Guatemala." *Ancient Mesoamerica*, 34(2), 383-406. <https://doi.org/10.1017/S0956536122000037>
- 2022 Hernandez-Bolio, Gloria I., Patricia Quintana, Marco Ramírez-Salomon, Elma Vega-Lizama, Michele Morgan, **Joshua T. Schnell**, Andrew Scherer, and Vera Tiesler. "Organic Compositional Analysis of Ancient Maya Tooth Sealants and Fillings." *Journal of Archaeological Science: Reports*, 43, 103435. <https://doi.org/10.1016/j.jasrep.2022.103435>
- 2022 Scherer, Andrew K., Charles Golden, Stephen Houston, Mallory Matsumoto, Omar A. Alcover Firpi, Whittaker Schroder, Alejandra Roche Recinos, Socorro Jiménez Álvarez, Mónica Urquizú, Griselda Robles Pérez, **Joshua T. Schnell**, and Zachary X. Hruby. "Chronology and the Evidence for War in the Classic Maya Kingdom of Piedras Negras." *Journal of Anthropological Archaeology*, 66, 101408. <https://doi.org/10.1016/j.jaa.2022.101408>
- 2022 **Schnell, Joshua T.**, and Andrew K. Scherer. "Classic Maya Dental Interventions: Evidence for Tooth Extractions at Piedras Negras, Guatemala." *Bioarchaeology International*, 5, 47-67. <https://doi.org/10.5744/bi.2021.1001>
- 2021 Golden, Charles, Andrew K. Scherer, Whittaker Schroder, Timothy Murtha, Shanti Morell-Hart, Juan Carlos Fernandez Diaz, Socorro del Pilar Jiménez Álvarez, Omar Alcover Firpi, Mark

Agostini, Alexandra Bazarsky, Morgan Clark, George Van Kollias III, Mallory Matsumoto, Alejandra Roche Recinos, Joshua **Schnell**, and Bethany Whitlock. "Airborne Lidar Survey, Density-Based Clustering, and Ancient Maya Settlement in the Upper Usumacinta River Region of Mexico and Guatemala." *Remote Sensing*, 13, 4019. <https://doi.org/10.3390/rs13204109>

Refereed Book Chapters

- In Scherer, Andrew K., Ricardo Rodas, **Joshua T. Schnell**, Mónica Urquizú, and Omar Alcover
Press Firpi. "The Man of Macabilero: An Osteobiography of Perseverance." In *Mesoamerican Osteobiographies: Revealing the Lives and Deaths of Ancient Individuals*, edited by Gabriel Wrobel and Andrea Cucina. University Press of Florida, Gainesville.
- 2022 Scherer, Andrew K., and **Joshua T. Schnell**. "Maya Bioarchaeology." In *The Routledge Handbook of Mesoamerican Bioarchaeology*, edited by Vera Tiesler, pp. 168-180. Routledge, London.

Non-Refereed Publications

- In Golden, Charles, Andrew K. Scherer, Alejandra Roche Recinos, Griselda Pérez Robles, Mónica
Press Urquizú Sánchez, Whittaker Schroder, Timothy Murtha, Omar Alcover Firpi, Mark Agostini, Alexandra Bazarsky, Morgan Clark, George Van Kollias III, Mallory Matsumoto, **Joshua Schnell**, and Bethany Whitlock. "Entre el Aire y la Tierra: los Datos de LIDAR y el Reconocimiento Terrestre en el Parque Nacional Sierra del Lacandón." In *XXXV Simposio de Investigaciones Arqueológicas en Guatemala, 2022*. Museo Nacional de Arqueología y Etnología, Guatemala.
- 2022 DeRogatis, Amy, Alison Furlong, Lauren Pond, **Joshua Schnell**, Kate Topham, J. Caroline Toy, and Isaac Weiner. *American Religious Sounds Project Site Coordinator Manual*. Humanities Commons. <https://doi.org/10.17613/h9s2-jv31>
- 2018 Urquizú, Mónica; Griselda Pérez, Andrew Scherer, Charles Golden, Shanti Morell-Hart, Omar Alcover Firpi, Alejandra Roche Recinos, Mallory Matsumoto, Alejandro González, Ricardo Rodas, **Joshua Schnell**, and Max Seidita. "Resultados de la segunda temporada de investigaciones del proyecto Paisaje Piedras Negras-Yaxchilan 2017." In *XXXI Simposio de Investigaciones Arqueológicas en Guatemala, 2017*, edited by Barbara Arroyo, Luis Méndez Salinas y G. Ajú Álvarez, pp. 355-362. Museo Nacional de Arqueología y Etnología, Guatemala.
- 2018 Houston, Stephen D., and **Joshua T. Schnell**. "Tubing." Blog post, *Ancient Maya Decipherment: Ideas on Ancient Maya Writing and Decipherment*. <https://decipherment.wordpress.com/2018/05/12/tubing/>

Manuscripts in Preparation

Schnell, Joshua T. "Reframing Care in Bioarchaeology: The Case for an Expanded Approach." To be submitted to *Current Anthropology*.

Schnell, Joshua T. "Multiple Dental Interventions in a Terminal Classic (c. 810-950 CE) Individual from Ceibal, Guatemala." To be submitted to the *International Journal of Paleopathology*.

Research and Technical Reports

- 2023 **Schnell, Joshua T.**
Análisis osteológicos en el Salón 3. In *Proyecto Paisaje Piedras Negras-Yaxchilan, Informe Preliminar de la Quinta Temporada de Investigación*, edited by Alejandra Roche Recinos, Charles Golden, and Andrew K. Scherer, pp. . Instituto de Antropología e Historia, Guatemala City.
- 2019 Scherer, Andrew K., Mallory Matsumoto, Joshua **Schnell**, Charles Golden, and Whittaker Schroder
Lacanjá Tzeltal: Operación 5B: Investigaciones de la cancha del juego de pelota. In *Proyecto Arqueológico Busilhá-Chocoljá, Informe Preliminar de la Décima Temporada*, edited by Andrew K. Scherer and Charles Golden, pp. 159-180. Instituto Nacional de Antropología e Historia, Mexico City.
- 2019 Ramiro Talavera, Moisés Yerath, Sonny Moises Ojeda González, and Joshua **Schnell**
Las Limas: Investigaciones preliminares. In *Proyecto Arqueológico Busilhá-Chocoljá, Informe Preliminar de la Décima Temporada*, edited by Andrew K. Scherer and Charles Golden, pp. 308-326. Instituto Nacional de Antropología e Historia, Mexico City.
- 2019 Scherer, Andrew K., Harper Dine, and Joshua **Schnell**
Bioarqueología: Análisis de los huesos humanos de Paso del Tigre, huesos de contextos no funerario de Lacanjá Tzeltal y resultados de investigaciones de isótopos estables de Rancho Búfalo, Budsilha, y El Infiernito. In *Proyecto Arqueológico Busilhá-Chocoljá, Informe Preliminar de la Décima Temporada*, edited by Andrew K. Scherer and Charles Golden, pp. 381-395. Instituto Nacional de Antropología e Historia, Mexico City.
- 2018 **Schnell, Joshua T.** and Andrew K. Scherer
Análisis de Huesos Humanos de Budsilha y Infiernito. In *Proyecto Arqueológico Busilhá-Chocoljá, Informe Preliminar de la Novena Temporada*, edited by Charles Golden and Andrew K. Scherer. Instituto Nacional de Antropología e Historia, Mexico City.
- 2018 Rodas, Ricardo, Joshua T. **Schnell**, and Andrew K. Scherer
Bioarqueología de Macabilero. In *Proyecto Paisaje Piedras Negras – Yaxchilan, Informe de la Tercera Temporada de Investigación*, edited by Omar A. Alcover and Mónica Urquizú, pp. 80-91. Instituto de Antropología e Historia, Guatemala City.
- 2018 Morrell-Hart, Shanti, Sarah Newman, Joshua T. **Schnell**, Meghan McLeod, Sarah Watson, Harper Dine, Mallory Matsumoto.
Budsilha: Operación 1: Investigaciones en el Grupo Principal. In *Proyecto Arqueológico Busilhá-Chocoljá, Informe Preliminar de la Novena Temporada*, edited by Charles Golden and Andrew K. Scherer. Instituto Nacional de Antropología e Historia, Mexico City.
- 2017 **Schnell, Joshua T.**, Sarah Newman, and Andrew K. Scherer
Análisis óseos de Operación 15 de Piedras Negras. In *Proyecto Paisaje Piedras Negras – Yaxchilan, Informe de la Segunda Temporada*, edited by Mónica Urquizú, Andrew K. Scherer, and Charles Golden, pp. 200-228. Instituto de Antropología e Historia, Guatemala City.
- 2017 **Schnell, Joshua T.**, and Andrew K. Scherer
Análisis de huesos humanos de Operación 74 de Piedras Negras. In *Proyecto Paisaje Piedras Negras – Yaxchilan, Informe de la Segunda Temporada*, edited by Mónica Urquizú, Andrew K. Scherer, and Charles Golden, pp. 229-234. Instituto de Antropología e Historia, Guatemala City.

Teaching Experience

University of Pittsburgh

2025 The Decorated Body: Cultural Expression and the Human Body

2024 Human Variation

Rhode Island College

2024 Instructor of Record, COL 350: Research Strategies, McNair Scholars Program

2023 **Instructor of Record**, Human Anatomy and Physiology, Upward Bound Summer Session

Brown University

2024 **Instructor of Record**, Ancient Health and Disease: Human-Disease Interactions in the Past, Summer @ Brown Pre-College Program.

2023 **Instructor of Record**, Innovative Writing Across Media: An Introduction to the College Workshop, Summer @ Brown Pre-College Program.

2023 **Co-Instructor**, ANTH 0310: Human Evolution (Introduction to Biological Anthropology).

2022 **Co-Instructor**, ANTH 1720: The Human Skeleton (Introduction to Human Osteology).

2022 **Instructor of Record**, ANTH 1720: The Human Skeleton (Introduction to Human Osteology).

2021 **Co-Instructor**, ANTH 0310: Human Evolution (Introduction to Biological Anthropology).

2018 **Teaching Assistant**, ANTH 1720: The Human Skeleton (Introduction to Human Osteology).

2018 **Teaching Assistant**, ANTH 0310: Human Evolution (Introduction to Biological Anthropology).

2017 **Teaching Assistant**, ANTH 1720: The Human Skeleton (Introduction to Human Osteology).

Professional Development

2022 **Course Design Certificate**, The Harriet W. Sheridan Center for Teaching and Learning, Brown University.

2021 **Reflective Teaching Certificate**, The Harriet W. Sheridan Center for Teaching and Learning, Brown University.

Invited Lectures

Mar. 1, 2024 My Teeth Are My Finery: Cultures of Oral Care in the Maya World. Public lecture presented at the Pre-Columbian Society of Washington DC March 2024 meeting.

Nov. 5, 2021 Defining a Culture of Oral Care among the Classic Maya: Oral Hygiene, Dental Aesthetics, and Therapeutic Dentistry in Bioarchaeological Perspective. Public lecture

- presented at the Michigan State University Department of Anthropology speaker series.
- Feb. 26, 2021 An Experimental Approach to Investigating Ancient Maya Oral Care Practices. Public lecture presented in the Brown University Department of Anthropology's Spring 2021 colloquium speaker series.
- Oct. 15, 2019 Dentists in the Market? Bioarchaeological Research and the Identification of Human Tooth Extractions in an Ancient Maya Marketplace. Guest lecture in ANTH 102: Introduction to Archaeology, taught by Amélie Allard. Rhode Island College.
- Mar. 22, 2019 Royal Courts and Palatial Life among the Classic Maya. Guest lecture in ARCH 0760: Palaces: Built to Impress, taught by Carl Walsh. Joukowsky Institute for Archaeology and the Ancient World, Brown University.

Selected Conference Presentations

- 2022 **Schnell**, Joshua T.
Medicinal Dimensions of Marketplace Activity among the Ancient Maya: A Case Study from Piedras Negras, Guatemala. Paper presented at Prehistoric, Ancient and Medieval Medicine: New Perspectives and Challenges for the Twenty First Century, an international symposium hosted by Charles University, Prague, Czech Republic.
- 2022 Golden, Charles, Andrew K. Scherer, Shanti Morell-Hart, Alejandra Roche, Griselda Pérez Robles, Mónica Urquiza, Whittaker Schroder, Timothy Murtha, Omar Alcover Firpi, Mark Agostini, Alexandra Bazarsky, Morgan Clark, George Van Kollias III, Mallory Matsumoto, Joshua **Schnell**, and Bethany Whitlock
Entre el Aire y la Tierra: Los Datos de LiDAR y el Reconocimiento Terrestre en el Parque Nacional Sierra del Lacandón. Paper presented at the XXXV Simposio de Investigaciones Arqueológicas en Guatemala, Guatemala City.
- 2022 Hernández-Bolio, Gloria I., Patricia Quintana, Michéle Morgan, Andrew Scherer, Joshua **Schnell**, and Vera Tiesler
A Secret Behind Dental Decoration of Ancient Maya: Organic Compositional Studies of Tooth Seals and Fillings. Paper accepted for presentation at the 87th annual Society for American Archaeology meetings, Chicago, IL.
- 2021 Watson, Sarah, Joshua **Schnell**, Shanti Morell-Hart, Andrew Scherer, and Lydie Dussol
Healthcare in the Marketplace: Exploring Medicinal Plants and Practices at Piedras Negras, Guatemala. Paper presented at the *Journée d'étude - Santé humaine et animale dans le passé: approches archéologiques et historiques*, Université Côte d'Azur, Nice, France.
- 2021 Bazarsky, Alex, Pamela Garcia, G. Van Kollias III, and Joshua T. **Schnell**
Design and Planning of an Ancient Urban Landscape in Chiapas, Mexico. Poster presented at the hybrid 2021 Digital Landscape Architecture conference, Dessau-Köthen-Bernburg, Germany.
- 2021 **Schnell**, Joshua T.
Exploring Transatlantic Sources of Botanical Dental Treatments Described in the Early Colonial Manuscripts of Mesoamerica. Flash talk presented at the 2021 Virtual American Association for the History of Medicine meetings.

- 2021 **Schnell, Joshua T.**
Ancient Maya Dentistry: New Evidence for Therapeutic Dental Interventions and Dental Care Practices. Paper presented at the 2021 Virtual Society for American Archaeology meetings.
- 2020 **Schnell, Joshua T.**
“Thy Teeth Will Have To Come Out:” Identifying Ancient Maya Dental Treatments in the Archaeological Record. Paper presented at the Brown University Center for Latin American and Caribbean Studies Graduate Symposium, Providence, RI.
- 2019 **Schnell, Joshua T.**
Patients and Practitioners: Archaeological and Ethnohistorical Approaches to Ancient Medicine and Healing Practices in the Americas. Paper presented at the Society for American Archaeology meetings, Albuquerque, NM.
- 2019 Watson, Sarah, Joshua T. **Schnell**, Shanti Morell-Hart, and Andrew K. Scherer
Health Care in the Marketplace: Exploring Medicinal Plants and Practices at Piedras Negras. Paper presented at the Society for American Archaeology meetings, Albuquerque, NM.
- 2018 **Schnell, Joshua T.**, Sarah Newman, and Andrew K. Scherer
The Animal, Human, and Worked Bone of the S-Sector at Piedras Negras, Guatemala. Paper presented at the Society for American Archaeology meetings, Washington, D.C.
- 2017 **Schnell, Joshua T.**
Dead Bodies for the Living: The Politics of Ancient Maya Mortuary Practices. Paper presented at the American Academy of Religion Meetings, Boston, MA.
- 2015 **Schnell, Joshua T.**, and Gabriel Wrobel
Three-dimensional Osteometry: A Comparative Study of 3D Model Generation Techniques and their Relative Accuracy for Digital Cranial Osteometry. Poster presented at the Society for American Archaeology Meetings, San Francisco, CA.

Organized Sessions and Workshops

- 2019 **Co-Organizer**, “Medicine and Healing in the Americas: Archaeological and Ethnohistorical Perspectives,” a session at the Society for American Archaeology Annual Meetings, Albuquerque, NM.
- 2017 **Co-Organizer**, New England Graduate Archaeology Workshop. Joukowsky Institute for Archaeology and the Ancient World, Brown University.

Other Professional Experience

- 2023
(Feb-Aug) **Writing Specialist, Pre-Professional and Health Career Advising**, Brown University, Providence, RI. Providing one-on-one consultation with undergraduate students and recently alumni applying to health career professional programs to workshop written application materials.
- 2022-23 **Graduate Writing Associate, The Writing Center at the Harriet W. Sheridan Center for Teaching and Learning**, Brown University, Providence, RI. Providing one-on-work consultations with undergraduate, graduate, faculty, and staff writers by employing a liberatory, non-hierarchical writing pedagogy steeped in writing theory.

- 2022 **Archaeological Consultant, Apeiron Games, *Ahau: Rulers of Yucatan***. Provided consultation and feedback on illustrations, game mechanics, theme implementation, and historical accuracy for the board game *Ahau: Rulers of Yucatan*.

Service

- 2024 – Present External Reviewer for *Cuadernos de Anthropologia*, University of Costa Rica.
- 2024 – Present Editorial Board Member, *Journal of Dental Anthropology*.
- 2022 – Present STEM Outreach through the Letters to a Pre-Scientist program.
- 2021 – Present Public Education Committee, Student Member, Society for American Archaeology.
- 2020 – Present STEM Outreach through the Skype a Scientist program.
- 2022 Apprenticeship Mentor for an Undergraduate Student in Biological Anthropology, Department of Anthropology, Brown University.
- 2021 Graduate Student Proctor, Brown University Graduate School All-Student Orientation Design, Planning, and Implementation.
- 2020-22 STEM Outreach, Organizing archaeology teaching material and learning activities for elementary aged-children. East Providence School District, East Providence, RI.
- 2016-19 Osteology Coordinator, International Archaeology Day at Brown University.
- 2018 Co-Organizer, Brown University Department of Anthropology Admitted Students Weekend.
- 2016-17 Graduate Mentor, Brown University Department of Anthropology.
- 2015-16 Undergraduate Research Ambassador, Michigan State University Undergraduate Research Office.
- 2014-15 President, Michigan State University Undergraduate Anthropology Club.

Field Work and Project Affiliations

- 2023 – Present **Proyecto Arqueológico Bajo Lacantún (PABL)**, *Project Osteologist and Field Director*. Directed by Whittaker Schroder (University of Florida, Gainesville).
- 2018 – Present **Proyecto Arqueológico Busilhá-Chocoljá (PABC)**, *Field Archaeologist and Laboratory Bioarchaeologist*. Directed by Andrew Scherer (Brown University) and Charles Golden (Brandeis University). <http://usumacinta-archaeology.blogspot.com/>
- 2017 – 2019 **Proyecto Paisaje Piedras Negras – Yaxchilan (PPPNY)**, *Field Archaeologist and Laboratory Bioarchaeologist*. Directed by Andrew Scherer (Brown University) and Charles Golden (Brandeis University). <http://usumacinta-archaeology.blogspot.com/>

- 2014-16 **The American Religious Sounds Project** (formerly The Religious Soundmap of the Global Midwest), *Project Manager*. Directed by Amy DeRogatis (Michigan State University) and Isaac Weiner (The Ohio State University). East Lansing, MI.
- 2013-16 **MSU Campus Archaeology Program**, *Survey Team Member*, Michigan State University, East Lansing, MI. CRM, Salvage/Rescue Excavation, Survey.
- 2015 **Central Belize Archaeological Survey (CBAS)**, *Field School Student*. Directed by Gabriel Wrobel (Michigan State University). San Ignacio, Belize.
- 2013-16 **MSU Bioarchaeology Lab**, *Student Researcher*. Digital osteometry, 3D scanning and photogrammetry, and body modification research. Founded the pilot study that has since become the *Maya Cranial Photogrammetry Project*. Michigan State University, East Lansing, MI.
- 2013-14 **MSU Campus Archaeology Program**, *Intern*, Michigan State University, East Lansing, MI. GIS Analysis, Database Management, Map Production.

Languages

English (Native), Spanish (Proficient – Reading, Writing, Speaking)

Skills and Laboratory Certifications

- Computer Software: Database creation and management in FileMaker Pro and Excel, statistical analysis in R, proficiency (including LiDAR visualization and analysis) in ArcGIS, photogrammetry and Agisoft Metashape
- Human skeletal analysis and photography
- Human and animal skeletal processing
- Online teaching using Zoom and Canvas
- Scanning Electron Microscopy: trained on a FEI Quattro-E-SEM at the Brown University Institute for Molecular and Nanoscale Innovations and the Phenom Pro Desktop SEM at the Rhode Island School for Design's Nature Lab (including graphite- and gold-based sample prep via sputter coating)
- Laboratory Safety, Hazardous Waste, and Hydrofluoric Acid Safety Training certifications, Brown University

Professional Memberships

Society for American Archaeology
American Association of Biological Anthropology
American Anthropological Association
American Academy for the History of Dentistry
Paleopathology Association
Dental Anthropology Association
Phi Beta Kappa, Epsilon of Michigan Chapter