

CURRICULUM VITA
SARAH B. BARBER
Professor of Anthropology
Professor, National Center for Integrated Coastal Research

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EDUCATION

- Ph.D. **University of Colorado at Boulder**, Anthropology. 2005.
Dissertation: *Heterogeneity, Identity, and Complexity: Negotiating Status and Authority in Terminal Formative Coastal Oaxaca.*
- M.A. **University of Colorado at Boulder**, Anthropology. 1999.
Thesis: *Ethnoarchaeological Approaches to Household Wealth in an Ancient Agricultural Community: Storage and Food Production at Cerén, El Salvador.*
- A.B. **Harvard University**, Anthropology. 1996. *Magna cum laude* with highest honors in Anthropology.
Thesis: *Evolution of Domestic Architecture: House Form and Function at Copán, Honduras.*

ACADEMIC POSITIONS

- 2024 – present **Associate Chair**, Department of Anthropology. University of Central Florida, Orlando, FL.
- 2022 – present **Professor**, Department of Anthropology. University of Central Florida, Orlando, FL.
- 2022 – present **Professor**, National Center for Integrated Coastal Research. University of Central Florida, Orlando, FL.
- 2017 – 2022 **Associate Professor**. National Center for Integrated Coastal Research. University of Central Florida, Orlando, FL.
- 2013 – 2022 **Associate Professor**. Department of Anthropology. University of Central Florida, Orlando, FL.
- 2014 – 2019 **Undergraduate Coordinator**. Department of Anthropology.
- 2007 – 2013 **Assistant Professor**. Department of Anthropology. University of Central Florida, Orlando, FL.

RESEARCH INTERESTS

I am a Mesoamerican archaeologist with a primary research interest in the development and organization of early complex societies. I examine these processes through cases in ancient Mexico, particularly the lower Río Verde valley and Manialtepec Basin of coastal Oaxaca.

I have a secondary research interest in the reciprocal relationships between coastal ecosystems and human societies. This transdisciplinary work involves study of social and environmental changes around the Manialtepec Lagoon, Mexico, and the Indian River Lagoon, Florida.

GRANTS

Currently Active External Funding	Total External Funding	Total Direct Credit*
\$1,034,018	\$1,700,136	\$969,255

My external funding post-tenure has enabled me to build a coastal research program on the Atlantic coast of Florida that includes significant student training. Co-PIs include pre-tenure faculty and non-tenure-earning Lecturers. To pursue my coastal research interests, I have built a transdisciplinary research team with specialties in ecology, geology, paleoethnobotany, zooarchaeology, hydrology, cultural anthropology, and political science.

*I am PI on all current and completed external funding, with the largest percentage of effort awarded to me (compared with co-PIs) on all funding listed below.

External Grants

- 2024 Phase I/II Testing Support at Site 8RB82 and 8BR83 (Season 2) and Phase I/II Testing Support at the LC-1/2/3/4 Original Blockhouse Site (Season 1) Cape Canaveral Space Force Station, Brevard County, FL. **University of Chicago Argonne LLC/Argonne National Laboratory/US Department of Energy.** UCF AWD6035/GR108977.
- Role: **PI**
 - Co-PIs: Neil Duncan (Associate Professor); Emily Zvodny (Assistant Professor); Amanda Williams (Senior Lecturer); Sandra Wheeler (Lecturer)
 - \$250,255
 - Percent Credit: \$160,139
- 2023 Phase I/II Testing Support at the Penny Site (8BR158) and Phase I/II Testing Support at the NOTU Site (8BR1641), Cape Canaveral Space Force Station, Brevard County, Florida. **University of Chicago Argonne LLC/Argonne National Laboratory/US Department of Energy.** UCF AWD5811/GR108499.
- Role: **PI**
 - Co-PIs: Neil Duncan (Associate Professor); Emily Zvodny (Assistant Professor); Amanda Williams (Senior Lecturer); Sandra Wheeler (Lecturer)
 - \$240,058
 - 33% Credit: \$99,972
- 2023 Phase I/II Testing at the Penny Site (8BR158), Phase I/II Testing at the NOTU Site (8BR1641), and Phase I/II Testing at the DeSoto Site (8BR82 and 8BR83), Cape Canaveral Space Force Station, Brevard County, Florida. **University of Chicago**

- Argonne LLC/Argonne National Laboratory/US Department of Energy.** UCF
AWD 5782/GR108436.
- Role: **PI**
 - Co-PIs: Neil Duncan (Associate Professor); Emily Zvodny (Assistant Professor); Amanda Williams (Senior Lecturer); Sandra Wheeler (Lecturer)
 - \$294,750
 - 38% Credit: \$118,231
- 2023 Phase I/II Testing Support at the Burns Site (8BR85); Phase I/II Testing Support at the Penny Site (8BR158); and Artifact Analysis for the Unnamed Site (8BR232) Cape Canaveral Space Force Station, Brevard County, Florida. **University of Chicago Argonne LLC/Argonne National Laboratory/US Department of Energy.** UCF
AWD5675/GR108223
- Role: **PI**
 - Co-PIs: Neil Duncan (Associate Professor); Emily Zvodny (Assistant Professor); Amanda Williams (Senior Lecturer); Sandra Wheeler (Lecturer)
 - \$224,939
 - Direct Credit: \$86,689
- 2021 GIS of 8BR240 and 8BR223/2355/2356 Cape Canaveral Air Force Station. **University of Chicago Argonne LLC/Argonne National Laboratory/US Department of Energy.** GR108290
- Role: **PI**
 - \$24,016 (100% Credit)
- 2021 Phase I and Phase II Archaeological Investigations at BR85 and BR158 Cape Canaveral Air Force Station. **University of Chicago Argonne LLC/Argonne National Laboratory/US Department of Energy.**
- Role: **PI**
 - Co-PI: Neil Duncan (Assistant Professor)
 - Senior Personnel: Amanda Groff (Senior Instructor), Sandra Wheeler (Senior Instructor)
 - \$194,787
 - 58% Credit: \$112,976
- 2018 & 2020 Phase II Archaeological Excavation at BR85 Cape Canaveral Air Force Station. **University of Chicago Argonne LLC/Argonne National Laboratory.** AWD 7193
- Role: **PI**
 - Co-PI: Neil Duncan (Assistant Professor)
 - \$273,945
 - 62% Credit: \$169,846

- 2012 Religion and Political Innovation in Formative Mesoamerica. **Religion and Innovation in Human Affairs Program**, The John Templeton Foundation (via The Historical Society):
- Role: **PI**
 - \$90,162 (100% Credit)
- 2012 Collaborative Research: Political Integration of the Formative Period Rio Viejo State, Oaxaca, Mexico. **National Science Foundation**, Research Experiences for Undergraduates (REU) Supplement: BCS1123377.
- Role: **PI**
 - \$3,720 (100% Credit)
- 2011 Oaxaca's Forgotten Coast: Settlement, Trade, and Conquest in the Manialtepec Basin of Pacific Mexico. **National Geographic Society**, Waitt Grant: W17411.
- Role: **PI**
 - \$14,753 (100% Credit)
- 2011 Collaborative Research: Political Integration of the Formative Period Rio Viejo State, Oaxaca, Mexico. **National Science Foundation**, Senior Research Grant. BCS1123377.
- Role: **PI**
 - \$88,751 (100% Credit)

Internal Research Grants

- 2019 Modeling Lagoon Ecosystem Health over Deep Time: Developing New Methods Through Convergent Research in Tropical Mexico. **UCF IR1 SEED Grant program**, UCF.
- Role: **PI**
 - Co-PIs: Joseph Donoghue (Associate Professor Emeritus, Physics [Geology], UCF), Peter Jaques (Professor, Political Science, UCF), Kelly Kibler (Assistant Professor, Civil Engineering [Hydrology], UCF), Kristy Lewis (Assistant Professor, Biology, UCF)
 - Key Personnel: David Hoffman (Associate Professor, Anthropology and Sociology [Cultural Anthropology], Mississippi State University), José Alberto Montoya Márquez (Profesor-Investigador, Instituto de Recursos [Ecology], Universidad del Mar)
- 2009 **UCF In-House Grant**, UCF.

Other Internal Funding

- 2022 **College of Sciences Competitive Sabbatical Award**, UCF.
- 2013 **College of Sciences Competitive Sabbatical Award**, UCF.

Internal Teaching Grants

- 2017 Incorporating Integrative Learning into the Anthropology Major. **Quality Enhancement Plan Grant Program**, Program Innovation Award, UCF.
- Role: **PI**

- Co-PIs: Chinyen Chuo, Neil Duncan, Amanda Groff, Beatriz Reyes-Foster, John Schultz, and Lana Williams
- 2016 **Learning Institute for Elders (LIFE)**, Teaching Equipment Award, UCF.
- Role: Co-PI
 - PI: Lana Williams
- 2007 **Learning Institute for Elders (LIFE)**, UCF. Co-PI with J. Walker.

Internal Teaching Workshops

- 2025 **Summer Conference**, Faculty Center for Teaching and Learning, UCF
- 2025 **Hispanic-Serving Institution Faculty Learning Community**, Hispanic-Serving Institution Initiatives, UCF (Competitive)
- 2020 **Summer Conference**, Faculty Center for Teaching and Learning, UCF
- 2018 **Quality Enhancement Plan Development Workshop**, UCF.
- 2018 **Summer Conference**, Faculty Center for Teaching and Learning, UCF
- 2017 **Winter Conference**, Faculty Center for Teaching and Learning, UCF.
- 2016 **Summer Conference**, Faculty Center for Teaching and Learning, UCF.
- 2011 **Summer Conference**, Faculty Center for Teaching and Learning, UCF.
- 2010 **Summer Conference**, Faculty Center for Teaching and Learning, UCF.
- 2007 **Winter Conference**, Faculty Center for Teaching and Learning, UCF.
- 2007 **Introduction to Distributed Learning**, Center for Distributed Learning, UCF.

DISTINCTIONS AND AWARDS

Research

- 2023 **CfAS/Amerind Museum Design Workshop** on *The Synthetic Study of Governance, Well-being, and Sustainability*. Competitively selected, international working group funded by the Center for Archaeological Synthesis and the Amerind Foundation. Dragoon, Arizona, and ongoing.
- 2018 **Scroll and Quill Society**, UCF. Awarded to faculty with “sustained scholarly contributions [that] ... have brought positive national or international attention to the institution.”
- 2015 **Research Incentive Award**, College of Sciences, UCF. Competitive, college-wide award recognizing “outstanding research...that advances the body of knowledge in a particular field.”
- 2014 **Associate Professor Rising Star Award**, College of Sciences, UCF. Competitive, college-wide program. I was the inaugural awardee.

Teaching

- 2019 **University Award for Excellence in Undergraduate Advising**, UCF. Competitive, university-wide award.
- 2019 **Award for Excellence in Graduate Teaching**, College of Sciences, UCF. Competitive, college-wide award.
- 2018 **Teaching Incentive Program Award**, College of Sciences, UCF. Competitive, college-wide award recognizing excellence in teaching.
- 2017 **Life@UCF Excellence in Community Partnership Award**, Center for the Success of Women Faculty, UCF. Competitive, university-wide award recognizing the UCF-Cape Canaveral Air Force Station archaeology internship program.
- 2012 **Teaching Incentive Program Award**, College of Sciences, UCF. Competitive, college-wide award recognizing excellence in teaching.

Other

- 2013 **31 Wonderful UCF Women Who Have Helped Chart the Course of UCF's 50-Year History**, Center for the Success of Women Faculty, UCF.

PROFESSIONAL DEVELOPMENT

- 2022 **Inclusion Champion Training**, Office of Diversity and Inclusion, UCF.
- 2022 **LGBTQ+ Safe Zone Advocate Training**, Office of Diversity and Inclusion, UCF.

PUBLICATIONS

Citations	h-index	i10-index
812	16	22

Google Scholar March 11, 2025

I have a longstanding commitment to collaborative research and frequently publish with collaborators in Mexico. I also publish with, and support the scholarship of, graduate students.

Refereed Edited Books

- 2018 **S.B. Barber** and A.A. Joyce, eds. *Religion and Politics in the Ancient Americas*. Routledge Archaeology of the Ancient Americas. Routledge, London.

Refereed Journal Articles

In prep **S.B. Barber**, M. Efford, M. Shaffer, K. Lewis, V. Christensen. The Missing Link in Shifting Baselines is Archaeological Data. Manuscript in preparation for submission to *Nature Communications*.

- Graduate student co-authors (Efford, Shaffer)

In prep **S.B. Barber**, A.A. Joyce, P. Cunningham-Smith, S. Morrell-Hart. Gathered for the Feast: Food and Feasting at the Río Viejo Acropolis. Manuscript in preparation.

- Graduate student co-author (Cunningham-Smith)

- In prep **S.B. Barber**, N.A. Duncan, T.E. Penders, E. Tyler, S. Savateri, J. Davenport, E. Zavodny, A. Groff. Recent Research at 8BR85, The Burns Site, Cape Canaveral, Florida. Manuscript in preparation for submission to *Southeastern Archaeology*.
- Graduate student co-authors (Tyler, Savateri)
- 2020 Mayes, A.T., **S.B. Barber**, A.A. Joyce, and M.M. Butler. Cambio social en el bajo Río Verde, Oaxaca, México: una perspectiva bioarqueológica. *Anales de Antropología* 54(1):71-79.
- Foreign language publication
- 2019 Hepp, G.D., **S.B. Barber**, J.S. Brzezinski, A.A. Joyce, R. Wedemeyer. The Symbolism, Use, and Archaeological Context of Masks in Formative period Coastal Oaxaca, Mexico. *Cambridge Archaeological Journal*. DOI: <https://doi.org/10.1017/S0959774319000623>
- Graduate student co-author (Wedemeyer)
- 2019 **Barber, S.B.** and D. Pierce. Supplemental Paste Composition Data from the Manialtepec Basin, Oaxaca. *Data in Brief*. 23:1-9.
- 2019 **Barber, S.B.** and D. Pierce. Ceramic Production and Consumption in an In-Between Place: Instrumental Neutron Activation Analysis of Ceramics from the Manialtepec Basin of Oaxaca, Mexico. *Journal of Archaeological Science: Reports* 23:868-880.
- 2017 Brzezinski, J., A.A. Joyce, and **S.B. Barber**. Constituting Animacy, Community, and Status in a Terminal Formative Bundled Offering from the Coast of Oaxaca, Mexico. *Cambridge Archaeological Journal* 27(3):511-531.
- Included in Year in Review of archaeological research, *American Anthropologist*
 - Graduate student co-author (Brzezinski)
- 2015 Joyce, A.A. and **S.B. Barber**. Ensoulment, Entrapment, and Political Centralization: A Comparative Study of Religion and Politics in Later Formative Oaxaca. *Current Anthropology*. 56(6):819-847.
- Included in *Showing Anthropology Matters: Public Anthropology in Action*, edited by Robert Borofsky (2018), an anthology of articles selected by votes of chairs from 21 US Anthropology departments
- 2014 **Barber, S.B.**, A. Workinger, and A.A. Joyce. Situational Inalienability and Social Change in Formative Coastal Oaxaca. In *Inalienable Possessions in the Archaeology of Mesoamerica*, B. Kovacevich and M.G. Callaghan, eds. *Archaeological Papers of the American Anthropological Association*. 23(1):38-53. American Anthropological Association, Washington, D.C.
- 2014 Joyce, A.A., M. Levine, S.M. King, J. Hedgepeth, and **S.B. Barber**. Political Transformations and the Everyday in Postclassic Oaxaca. *Ancient Mesoamerica*. 25(3): 389-410.
- Graduate student co-author (Hedgepeth)

- 2014 Hepp, G.D., **S.B. Barber**, and A.A. Joyce. Communing with Nature, the Ancestors, and the Neighbors: Ancient Ceramic Musical Instruments from Coastal Oaxaca, Mexico. *World Archaeology* 46(3):380-399.
- Graduate student co-author (Hepp)
- 2012 D.A. White and **S.B. Barber**. Geospatial Modeling of Pedestrian Transportation Networks: A Case Study from Precolumbian Oaxaca, Mexico. *Journal of Archaeological Science*. 39:2684-2696.
- Included in Year in Review of archaeological research, *American Anthropologist*
- 2012 **Barber, S.B.** and M. Olvera. A Divine Wind: The Arts of Death and Music in Terminal Formative Coastal Oaxaca. *Ancient Mesoamerica*. 23(1):9-24.
- Mexican collaborator (Olvera)
- 2011 A.A. Joyce and **S.B. Barber**. Excavating the Acropolis at Río Viejo, Oaxaca, Mexico. *Mexicon*. 33(1):15-20
- 2009 **Barber, S.B.**, G. Sánchez, and M. Olvera. Sounds of Death and Life in Mesoamerica: The Bone Flutes of Ancient Oaxaca. *Yearbook for Traditional Music*. 41:94 – 110.
- Mexican collaborators (Sánchez, Olvera)
- 2009 A. Mayes, A. Melmed, **S.B. Barber**. Stigmata of Congenital Syphilis on a High Status Juvenile at Yugué, Oaxaca, Mexico. *Dental Anthropology*. 22(3):73 – 84.
- Graduate student collaborator (Melmed)
- 2008 A. Mayes and **S.B. Barber**. Osteobiography of a high status burial from the lower Río Verde Valley of Oaxaca, Mexico. *International Journal of Osteoarchaeology*. 18:573 – 588.

Refereed Book Chapters

- 2022 J.E. Brzezinski, **S.B. Barber**, A.A. Joyce. The Emergency of Complex Imagery on Late Terminal Formative Gray Ware Pottery from Coastal Oaxaca, Mexico. *Paths Toward Complexity in Formative Mesoamerica*. L.L. DeLance and G.M. Feinman, eds. University Press of Colorado. Pp. 86 – 116.
- Based on Brzezinski's UCF MA thesis
- 2022 J.E. Brzezinski, V. Monson, A.A. Joyce, and **S.B. Barber**. The Ceremonial Offerings of Cerro de la Virgen, Oaxaca: Identity, Politics, and Religious Practice at the End of the Formative. *Identities, Experience, and Change in Early Mexican Villages*. C. Santasilia, G. Hepp, R. Diehl, eds. University Press of Colorado. Pp. 258 – 289.
- Graduate student collaborator (Monson)
- 2022 Joyce, A.A., C. Frederick, and **S.B. Barber**. Arquitectura de tierra del periodo formativo terminal en el valle del bajo Río Verde, Oaxaca, México. In *Arquitectura Mesoamericana de Tierra. Vol. II*. A. Daneels y Marí Torras Freixa. Mexico City, Universidad Autónoma de México.

- 2020 **S.B. Barber**, A.I. Rivera Guzmán, and V.A. Menchaca. La Arqueología e Iconografía de la Cuenca de Manialtepec, costa de Oaxaca. In *Patrimonio Cultural de Oaxaca: Investigaciones Recientes*, J.O. Vázquez Herrera y P.Martínez Lira, eds. Oaxaca, Mexico. INAH.
- Includes data from Menchaca's UCF M.A. thesis
 - Mexican collaborator (Rivera Guzmán)
- 2020 Fyall, A., Leask, A, **S.B. Barber**. Marketing Archaeological Heritage for Tourism. In *Archaeology and Tourism*, D. Timothy and L.G. Tahan, eds. Channel View Publications. Pp. 69-86.
- 2018 **Barber, S.B.** Unsettled Gods: Religion and Politics in the Early Formative Soconusco. In *Religion and Politics in the Ancient Americas*, **S.B. Barber** and A.A. Joyce, eds. Pp. 98-117. Routledge.
- 2017 A. Mayes, **S.B. Barber**, and A. Joyce. Dental Modification as a Mirror for Social Constructs: a Test Case from Oaxaca, Mexico. In *World View of (Bio)Culturally Modified Teeth: Past and Present*, S.E. Burnett and J.D. Irish, eds. Pp. 285-297. University Press of Florida.
- 2016 A.A. Joyce and **S.B. Barber**. Alternative Pathways to Power in Formative Oaxaca. In *Alternate Pathways to Complexity: Households, Markets, World Systems, and Political Economy*, L. Fargher and V. Heredia, eds. University Press of Colorado. pp. 41-58.
- 2016 A.A. Joyce, **S.B. Barber**, J. Brzezinski, C. Lucido, and V. Salazar Chávez. Negotiating Political Authority and Community in Terminal Formative Coastal Oaxaca. In *Political Strategies in Pre-Columbian Mesoamerica*, S. Kurnick and J. Baron, eds. University Press of Colorado. pp. 61-96.
- Graduate student collaborators (Brzezinski, Lucido, Salazar Chávez)
 - Mexican collaborator (Salazar Chávez)
- 2015 A.A. Joyce and **S.B. Barber**. Religion and Political Innovation in Formative Mesoamerica. In *Religion and Innovation: Antagonists or Partners?*, D. Yerxa, ed. Bloomsbury, London. pp. 27-42.
- 2013 **S.B. Barber**. Defining Community and Status at Outlying Sites During the Terminal Formative Period. In *Polity and Ecology in Formative Period Coastal Oaxaca*, A.A. Joyce, ed. University Press of Colorado, Boulder, CO. pp. 165-192.
- 2013 **S.B. Barber**, A.A. Joyce, J. Aguilar, A. Mayes, and M. Butler. Cemeteries and Burials in the Formative Period. In *Polity and Ecology in Formative Period Coastal Oaxaca*, A.A. Joyce, ed. University Press of Colorado, Boulder, CO. pp. 97-133.
- Graduate student collaborators (Aguilar, Butler)
- 2013 A.A. Joyce, M.N. Levine, and **S.B. Barber**. Place-Making and Power in the Terminal Formative: Excavations on Río Viejo's Acropolis. In *Polity and Ecology in Formative Period Coastal Oaxaca*, A.A. Joyce, ed. University Press of Colorado, Boulder, CO. pp. 135-163.

- 2012 **S.B. Barber** and G.D. Hepp. Ancient Aerophones of Coastal Oaxaca, Mexico: The Archaeological and Social Context of Music. In *The Proceedings of the 7th International Study Group on Music Archaeology*, R. Eichmann, F. Jianjun, and L-C. Koch, eds. In *Studien zur Musikarchäologie*. German Institute of Archaeology, Berlin, Germany. pp 259 – 270.
- Graduate student collaborator
- 2011 **S.B. Barber**. Complejidad política de la perspectiva local: Comunidades durante el período Preclásico Terminal en el bajo Río Verde. In *Memorias de la Vª Mesa Redonda de Monte Albán*, N.M. Robles García and A.I. Rivera Guzmán, ed. Centro INAH-Oaxaca, Oaxaca, Mexico. pp. 375 – 390.
- 2007 **S.B. Barber** and A.A. Joyce. Polity Produced and Community Consumed: Negotiating Complexity in the Lower Rio Verde Valley, Oaxaca. In *Mesoamerican Ritual Economy*, E.C. Wells and K.D. Davis-Salazar, eds. University Press of Colorado, Boulder, Colorado. pp. 221 – 244.
- 2006 **S.B. Barber** and A.A. Joyce. When is a House a Palace? Elite Residences in the Valley of Oaxaca. In *Palaces in the Ancient Americas: the Context of Political Power*, J. Christie and P. Sarro, eds. University of Texas Press, Austin, TX. pp. 211 – 255.
- 2002 C. B. Lara and **S. B. Barber**. The Modern Community of Joya de Cerén. In *Before the Volcano Erupted*, Payson D. Sheets, ed. University of Texas Press, Austin, TX. pp. 193 – 196.
- El Salvadoran collaborator

Published Reviews

- 2007 **S.B. Barber**. Review of *Intermediate Elites in Pre-Columbian States and Empires*, C. Elson and R.A. Covey, eds. *Journal of Anthropological Research*. 63(2):286-287.

Non-Refereed Articles

- 2023 Tyler, E. and **S.B. Barber**. Reaching for the Stars: Cape Canaveral Archaeological Mitigation Project Provides Training for Archaeology Students on the Space Coast.
- Graduate student co-author (Tyler)
- 2023 Joyce, A.A. and **S.B. Barber**. Religión e Innovación Política en la Antigua Mesoamérica. *Perspectivas Sobre las Sociedades Estatales Antiguas: Orígenes y dinámicas sociales*. M. Campagno, F.A. Acuto, and A.Gayubas, eds. Mino y Dávila. Pp. 167 – 194.
- 2017 Joyce, A.A. and **S.B. Barber**. Proyecto Río Verde: Costa de Oaxaca. *Arqueología Mexicana* XXV(147):46-51.
- 2012 **S.B. Barber**. You Want to go *Where* for Six Months? Work-Life Balance and International Field Research. *Archaeological Record*. 12(5):27-28.
- 2006 **S.B. Barber** and B. Bowser. A Preliminary Typology for a Ceramic Assemblage from Amazonian Ecuador. *La Tinaja: A Newsletter of Archaeological Ceramics*. 17(1-2): 11 – 19.

Technical Reports

- 2025 S. Savateri, G. Bonnett, and **S.B. Barber**. Cape Canaveral Archaeological Mitigation Project Provisional Report on Project Activities at the Quarterman Site (8BR223). 76pp.
- Graduate student lead and co-authors
 - *Peer-reviewed* by archaeologists at both Cape Canaveral Space Force Station and Argonne National Laboratory.
- 2025 **S.B. Barber** (ed.). Archaeological and Historical Investigation of the Burns Site (8BR85). Final Report submitted to Argonne National Laboratory, LLC. Chicago, IL. 650pp.
- *Peer-reviewed* by archaeologists at both Cape Canaveral Space Force Station and Argonne National Laboratory.
 - Graduate and undergraduate student authors on individual chapters.
- 2024 E. Tyler, **S.B. Barber** (eds.). Cape Canaveral Archaeological Mitigation Project: Final Report on Project Activities at the NOTU Site (8BR1641) and GENESYS Complex (8BR3532). Final Report submitted to Argonne National Laboratory, LLC. Chicago, IL. 168pp.
- Graduate student lead editor
 - Undergraduate student contributors
 - *Peer-reviewed* by archaeologists at both Cape Canaveral Space Force Station and Argonne National Laboratory.
- 2022 S. Savateri, **S.B. Barber**, C. Mills. Cape Canaveral Archaeological Mitigation Project: Provisional Report of LiDAR and STP Visualization at the Hotel Site (8BR240). Final Report submitted to Argonne National Laboratory, LLC. Chicago, IL.
- Graduate student co-authors
 - *Peer-reviewed* by archaeologists at both Cape Canaveral Space Force Station and Argonne National Laboratory.
- 2021 A.A. Joyce y **S.B. Barber** (eds.). El Proyecto Río Verde: Informe Técnico de la Temporada de 2019. Informe final entregado al Consejo de Arqueología y el Centro INAH Oaxaca del Instituto Nacional de Antropología e Historia. Mexico City, Mexico.
- 2020 **S.B. Barber**. El Proyecto Arqueológico Laguna de Manialtepec: Informe Técnico de la Temporada de 2015. Report submitted to the Instituto Nacional de Antropología e Historia. Mexico City, Mexico.
- 2019 **S.B. Barber**. Preliminary Report: Cape Canaveral Archaeological Mitigation Project. Interim report of Phase II excavations and laboratory analyses submitted to Argonne National Laboratory LLC. Chicago, IL.
- 2018 Penders, T.E., **S.B. Barber**, A.M. Kulenguski, V. Priola, J. Snowden. Archaeological and Historical Investigations at the Old Lighthouse Site (8BR234), Cape Canaveral Air Force Station, Brevard County, Florida. Report submitted to the State Historic Preservation Office. Tallahassee, FL. (revised 2023).
- Undergraduate student co-authors

- 2015 **S.B. Barber.** El Proyecto Arqueológico Laguna de Manialtepec: Informe Técnico de la Temporada de 2013. Report submitted to the Instituto Nacional de Antropología e Historia. Mexico City, Mexico.
- 2015 A.A. Joyce and **S.B. Barber** (eds.). El Proyecto Río Verde: Informe Técnico de la Temporada de 2013. Report submitted to the Instituto Nacional de Antropología e Historia. Mexico City, Mexico.
- 2012 **S.B. Barber** and A.A. Joyce (eds.). El Proyecto Río Verde: Informe Técnico de la Temporada de 2012. Report submitted to the Instituto Nacional de Antropología e Historia. Mexico City, Mexico.
- 2011 **S.B. Barber** and A.A. Joyce. Proyecto Río Verde 2009: Informe Técnico de la Temporada de 2009. Report submitted to the Instituto Nacional de Antropología e Historia. Mexico City, Mexico.
- 2009 **S.B. Barber.** Estudio Geofísico del Río Verde Inferior: Informe Final. Final report submitted to the Instituto Nacional de Antropología e Historia. Report submitted to the Instituto Nacional de Antropología e Historia. Mexico City, Mexico.
- 2009 **S.B. Barber.** Excavaciones de Prueba en el valle inferior del Río Verde. In *El Proyecto Río Verde*, A.A. Joyce and M.N. Levine, eds. Report submitted to the Instituto Nacional de Antropología e Historia. Mexico City, Mexico.
- 2008 **S.B. Barber.** *El Proyecto Río Verde 2003: Informe Final*. Report submitted to the Instituto Nacional de Antropología e Historia. Mexico City, Mexico.
- 2004 **S.B. Barber.** Proyecto Río Verde 2003: Report on the Excavations at Yugüe. Final report submitted to the Foundation for the Advancement of Mesoamerican Studies, Inc. (FAMSI). <http://www.famsi.org/reports/02060/index.html>.
- 1999 **S.B. Barber.** Flaked Lithic Artifacts. In *The Dolores Archaeological Project Database User's Guide*, Richard Wilshusen, ed. Anasazi Heritage Center, U.S. Bureau of Land Management, Dolores, CO. <http://www.co.blm.gov/ahc/colprojects.htm>.

Unpublished Administrative White Papers

- 2016 **S.B. Barber**, T. Dupras, L. Williams, B.M. Reyes-Foster, T. Matejowsky. Request to Offer a New Degree Program: PhD. in Integrative Anthropological Sciences. White paper submitted to the University of Central Florida's Board of Trustees.
- Approved November 2017 by Florida Board of Governors.

SCHOLARLY PRESENTATIONS

Invited Conference Presentations—National/International Conferences

- 2024 M. Efford, J. Morin, S. Taft, A. Reid, M. George, M. George, **S.B. Barber**, M. Shaffer, K.A. Lewis, C. Speller, V. Christensen. Archaeological Investigations and Ecological Modelling into Pre-Contact (1792 CE) Tsleil-Waututh Stewardship of Burrard Inlet, BC, Canada. Ecopath40 Conference. Ostend, Belgium.
- 2024 M. Shaffer, M. Efford, **S.B. Barber**, V. Christensen, K.A. Lewis. Beyond Shifting Baselines: Integrating Zooarchaeology into Coastal Ecosystem Modelling of the Indian River Lagoon, USA. Ecopath40 Conference. Ostend, Belgium.
- Graduate student co-authors (Shaffer [UCF], Efford)
- 2024 **S.B. Barber**, A.A. Joyce, E. Stebbins. Building and Breaking Primordial Space at the Río Viejo Acropolis. 89th Annual Meeting of the Society for American Archaeology. New Orleans, LA. Invited paper.
- Former graduate student co-author (Stebbins)
- 2023 **S.B. Barber**, M. Shaffer, K. Lewis. Mapping the Roots of Mangrove-Human Ecology: Long-Term Perspectives on Lagoon Ecosystem Health. Annual Meeting of the American Anthropological Association. Toronto, ON. Invited paper.
- 2023 **S.B. Barber**. Invited Discussant. Checking the Pulse: Current Research in Oaxaca Part II. 88th Annual Meeting of the Society for American Archaeology. Portland, OR. Attended virtually.
- 2023 A.T. Mayes, A.A. Joyce, and **S.B. Barber**. Occupational Stress on Oaxaca's Pacific Coast: Bioarchaeological Evidence for Specialized Task Activity at Río Viejo. 88th Annual Meeting of the Society for American Archaeology. Portland, OR. Invited paper.
- 2022 **S.B. Barber** and A.A. Joyce. Feeding the Polity: Governance, Feasting, and Ritual Space at Terminal-Formative Río Viejo. 87th Annual Meeting of the Society for American Archaeology. Chicago, IL. Invited paper.
- 2021 **S.B. Barber**. Invited Discussant. A Construir Puentes/Building Bridges: Diálogos en Oaxaca Archaeology a través de las Fronteras. 86th Annual Meeting of the Society for American Archaeology. Virtual
- 2021 P. Jacques, **S.B. Barber**, M. Donnelly, J. Donoghue, N. Duncan, K. Kibler, K. Lewis, J.D. Rumberger, M. Shaffer, K.F. Emory, N. Cannarozzi. Estimations of Colonial Impact on a Critical Estuary: A Historical Political Economy of the Indian River Lagoon. International Association for the Study of Commons: Fisheries and Aquaculture Commons, March 9-11 (virtual).
- 2019 **S.B. Barber**, A.A. Joyce, P. Cunningham-Smith, S. Morrell-Hart. Coastal Cuisine and Public Places in the Formative-period Lower Río Verde Valley. Paper presented at the 84th Annual Meeting of the Society for American Archaeology. Albuquerque, NM.
- Graduate student collaborator (Cunningham-Smith)

- 2018 A.A. Joyce, C. Frederick, and **S.B. Barber**. Arquitectura de tierra del period Formativo terminal en el valle del bajo Río Verde, Oaxaca, Mexico. Paper presented at the 56th International Congress of Americanists. Salamanca, Spain.
- 2018 **S.B. Barber**. Invited discussant. Forum on Settlement, Resource Distribution, and Subsistence in Coastal Mesoamerica: Interregional Comparisons. 83rd Annual Meeting of the Society for American Archaeology. Washington, D.C.
- 2017 **S.B. Barber**, A.A. Joyce, J. Rumberger, A.T. Mayes, S.M. King, M. Butler, T. Dupras, L. Williams. Dieta, Migración, y Cambios Sociales en la Zona Costera de Oaxaca del Periodo Preclásico Terminal al Periodo Posclásico Temprano. Paper presented at the XIX Coloquio Internacional de Antropología Física “Juan Comas.” Morelia, Michoacán, Mexico.
- Graduate student collaborators (Rumberger, Butler)
- 2016 A.T. Mayes, **S.B. Barber**, A.A. Joyce. Occupational Stress on Oaxaca’s Pacific Coast: A Bioarchaeological Analysis of the Rio Viejo Weaver; *American Association of Physical Anthropology (abstract)*.
- 2016 **S.B. Barber** and A.I. Rivera Guzmán. La Arqueología e Iconografía de la Cuenca de Manialtepec, costa de Oaxaca. Paper presented at the 1^{er} Encuentro de Patrimonio Cultural de Oaxaca. Oaxaca City, Mexico.
- Mexican collaborator (Rivera Guzmán)
- 2016 A.T. Mayes, **S.B. Barber**, and A.A. Joyce. Estrés Ocupacional de la Costa Pacífica de Oaxaca: Evidencia Arqueológica de la Tejedería en Río Viejo. Paper presented at the 1^{er} Encuentro de Patrimonio Cultural de Oaxaca. Oaxaca City, Mexico.
- 2013 **S.B. Barber** and A.A. Joyce. Religion and Political Innovation in Formative Mesoamerica. Paper presented at the 112th Annual Meeting of the American Anthropological Association. Chicago, IL.
- 2013 A.A. Joyce and **S.B. Barber**. A Relational Approach to Religion and Politics in Americanist Archaeology. Paper presented at the 112th Annual Meeting of the American Anthropological Association. Chicago, IL.
- 2011 **S.B. Barber** and D.A. White. Modelando Rutas Terrestres de Intercambio en Oaxaca Antiguo. Paper presented at the VI^a Mesa Redonda de Monte Albán. Oaxaca, Mexico.
- 2010 **S.B. Barber** and G.D. Hepp. Ancient Aerophones of Coastal Oaxaca, Mexico: The Archaeological and Social Context of Music. 7th Symposium of the International Study Group on Music Archaeology. Tianjin, China.
- Graduate student collaborator (Hepp)
- 2010 A.A. Joyce, **S.B. Barber**, and M.N. Levine. Técnicas constructivas de barro en la acrópolis de Río Viejo, Oaxaca. Paper presented at the Mesa Redonda de la Sociedad de Mesoamérica Antigua. Puebla, Mexico.

- 2009 **S.B. Barber.** Complejidad política de la perspectiva de sitios más allá del centro político: Identidades comunitarias durante el periodo Preclásico Terminal en el bajo Río Verde. Paper presented at the V Mesa Redonda de Monte Albán. Oaxaca City, Mexico.
- 2007 **S.B. Barber.** A Divine Wind: The Arts of Death and Music in Terminal Formative Coastal Oaxaca. Paper presented at the 18th Annual Mixtec Gateway. Las Vegas, NV.
- 2006 **S.B. Barber.** Community, Status, and Polity: Terminal Formative Political Centralization in the *Costa Chica* of Oaxaca. Paper presented at the 17th Annual Mixtec Gateway. Las Vegas.
- 2004 **S.B. Barber** and A. A. Joyce. Introducción a la cerámica del valle inferior del río Verde: Ejemplos de los periodos Formativo Mediano al Posclásico Tardío. Paper presented at the Taller de Cerámica de la Cuarta Mesa Redonda de Monte Albán. Oaxaca, Mexico.
- 2004 **S.B. Barber.** Complejidad social en la costa de Oaxaca durante el periodo Formativo Terminal. Poster presented at the Cuarta Mesa Redonda de Monte Albán. Oaxaca, Mexico.
- 2004 **S.B. Barber.** Of Kings and Commoners: Social Organization in the Mixteca de la Costa. Paper presented at the 15th Annual Mixtec Gateway. Las Vegas, NV.
- 2001 K.B. Larkin, **S.B. Barber**, and C.G. Ward. Power and Archaeology: An Introduction. Paper presented at the 100th Annual Meetings of the American Anthropological Association. Washington, D.C.

Contributed Conference Presentations—National/International Conferences

- 2024 Shaffer, M., **S.B. Barber**, M. Efford, K.A. Lewis Addressing Shifting Baseline Syndrome Using Zooarchaeological Data in a Novel Interdisciplinary Framework. World Fisheries Congress, 3-7 March 2024
- UCF PhD student (Biology) co-author (Shaffer)
 - Student co-author (Efford)
- 2023 M. Shaffer, K. Lewis, and **S.B. Barber.** Evaluating ecological community structure from deep time to present-day in the Indian River Lagoon, Florida. Paper submitted to the 27th Biennial Conference of the Coastal and Estuarine Research Federation (CERF). Portland, OR.
- 2018 J. Rumberger, A. Joyce, **S.B. Barber**, S.M. King, G.D. Hepp, and M. Butler. Comparing Isotopic Data for Diet and Mobility of Males and Females in the Lower Rio Verde Valley, Oaxaca, Mexico. Poster presented at the 83rd Annual Meeting of the Society for American Archaeology. Washington, D.C.
- Graduate student collaborator (Rumberger)
- 2018 R. Wedemeyer, A. Joyce, J. Brzezinski, and **S.B. Barber.** Fragments of Identity: A Comparative Study of Terminal Formative Figurines from Coastal Oaxaca, MX. Poster

- presented at the 83rd Annual Meeting of the Society for American Archaeology. Washington, D.C.
- Graduate student collaborators (Wedemeyer, Brzezinski)
- 2017 **S.B. Barber**, G.D. Hepp, J. Brzezinski, and A.A. Joyce. The Symbolism, Use, and Archaeological Context of Masks in Formative Period Coastal Oaxaca, Mexico. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology. Vancouver, B.C., Canada.
- Graduate student collaborator (Brzezinski)
- 2017 E. Peabody and **S.B. Barber**. A Contextual and Iconographic Analysis of Precolumbian Stamps from the Lower Rio Verde Valley. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology. Vancouver, B.C., Canada.
- UCF MA student collaborator
- 2017 J. Rumberger, **S.B. Barber**, A.A. Joyce, T. Dupras, and S. King. Diet and Migration in Coastal Oaxaca: Identifying Effects of Political and Social Collapse through the Utilization of Stable Isotope Analysis. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology. Vancouver, B.C., Canada.
- UCF MA student collaborator
- 2017 A.A. Joyce, **S.B. Barber**, G.D. Hepp, P. Sandberg, and M. Butler. Landscape and Dietary Change in Formative Period Coastal Oaxaca. Paper presented at the 82nd Annual Meeting of the Society for American Archaeology. Vancouver, B.C., Canada.
- Graduate student collaborator (Butler)
- 2017 A.T. Mayes, A.A. Joyce, **S.B. Barber**. Trauma, Stress, and Sociopolitical Change in the Lower Río Verde, Oaxaca, Mexico. Podium presentation at the 86th Annual Meeting of the American Association of Physical Anthropologists. New Orleans, LA.
- 2017 A.J. Young, A.T. Mayes, J. Brzezinski, A.A. Joyce and **S.B. Barber**. A comparative bioarchaeological analysis of two Formative Period Communities from the lower Río Verde, Oaxaca, Mexico. Poster presented at the 86th Annual Meeting of the American Association of Physical Anthropologists. New Orleans, LA.
- Graduate student collaborators (Young, Brzezinski)
- 2017 A.J. Young, A.T. Mayes, J. Brzezinski, A.A. Joyce and **S.B. Barber**. Examining Two Formative Period Sites from the Lower Río Verde, Oaxaca, Mexico: Burials from a Centralized Polity and a Hinterland Community. Poster presented at the Southwestern Association of Biological Anthropologists. San Diego, CA.
- Graduate student collaborators (Young, Brzezinski)
- 2016 **S.B. Barber** and A.A. Joyce. A Ruin in the Making: The Many Shades of Refuse at Río Viejo's Acropolis. Paper presented at the 9th Annual North American Meeting of the Theoretical Archaeology Group. Boulder, CO.

- 2016 A.A. Joyce and **S.B. Barber**. Re-Ensouling the Ruined in Late Classic Coastal Oaxaca, Mexico. Paper presented at the 9th Annual North American Meeting of the Theoretical Archaeology Group. Boulder, CO.
- 2016 **S.B. Barber** and A.A. Joyce. Gathered for the Feast: Community and Polity Ceremony in the Lower Río Verde Valley. Paper presented at the 81st Annual Meeting of the Society for American Archaeology. Orlando, FL.
- 2016 A.A. Joyce, **S.B. Barber**, J. Brzezinski. Earth Offerings as Sacrifice in Formative Period Coastal Oaxaca. Paper presented at the 81st Annual Meeting of the Society for American Archaeology. Orlando, FL.
- Graduate student collaborator (Brzezinski)
- 2015 **S.B. Barber**, A.Mayes, and A.A. Joyce. The Río Viejo Weaver. Paper presented at the 80th Annual Meeting of the Society for American Archaeology. San Francisco, CA.
- 2015 A.Mayes, **S.B. Barber**, and A.A. Joyce. Dental Modification in the Lower Río Verde Valley From the Formative to Late Classic Periods. Paper presented at the 80th Annual Meeting of the Society for American Archaeology. San Francisco, CA.
- 2015 J. Brzezinski, A. Joyce, and **S.B. Barber**. Embedded Rituals: Examining Caching Practices in Public Buildings at Cerro de la Virgen, Oaxaca, Mexico. Poster presented at the 80th Annual Meeting of the Society for American Archaeology. San Francisco, CA.
- Graduate student collaborator (Brzezinski)
- 2014 **S.B. Barber**. Peripheries and Crossroads: Shifting Boundaries and Identities on the Mar del Sur. Paper presented at the 79th Annual Meeting of the Society for American Archaeology. Austin, TX.
- 2014 V. Menchaca and **S.B. Barber**. Ballcourts, Ceremonial Center, and Trade Routes in the Maniatepec Basin of Oaxaca's Central Coast. Paper presented at the 79th Annual Meeting of the Society for American Archaeology. Austin, TX.
- UCF MA student collaborator
- 2014 J. Brzezinski, A. Joyce, and **S.B. Barber**. The Construction and Use of Public Space at Cerro de la Virgen, Oaxaca, Mexico. Paper presented at the 79th Annual Meeting of the Society for American Archaeology. Austin, TX.
- Graduate student collaborator (Brzezinski)
- 2014 J. Hedgepeth Balkin, A. Joyce, M. Goman and **S.B. Barber**. In the Wake of Lord 8 Deer: Postclassic Settlement Changes in the Lower Río Verde Valley of Coastal Oaxaca. Paper presented at the 79th Annual Meeting of the Society for American Archaeology. Austin, TX.
- Graduate student collaborator (Hedgepeth Balkin)
- 2013 **S.B. Barber** and A. Joyce. Recent Excavations at the Río Viejo Acropolis, Oaxaca, Mexico. Paper presented at the 78th Annual Meeting of the Society for American Archaeology. Honolulu, HI.

- 2013 A. Joyce and **S.B. Barber**. Alternative Pathways to Power in Formative Oaxaca. Paper presented at the 78th Annual Meeting of the Society for American Archaeology. Honolulu, HI.
- 2013 J. Brzezinski, A. Joyce, **S.B. Barber**, and C. Lucido. Political Centralization and Ceramic Iconography in the Lower Rio Verde Valley.. Paper presented at the 78th Annual Meeting of the Society for American Archaeology. Honolulu, HI.
- Graduate student collaborator (Brzezinski)
 - UCF MA student collaborator (Lucido)
- 2013 C. Lucido, **S.B. Barber**, A. Joyce. Pottery, Feasting, and Urbanism in the Lower Rio Verde Valley, Oaxaca. Paper presented at the 78th Annual Meeting of the Society for American Archaeology. Honolulu, HI.
- UCF MA student collaborator (Lucido)
- 2012 **S.B. Barber** and A. Joyce. Negotiating Political Centralization in Terminal Formative Coastal Oaxaca. Paper presented at the 77th Annual Meeting of the Society for American Archaeology. Memphis, TN.
- 2011 D. White and **S.B. Barber**. Massively Parallelized Pathfinding in Archaeological Research. Vizualize Conference. Washington, D.C.
- 2011 **S.B. Barber**, D. White, and A. Matos. Modeling Coastal Exchange in Precolumbian Oaxaca. Paper presented at the 76th Annual Meeting of the Society for American Archaeology. Sacramento, CA.
- UCF undergraduate student collaborator (Matos)
- 2010 A.A. Joyce, **S.B. Barber**, and H. Baille. Recent Excavations on the Acropolis of Río Viejo, Oaxaca. Paper presented at the 75th Annual Meeting of the Society for American Archaeology. St. Louis, MO.
- Graduate student collaborator (Baille)
- 2009 **S.B. Barber** and A.A. Joyce. Where is the Center? Negotiating Power and Authority in the Preclassic Period on Oaxaca's Pacific Coast. Paper presented at the 53rd International Conference of Americanists, Mexico City, Mexico.
- 2008 **S.B. Barber** and A.A. Joyce. The State of the State: Power, Authority, and the Negotiation of Mesoamerican Polities. Paper presented at the 41st Annual Chacmool Conference. Calgary, Alberta, Canada.
- 2008 **S.B. Barber**, A. Workinger, and A.A. Joyce. Who owns whom? Inalienable Possessions and Community Identities in the Lower Rio Verde Valley, Oaxaca. Paper presented at the 73rd Annual Meeting of the Society for American Archaeology. Vancouver, Canada.

- 2007 **S.B. Barber** and A.A. Joyce. Caught Between Community and Polity: the Formative-to-Classic Transition in Pacific Coastal Oaxaca. Paper presented at the 72nd Annual Meeting of the Society for American Archaeology. Austin, TX.
- 2006 **S.B. Barber** and K.B. Larkin. Memory, Tradition, and Social Change: An Introduction. Paper presented at the 71st Annual Meeting of the Society for American Archaeology. San Juan, Puerto Rico.
- 2006 **S. B. Barber** and A.A. Joyce. First Among Equals? Elite Status Groups in Terminal Formative Coastal Oaxaca. Paper presented at the 69th Annual Meetings of the Society for American Archaeology. Montreal, Quebec.
- 2003 **S.B. Barber** and A.A. Joyce. Landscapes of Power, Landscapes of Decline: The Practice of Place. Paper presented at the 103rd Annual Meetings of the American Anthropological Association. Chicago, IL.
- 2002 **S.B. Barber** and A.A. Joyce. Interaction Between the Lower Rio Verde Valley and the Valley of Mexico. Paper presented at the 67th Annual Meetings of the Society for American Archaeology. Denver, CO.
- 2001 **S.B. Barber**. Consumers and States: Flaked Lithic Artifacts and Household Decision-Making. Paper presented at the 66th Annual Meetings of the Society for American Archaeology. New Orleans, LA.
- 1999 **S.B. Barber** and K. Holmberg. **Cerén and the Great Outdoors**. Paper presented at the 64th Annual Meetings of the Society for American Archaeology. Chicago, IL.

Regional Conferences

- 2024 Shaffer, M., **S.B. Barber**, M. Efford, K.A. Lewis. Evaluating ecological community structure over long time scales in the Northern Indian River Lagoon, FL. USA. Indian River Lagoon Symposium – 2024, 22-23 Feb.
- Winner Outstanding Student Presentation
 - UCF PhD student (Biology) co-author (Shaffer)
 - Student co-author (Efford)
- 2023 **S.B. Barber**, N.A. Duncan, T. Penders, A. Groff, E. Zavodny. The Burns Site: Results of Recent Research at 8BR85 on Cape Canaveral Space Force Station. 79th Annual Meeting of the Southeastern Archaeological Conference. Chattanooga, TN.
- 2023 Boal, Z. C. Hadden, **S.B. Barber**, and E. Zavodny. Reconstructing Seasonality at the Burns Mound Site (8BR85), Cape Canaveral, Florida Using Oxygen Isotopes from *Donax variabilis*. 79th Annual Meeting of the Southeastern Archaeological Conference. Chattanooga, TN.
- UCF MA student co-author (Boal)

- 2023 N.A. Duncan, **S.B. Barber**, T. Penders, A. Groff, E. Zavodny, S. Wheeler. Archaeology in Time and Space: Teaching and Learning Archaeology at Cape Canaveral Space Force Station. 79th Annual Meeting of the Southeastern Archaeological Conference. Chattanooga, TN.
- 2023 Shaffer, M. **S.B. Barber**, and K. Lewis. Using Zooarchaeology to Evaluate Ecological Community Structure from Deep Time to Present-Day in the Indian River Lagoon, Florida. 79th Annual Meeting of the Southeastern Archaeological Conference. Chattanooga, TN.
- UCF PhD student co-author (Shaffer)
- 2023 N.A. Duncan, **S.B. Barber**, T. Penders, S. Wheeler, A. Groff, E. Zavodny. Cape Canaveral Archaeology: Experiential Learning and Collaboration in Cultural Resource Management. Poster presented at the 75th Annual Meeting of the Florida Anthropological Society. St. Augustine, FL.
- 2022 S. Savateri, **S.B. Barber**, C. Mills, T. Penders. Artifact Density Mapping at the Canaveral Harbor Hotel, Cape Canaveral, Florida. Poster presented at the 74th Annual Meeting of the Florida Anthropological Society. Miami, FL.
- UCF MA student collaborators (Savateri, Mills—current & former students)
- 2021 **S.B. Barber**, J. Rumberger, T. Penders, N. Duncan, K. Emery, N. Cannarozzi, A. Ott. Recent Research at the Burns Site. Paper presented at the 73rd Annual Meeting of the Florida Anthropological Society. Virtual
- Graduate student collaborators (Rumberger, Ott—UCF PhD student)
- 2021 J. Rumberger, **S.B. Barber**, J. Donoghue, P. Jacques, S. McKeon, K. Lewis, M. Donnelly, K. Kibler, N. Duncan, K.F. Emery, N. Cannarozzi. Multi-Disciplinary Research During the Pandemic: Reconstructing Human-Environment Interactions and Ecosystem Condition of the Indian River Lagoon over Deep-Time. Indian River Lagoon Symposium. Virtual.
- Graduate student collaborator (Rumberger)
- 2021 A. Hernandez, C. Hagglund, K. Kibler, D. Cannon, **S.B. Barber**. Developing a 3D Hydrodynamic Model for Mosquito Lagoon: Using a Present-Day Model to Investigate Future and Deep-Time Changes in Hydrodynamics. Indian River Lagoon Symposium. Virtual.
- Awarded People's Choice Award for 3-Slide Presentation
 - UCF undergraduate collaborator (Hernandez)
- 2020 S.A. Miller, A.T. Mayes, A.A. Joyce, **S.B. Barber**. Osteological Analysis of Burial 111, Río Viejo, Oaxaca, Mexico. Paper presented at the San Diego State University Student Research Symposium. San Diego, CA.
- Graduate student collaborator (Miller)
- 2018 A.J. Young, A.T. Mayes, A.A. Joyce, **S.B. Barber**, S.M. King. From Macro to Micro: Applying histology to a bioarchaeological sample with the aim of estimating age at death.

Paper presented at the 5th Annual Conference of the Southwestern Association of Biological Anthropologists. Las Vegas, NV.

- Graduate student collaborator (Young)

- 2017 A.A. Joyce, M. Goman, A. Borejsza, R. Mueller, **S.B. Barber**, G.D. Hepp, and M. Sponheimer. Formative-Period Human Ecology of the Río Verde Drainage Basin, Oaxaca, Mexico. Paper presented at the 3rd Annual Rocky Mountain Pre-Columbian Association Colloquium. Denver, CO.
- 2017 A.J. Young, A.T. Mayes, J. Brzezinski, A.A. Joyce, **S.B. Barber**. Examining two Formative Period Communities from the lower Río Verde, Oaxaca, Mexico: Burials from a centralized polity and a hinterland community. Poster presented at the 4th Annual Meeting of the Southwestern Association of Biological Anthropologists. Tucson, AZ.
- Graduate student collaborators (Young, Brzezinski)
- 2017 A. Kulenguski, T. Penders, and **S.B. Barber**. Impacts to the Old Lighthouse Site 8BR234. 69th Annual Meeting of the Florida Anthropological Society. Jacksonville, FL.
- UCF undergraduate collaborator (Kulenguski)
- 2016 E.G. Chance Campbell and **S.B. Barber**. Against the Flow: A Post-Bellum Watermill in Central Florida. Poster presented at the 73rd Annual Meeting of the Southeastern Archaeological Society. Athens, GA.
- UCF MA student collaborator
- 2016 A.A. Joyce and **S.B. Barber**. Examining Ontological Variability in Ancient Oaxaca, Mexico. Paper presented at the 2nd Annual Rocky Mountain Pre-Columbian Association Colloquium. Denver, CO.
- 2015 A.A. Joyce and **S.B. Barber**. Re-ensouling the Ruined in Late Classic Coastal Oaxaca, Mexico. Paper presented at the 1st Annual Rocky Mountain Pre-Columbian Association Research Colloquium, Denver, CO.

Academic Sessions Organized

- 2019 Co-organizer (Lead Organizer, Karin Larkin): “Looking to the Future of Training Archaeologists: Aligning Curricula with Workforce Needs.” 84th Annual Meeting of the Society for American Archaeology. Albuquerque, NM.
- 2017 Co-organizer (Lead Organizer, Arthur Joyce): “In the Land of the Sky: Recent Interdisciplinary Archaeological Research in the Lower Río Verde, Oaxaca.” 82nd Annual Meeting of the Society for American Archaeology. Vancouver, Canada.
- 2016 Ruins, Rubbish, Recycling and Wrecks: Theorizing Things Left Behind. 9th Annual North American Meeting of the Theoretical Archaeology Group. Boulder, CO.
- 2013 Lead Organizer (Co-organizer, Arthur Joyce): “Religion and Political Innovation in the Americas.” 112th Annual meeting of the American Anthropological Association. Chicago, IL.

- 2011 Lead Organizer (Co-organizer, Caryn Berg): “A Life in Ruins: Work-Life Balance in Archaeology.” COSWA-sponsored forum. 76th Annual Meeting of the Society for American Archaeology. Sacramento, CA.

RESEARCH EXPERIENCE

Principal Investigator

- 2017 – present Cape Canaveral Archaeological Mitigation Project, Cape Canaveral Air Force Station. Survey and Phase I/II excavations at historic and prehispanic sites, Cape Canaveral.
- Role: **PI** (UCF side)
 - Permit holder and PI: Thomas Penders (Space Force side)
 - Co-PIs: Neil Duncan, Amanda Groff, Sandra Wheeler, and Emily Zavodny.
 - Active Funding: Argonne National Laboratories
- 2013 – present Proyecto Arqueológico Maniáltepec, Oaxaca, Mexico. Survey of 40 km² of two river valleys and excavation at five archaeological sites.
- Role: **PI** and **permit holder**
 - Collaborators: Melinda Donelly (Assistant Research Scientist, Biology [Botany], UCF), Joseph Donoghue (Associate Professor, Physics [Geology], UCF), Neil Duncan (Assistant Professor, Anthropology [Paleoethnobotany], UCF), David Hoffman (Associate Professor, Anthropology and Sociology [Cultural Anthropology], Mississippi State University), Peter Jaques (Professor, Political Science, UCF), Kelly Kibler (Assistant Professor, Civil Engineering [Hydrology], UCF), Kristy Lewis (Assistant Professor, Biology, UCF), José Alberto Montoya Márquez (Profesor-Investigador, Instituto de Recursos [Ecology], Universidad del Mar), Elia Ramírez Arriaga (Investigador Titular A, Instituto de Geología [Palynology]; Universidad Nacional Autónoma de México), Esperanza Torres Rodríguez (Técnico Asociado C, Instituto de Geología [Paleoclimatology]; Universidad Nacional Autónoma de México), Margarita Caballero Miranda (Investigador Titular C, Instituto de Geofísica [Paleoclimatology]; Universidad Nacional Autónoma de México)
- 2009 – present Proyecto Río Verde, Oaxaca, Mexico. Excavation at six archaeological sites, survey of 60km² of river valley.
- Role: **PI** and (alternating) **permit holder**
 - Co-director and PI: Arthur Joyce
- 2016 – 2017 Partin Watermill Project. Oversaw graduate student excavations at the 19th-century Partin watermill. Seminole County, Florida.
- Role: **PI** and **permit holder**
 - Florida Bureau of Archaeological Research Permit Number: 1617.001.
- 2010 – 2014 Cape Canaveral Cemetery GPR Project. Oversaw graduate student acquisition of GPR data from 4 cemeteries on Cape Canaveral Air Force Station. Florida.
- Role: **PI**

- 2008 Río Verde Geophysical Study, Oaxaca, Mexico. Ground-penetrating radar survey at four archaeological sites.
- Role: **PI** and **permit holder**
- 2003 – 2005 Proyecto Río Verde, Oaxaca, Mexico. Excavation of two Terminal Formative Period sites in the lower Río Verde valley.
- Role: **co-PI** and **permit holder**
 - Dissertation project
- 1998 Cerén Ethnoarchaeological Project, Cerén, El Salvador. Ethnoarchaeological study of modern domestic storage. Advisor: Dr. Payson D. Sheets.
- Role: **co-PI**
 - MA thesis project

Collaborator, Assistant

- 2023 – present Governance and Sustainability in Ancient Society. Collaborative research aggregating data on complex societies worldwide. Project Director: Gary Feinman, Field Museum of Chicago.
- 2010 Collaborator, Río Verde Bioarchaeological Study, Oaxaca, Mexico. A study of skeletal collections from the lower Río Verde Valley. Project Director: Dr. Arion Mayes, San Diego State University.
- 2005 – 2006 Collaborator, Río Verde Skeletal Study, Oaxaca, Mexico. A study of skeletal collections from the lower Río Verde Valley. Project Director: Dr. Arion Mayes, San Diego State University.
- 2002 Crew Chief and Teaching Assistant, University of Colorado Field School, Bluff, UT. Mapping program of Pueblo III-IV sites in Comb Wash. Project Director: Dr. Catherine Cameron.
- 2000 – 2001 Field Director, Regional Test-pit Program, Río Verde Ecology Project, Oaxaca, Mexico. Oversaw test-pitting program in the lower Río Verde Valley. Project Director: Dr. Arthur A. Joyce.
- 1999 Field and Laboratory Assistant, Ciudad Vieja Archaeological Project, Suchitoto, El Salvador. Excavation and groundstone analysis at an early Colonial Period Spanish fort. Project Director: Dr. William Fowler.

GRADUATE MENTORSHIP

Students Mentored to Degree Completion (MA)	MA Students Accepted into Doctoral Programs	MA Students Holding Professional Positions in Archaeology Post-Grad	Total, MA Students Continuing in Archaeology Post-Grad
18	9 (50%)	6 (33%)	13 (72%)

I was the first faculty member in the UCF Anthropology Department to obtain external funding support for a doctoral student (from Argonne National Laboratory). My directly credited funding from Argonne has supported tuition and salary for 7 MA students and 3 Ph.D. students over six years.

Chair, Ph.D. Committees

Peter Mercier	Anthropology, UCF. Ph.D. Degree anticipated 2026.
Aaron Ott	Anthropology, UCF. Ph.D. <i>Religion as a Public Good: Public Space at Monte Albán Over Time</i> . Advanced to Candidacy 2021. Withdrawn 2023.
Sami Savateri	Anthropology, UCF. Ph.D. Degree anticipated 2029.
Emily Tyler	Anthropology, UCF. Ph.D. Degree anticipated 2029.

Chair, M.A. Committees

William Boynton	Anthropology, UCF. M.A. Thesis. <i>Practical Use of Ground Penetrating Radar: A Survey of Coastal Historic Cemeteries in Florida</i> . Degree December 2015.
Jeffrey Brzezinski	Anthropology, UCF. M.A. thesis. <i>Worldview, Ideology, and Ceramic Iconography: A Study of Ideological Messaging on Late Terminal Formative Grayware Serving Vessels from the Lower Rio Verde Valley of Pacific Coastal, Oaxaca, Mexico</i> . Degree May 2011. • Ph.D. 2019, University of Colorado at Boulder. • Awarded NSF Doctoral Dissertation Improvement grant. • Currently post-doctoral researcher.
Elizabeth Chance	Anthropology, UCF. M.A. thesis. <i>Against the Flow: A Post-Bellum Watermill in Central Florida</i> . Degree May 2017. • First placement post-grad: independent contractor in Cultural Resource Management archaeology • Featured in UCF Today: https://today.ucf.edu/combat-zone-classroom-digging-artifacts-student-aims-make-difference/
Angelica Costa	Anthropology, UCF. M.A. thesis. <i>Fashioning Society: The Use of Facial Adornments for Social Identification in Postclassic Tlaxcallan</i> Degree December 2018. Employed in cultural resource management. • First placement post-grad: Full-time employment in Cultural Resource Management archaeology • 2nd place, Social Sciences and Business Poster, UCF Graduate Research Forum
Richard Davis	Anthropology, UCF. M.A. thesis. <i>What Fishing Tackle Should I Bring Today?: Safety Harbor Resource Collection Tools as Adaptation to Aquatic Environments</i> . Degree May 2024.
Amy Dwyer	Anthropology, UCF. M.A. thesis. Withdrawn 2024.

Rachel Egan	Anthropology, UCF. M.A. thesis. <i>New Perspectives on the Quatrefoil in Classic Maya Iconography: the Center and the Portal</i>. Degree December 2011. (co-chair with A. Chase) • Ph.D. 2019, University of Colorado at Boulder. • Currently PI, Cultural Resource Management
Marilyn Hilton	Anthropology, UCF. M.A. non-thesis. Withdrawn 2024.
Carlo Lucido	Anthropology, UCF. M.A. thesis. <i>Regional Affiliation in the Lower Rio Verde: An Examination of Rio Viejo Middens as Evidence for Scaled-Up Practice at Surrounding Sites</i>. Degree May 2015.
Brittany Luther	Anthropology, UCF. M.A. thesis. <i>The Crossed Bands Motif: What Does it Mean?</i> Degree May 2016.
Victoria Menchaca	Anthropology, UCF. M.A. thesis. <i>Settlement History and Interaction in the Manialtepec Basin of Oaxaca, Mexico</i>. Degree August 2015. • First placement post-grad: Full-time employment in Tribal Archaeology program • Currently Archaeologist, Big Cypress National Forest, National Park Service
Charlotte Mills	Anthropology, UCF. M.A. <i>It Happened Centuries Ago: Using GIS and Remote Sensing Techniques to Map the Quilombo dos Palmares</i>. Degree May 2021. • First placement post-grad: Full-time employment in Cultural Resource Management archaeology
Brett Parbus	Anthropology, UCF. M.A. thesis. <i>Weathering the Storm: Effects of Storm Periods on Ancient Populations of Coastal Florida</i>. Degree December 2018. • ABD, University of Georgia. • Honorable Mention, UCF College of Sciences Outstanding Thesis Award
Elizabeth Peabody	Anthropology, UCF. M.A. thesis. <i>Making an Impression: A Formal Analysis of the Contextual and Iconographic Characteristics of Ancient Mexican Ceramic Stamps</i>. Degree May 2018.
Jamie Rogers	Anthropology, UCF. M.A. thesis. <i>Microscale Environmental Change and Occupational Variability of Tamp Bay During the Woodland Period: a High Resolution Analysis of Trace Elements and Stable Isotopes from <i>Crassostrea virginica</i></i>. Degree 2019. • Awarded John W. Griffin Student Grant, Florida Archaeology Council, 2018 • Awarded Dorothy Moore Student Grant, Florida Anthropological Society, 2018 • First placement post-grad: Full-time employment in Cultural Resource Management archaeology • ABD, University of South Florida

- Jacklyn Rumberger Anthropology, UCF. M.A. thesis. *Diet and Migration in Coastal Oaxaca: Identifying Effects of Political Instability Through the Utilization of Stable Isotope Analysis*. Degree December 2016.
- Ph.D. student Washington State University (withdrawn)
- Sami Savateri Anthropology, UCF. M.A. thesis. *To the Cosmos and Back: Modelling Ritualized Movement and Natural Sanctuaries around the Manialtepec Lagoon*. Degree May 2023.
- First placement post-grade: National Park Service Alaska Archaeology
 - Accepted, Ph.D. program, UCF Anthropology
- Elyssa Stebbins Anthropology, UCF. M.A. thesis. *Ritual in GIS: Spatial Pattern Analysis of Ritual Activity at the Acropolis of Río Viejo, Oaxaca, During the Terminal Formative Period*. Degree May 2022.
- First placement post-grad: Full-time employment in Cultural Resource Management archaeology.
- Emily Tyler Anthropology, UCF. M.A. thesis. *Site Use and Movement of Ceramics: Form and Chemical Clustering of Pottery from the Burns Site, Cape Canaveral, Florida*. Degree August 2024.
- Ph.D., University of Central Florida
- Anthony Tricarico Anthropology, UCF. M.A. thesis. *Urban Agriculture Within the Valley of Oaxaca: Investigations and Implications of Agricultural Terracing at Monte Alban, Oaxaca*. Degree May 2015.
- Ph.D., University of South Florida.
 - Currently PI, Cultural Resource Management
- Raynaliz Velazquez Anthropology, UCF. M.A. thesis. Degree anticipated May 2025.

Member, Ph.D. Committees

- Karla Cardona Anthropology, UCF. Advanced to Candidacy. December 2021.
- Nilver Tovar Ospina Anthropology, UCF. Advanced to Candidacy. May 2024.

Member, M.A. Committees

- Zachary Boal Anthropology, UCF. *Reconstructing Seasonality at the Burns Mound Site (8BR85), Cape Canaveral, Florida, Using Oxygen 18 Isotopes from Donax Variabilis*. May 2024.
- Patrick Carroll Anthropology, UCF. *Re-evaluating the Late Classic Lu-Bat Glyphic Phrase: The Artist and the Underworld*. December 2013.
- Elimarie Cosme Anthropology, UCF. *Raised Field Systems of the Llanos de Mojos Region, Bolivia*. May 2015.
- Petra Cunningham-Smith Anthropology, UCF. *Fish from Afar: Marine Resource Use at Caracol, Belize*. August 2011.

Charles Dionne	Anthropology, UCF. M.A. thesis. <i>Detecting Buried Metallic Weapons in a Controlled Setting Using a Conductivity Meter</i> . May 2009.
Lisa Duffy	Anthropology, UCF. <i>Maize and Stone: A Functional Analysis of the Manos and Metates of Santa Rita Corozal, Belize</i> . August 2011.
Joanna Fletcher	Anthropology, UCF. <i>Monitoring Shallow Controlled Graves with Small Cadavers Using Ground Penetrating Radar</i> . M.A. thesis. May 2011.
William Hawkins	Anthropology, UCF. <i>Monitoring Long-Term Controlled Grave Scenarios Using Ground Penetrating Radar</i> . May 2011.
Patsy Holden	Anthropology, UCF. <i>Ballcourt Iconography at Caracol, Belize</i> . July 2009.
S. Lee Johns	Anthropology, UCF. <i>Mill Cove Lithic Complex Typology</i> . Degree May 2020.
Lucas Johnson	Anthropology, UCF. <i>The Shape of Small Chert Tools in a Late Classic House Group from Caracol, Belize: Standardization, Household Function, and Economic Understanding</i> . December 2008.
Rachel Kangas	Anthropology, UCF. <i>An Early Classic Round Structure at Santa Rita Corozal, Belize</i> . December 2015.
Anna Kebler	Anthropology, UCF. <i>Chemical Composition of Preclassic-Period Maya Slips</i> . December 2018.
Nathan Lawres	Anthropology, UCF. <i>They Have Guns and So do We: An Analysis of Seminole Warfare Tactics</i> . May 2012.
Tiffany Lindley	Anthropology, UCF. <i>With the Protection of the Gods: An Interpretation of the Protector Figure in Classic Maya Iconography</i> . May 2012.
Lisa Lomitola	Anthropology, UCF. <i>Ritual Use of the Human Form: A Contextual Analysis of the "Charlie Chaplin" Figurine in the Maya Lowlands</i> . May 2012.
Michael Martin	Anthropology, UCF. <i>Detecting Various Burial Scenarios in a Controlled Setting Using Ground-Penetrating Radar and Conductivity</i> . May 2010.
Richard Ott	Anthropology, UCF. Degree anticipated December 2021.
Max Seidita	Anthropology, UCF. <i>Chetumal's Dragonglass: Postclassic Obsidian Production and Exchange at Santa Rita Corozal, Belize</i> . December 2015.
Carrie Tucker	Anthropology, UCF. <i>The Ceramic Sequence for Vista Alegre, Quintana Roo, Mexico</i> . Degree August 2022.
Danielle Waite	Anthropology UCF. <i>Household Economies and Socioeconomic Integration: An Analysis of Obsidian Artifacts from Cobá, Quintana Roo and Yaxuna, Yucatan, Mexico</i> . Degree May 2020.
Deborah Ziel	Anthropology, UCF. <i>Which Way to the Jook Joint? Historical Archaeology of a Polk County, Florida, Turpentine Camp</i> . December 2013.

UNDERGRADUATE STUDENT MENTORSHIP

I have had two significant undergraduate mentorship roles since achieving tenure:

- I served as **Anthropology Undergraduate Coordinator**, an administrative position that entailed advising all Anthropology majors and minors; and,
- I co-developed the Cape Canaveral Archaeological Mitigation Project (CCAMP) with Thomas Penders of Cape Canaveral Space Force Station. To date, **97 undergraduate students** have obtained hands-on field and laboratory training through that program since its inception in January 2017. The program is ongoing.

Chair, Honors Undergraduate Thesis

Lillie Dao	Anthropology, UCF. Honors in the Major Thesis. <i>Concepts of Time in Postclassic Mesoamerica</i> . December 2011. • Doctoral student, USF College of Public Health
Alexandra Kulenguski	Anthropology, UCF. Honors in the Major Thesis. <i>An Analysis of Burial Practices at Loma Don Genaro, Oaxaca</i> . Degree May 2018. • MA, University of Colorado at Boulder • Featured in the COS News student spotlight: https://sciences.ucf.edu/news/uncovering-history-undergraduate-research/ • Presented thesis research at Showcase for Undergraduate Research.
Valeri Madigan	Anthropology, UCF. Honors in the Major Thesis. <i>A Comparison of Tomb Art from Egypt and Oaxaca, Mexico</i> . May 2009.
Samantha Pietruszewski	Anthropology, UCF. Honors in the Major Thesis. <i>A Formal and Functional Analysis on the Ceramic Rims of the Little Midden Site: The Identification of Site Function</i> . May 2010.
Allyson Shenkman	Anthropology, UCF. Honors Undergraduate Thesis. <i>Diet Change Over Time in the Ais Community of Cape Canaveral, Florida</i> . Degree May 2024. • Allyn M. Stearman Research Scholarship awardee, December 2022 • Undergraduate Research Grant awardee, December 2022
Melanie St.Pierre	Anthropology, UCF. Honors in the Major Thesis. <i>Stable Isotope Analysis of Human Remains from the Lower Rio Verde Valley, Oaxaca</i> . August 2018. • Judge's Choice Award, Showcase for Undergraduate Research Poster. • Competitive Honors in the Major grant, December 2017. • Distinguished Undergraduate Researcher Award, July 2018.

Member, Honors in the Major Committees

Samantha Angel	Anthropology, UCF. Honors in the Major Thesis. <i>The Role of Music in Human Evolution</i> . May 2012.
David Birnbaum	Anthropology, UCF. Honors in the Major Thesis. <i>Using GIS to Determine the Influence of Wetlands on Cayuga Iroquois Settlement Location Strategies</i> . December 2011.
Stephanie Boothby	Anthropology, UCF. Honors in the Major Thesis. <i>Using GIS to Identify Built Features in the Beni of Bolivia</i> . May 2010.

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| Jessica Clark | Anthropology, UCF. Honors in the Major Thesis. <i>pXRF Analysis of Yuguie Obsidian</i> . May 2020. |
| Ryan Collins | Anthropology, UCF. Honors in the Major Thesis. <i>Transition Through the Abyss: Archaeological Interpretations of the Iconographic Raised-Heel in Classic Maya Sculpture</i> . December 2009. |
| Jesann Gonzalez | Anthropology, UCF. Honors in the Major Thesis. <i>A Formal Study of Applied Ancient Water Management Techniques in the Present Water Crisis</i> . May 2017. |
| Michael Gyurnek | Anthropology, UCF. Honors in the Major Thesis. <i>Peopling of the Americas: The South Pacific Route</i> . December 2010. |
| Melanie Langgle | Anthropology, UCF. Honors Undergraduate Thesis. <i>Analysis of the Mortuary Patterns at the Burns Site (8BR85) at Cape Canaveral Space Force Station and the State of Florida</i> . May 2024. |
| | <ul style="list-style-type: none"> • Digging Deeper: How a UCF Anthropology Graduate Uncovered Her Purpose University of Central Florida News |
| Patrisha Reynolds | Anthropology, UCF. Honors in the Major Thesis. <i>Cultural Reflections: Variation Over Time of Grave Marker Attributes in Central and Southeast Florida</i> . May 2012. |

COURSES TAUGHT

M = mixed-mode/hybrid; W = Web

UCF Graduate

1. Archaeological Method and Theory: UCF ANG6110
2. Science, Technology, and the Transformation of Human Society: UCF ANG6931/6474
 - Developed new for the Ph.D. degree

UCF Undergraduate

1. Archaeology and the Rise of Human Culture (Intro to Archaeology): UCF ANT2100/ANT2140 (M & W)
2. The Pre-Contact Americas/Americas Before Columbus: UCF ANT3160 (M & W)
 - Developed new for the BA degree
3. The Prehispanic Southwest: UCF ANT3320/ANT3152 (M)
 - Developed new for the BA degree
4. Origins of Complex Societies: UCF ANT3145 (M & W)
5. Archaeological Method and Theory: UCF ANT3115/ANT4115C (M)
6. Archaeology and Popular Culture: UCF ANT3106 (M)
 - Developed new for the BA degree
7. Archaeology of Mexico: UCF ANT3161 (M)
 - Developed new for the BA degree
8. Religion in Ancient Society: UCF ANT3246 (M/W)
 - Developed new for the BA degree
9. Partying in the Ancient World: UCF ANT3424 (W)
 - Developed new for the BA degree

10. Archaeological Field Study: UCF ANT4824 (F2F)

- Hands-on practicum course

Previous Undergraduate

Introduction to Archaeology: Queens College ANT103; Fordham University ANRG1300;

University of Colorado ANTH2200

The Aztecs, Maya, and Olmecs: Queens College ANT241

Origins of Complex Society, Seminar: Queens College ANT342

Archaeology of the Southwest: Queens College ANT249

Exploring a Non-Western Culture: The Maya: Colorado ANTH1140

SERVICE TO THE PROFESSION

Editor

2023 – present Associate Editor, *Ancient Mesoamerica* (Cambridge Press)

2012 – 2015 International Encyclopedia of the Social and Behavioral Sciences, 2nd ed.
Archaeology Section. Elsevier Press.

National Committees

2019 – 2022 Treasurer, Archaeology Division. American Anthropological Association.

- Elected position

2013 Annual Meeting Program Committee member. Society for American Archaeology.

2009 – 2012 Committee on the Status of Women in Archaeology (COSWA). Advisory Board
Member. Society for American Archaeology.

Regional Committees

2016 – 2018 Treasurer, Central Florida Chapter. Archaeological Institute of America.

2015 – 2016 President, Central Florida Chapter. Archaeological Institute of America.

2014 – 2016 Alternate Senator, UCF Chapter. United Faculty of Florida.

2009 – 2015 Vice President, Central Florida Chapter. Archaeological Institute of America.

2015 Secretary, UCF Chapter. United Faculty of Florida.

Proposal and Manuscript Reviews

Granting Agencies: National Science Foundation (DDRIG & Senior Research); Missouri
University Research Reactor (MURR); National Geographic Waitt Foundation, Coalition for
Archaeological Synthesis (Panel reviewer)

Book Manuscript Reviews: University Press of Colorado; Oxford University Press; Left Coast
Press

Journal Manuscript Peer Reviews: *Current Anthropology*, *American Anthropologist*, *Ancient
Mesoamerica*, *Antiquity*, *Research in Economic Anthropology*, *Computers & Geosciences*, *Journal of Archaeological
Method and Theory*, *Journal of Anthropological Archaeology*, *American Antiquity*, *International Journal of*

Osteoarchaeology, Journal of Archaeological Science: Reports; Journal of Archaeological Science; Latin American Antiquity, Frontiers in Political Science, Cambridge Archaeological Journal

- 2020 – 2021: 1 Missouri University Research Reactor grant; 1 NSF Senior Archaeology; 1 *Latin American Antiquity*
- 2021 – 2022: 1 *Frontiers in Political Science*; 1 NSF Postdoctoral Fellowship; 1 *Cambridge Archaeological Journal*
- 2022 – 2023: 1 *CfAS* review panel
- 2024 – 2025: 1 NSF DDRIG; 1 *Ancient Mesoamerica*

SERVICE TO THE UNIVERSITY

Invited On-Campus Presentations

- 2021 The Ancient Past of a Space Port: Five Years of Archaeology on Cape Canaveral Space Force Station. UCF Anthropology Brown Bag Series. February 2021.
- 2016 Coastal Archaeology in Pacific Mexico: 2000 Years of Trade, Urbanism and Conquest in the Manialtepec Basin, Oaxaca. Inaugural Brown Bag for the Coastal Cluster. November 2016.
- 2016 Invited participant, Provost Forum. October 2016.

University

- 2021 – 2022 Chair, University Graduate Policy Committee
- 2020 – 2022 Faculty Senate Anthropology Department Representative
- 2020 – 2021 University Graduate Policy Committee
- 2015 – 2017 Coastal Cluster Initiative Search Committee
- 2014 Mini workshop leader, Women in Research, Summer Research Academy
- 2010 – 2012 University Athletics Committee
- 2011 Beta tester, eP&T

College

- 2024 – present COS Promotion & Tenure Committee
- 2020 COS TIP Committee
- 2016 – 2019 COS Undergraduate Curriculum & Standards Committee
- 2016 – 2017 COS RIA Selection Committee
- 2014 – 2016 COS Promotion & Tenure Committee
- 2014 – 2015 COS Research Committee
- 2015 – 2016 Search Committee, Assistant/Associate Dean
- 2011 – 2012 & 2014 – 2015 Dean's Advisory Council
- 2008 – 2009 Undergraduate Curriculum Committee

Departmental Administrative Service

- 2024 – 2025 Chair, Medical Anthropologist Search Committee
- 2019 – 2020 Co-chair, Biological Anthropologist Search Committee (bioarchaeology)
- 2019 – 2020 Co-chair, Biological Anthropologist Search Committee (open)

2016 – 2019 Undergraduate Program Coordinator
 2015 – 2017 Lead, Ph.D. program development
 2014 – 2017 Chair, Anthropology Promotion & Tenure Committee
 2014 – 2015 Chair, Maya Archaeologist Search Committee
 2014 – 2015 Chair, Archaeological Sciences Search Committee
 2008 – 2009 Undergraduate Program Coordinator.

Departmental Committees/Service

2024 – 2025 *Ad hoc* Anthropology Document Revision Committee
 2024 – 2025 Graduate Program Committee
 2023 – 2025 *Ad hoc* AESP and Workload Equity Revision Committee
 2023 – 2024 Chair, Promotion & Tenure Committee
 2013 – present Promotion & Tenure Committee
 2007 – present Undergraduate Curriculum Committee
 2022 – 2023 *Ad hoc* Annual Evaluation Revision Committee
 2022 Colloquium Committee
 2017 – 2018 Doctoral Program Committee
 2007 – 2016 Graduate Curriculum Committee
 2014 – 2015 Geospatial Scientist Search Committee
 2010 – 2014 Anthropology Department Faculty Library Representative
 2011 – 2012 Colloquium Committee
 2010 – 2011 Faculty Sponsor, Undergraduate Anthropology Club
 2011 Biological Anthropologist Search Committee
 2011 Instructor Search Committee
 2009 – 2010 Instructor Search Committee
 2008 Organizer, Departmental Open House. UCF Research Week.
 2007 – 2008 Cultural Anthropologist Search Committee
 2007 – 2008 Biological Anthropologist Search Committee

SERVICE TO THE COMMUNITY

Invited Workshops Directed

2018 Ancient Civilizations of the Americas. Workshop held for 6th-grade social studies students. Milwee Middle School, Longwood. Teach-in Day, Seminole County School District.
 2014 What does an Archaeologist Do? Workshop held for 2nd-grade students and teachers. Evans Elementary School, Oviedo. Teach-in Day, Seminole County School District.
 2014 Aztec to Zapotec: Ancient Civilizations of the Americas. Workshop held for Middle School Teachers, Teach-In Day, Pinellas County School District.
 2013 Aztec to Zapotec: Ancient Civilizations of the Americas. Workshop held for the Social Studies Department, Pinellas County School District.

Invited Public Lectures and Presentations

2023 DreamWakers Flashchat. Virtual Q&A with Ms. Kollmeyer's 5th-grade class at Adams Elementary School. Arkansas City, KS.

- 2023 Between Sea and Sky: Trade, Movement and Urbanism in Ancient Oaxaca. Invited presentation to the Time Sifters Archaeological Society. Sarasota. April 2023.
- 2022 Between Sea and Sky: Trade, Movement and Urbanism in Ancient Oaxaca. Invited presentation to the Jacksonville Chapter of the Archaeological Institute of America. September 2022.
- 2022 Ecosystems and Ruins: Drawing on the past to understand the future of lagoons. Headwaters Science Institute Lunch With a Scientist. February 2022.
<https://headwatersscienceinstitute.org/lwas/digging-up-history-with-a-real-life-indiana-jones/>
- 2022 Ecosystems and Ruins: Drawing on the past to understand the future of lagoons. UCF Learning Institute for Elders (LIFE) monthly lecture. January 2022.
- 2021 What?! No Oysters for Lunch. UCF Lunch on the Coast Speaker Series. August 2021. <https://www.youtube.com/watch?v=zUIDuv8GQBM>
- 2021 DreamWakers Flashchat. Virtual Q&A with Ms. Gennari's 6th-grade World History class at CAPA school. Pittsburgh, PA.
- 2020 DreamWakers Flashchat. Virtual Q&A with Ms. Baker's 7th-grade Social Studies Class. Parview Middle School. Yucaipa, CA.
- 2019 Religion, Politics, and the Origins of Mexican Civilization. Invited lecture presented to the Central Florida Anthropological Society, Winter Park, Florida.
- 2017 La Historia Precolumbina de los Chatinos. Invited video presentation at the 1^a Semana de las Culturas de la Costa, Universidad de la Costa. Pinotepa Nacional, Oaxaca, Mexico.
- 2017 What is Archaeology? Invited Skype presentation to 2nd-grade students at the American School of Bucharest. Bucharest, Romania.
- 2016 La Licenciatura en la Antropología a la UCF. Invited lecture presented to 6 Spanish classes at Oviedo HS. Oviedo, Florida.
- 2016 What is Archaeology? Invited lecture presented to the 6th grade at HoLa Charter School. Lincoln-Hubbard School District. Hoboken, New Jersey.
- 2016 The Ancient Cities of Mexico: A(ztec) to Z(apotec). Invited lecture series through Rollins College's Center for Lifelong Learning. Winter Park, Florida.
- 2015 La Historia Precolumbina de los Chatinos. Invited Spanish-language lecture presented at the Chatino Food and Culture Festival. San Jose Manialtepec, Oaxaca, Mexico.
- 2015 No Mummies? No Problem. Invited lecture presented in conjunction with the Mummies of the World Exhibit. Orlando Science Center. Orlando, Florida.
- 2015 Neither Here Nor There: The Archaeology of an In-Between Place. Invited lecture presented as part of the Anthropology Colloquium Series. University of Colorado at Boulder. Boulder, Colorado.
- 2013 Between Sea and Sky: Trade, Movement, and Urbanism in Ancient Oaxaca. Lecture presented to the Institute for Maya Studies. Miami, Florida.

- 2011 Mexico's Forgotten Coast: Ancient Canoe Trade in the *Mar del Sur*. Lecture presented to the Kissimmee Valley Archaeological Society. Avon Park, Florida.
- 2011 Mexico's Forgotten Coast: Ancient Canoe Trade in the *Mar del Sur*. Lecture presented to the Central Florida Anthropological Society. Orlando, Florida.
- 2011 Mexico's Forgotten Coast: Ancient Canoe Trade in the *Mar del Sur*. Lecture presented to the Central Gulf Coast Archaeological Society. St. Petersburg, Florida.
- 2009 What is Archaeology? Talk presented to middle school classes at Passport Charter School. Orlando, Florida.
- 2003 La arqueología de los municipios de Tututepec y Jamiltepec: una introducción. Talk presented at the Museo Comunitario de Tututepec. Villa de Tututepec de Melchor Ocampo, Oaxaca, Mexico.

Volunteer

- 2022 Archaeologists for Autism. Annual public outreach event. November 2022.
- 2018 Archaeologists for Autism. Annual public outreach event. October 2018.
- 2017 Archaeologists for Autism. Annual public outreach event. October 2017.
- 2018 Coach, Evans Elementary Odyssey of the Mind Team, Dec 2017-Feb 2018.
- 2017 Archaeologists for Autism. Annual public outreach event. November 2017.
- 2016 Archaeologists for Autism. Annual public outreach event. November 2016.
- 2015 Archaeologists for Autism. Annual public outreach event. October 2015.

MEDIA COVERAGE

My research has been featured in the international popular press, including both print and radio media. A selection of coverage includes:

2024

Byrne, Brendan. "[Saving the Space Coast's Future and Past from Rising Water](#)." *Central Florida Public Radio*. (local radio).

2022

Neale, Rick. "UCF students at Cape Canaveral Space Force Station find artifacts." [floridatoday.com](#) (local newspaper)

2021

Malakoff, David. "[Google Maps for Travelers](#)." *American Archaeology*. Summer 2021. (US glossy magazine).

2017

"A Divine Wind: The Arts of Death and Music in Terminal Formative Oaxaca." *IMS Explorer* 45(5):2,6. (Newsletter of Miami, FL-based public advocacy group)

2016

Brancaccio, David. "Unearthing the past with a piece of history," *Marketplace*. (US Radio)
<http://www.marketplace.org/2016/03/21/economy/pro-tool-tools-professional/archaeologist-pro-tool>

Ohlson, Kristin. "A Tale of Two Cities," *American Archaeology*. Fall 2016. Pp. 30-35 (US glossy magazine)

2015

Mortimer, Caroline. "Religion has been causing conflict for over 2,000 years, say scientists," *The Independent*. (England) <http://www.independent.co.uk/news/science/archaeology/religion-has-been-causing-conflict-for-over-2000-years-say-scientists-a6782631.html>

"Mexico's 2,000-Year-Old Mix of Religion and Politics," *Archaeology*.

<http://www.archaeology.org/news/4025-151222-mexico-community-religion>

O'Hare, Ryan. "Religion has been causing conflicts for more than 2,000 years," *The Daily Mail*. (England). http://www.dailymail.co.uk/sciencetech/article-3370189/Religion-causing-conflicts-2-000-years-binding-ancient-societies-belief-systems-torn-apart-Mesoamerica.html?ITO=1490&ns_mchannel=rss&ns_campaign=1490

"Religion has been causing conflict and dividing society for over 2,000 years, say scientists," *Belfast Telegraph*. (Ireland). <http://www.belfasttelegraph.co.uk/news/world-news/religion-has-been-causing-conflict-and-dividing-society-for-over-2000-years-say-scientists-34308971.html>

"Religion and politics led to social tension and conflict, then and now," *Science Daily*.
<https://www.sciencedaily.com/releases/2015/12/151221133849.htm>

2013

"Religion a key to early state formation in ancient Mexico," *Popular Archaeology*. <http://popular-archaeology.com/issue/june-2013/article/religion-a-key-to-early-state-formation-in-ancient-mexico>

PROFESSIONAL MEMBERSHIPS

American Anthropological Association
Society for American Archaeology
Register of Professional Archaeologists
Archaeological Institute of America

LANGUAGES

English: Native speaker.

Spanish: Fluent.

French: Working knowledge spoken and reading.