Carolyn Freiwald July 2024

Associate Professor of Anthropology Anthropology Graduate Program Coordinator Department of Sociology and Anthropology University of Mississippi 539 Lamar, P.O. Box 1848 University, MS 38677-1848 carolynfreiwaldlab.com crfreiwa@olemiss.edu 608-770-1408

RESEARCH INTERESTS

Maya and Mesoamerican archaeology, bioarchaeology and zooarchaeology, archaeological chemistry Migration, diet, animal-human relationships

EDUCATION

2011 PhD, University of Wisconsin-Madison Department of Anthropology
Maya Migration Networks: Reconstructing Population Movement in the Belize River Valley during
the Late and Terminal Classic

2004 MS, University of Wisconsin-Madison, Anthropology

1989 BA, University of Wisconsin-Madison, International Relations and History

ACADEMIC POSITIONS

Terbenie i obilions	
2019-present	University of Mississippi, Associate Professor in Anthropology
	UM Forensic Chemistry Advisory Board
2012-present	University of Wisconsin-Madison Honorary Fellow, Department of Anthropology
2013-2019	University of Mississippi, Assistant Professor in Anthropology
2012-2013	University of Mississippi, Visiting Assistant Professor in Anthropology
2010	University of Wisconsin Richland Center, Anthropology Adjunct Faculty
June 2012	University of Texas at San Antonio, archaeology field school staff
2009-2012	University of Wisconsin-Madison, Zoology 699 Instructor
2009-2010	University of Wisconsin-Madison, Department of Spanish and Portuguese, Instructor
2003-2006	University of Wisconsin-Madison, Department of Anthropology, Teaching Assistant

PUBLICATIONS

- Shiratori, Yuko, Carolyn Frewiald, y Christian A. Barrientos. 2023. Ecologia Historia en Durante el Periodo Postclasico. En *XXXVI Simposio de investigaciones arqueológicas en Guatemala, 2023*, editado por B Arroyo, L Mendez Salinas, G Ajú Álvarez, pp. 501-510. Museo Nacional de Arqueología y Etnología, Guatemala, Asociación Tikal, Ciudad de Guatemala.
- Freiwald, C. In press. Mobile Maya Bodies. In *Moving Maya: Circulations en espaces mayas*, edited by Clarissa Cagnato and Juliette Danfakha. Presses Universitaires Paris-Nanterre, Collections de la Maisons des Sciences de l'Homme "Mondes".
- Freiwald, C, D Micklin, K Fulton, D Mixter, & L LeCount. In press. Making a place for ancestors at Actuncan, Belize: An osteobiography of a Maya burial ground. In *Osteobiographies in Mesoamerica*, G Wrobel & A Cucina (Eds). University Press of Florida.
- Wrobel, G, E Harrison-Buck, C Freiwald, JA Biggs, M McKenna, & S Murata. In press. An Osteobiography of an Ancient Maya Burial and Termination Ritual in Belize. In *Osteobiographies in Mesoamerica*, G Wrobel & A Cucina (Eds). University Press of Florida.
- Green-Mink, K, CE Ebert, JJ Awe & C Freiwald. In press. Colonial Lifeways Revealed through Osteobiographic Analysis at Cahal Pech, Belize. In *Osteobiographies in Mesoamerica*, G Wrobel & A Cucina (Eds). University Press of Florida.
- McNeil, C, E Barrios, O Gómez, C Freiwald, M Díaz, N Meissner, M Colin. 2023. Hablando con los dioses: analizando las ofrendas de la plaza de los siete templos y del sur de Tikal. In *Simposio de investigaciones arqueológicas en Guatemala 2022*, pp. 63-78. Instituto de Antropología e Historia, Asociación Tikal.

- Yaeger, J, C Helmke, MK Brown, M Zender, B Cap, & C Freiwald. 2023. A shell gorget from Feature 384-2 at Buenavista del Cayo, Belize. *Mexicon* XLV(2):35-41.
- Freiwald, Carolyn. 2023. Oxygen isotope values in the Maya region. In *Isotopic Proveniencing and Mobility: The State of Research*, TD Price (Ed), Springer.
- Hoggarth, JA, C Freiwald, CE Ebert, C Helmke, JJ Awe, K Green, P Powless, & AH McKeown. 2022. As the Baktun turned: Reconstructing Classic to Postclassic population dynamics in the Belize River Valley. In *Identity, Power, and Politics: 3,000 Years of War and Peace in the Maya Lowlands*, GE Braswell & VV Aquino (Eds). Routledge Archaeology of the Ancient Americas Series.
- Price, TD & C Freiwald. 2022. Baseline strontium isotope ratios in Mesoamerica. In *The Routledge Handbook of Mesoamerican Bioarchaeology*, V Tiesler (Ed), pp. 486-509. Routledge, New York.
- Freiwald, C, A Rand, & J Belanich. 2022. What's new in profiling an individual inside and out. In *The Routledge Handbook of Mesoamerican Bioarchaeology*, V Tiesler (Ed), pp. 577-600. Routledge, NY.
- Halperin, CT, Y Flynn-Arajdal, KA Miller Wolf, & C Freiwald. 2021. Terminal Classic residential histories, migration, and foreigners at the Maya site of Ucanal, Petén, Guatemala. *Journal of Anthropological Archaeology* 64:101337.
- Ebert, C, AJ Rand, K Green-Mink, JA Hoggarth, C Freiwald, JJ Awe, C Helmke, W Trask, M Danforth, J Yaeger, M. Kathryn Brown, & DJ Kennett. 2021. Applying sulfur isotopes to paleodietary reconstruction and human mobility from the Preclassic through Colonial Periods in the eastern Maya lowlands. *PLOSOne* 16(8):e0254992.
- Rand, A, C Freiwald, & V Grimes. 2021. Stable sulphur isotope analysis in the Maya region: A faunal baseline for dietary and mobility studies. *Journal of Archaeological Sciences: Reports* 102977.
- Freiwald, C. 2021. Barton Ramie and in-migration to the Belize River Valley: Strontium isotopes and burial patterns. In *Mobility and Migration in Ancient Mesoamerican Cities*, MC Arnauld, C Beekman, & G Pereira (Eds), pp. 23-42. University Press, Colorado.
- Hoggarth, J, C Freiwald, & J Awe. 2021. Evidence for Classic and Postclassic population movement at Baking Pot, Belize. In *Mobility and Migration in Ancient Mesoamerican Cities*. Edited by MC Arnauld, C Beekman, & G Pereira (Eds), pp.43-58. University Press, Colorado.
- Freiwald, C, C Halperin, C Dubois-Francoeur, C Schlinsog, & K Bauer. 2021. A Microscopic View of Needle and Perforator Production at Ucanal, Guatemala. In *Bones at a Crossroads: Integrating Worked Bone Research with Archaeometry and Social Zooarchaeology*, M Wild, B Thurber, S Rhodes, & C Gates-St. Pierre (Eds), pp. 171-188. Sidestone Press.
- Halperin, C, C Freiwald, & G Iannone. 2020. Introduction to the Special Section in *Ancient Mesoamerica*: Borders, Frontiers, and Boundaries in the Maya World: Concepts and Theory. *Ancient Mesoamerica*, 31(3), 453-460.
- Freiwald, C, K Miller Wolf, T Pugh, A Rand, & P Fullagar 2020. Early colonialism and population movement at the Mission San Bernabé, Guatemala. *Ancient Mesoamerica*, 31(3), 543-553.
- Price, TD, V Tiesler, P Zabala, A Coppa, C Freiwald, H Schroeder, & A Cucina. 2020. Home is the Sailor. Investigating the origins of the inhabitants of La Isabela, the first European settlement in the New World. *Current Anthropology*, 61(5).
- Brown, MK & C Freiwald. 2020. Potluck: Building community and feasting amongst the Middle Preclassic Maya. In *From Feast to Famine*, edited by T Ardren, pp. 25-46. University of Texas Press.
- Freiwald, C. 2020. Migration and mobility among the ancient Maya. In *The Maya World*, S Hutson & T Ardren (Eds), pp. 203-222. Routledge Press.
- Rand, A, V Matute, V Grimes, C Freiwald, & J Źrałka. 2020. Prehispanic Maya diet and movement at Nakum, Guatemala: A multi-isotopic approach. *Journal of Archaeological Science: Reports, 32C.*

- Freiwald, C, B Woodfill, & R Mills. 2019. An isotopic investigation of salt and its implications for exchange and mobility in Mesoamerica. *Journal of Archaeological Science: Reports*, 27, 101990.
- Price, TD, V Tiesler, & C Freiwald. 2019. Origins of the sacrificial victims in the Sacred Cenote, Chichén Itzá, Mexico. *American Journal of Physical Anthropology* 170(1), 1-18.
- Freiwald, C, A Novotny, & K Green Mink. 2019. Mobility among the Maya of the Belize Valley. *Research Reports in Belize Archaeology, 16*, 91-100.
- Lytle, W, MK Brown, R, Horowitz, & C Freiwald. 2019. Late Classic burials and eccentric caches from Structure D-6 at Xunantunich. *Research Reports in Belize Archaeology*, 16, 123-132.
- Freiwald, C, & K Miller Wolf (guest editors). 2019. Considering conservation of human skeletal remains in archaeological contexts. In Curating the Past: The Practice and Ethics of Skeletal Conservation Special Issue of *Advances in Archaeological Practices*, 7(1), 3-9.
- Freiwald, C. 2019. Excavation and curation strategies for complex burials in tropical environments. In Curating the Past: *Advances in Archaeological Practices*, 7(1), 10-22.
- Powless, P, C Freiwald. 2019. The challenges of dealing with multiple sets of human remains in the cultural resource management setting where tribal resources are limited. *Advances in Archaeological Practices*, 7(1), 55-59.
- Miller Wolf, K, & C Freiwald. 2018. Re-interpreting ancient Maya mobility: A strontium isotope baseline for western Honduras. *Journal of Archaeological Science: Reports*, 20, 799-807.
- Rice, P, A Boileau, L Cecil, S deFrance, C Freiwald, N Meissner, T Pugh, D Rice, & M Yacubic. 2018. Zacpetén Structure 719: Activities at a Contact Period *Popol Nah* before rapid abandonment. *Ancient Mesoamerica*, 29(1), 137-155.
- Freiwald, C, & T Pugh. 2018. The origins of Early Colonial Cows at San Bernabé, Guatemala: Strontium isotope values at an early Spanish Mission in the Petén Lakes region of northern Guatemala. *Environmental Archaeology: The Journal of Human Paleoecology, 23*(1), 278-284.
- Awe, J, CE Ebert, C Freiwald, & K Green. 2017. The dead do tell tales: Unraveling the case of Cahal Pech's Jane or John Doe. *Research Reports in Belizean Archaeology*, 14, 213-225.
- Wrobel, GD, C Freiwald, S Gibbs, A Michaels, & J Awe. 2017. Social identity and geographic origin of Maya burials at Actun Uayazba Kab, Roaring Creek Valley, Belize. *Journal of Anthropological Archaeology*, 45, 98-114.
- Pugh, TP, K Miller, C Freiwald, & PM Rice. 2016. Technologies of domination at Mission San Bernabé, Petén, Guatemala. *Ancient Mesoamerica*, 27(1), 49-70.
- Patterson, E, & C Freiwald. 2016. Migraciones regionales en las Tierras Bajas Centrales: Nuevos valores de isótopos de estroncio en La Corona y El Perú-Waka'. In *XXVI Simposio de investigaciones arqueológicas en Guatemala*, edited by B Arroyo, L Méndez Salinas, and G Ajú Álvarez, pp. 797-807. Instituto de Antropología e Historia Asociación Tikal, Guatemala City.
- Wrobel, G, C Helmke, C Freiwald, & J Awe. 2014. A case study of reverential cave use from Je'reftheel, Central Belize. In *The Bioarchaeology of Space and Place: Ideology, Power and Meaning in Maya Mortuary Contexts*, GD Wrobel (Ed), pp. 77-106. Springer Press.
- Freiwald, C, J Yaeger, J Awe, & J Piehl. 2014. Isotopic insights into mortuary treatment and origin at Xunantunich, Belize. In *The Bioarchaeology of Space and Place: Ideology, Power and Meaning in Maya Mortuary Contexts*, GD Wrobel (Ed), pp.107-141. Springer Press.
- Freiwald, C, DW Mixter, & N Billstrand. 2014. Burial practices at Actuncan, Belize. Research Reports in Belize Archaeology, 11, 95-110.
- Freiwald, C. 2011. Patterns of population movement at Xunantunich, Cahal Pech, and Baking Pot during the Late and Terminal Classic (AD 600-900). *Research Reports in Belize Archaeology*, 9, 89-100.
- Freiwald, C. 2010. Dietary diversity in the Upper Belize River Valley: Interpreting Late Classic foodways using chemistry and zooarchaeology at Xunantunich. In *Pre-Columbian Foodways: Interdisciplinary Approaches to Food, Feasting, and Festivals in Ancient Mesoamerica*, JE Staller & M Carrasco (Eds), pp. 399-420. Springer Verlag, New York.

Yaeger, J, & C Freiwald. 2009. Complex Ecologies: Human and Animal Responses to Ancient Landscape Change in Central Belize. *Research Reports in Belizean Archaeology*, *8*, 83-92.

Publications in progress

- Freiwald, C, A Rand, S Skaggs, & T Powis. Revised/resubmitted. Understanding 'local': Mobility and diet at Pacbitun using strontium, oxygen, sulfur, carbon, and nitrogen isotope values. *International Journal of Bioarchaeology*.
- Freiwald, C, C Halperin, C Cruz, A Brown. Revised/resubmitted. The Social Lives of Domesticated Animals at the Maya Site of Ucanal, Guatemala. Special edition of *Journal of Environmental Archaeology*.
- Kelmelis, S, J Walden, J, K Green Mink, J Hoggarth, C Ebert, C Freiwald, TB Watkins, VSR Izzo, M Biggie, AE Thompson, RA Guerra, C Warinner, JJ Awe. In revision. Biocultural Taphonomies and Analysis of an Emerging Terminal Classic (AD 750-900) Maya Deathway, special edition *Journal of Archaeological Method and Theory*.
- Manin, A et al. In review. Ancient dog mitogenomes demonstrate the delayed spread of dogs toward South America correlated with the adoption of agriculture. *Proceedings B*.
- Rand, A, & C Freiwald. In review. Reconstructing the isotopic life histories of the Nakum Maya. In Nakum monograph (title pending).
- Hughes, C, J Lindo, T Pugh, C Marshall, R Malhi, KA Miller Wolf, & C Freiwald. In review. Assessing ancestry at San Bernabé: Insights from an ancient DNA feasibility study. In *Colonialism at Tayasal*, *Petén*, *Guatemala*, edited by T Pugh. University of Colorado Press.
- Freiwald, C & Y Shiratori. In review. Changes and continuity in animal use in early Colonial households at San Bernabé, Tayasal, Guatemala. In *Colonialism at Tayasal*, *Petén*, *Guatemala*, edited by T Pugh. University of Colorado Press.
- Goudiaby, H, C Freiwald, J Hiquet, J Sion, & P Nondédéo. Submitted. Historical trajectories and individual lives: Cultural and isotopic approaches to funerary contexts at Naachtun (Guatemala).
- Wrobel, G, C Helmke, C Freiwald, et al. In prep (August). Pook's Hill. Journal TBD.
- Johnson, J, J Shiers, & C Freiwald. In prep (fall 2024). Early Mississippian period Hurricane Landing, MS. Journal TBD.
- Belanich, J, C Freiwald, J Yaeger, K Brown, J Awe, H Jordan, et al. In prep (fall 2024). The DNA of Maya dental health: Bacteria and the oral microbiome. Journal TBD.
- Hoggarth, J, CE Ebert, BJ Culleton, JJ Awe, SFM Breitenbach, C Freiwald, C Helmke, J Walden, RA Guerra, K Green, A McKeown, DJ Kennett. In prep. Dynamics of the Maya collapse in the Belize Valley.

OTHER PUBLISHED WORKS AND MEDIA

Spring 2023 Milk Street Radio podcast

Fall 2022 Behind the Big House video, participant BTBH Final 9-21-22 on Vimeo

Fall 2022 TED Instagram

Fall 2021 Undocumented Migration Project *Hostile Terrain '94* display and yearlong programming April 2021 TED Radio Hour Carolyn Freiwald https://www.npr.org/2021/04/30/992035103/carolyn-freiwald-what-can-our-teeth-tell-us-about-where-we-come-from

Feb. 2021 TED featured talk go.ted.com/carolynfreiwald

Meiggs, DC, & C Freiwald. 2014, 2018. Bioarchaeological approaches to human migration. In *Encyclopedia of Global Archaeology*, edited by A Simon & C Wells, pp. 3583-3545. Springer-Verlag.

Freiwald, C. Archaeological chemistry. 2010. *Imagine* 18(2):18-19. Johns Hopkins University Center for Talented Youth.

Freiwald, C. 2007. Trachte Photo Gallery. http://www.madisonpreservation.org/galleries.

Freiwald, C. 2004. Downtown Madison Loses One Building after Another. Isthmus 3/5/04.

OTHER PUBLICATIONS

- Halperin, Christina T., Carolyn Freiwald, Hugo Roberto Lara Figueroa, and Jean-Baptiste LeMoine Howler Monkeys in Fragmented Forest "Islands" in Southeastern Petén, Guatemala. Revue Verte.
 Online journal by the Department of Anthropology, Université de Montréal.
- 2023 C. Clados (C. Freiwald, editor) https://viewsproject.wordpress.com/2023/12/01/tocapus-history-and-perceptions-of-an-endangered-andean-graphical-communication-system/
- Freiwald, C. 2010. Dietary, Environmental, and Societal Implications of Ancient Maya Animal Use in the Petexbatun: A Zooarchaeological Perspective on the Collapse by Kitty F. Emery. Reviewed in the SAS Bulletin Newsletter for the Society for Archaeological Sciences 33(4):28-29.
- Clados, C, C Freiwald (Ed.). 2004. Reconstructing the Pre-Columbian World.

STUDENT PUBLICATIONS

Craze, A, M Brandon. 2019. Scanning electron microscopy and elemental analysis of clay from the Copperbelt Province of Zambia. *University of Mississippi Undergraduate Research Journal*.

TECHNICAL REPORTS

- Freiwald, C & J Tune. 2023, 2024. IMLS Interim & Final Performance Reports December 2023, June 2024. Submitted to the Institute of Museum and Library Services.
- Freiwald C. 2023. Fauna de Ucanal. In *Proyecto Arqueológico Ucanal: Temporada del Campo Año 2023*, edited by Christina Halperin and José Garrido López. IDAEH, Guatemala City, Guatemala.
- Freiwald, C & M Perry (with N Wilcox & M Murray). 2022. IMLS Interim Performance Report December 2022. Submitted to the Institute of Museum and Library Services.
- Freiwald C. 2023. Los animales de Ucanal: los resultados preliminares. In *Proyecto Arqueológico Ucanal:6ta Temporada del Campo Año 2022*, edited by Christina Halperin and José Garrido López. IDAEH, Guatemala City, Guatemala.
- Freiwald, C (with T Boudreaux). 2021. IMLS Interim Performance Report December 2021. Submitted to the Institute of Museum and Library Services.
- Freiwald, C et al. 2019. Chac II, Becan, Oxkintok, Palenque, Chichen Itza, and Caucel. Submitted to the National Institute of Anthropology and History, Merida, Mexico.
- Freiwald, C. 2019. Xunantunich, San Lorenzo, Buenavista, and Arenal osteology MVPP and MVAP 2018 field report. Submitted to J Yaeger and K Brown, University of Texas at San Antonio.
- Freiwald, C. 2019. Contributor (faunal analysis) to *The Caste War, the San Pedro Maya, and British Honduras* (provisional title). MC Church, JR Yaeger, CA Kray, and RM Leventhal. Colorado University Press.
- Freiwald, C et al. 2019. Reconstructing life histories using DNA and bone chemistry. In *New Salem Cemetery Project*. Center for Archaeological Research (edited by Project PI T Boudreaux).
- Freiwald, C. 2018. *Mobility and diet in the Belize River Valley: A resource guide*. Belize Valley Archaeological Reconnaissance Project, edited by C Ebert and J Hoggarth. https://www.bvar.org.
- Freiwald, C. 2018. New interpretations on mobility and diet at Xunantunich and San Lorenzo. Report submitted to the Mopan Valley Preclassic Project.
- Freiwald, C. 2018. The status of marine shell and other fauna at Actuncan. In *Actuncan Archaeological Project: The 2017 Field Season*, edited by D Mixter. IOA, Belmopan, Belize.
- Freiwald, C. 2018. *Mobility and diet at Chicoloapan Viejo: A preliminary study*. Report submitted to S Clayton, UW-Madison, for the National Science Foundation/INAH, Mexico City, Mexico.
- Freiwald, C, C Dubois-Francoeur, & RA Bigué. 2018. Análisis preliminar de la fauna de Ucanal (Temporada 2016 2017). In *Proyecto Arqueológico Ucanal:3ra Temporada del Campo Año 2017*, edited by Christina Halperin and José Garrido López. IDAEH, Guatemala City, Guatemala.
- Freiwald, C, K Miller, & T Pugh. 2017. ¿Quién está enterrado en la misión San Bernabé? Un estudio de isotópica y biológico de un de las primeras misiones coloniales en el Petén, Guatemala. IDEAH,

- Guatemala City, Guatemala.
- Landau, K. with C Freiwald. 2016. *Maintaining the State: Centralized Power and Ancient Neighborhoods in Copán, Honduras.* PhD dissertation, Department of Anthropology, Northwestern University.
- Patterson, E, & C Freiwald. 2016. *Análisis de isótopos estables: Redes de migración: La Corona muestras exportado en 2013 y 2014*. IDEAH, Guatemala City, Guatemala.
- Freiwald, C. 2016. La fauna de Nixtun Ch'ich'. IDEAH, Guatemala City, Guatemala.
- Patterson, E, & C Freiwald. (2015). *Análisis de isótopos estables: Redes de migración: El Perú-Waka' muestras exportado en 2013 y 2014*. IDEAH, Guatemala City, Guatemala.
- Freiwald, C, with GT Austin & N Billstrand. 2015. Life and death at Actuncan: An examination of burial treatment and taphonomy. In *Actuncan: Report of the 2014 Field Season*, edited by LJ LeCount. IOA, Belmopan, Belize.
- Simova, B, with C Freiwald and N Billstrand 2014. Continuing excavations at Structure 73. In *Actuncan: Report of the 2013 Field Season*, edited by LJ LeCount. IOA, Belmopan, Belize.
- Freiwald, C, & N Billstrand. 2014. Burial 11 in Structure 41 at Actuncan, Belize. In *Actuncan: Report of the 2013 Field Season*, edited by LJ LeCount. IOA, Belmopan, Belize.
- Freiwald, C. 2013. Los recursos lacustres y fluviales de Tayasal y la misión San Bernabé. In *Proyecto Arqueologico Tayasal: Informe presentado al Instituto de Antropología e Historia de la cuarta temporada de investigaciones 2012*, edited by T Pugh. IDEAH, Guatemala City, Guatemala.
- Mixter, D, & C Freiwald. 2013. Excavations at Group 8. In Actuncan: Report of the 2012 Field Season, edited by LJ LeCount. IOA, Belmopan, Belize.
- Freiwald, C, & D Micklin. 2013. Burial practices at Group 1. In Actuncan: Report of the 2012 Field Season, edited by LJ LeCount. IOA, Belmopan, Belize.
- Freiwald, C. 2013. Recording and excavation techniques for comingled burials. In *Actuncan: Report of the 2012 Field Season*, edited by LJ LeCount. IOA, Belmopan, Belize.
- Freiwald, C. 2012. Appendix VI: Human skeletal remains, independent report #5. In *The Integration and Disintegration of Ancient Maya Urban Centres: Charting Households and Community at Buenavista del Cayo, Belize,* pp. 664-668. PhD dissertation by M Peuramaki-Brown, Department of Anthropology, University of Calgary.
- Freiwald, C. 2012. Osteological and contextual analysis of Callar Creek human remains from Structure 14. Report submitted to S. Kurnick for dissertation research.
- Freiwald, C. 2012. Woodland faunal use at 21CP68, Montevideo, MN. Report of 2011 excavations by Great Lakes Archaeological Research Center, edited by J. R. Haas.
- Freiwald, C. 2011. Plains Woodland subsistence strategies at Site 32RY473, Ramsey County, North Dakota. In *Phase III Mitigation for Archaeological Site 32RY473, Ramsey County, North Dakota*, edited by J. R. Haas.
- Freiwald, C. 2012. Actuncan burials: The 2011 field season. In *Actuncan 2011 Field Report*, edited by L LeCount and A Keller. IOA, Belmopan, Belize.
- Freiwald, C. 2011. Cambios y estabilidad en el uso de animales en Tayasal: Resultados iníciales. In *Proyecto Arqueológico Tayasal: informe preliminar presentado al Instituto de Antropología e Historia de Guatemala*, edited by Timothy Pugh. IDAEH, Guatemala City.
- Freiwald, C. 2008. City of Madison Landmark Nomination: Schubert Building (1908). http://legistar.cityofmadison.com/attachments/23fdd85c-6928-4c22-985a-8303f2b7cb2a.pdf.
- Freiwald, C. 2005. City of Madison Landmark Nomination: Suhr Building (1885-1887). http://www.cityofmadison.com/planning/landmark/nominations/166_125StateStreet.pdf.

FELLOWSHIPS, AWARDS, AND GRANTS

- 2024 Southeastern Conference Faculty Travel Grant Vanderbilt University (\$1,500)
- 2024, 2015, 2014 Behind the Big House: 2024 Mississippi Historical Society Excellence in History Award; 2015 Mississippi Humanities Council Preserver of Mississippi Culture Award & Mississippi Historical

Society Award of Merit; 2014 Mississippi Heritage Trust Heritage Award for Preservation Education

2023 Diversity Incentive Fund Award, Behind the Big House excavations (\$1,535)

2023 NAGPRA Consultation/Documentation Grant (\$85,580)

2023 UM Senior Research Faculty Grants for Research and Creative Achievement (\$5,000)

2023 UM Critical Thinking Redesign faculty development grant (\$1,000)

2023 UM ORSP Travel Grant (\$600)

2023 Southeastern Conference Faculty Travel Grant University of Florida Department of Anthropology

2021-2024 Save America's Treasures grant (ST0318001218 2019-2024) management of archaeological

collections and curation. PIs C Freiwald, J Tune (\$500,000 with UM match of \$500,000)

2021-2024 NSF Award 2116597 MRI: Acquisition of an Advanced FTIR Imaging Microscope for Multidisciplinary Research and Training in the State of Mississippi. PIs J Cizdziel, C Freiwald, et al. (\$217,163)

2020 UM Critical Thinking Redesign faculty development (team) grant (\$4,000)

2019 UM College of Liberal Arts Mike L. Edmonds New Scholar Award (\$1,000)

2019 SMBHC summer stipend, Human Mobility course (\$5,000)

2019 Excellence in Community Engagement Award Recipient (\$5,000), PI J Skipper

2016-2018 SSHRC Insight Grant (\$96,632) Cosmopolitanism in the wake of Classic Maya political collapse: Ucanal, Petén, Guatemala. PI C Halperin, Senior Personnel C Freiwald et al.

2018, 2022 UM travel grant (\$700, \$633)

2017 UM Summer Research Grant (\$7,860) DNA of paleopathogens to identify ancient Maya diseases

2015 Hurricane Creek, MS faunal analysis (\$2,491) Co-PI Jay Johnson. Zooarchaeological analysis

2015 UM ORSP Investment Grant (\$4,239) Archaeological chemistry: Migration and trade in Mesoamerica

2015 UM Summer Research Grant (\$9,412) Tayasal, Guatemala analyses of marine fauna

2014 Graduate Women in Science Nell Mondy Fellowship (\$8,525) Migration, diet, and dynasty at the sites of La Corona and El Perú -Waka', Guatemala

2014 OSRP Faculty Travel Support Grant (\$1,500) International Council of Archaeozoology Conference, San Rafael, Argentina

2014 UM Summer Research Grants (\$9,412) Tayasal Archaeological Project changing catchments and culinary patterns before, during, and after the arrival of the Spanish

2013-2014 Southeastern Conference Faculty Travel Grant (\$1,000) University of Florida Department of Anthropology zooarchaeology research and bioarchaeology presentation

2010-2012 NSF Grant #BCS 0917918 Senior Personnel. PI T Pugh Pathways of power and the Colonial process in the Petén, Guatemala

2009-2010 UW-Madison College of Letters and Sciences Teaching Fellow

2009-2010 SDE/GWIS Eloise Gerry Fellowship Sigma Delta Epsilon Graduate Women in Science national research scholarship

2009-2010 UW-Madison Vilas International Travel Award (\$1000)

2008-2009 Ruth Dickie Scholarship UW-Madison Graduate Women in Science research scholarship

2007 Miller Prize in Anthropology, UW-Madison

2006-2009 UW-Madison Anthropology Department Travel Grant

2005 Nave Summer Research Grant, isotopic baseline information Chiapas, Mexico

2003-2005 Foreign Language and Area Studies fellowships (FLAS, Spanish, Yucatec Maya)

STUDENT GRANTS

2024 Stamps Impact Prize, Abigail Johnson (\$1,250)

2019 Graduate Student Research Grant (\$1,000) Rachel Smith, Jacob Harris

2019 Summer Graduate Research Assistantship (\$2,500) Jacob Harris

2016 Summer Graduate Research Assistantship (\$2,500) Stephanie Orsini

2015 Graduate Student Research Grant (\$1,000) Spencer Oliver

2014 Graduate Student Research Grant (\$1,000) Nicholas Billstrand

FIELD PROJECTS (ACTIVE IN 2024)

- 2016-present Mopan Valley Archaeological Project (J Yaeger), Mopan Valley Preclassic Project (MK Brown) Bioarchaeologist, Archaeometry
- 2015-present Proyecto Arqueológico Ucanal (C Halperin) Zooarchaeologist
- 2011-present Actuncan Archaeological Project, Belize (L LeCount) Bioarchaeologist, Archaeometry

INVITED PRESENTATIONS

- 2024 Los animales de Nixtun Ch'ich', San Miguel, Peten, Guatemala (7/12/24)
- 2024 American Institute for Archaeology, invited speaker University of Alabama in Huntsville (3/28-29)
- 2013-2024 University of Wisconsin–Madison Medical School The people and history of Belize
- 2023 Mobile Maya Conference, 12/7-8. Paris, France
- 2022 UM Department of GGE Bertolet Seminar Series Science you can eat (1/31)
- 2019 Departments of Geological Sciences and Anthropology, University of North Carolina at Chapel Hill Isotopes and Archaeology: Migration, trade, and warfare in Mesoamerica (10/9)
- 2019 Department of Anthropology Brown bag talk, UW-Madison Isotopes and Archaeology: Migration, trade, and warfare in Mesoamerica (11/8)
- 2016 Graduate Women in Science National Conference. Senior thesis student poster (A Leavitt, C Freiwald, E Patterson, P Fullagar, D Dettman, TD Price, 6/25)
- 2016 UM/UMMC Research Day 3-minute research presentation (3/6, Jackson, MS)
- 2015 Maya week at The University of Southern Mississippi Migration, culture change, and the arrival of the Spanish in the last independent Maya Kingdom (10/1/15, Hattiesburg, MS)
- 2015 UM-Mississippi State 2nd annual Anthropology Lecture Series *Maya burials and beliefs: Funerary treatment in a Classic Maya household* (3/15, Starkville, MS)
- 2015 Archaeological Institute of America Annual Meeting *Mapping Maya migration networks during the Classic Period* (1/15, New Orleans)
- 2014 Tulane Maya Symposium and Workshop, Middle American Research Institute On the Maya trail: Ancient travelers, epic voyages. *Mapping Maya Migration Networks during the Classic Period* (2/14)
- 2013 Fall 2013 Anthropology Program DCS Sponsored Archaeology Talk CUNY Graduate Center, New York). *Burial customs of the Classic Maya: A 1300-yr-old burial ground at Actuncan, Belize* (10/13)
- 2013 University of Mississippi Department of Sociology and Anthropology Fall Lecture Series *Burial customs of the Classic Maya: A 1300 yr-old household burial ground at Actuncan, Belize* (10/13)
- 2013 Rochester Institute of Technology, Rochester, NY. Maya migration networks: Reconstructing population movement in the Belize River Valley during the Late and Terminal Classic (1/13)
- 2012 Washington University in St. Louis, MO. Maya migration networks: Reconstructing population movement in the Belize River Valley during the Late and Terminal Classic (12/12)
- 2011 University of Mississippi Department of Sociology and Anthropology *Maya migration networks:* Reconstructing population movement in the Belize River Valley (12/11)
- 2011 UW-Madison Department of Anthropology Brown Bag Lecture Series Sitio arqueologico Tayasal: The Itzá Maya, Spanish animals, and archaeology in Guatemala (9/11)
- 2005 Anthrocircle Spring Seminar Madison, WI Reconstructing Classic Maya Animal Use: A Zooarchaeological Study from Belize (4/05)

CONFERENCE PRESENTATIONS

- 2024 Society for American Archaeology (April, 2024) New Orleans, LA. Two papers (one lead), 1 poster.
- 2023 Simposio de Investigaciones Arqueológicas en Guatemala (remote July 2023) Shiratori, Y & C Freiwald *Nixtun Ch'ich' Postclassic fauna*
- 2023 Society for American Archaeology (April, 2023) Portland, OR. Multiple presentations.
- 2022 Simposio de Investigaciones Arqueológicas en Guatemala (July 2022). McNeil et al. Tikal offerings.

- 2022 Society for American Archaeology (April, 2022) Chicago, IL. Multiple presentations.
- 2021 Society for American Archaeology (remote April 2021) Chicoloapan symposium
- 2020 Chicoloapan symposium (Feb. 19-23, Madison, WI)
- 2019 III Simposio Internacional de los Mayas en Japón. Okayama University, Japan (Dec. 10-16, 2019) *Baseline strontium isotope ratios in Mesoamerica* Freiwald, C, TD Price.
- 2019 Archaeology meets archaeometry. Worked Bone Research Group, International Council on Zooarchaeology (Oct. 7-9) Bone tool production at Ucanal, Guatemala. Freiwald, C, C Dubois-Francoeur, J Harris, C Halperin
- 2019 Early Urbanism, Land Use, and Community Life: Archaeological and Paleoenvironmental Research at Chicoloapan symposium (May 5-12, Paris, France) *Epiclassic diet and origin at Chicoloapan Viejo*. Freiwald, C, S Weeden
- 2019 Society for American Archaeology, Albuquerque, NM. Freiwald, C Crossing Borders (session coorganizer) What Isotope Geochemistry Reveals about the Ancient Maya; Dani-Flynn, Y, K Miller Wolf, C Halperin, C Freiwald Isotopic Analysis and Social Identities from Classic Period (ca. 300900 CE) Burials at the Maya Site of Ucanal, Petén, Guatemala; Lytle, W, R Horowitz, C Freiwald and MK Brown Ritual Deposits within the Eastern Pyramidal Structure at Group D, Xunantunich Belize; The Undiscussed Paperwork of Archaeology: Applications, Waivers, and Contracts
- 2018 Bioarchaeology Symposium, Universidad autonima de Yucatan (Oct. 30-Nov. 4, Merida, Mexico) Freiwald C. *Esmalte, huesos, e isotopos: estudios en la química arqueología*
- 2018 Belize Archaeology Symposium (June 26-29, San Ignacio, Belize) Freiwald et al. *Mobility and Molecules among the Maya of the Belize Valley:New Techniques, New Knowledge, and New Directions*
- 2018 Society for American Archaeology annual meeting (April 2018, Washington, DC) Alsgaard et al. Hunter Gatherer Archaeology, Freiwald et al. Palimpsest urbanism, Ebert et al. Using Stable Isotopes to Explore Ancient Farming and Herding Practices, Patterson, E, C Freiwald, La Corona Archaeological Project
- 2017 South Central Maya Conference (October 2017, New Orleans, LA) *The Biogeochemistry of San Bernabe* (with K Miller Wolf).
- 2017 Society for American Archaeology annual meeting (March 2017, Vancouver, BC) Session organizer (with K Miller Wolf) *Curating the Past: The Practice and Ethics of Skeletal Conservation*. Paper presented (with L Halverson) *A step-by-step guide to excavating burials, or how a bioarchaeologist can be in two (or three) places at once.*
- 2016 Society for American Archaeology annual meeting (April 2016, Orlando, FL) Freiwald, C, T Pugh. Strontium isotope values for early Colonial cows at San Bernabé, a Spanish mission in the Petén Lakes region of Guatemala. Patterson, E, and C Freiwald. Mobility in the central Maya lowlands: Strontium, oxygen, and carbon isotope values from La Corona and El Perú-Waka'. Orsini, S, C Freiwald, K Prufer. Changing Food Choices from Paleoindian to Classic Maya Periods: A zooarchaeological analysis. Austin, TG, C Freiwald, H Niles, T Pugh. Animal Use at Nixtun-Ch'ich': Preclassic Canids, Postclassic Crocodiles, and Contact Period Cows
- 2015 Intercontinental Conference of the Americas (July 2015, San Salvador) *Identity and Migration in the Belize Valley during the Classic and Postclassic Periods.* J Hoggarth, C Freiwald, J Awe
- 2015 Simposio de Investigaciones Arqueológicas en Guatemala (July 2015, Guatemala City) Patterson, E, C Freiwald. *Migraciones regionales en las Tierras Bajas Centrales: nuevos valores de isótopos de estroncio en La Corona y El Perú-Waka*'.
- 2015 Society for American Archaeology annual meeting (April 2015, San Francisco, CA) Freiwald, C, K Miller, T Pugh. *The effect of missionization on the Itza Maya from isotopic and biodistance evidence.*
- 2015 The Midwest Conference on Mesoamerican Archaeology and Ethnohistory (March 2015, Murfreesboro, TN) *Burial practices in the Americas: Funerary treatment and taphonomy in a Classic Maya household.*

- 2014 12th International Council on Archaeozoology (Sept. 2014, San Rafael, Argentina) Freiwald, C, MK Brown. *Preclassic Animal Use at Blackman Eddy, Belize*
- 2014 Society for American Archaeology annual meeting (April 2014, Austin, TX) Classic to Postclassic Household and Community Dynamics at Baking Pot, Belize (Hoggarth, J, C Freiwald, A Novotny, J Awe); Mobility and Migration over Mesoamerica in Classic and Postclassic Times (Freiwald, C, K Miller, TD Price, J Burton, P Fullagar, C Wells); Recent Work at Nixtun Ch'ich' and Tayasal, Peten, Guatemala (Shiratori, Y, C Freiwald, T Pugh)
- 2013 American Anthropological Association annual meeting (Nov. 2013, Chicago) *The meaning of Maya migration: Bone chemistry and burial treatment in the eastern lowlands.*
- 2013 Belize Archaeology and Anthropology Symposium (July 2013, San Ignacio, Belize) *An Actuncan burial ground: A biocultural analysis of funerary treatment and taphonomy.*
- 2013 Society for American Archaeology annual meeting (April 2013, Honolulu, HI) *Urban and rural population movement patterns during the Late and Terminal Classic in the Belize River Valley.*
- 2013 American Chemical Society national meeting (April 2013, New Orleans, LA) Miller, K, C Freiwald, identifying ancient population movement in Honduras using strontium and oxygen isotopes: New values and interpretations.
- 2012 Society for American Archaeology annual meeting (April 2012, Memphis) Freiwald, C, S Ambrose. *Adult and childhood diet in the Belize River Valley: Classic Maya dietary differences seen through isotope assays.*
- 2011 Society for American Archaeology annual meeting (April 2011, Sacramento) Freiwald, C, J Yaeger, J Awe, C Helmke, J Garber, J Piehl. *Local nobility, imported ceramics: Isotopic insights into mortuary treatment and political authority in the UBRV*.
- 2010 American Anthropological Association annual meeting (Nov. 2010, New Orleans) Reconstructing population movement in the Belize River Valley during the Late and Terminal Classic: An isotopic and contextual model of Ancient Maya migration.
- 2010 11th International Council for Zooarchaeology (Aug. 2010, Paris) Freiwald, C, J Yaeger, TD Price, JH Burton. *Late Classic Maya resource management: A case study from the Belize River Valley; Zooarchaeology in modern settings: The life and death of the Galapagos Sea Lion (Z. wollebaeki)*. Poster, with EE Pilleart
- 2010 Belize Archaeology Symposium (July 2010, Belize City) Population movement in the Belize River Valley: An isotopic analysis of migration and its meaning among the Late Classic Maya.
- 2010 Central States Anthropological Society (March 2010, Madison, WI) *Identity and population movement* in the Belize River Valley: A contextual and isotopic analysis of migration and its meaning among the Late Classic Maya
- 2010 Society for American Archaeology annual meeting (April 2009, Atlanta) *Identity and the non-local population of Xunantunich, Belize: A Contextual Isotopic Analysis*
- 2009 Belize Archaeology Symposium (July 2008, Belize City) Complex ecologies: Human and animal response to ancient change in central Belize. Co-author J. Yaeger
- 2008 Society for American Archaeology annual meeting (March 2008, Vancouver) Poster session: *Classic Maya migration networks: Methods for studying population movement in Belize.* Co-author TD Price
- 2007 Chacmool Conference (Nov. 2007, University of Calgary) Mobile Maya Menus: Complications in Interpreting Classic Period Diet
- 2007 Society for American Archaeology annual meeting (April 2007, Austin) *Identifying* environmental and hunting practices in the Upper Belize River Valley
- 2007 Midwest Mesoamerican Conference (March 2007, Chicago) Colonialism and integration: A zooarchaeological analysis of the subsistence practices of the San Pedro Maya
- 2006 International Council for Zooarchaeology (August 2006, Mexico City) Interpreting missing patterns: Maya Zooarchaeology from Xunantunich, Belize; Identifying environmental and hunting practices at San Lorenzo, Belize using strontium, carbon, and oxygen isotopes (with co-author J Yaeger)

2005 Midwest Mesoamerican Conference (March 2005, Bloomington, IN) An interpretation of faunal remains at Group B, Xunantunich: A preliminary report

CURRICULUM

ANTH 101 Intro to Anthropology ANTH 304 Intro to Bioanthropology

ANTH 405/630 Human Osteology Archaeology

ANTH 3XX Forensic Anthropology ANTH 351 Human Mobility: Studies in Migration

ANTH 3XX Archaeological Forensic Chemistry ANTH 604/605 Professional Development

ANTH 320 Archaeozoology Seminars

ANTH 326 Archaeology of Maya Civilization

ANTH 607 Intro to Biocultural Anthropology

ANTH 344/644 Stones and Drones: Science in ANTH 609 Graduate Research Methods

STUDENT ADVISING

PH.D. CO-SUPERVISOR

Memorial University, Newfoundland: Co-supervisor Asta Rand (2021) *Modeling a Sulfur Baseline in Mesoamerica for Diet and Migration*

University of Texas at San Antonio: Committee member Whitney Lytle (2020)

Washington University: Committee member Diana Fridberg (2015)

UNIVERSITY OF MISSISSIPPI MA ADVISOR

Kasey Corey (expected 2025) Health and Migration at Lower Dover, Belize

Nikki Wilcox (2023) Bioarchaeology of Childhood, Ambergris Caye, Belize

Rachel Smith (2020) Isotopic Analysis of Human Migration among the Ancient Maya of Ambergris Caye, Belize

Jacob Harris (2020) Maya Bone Tool Technologies at Ucanal, Guatemala

Caitlin Stewart (2019) Minimum Number of Individuals: A Methodological Comparison using Human Remains from Caves Branch Rockshelter in the Cayo District of Belize

Stephanie Orsini (2016) Paleoindian to Postclassic Zooarchaeological Analysis of Bladen, Belize Faunal Assemblage

Nicholas Billstrand (2016) Linearly Stressed to Death: Early Childhood Stress as a

Contributor to Regional Variability in Late and Terminal Classic Maya Mortuary Profiles

Morgan Isaacs (2016) Dating Techniques at Caves Branch, Belize

Hanna Stewart (2014) From the Mouths of Mississippians: Determining Biological Affinity between the Oliver Site (22-Co-503) and the Hollywood Site (22-Tu-500)

Whitney Broughton (2014) Childhood Growth in an Oneota Community: Examining Long Bone Growth Differences in the Juveniles at Norris Farms 36

University of Mississippi MA committee: Cal McGehee (2023), Raychel Durdin (2021), Daniel Shawl (2021), Paul Martin (August 2015)

Trent University MA committee: Olivia Molica-Lazzaro (2023), Arianne Boileau (2014)

University of Texas at Arlington MA committee: Destiny Micklin (May 2015)

HONORS COLLEGE UNDERGRADUATE THESIS ADVISOR

Camille Kelly (2024) Dental Modification among the Classic Maya of Chac Balam and San Juan, Ambergris Caye, Belize

Antosia Briggs (2023) Historical Archaeology: The Chalmer's Institute, Mississippi's First University Kaitlyn Cash (2023) Aging an Ancient Maya Population from Actuncan, Belize using Dental X-Rays Natalie Clark (2022) Stature estimates of the Classic Period Maya from Ambergris Caye, Belize Skyler McCoy (2020) aDNA of the ancient Maya microbiome at Xunantunich and San Lorenzo, Belize

Sloan Weeden (2020) Epiclassic Mobility and Diet at Chicoloapan Viejo, Valley of Mexico

Honors Thesis committee: Alexandra Gochenauer (2017), Monalisa Heng, MyKayla Williamson, Sara Grevy, Cedric Cornelius Jr., Kanazsha Cooper (2022)

FORENSIC CHEMISTRY UNDERGRADUATE PROJECTS

Natalee Medders, Avery McNeil, Abby Johnson (2024-2026)

Catherine Becker (2024) Application of Forensic Dental Radiography to Archaeological Samples for Age Determination

Emma Routier (2024) Establishing Preservation Status of Ancient Tooth Enamel from Ambergris Caye using Bioapatite Preservation Indicators and ATR-FTIR

Emilie Mai (2024) Migration Tales and Teeth

Ann Marie Brown (2023) Age estimation of archaeological Maya dogs using pulp cavity closure ratios Kristin Jerich (2023) Forensic use of water and oxygen isotopes in Colombia

Eden Irwin (2023) Archaeological age-at-death assessment using X-Ray technologies at Chicoloapan Viejo, Mexico

Lexi Obman (2022, committee) DNA extraction modern canids

Brody Borden (2022) Oxygen isotope applications for forensic cases, Jalisco, Mexico

Guinnivere Gruber (2021) Analysis of Salts using Powder X-ray Diffraction

Nicolas Martini (2021) Analysis of Edible Clay Using X-ray Diffraction (XRD)

Arieana Mareasno (2021) Chemical Analysis of Middle Eastern Edible Clays using X-Ray Diffraction

Jacob Himmelreich (2021) Chemical Analysis of Southern U.S. Clays used in Geophagy, By XRD

Kathleen Hutchcraft (2021) Chemical Analysis of Edible Clays by X-Ray Diffraction

Kathryn Baxter (2021) Edible clays of Africa and Mississippi

Mina Brandon (2020) Compound Analysis of Edible Clays via X-ray Diffraction

Amelia Craze (2019) Application of EPA Method 1340A: Bioavailability of Lead in Sample of Clay Marketed for Consumption

Rebecca Pfeiffer (2017) Isotope Geochemistry of Maya Dogs

Acacia Leavitt (2016) Identifying Migration Using Elemental and Isotopic Variables from El Perú-Waka' and La Corona, Guatemala

Shelby Hilton (2016) Finding Patterns of Migration from Elemental Analysis of Tooth Enamel

Jasmine Cross (2016) Isotopic and Elemental Analysis of Tooth Enamel at Cahal Pech, Belize

Lindsay Brown and Kendall Wontor (2016) *Developing a Method of RNA Extraction in Teeth* for the Purpose of Sex Determination, with Dr. Murrell Godfrey

Heidi Witteveen (2014) Modern and Ancient DNA Techniques: Extracting DNA from Actuncan, Belize Tooth Dentin, with Dr. Murrell Godfrey

Melissa Quartarone (2014) The Potential uses for Trace Element Analysis of Tooth Enamel in Past Populations

PROFESSIONAL SERVICE

April 2018-present Behind the Big House excavations, Holly Springs, MS

Spring 2023 SSHRC Doctoral award review committee

Spring 2022 Lamar Hall stone tool production display

Sept-Oct 2020 Migrants in the Mid-South. University of Mississippi library display

Sept. 2020 Archaeological Science: Our Teeth Tell (Migration) Tales. Science Café, with L O'Donnell

Oct. 2020 Hispanic Heritage Month Celebration: A showcase of research presentations

Feb. 2020 TEDx University of Mississippi Speaker The Story of Human Migration: Your Life in a Tooth

April 2019 Sheegog Plantation tour/history of slavery tour development

April 2018 Campus tour/history of slavery with Leigh McWhite and Andrew Marion

April 2018-19 Slave Dwelling Project sleepover at Rowan Oak, with Joseph McGill

Oct. 2017 This is your life, in a tooth. Science Café, Oxford, MS.

Oct. 2017 Campus Twilight Tour, University of Mississippi library and historic architecture tour

Sept. 2017 Angela Dassow (Carthage College) Memphis Zoo research trip and campus event

Feb. 2017 Maya Week, A Tokovinine (Univ. of Alabama), K Miller Wolf, M Wolf (East Indiana Univ.)

Feb. 2016 UM Slavery Research Group Joseph McGill campus visit
Spring 2016 Reviews for Graduate Women in Science and UM ORSP IG Round 2 research grants
Nov. 2015 Drs. Zachary Throckmorton (LUM) and Juliet Brophy (LSU) Meet *Homo naledi*2009-2010 Graduate Women in Science, UW-Madison Beta Chapter Scholarship seminar competition
2005-2008 UW-Madison Zoological Museum, Zooarchaeology instructor and collections staff
2004-2005 Geology Museum, University of Wisconsin–Madison, volunteer
2002-2003 Anthropology Brown Bag lunch series lecture co-organizer

NON-ACADEMIC PROFESSIONAL EXPERIENCE

1998-2011 Deloitte Consulting/Probys Solutions, Software testing manager 1995-1997 State of Wisconsin, Public assistance program policy and software specialist 1990-1995 Dane County Human Services, Public assistance case worker

PROFESSIONAL MEMBERSHIPS

Society for American Archaeology (SAA), International Council for Archaeozoology (ICAZ)