

**Gabriel D. G. Wrobel**

**CURRICULUM VITAE**

Department of Anthropology Michigan State University  
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**Current Positions.**

Associate Professor of Anthropology, Department of Anthropology, Michigan State University.  
January 2012 - present.

Director, Central Belize Archaeological Survey Project, Belize. May 2009 - present.

Director, Michigan State University Bioarchaeology Laboratory. January 2012 – present.

**Education.**

Ph.D., Department of Anthropology, Indiana University, Bloomington, February 2004.

Dissertation: “Metric and Nonmetric Dental Variation Among the Ancient Maya of Northern Belize.” Dissertation advisor: Dr. Della C. Cook

Bachelor of Science, Anthropology, Emory University, December 1993. Undergraduate mentor:  
Dr. George Armelagos

Associate of Arts, Oxford College of Emory University, 1991.

**Publications.**

Journal articles *blind peer-reviewed*

Mark Collard, Sally Wasef, Shaun Adams, Kirsty Wright, R. John Mitchell, Joanne L. Wright, **Gabriel Wrobel**, Nano Nagle, Adrian Miller, Rachel Wood, Timothy J. Pietsch, Sheila Van Holst Pellekaan, Clarence Flinders, & Michael C. Westaway (2019) Giving It a Burl: Towards the Integration of Genetics, Isotope Chemistry, and Osteoarchaeology in Cape York, Tropical North Queensland, Australia. *World Archaeology* <https://doi.org/10.1080/00438243.2019.1686418>

**Wrobel, Gabriel D.**, Christophe Helmke, Sherry Gibbs, George J. Micheletti, Norbert Stanchly, & Terry Powis (2019) Two Trophy Skulls from Pacbitun, Belize. *Latin American Antiquity* 30(1): 218-223. <https://doi.org/10.1017/laq.2019.1>

**Wrobel, Gabriel D.**, Jack Biggs, & Amy Hair (2019) Digital Modeling for Bioarchaeologists. *Advances in Archaeological Practice* 7(1): 47-54. <https://doi.org/10.1017/aap.2018.47>

- Wrobel, Gabriel D.**, and Jack Biggs (2018) Osteophagous Insect Damage on Human Bone from Je'reftheel, a Maya Mortuary Cave Site in West-Central Belize. *International Journal of Osteoarchaeology* 28(6): 745-756. <https://doi.org/10.1002/oa.2700>
- Wrobel, Gabriel D.**, Carolyn Freiwald, Amy Michael, Christophe Helmke, Jaime J. Awe, Douglas J. Kennett, Sherry Gibbs, Josalyn M. Ferguson, & Cameron Griffith (2017) Social Identity and Geographic Origin of Maya Burials at Actun Uayazba Kab, Roaring Creek Valley, Belize. *Journal of Anthropological Archaeology* 45: 98-114. <https://doi.org/10.1016/j.jaa.2016.11.004>
- Andres, Christopher, Christophe Helmke, Shawn Morton, & **Gabriel D. Wrobel** (2017) Two Classic Maya Ballplayer Panels from Tipan Chen Uitz, Belize. *Antiquity* 91(359): 1285-1298. <https://doi.org/10.15184/aqy.2017.85>
- Helmke, Christophe, Christopher R. Andres, Shawn G. Morton, & **Gabriel D. Wrobel** (2015) For Love of the Game: The Ballplayer Panels of Tipan Chen Uitz in Light of Late Classic Athletic Hegemony. *The PARI Journal: A Quarterly Publication of the Pre-Columbian Art Research Institute* 16(2): 1-30. <http://www.mesoweb.com/pari/journal/archive/PARI1602.pdf>
- Stemp, W. James, **Gabriel D. Wrobel**, Jessica Haley, & Jaime J. Awe (2015) Ancient Maya Stone Tools and Ritual Use of Deep Valley Rockshelter, Belize. *Journal of Cave and Karst Studies* 77(1): 1-11. <https://doi.org/10.4311/2012AN0271>
- Wrobel, Gabriel D.** (2014) A Likely Case of Scurvy in a Rural Early Classic Maya Burial from Uayazba Kab Rockshelter, Belize. *American Journal of Physical Anthropology* 155(3): 476-81. <https://doi.org/10.1002/ajpa.22592>
- Andres, Christopher, Christophe G. B. Helmke, Shawn G. Morton, **Gabriel D. Wrobel**, & Jason J. González (2014) Contextualizing the Glyphic Texts of Tipan Chen Uitz, Cayo District, Belize. *Latin American Antiquity* 25(1): 46-64. <https://doi.org/10.7183/1045-6635.25.1.46>
- Wrobel, Gabriel D.**, Rebecca Shelton, Shawn Morton, Joshua Lynch, & Christopher Andres (2013) The View of Maya Mortuary Cave Ritual from Overlook Rockshelter (OVR), Caves Branch River Valley, Central Belize. *Journal of Cave and Karst Studies* 75(2): 126-135. <https://doi.org/10.4311/2011AN0233>
- Stemp, W. James, **Gabriel D. Wrobel**, Jaime J. Awe, & Kelly M. Payeur (2013) Stir It Up, Little Darlin': The Chipped Stone from Mixed Deposits from Caves Branch Rockshelter, Belize. *Canadian Journal of Archaeology* 37(1): 123-167.
- Wrobel, Gabriel D.**, Christophe Helmke, Lenna Nash, & Jaime Awe (2012) Polydactyly and the Maya: A Review and an Example from the Site of Peligroso, Upper Macal Valley, Belize. *Ancient Mesoamerica* 23(1): 131-142. <https://doi.org/10.1017/S0956536112000090>
- Andres, Christopher R., **Gabriel D. Wrobel**, & Shawn G. Morton (2010) Tipan Chen Uitz ("Fortress Mountain Well"): A Major "New" Maya Center in the Cayo District, Belize. *Mexicon* 32: 88-94.

Metcalfe, Jessica Z., Christine D. White, Fred J. Longstaffe, **Gabriel Wrobel**, & Della Collins Cook (2009) Isotopic Evidence for Diet at Chau Hiix, Belize: Testing Regional Models of Hierarchy and Heterarchy. *Latin American Antiquity* 20(1): 15-36.  
<https://doi.org/10.1017/S1045663500002492>

Danforth, Marie Elaine, **Gabriel Wrobel**, David Swanson, & Carl Armstrong (2009) Juvenile Age Estimation Using Diaphyseal Long Bone Lengths Among Ancient Maya Populations. *Latin American Antiquity* 20(1): 3-14. <https://doi.org/10.1017/S1045663500002480>

**Wrobel, Gabriel** (2007) Issues Related to Determining Burial Chronology by Fluoride Analysis of Bone from the Maya Archaeological Site of Chau Hiix, Belize. *Archaeometry* 49(4): 699-711. <https://doi.org/10.1111/j.1475-4754.2007.00330.x>

Cucina, Andrea, Vera Tiesler, & **Gabriel D. Wrobel** (2005) Afinidades Biológicas y Dinámicas Poblacionales Mayas Desde El Preclásico Hasta El Periodo Colonial. *Los Investigadores de la Cultura Maya* 13, Tomo 2: 560-567.

**Wrobel, Gabriel**, Marie Danforth, & Carl Armstrong (2002) Estimating Sex of Maya Skeletons by Discriminant Function Analysis of Long Bone Measurements from the Protohistoric Maya Site of Tipu, Belize. *Ancient Mesoamerica* 13: 255-263.  
<https://doi.org/10.1017/S0956536102132044>

#### Books

**Wrobel, Gabriel D.**, editor (2014) *The Bioarchaeology of Space and Place: Ideology, Power and Meaning in Maya Mortuary Contexts*. New York: Springer Press.  
<https://doi.org/10.1007/978-1-4939-0479-2>

\*reviewed by Danielle Kurin (2015) *Journal of Anthropological Research* 71(4): 592-3.

#### Book Chapters (peer-reviewed)

**Wrobel, Gabriel D.** (2018) Contexto y Significados De La Modificación Craneana En Belice Central: Interpretando Las Variaciones Entre Los Esqueletos Hallados En Cuevas Y Abrigos Rocosos. In *Modificaciones Cefálicas Culturales en Mesoamérica. Una Perspectiva Continental*, edited by Vera Tiesler & Carlos Serrano Sánchez, pp. 559-585. Universidad Nacional Autónoma de México and Universidad Autónoma de Yucatán, México.

Michael, Amy R., **Gabriel D. Wrobel**, & Jack Biggs (2018) Understanding Late Classic Maya Mortuary Ritual in Caves: Dental Evidence of Health from Macro- and Microscopic Defects and Caries. In *Bioarchaeology of Pre-Columbian Mesoamerica: An Interdisciplinary Approach*, edited by Cathy Willermet & Andrea Cucina, pp. 133-158. University of Florida Press, Gainesville.  
<https://florida.universitypressscholarship.com/view/10.5744/florida/9780813056005.001.0001/upso-9780813056005-chapter-006>

**Wrobel, Gabriel D.**, & Elizabeth Graham (2015) The Buk Phase Burials of Belize: Testing Genetic Relatedness among Early Postclassic Groups in Northern Belize using Dental Morphology. In *Archaeology and Bioarchaeology of Population Movement among the Prehispanic Maya*, edited by Andrea Cucina, pp. 85-95. Springer Press, Cham.

[https://doi.org/10.1007/978-3-319-10858-2\\_8](https://doi.org/10.1007/978-3-319-10858-2_8)

Morton, Shawn G., Christopher R. Andres, & **Gabriel D. Wrobel** (2014) A Brief Flame Among the Embers: The florescence of a 'frontier' polity during the Classic Period collapse. In *Climates of Change: The Shifting Environment of Archaeology, Proceedings of the 44th Annual Chacmool Conference*, edited by Sheila Kulyk, Cara G. Tremain & Madeleine Sawyer, pp. 163-176. Chacmool Archaeological Association, University of Calgary, Calgary.

**Wrobel, Gabriel D.** (2014) Introduction. In *The Bioarchaeology of Space and Place: Ideology, Power and Meaning in Maya Mortuary Contexts*, edited by Gabriel D. Wrobel, pp. 1-14. New York: Springer Press. [https://doi.org/10.1007/978-1-4939-0479-2\\_1](https://doi.org/10.1007/978-1-4939-0479-2_1)

**Wrobel, Gabriel D.**, Christophe G. B. Helmke, & Carolyn Freiwald (2014) A Case Study of Funerary Cave Use from Je'reftheel, Central Belize. In *The Bioarchaeology of Space and Place: Ideology, Power and Meaning in Maya Mortuary Contexts*, edited by Gabriel D. Wrobel, pp. 77-106. New York: Springer Press. [https://doi.org/10.1007/978-1-4939-0479-2\\_4](https://doi.org/10.1007/978-1-4939-0479-2_4)

**Wrobel, Gabriel** & Elizabeth Graham (2013) Los entierros de la fase Buk en Belice: comprobando las relaciones genéticas entre grupos del Posclásico Temprano en Belice a través de la morfología dental. In *Afinidades Biológicas y Dinámicas Poblacionales entre los Antiguos Mayas: Una Visión Multidisciplinaria*, edited by Andrea Cucina, pp. 19-38. Universidad Autónoma de Yucatán Press, Mérida.

Helmke, Christophe G. B., & **Gabriel D. Wrobel** (2012) Je'reftheel, Roaring Creek Works, Belize. In *Heart of Earth: Studies in Maya Ritual Cave Use*, edited by James E. Brady, pp. 69-81. Bulletin 23, Association for Mexican Cave Studies, Austin.

**Wrobel, Gabriel D.** (2012) Mortuary Evidence for Maya Political Resistance and Religious Syncretism in Colonial Belize. In *The Bioarchaeology of Individuals*, edited by Ann L. Stodder & Ann M. Palkovich, pp. 68-82. University Press of Florida, Gainesville. <https://doi.org/10.5744/florida/9780813038070.003.0005>

Danforth, Marie Elaine, Keith P. Jacobi, **Gabriel D. Wrobel**, & Sara Glassman (2007) Health and the Transition to Horticulture in the South Central U.S. In *Ancient Health: Skeletal Indicators of Economic and Political Intensification*, edited by M. N. Cohen & G. Crane-Kramer, pp. 65-79. University of Florida Press, Gainesville.

**Wrobel, Gabriel** (2004) The Benefits of an Archaeology of Gender for Predynastic Egypt. In *Ungendering Civilization*, edited by K. A. Pyburn, pp. 156-178. New York: Routledge Press. <https://doi.org/10.4324/9780203501184>

#### Editor Reviewed Articles

Morton, Shawn, Christopher Andres, & **Gabriel Wrobel** (2019) The Centre on the Edge: Polity Development on the Frontier of the Belize Valley. *Research Reports in Belizean Archaeology* 16: 201-209.

**Wrobel, Gabriel D.**, Amy Michael, Jack Biggs, Christophe Helmke, Shawn Morton, & Christopher Andres (2017) Project Gallery: Mortuary Landscapes of the Maya of Central Belize. *Antiquity* 91(358). <http://dx.doi.org/10.15184/aqy.2017.103>

**Wrobel, Gabriel D.**, Shawn Morton, Amy R. Michael, Jack Biggs, & Christopher Andres (2017) The Current State of Research on Ancient Maya Rockshelter Use in Central Belize. *Research Reports in Belizean Archaeology* 14: 311-320.\*

Shawn Morton, **Gabriel Wrobel**, Christopher Andres, Christophe Helmke, & Amy Michael (2016) The First Five Years of the Central Belize Archaeological Survey – Political and Economic Development. *Research Reports in Belizean Archaeology* 13: 149-159.\*

Morton, Shawn Gregory, Mari Isa, & **Gabriel Wrobel** (2015) Caves Were the Houses of the Earth Lord, Right?: Insight into the Domestic Economy of Central Belize from the Cave Context. *Research Reports in Belizean Archaeology* 12: 107-114.\*

**Wrobel, Gabriel D.**, Christopher R. Andres, Shawn G. Morton, Rebecca Shelton, Amy Michael, & Christophe Helmke (2012) Ritual Landscapes of the Caves Branch River Valley. *Research Reports in Belizean Archaeology* 9: 233-244. \*

Andres, Christopher R., **Gabriel D. Wrobel**, Jason J. Gonzalez, Shawn G. Morton, & Rebecca Shelton (2011) Power and Status in Central Belize: Insights from the Caves Branch Archaeological Survey Project's 2010 Field Season. *Research Reports in Belizean Archaeology* 8: 101-113. \*

**Wrobel, Gabriel D.**, Shawn G. Morton, & Christopher R. Andres (2010) An Introduction to the First Season of the Caves Branch Archaeological Survey. *Research Reports in Belizean Archaeology* 7: 73-84. \*

**Wrobel, Gabriel D.**, Jillian Jordan, & Jessica Hardy (2009) Social and Political Transformations in the Caves Branch River Valley: Evidence from Natural and Constructed Ritual Environments. *Research Reports in Belizean Archaeology* 6: 199-207. \*

**Wrobel, Gabriel D.**, James Tyler, & Jessica Hardy (2007) Rockshelter Excavations in the Caves Branch River Valley. *Research Reports in Belizean Archaeology* 4: 187-196. \*

\*RRBA is an annual journal published by the Belize Institute of Archaeology, and serves as the Proceedings of the Belize Archaeology Symposium. Submissions are peer reviewed by an editorial board consisting of Belizean and international researchers.

#### Submitted Articles Pending Acceptance or Publication

**Wrobel, Gabriel D.** (under review) 3D Digitization and Analysis of Human Skeletal Remains for Mesoamerican Bioarchaeology. In *The Routledge Handbook of Mesoamerican Bioarchaeology*, edited by Vera Tiesler. Routledge Press. Submitted Feb 2020.

**Wrobel, Gabriel D.**, and Raúl Alejandro López Pérez (under review) The Earliest Human Skeletons from the Maya Lowlands: A Review and Inventory. In *Dawn in the Land of the*

*Jaguar: From the Paleoindian to the First Ceramic Populations in the Central Maya Lowland*, edited by James Stemp and Jaime Awe. University Press of Colorado. Submitted Oct2019.

Michael C. Westaway, Doug Williams, Kelsey M. Lowe, Nathan Wright, Joshua Gorringer, Ray Kerkhov, Jennifer Silcock, Justyna Miskiewicz, Shaun Adams, **Gabriel Wrobel**, Justine Kemp, Richard Adams, Rachel Wood, Tiina Manne, Tony Miscamble, Brooke Hendry, Betty Gorringer, Shawnee Gorringer, Peter Hiscock and Mark Collard (under review) Hidden In Plain Sight: First systematic fieldwork in Mithaka Country, Southwest Queensland, reveals an extensive archaeological landscape. Submitted to *Antiquity*, May 2020.

## **Grants.**

### External

Rust Family Foundation (2018) Principal Investigator, with Jack Biggs (Co-PI) and Katie Miller Wolf (Co-PI). The Maya Cranial Photogrammetry Initiative: Digital Preservation of Skeletons from Copan, Honduras. \$4,090 awarded March 2018.

Alphawood Foundation (2017) Principal Investigator, with Ethan Watrall (Co-PI). Belize Archaeology Digital Repository, Phase 1. \$25,000 awarded December 2017.

FAMSI (Foundation for the Advancement of Mesoamerican Studies, Inc.) General Research Grant (#07090). January 2007. A Proposal for Securing a Temporal Context for the Caves Branch Rockshelter, \$9,450.

FAMSI (Foundation for the Advancement of Mesoamerican Studies, Inc.) General Research Grant (#01081). January 2002. New Standards for Determining Sex from Fragmentary Maya Skeletal Remains, \$3,310.

Sigma Xi Grant-in-Aid of Research. December 2001. Testing models of Postclassic Maya migration models at Seibal and Barton Ramie: an analysis utilizing dental metric and non-metric traits.

### Internal

MSU College of Social Science Faculty Initiative Fellowship. May 2017. The Peopling of Papua New Guinea Project: Cranial Morphology. \$5030.

Provost Undergraduate Research Initiative. Received ten awards during 2012-present supporting undergraduate research in the MSU Bioarchaeology Lab (\$2000/each).

University of Mississippi College of Liberal Arts Summer Research Grant. October 2007. Maya Osteological Database Program.

University of Mississippi Office of Research and Sponsored Programs Faculty Travel Grant. September 2005. Funded travel to Fayetteville, AR to acquire two Maya archaeological skeletal collections for the Ole Miss anthropology teaching and research lab.

University of Mississippi Office of Research and Sponsored Programs Faculty Travel Grants. September 2004, September 2005, September 2006. Funded trips to Belize in December 2004, January 2006, and January 2007 needed to set up logistics of summer research program.

University of Mississippi Office of Research and Sponsored Programs Faculty Research Grants. December 2004. December 2005. December 2006. Biological Investigations at Caves Branch Rock Shelter, Belize.

Indiana-Purdue University at Columbus Associate Faculty Development Grant. April 2000.

RUGS President's Summer Undergraduate Research Initiative Grant. Summer 2000. Funded research to develop a method of dating archaeological bone by measuring relative fluoride concentrations. Four undergraduates participated in the study and the results were presented at the Indiana Academy of Sciences meetings.

Department of Anthropology Summer Fieldwork Support Award. Summer 1996. Funded preliminary dissertation research at Chau Hiix, Belize.

Department of Anthropology Graduate Student Travel Grants. Spring 1998, 1999, 2000, 2001, 2002. Supplemented travel expenses to professional meetings.

### **Reviews, Comments, Media.**

Charlotte Roberts, **Gabriel D. Wrobel**, and Michael Westaway (2020) [What the archaeological record reveals about epidemics throughout history – and the human response to them](#). *The Conversation*. 15 June 2020.

-has received over 100,000 reads worldwide.

**Wrobel, Gabriel D.** (2019) [Trophies made from human skulls hint at regional conflicts around the time of Maya civilization's mysterious collapse](#). *The Conversation*. 10 June 2019.

-has received over 112,000 reads worldwide.

Stemp, W., J. Awe, M. Brown, E. Harrison-Buck, C. Helmke, **G. Wrobel**, & J. Yaeger (2017) Four Preceramic Points Newly Discovered in Belize: A Comment on Stemp et al. (2016:279–299). *Latin American Antiquity*, 1-4. doi:10.1017/laq.2017.82

**Wrobel, Gabriel D.** (2014) Review of "Social Bioarchaeology," edited by Sabrina Agarwal and Bonnie Glencross. *American Journal of Physical Anthropology* 154(2): 318.

**Wrobel, Gabriel D.** (2012) Comment on "Isotopic Studies of Human Skeletal Remains from a Sixteenth to Seventeenth Century AD Churchyard in Campeche, Mexico: Diet, Place of Origin, and Age" by T. Douglas Price, James H. Burton, Andrea Cucina, Pilar Zabala, Robert Frei, Robert H. Tykot, and Vera Tiesler. *Current Anthropology* 53(4): 427.

## Technical Reports.

**Wrobel, Gabriel D.** (2020) Analysis of a Terminal Classic Burial from Chikin'Chi Ha'. In *Investigations of the Belize River East Archaeology Project: A Report of the 2018-2019 Field Seasons*, edited by Eleanor Harrison-Buck. Occasional Paper No. 8. University of New Hampshire, Durham.

Westaway, Michael C., **Gabriel Wrobel**, Ian Andrews and Ross Mitchell (2019) Clonard Station Mortuary Tree. Report for the Koomera Aboriginal Community.

**Wrobel, Gabriel D.**, Christopher R. Andres, & Shawn G. Morton, eds. (2017) The Central Belize Archaeological Survey Project: A Report of the 2015 Field Season. Belize Archaeological Research and Education Foundation Occasional Report #5, East Lansing, MI. [ISBN 2370000529145](#)

-Christopher R. Andres, **Gabriel D. Wrobel**, & Shawn G. Morton. Ch. 1: Introduction: The 2015 Season of Investigations. pp. 1-9.

-**Gabriel D. Wrobel**. Ch. 6: The Mysterious Missing Burial from Polack Farm 1, Savannah Bank Area, Roaring Creek Valley. Pp. 75-79.

**Wrobel, Gabriel D.**, Shawn G. Morton, & Christopher R. Andres, eds. (2015) The Central Belize Archaeological Survey Project: A Report of the 2013 Field Season. Belize Archaeological Research and Education Foundation Occasional Report #4, East Lansing, MI. [ISBN 2370000233394](#)

-Morton, Shawn G., **Gabriel D. Wrobel**, & Christopher A. Andres. Ch 1: Introduction: The 2013 Season of Investigations. pp. 1-6.

-**Wrobel, Gabriel**. Ch 4: Continued Bioarchaeological Investigations of Actun Kabul's Upper Burial Chambers. pp. 34-45.

-Morton, Shawn G., & **Gabriel Wrobel**. Ch 7: Polack Farm: Preliminary Survey and Description. pp. 85-86.

**Wrobel, Gabriel D.** (2015) Osteological Analysis of Burials from Kaax Tsaabil and Hats Kaab. In *Investigations of the Belize River East Archaeology Project: A Report of the 2014 and 2015 Field Seasons*, Vol. 2, edited by E. Harrison-Buck, pp. 79-90. Occasional Paper No.7. University of New Hampshire, Durham.

**Wrobel, Gabriel D.**, Shawn G. Morton, & Christopher R. Andres, eds. (2013) The Central Belize Archaeological Survey Project: A Report of the 2011 Field Season. Belize Archaeological Research and Education Foundation Occasional Report #3, East Lansing, MI. [ISBN 2370000103871](#)

-Andres, Christopher A., Shawn G. Morton, & **Gabriel D. Wrobel**. Ch 1: Introduction: The 2011 Season of Investigations. pp. 1-6.

-**Wrobel, Gabriel D.** Ch 2: Preliminary Investigations of the Terminal Mortuary Chamber from Actun Kabul, Roaring Creek Works. pp. 7-19.

-**Wrobel, Gabriel D.**, & Shawn G. Morton. Ch 5: Preliminary Investigations at Actun Tzimin, Blue Hole National Park, Caves Branch River Valley. pp. 52-60.



Andres, Christopher R., & **Gabriel D. Wrobel**, eds. (2011) Report on the Caves Branch Archaeological Survey Project, Summer 2010 Fieldseason. Belize Archaeological Research and Education Foundation Occasional Report #2, Oxford, MS.  
ISBN 2370000028570

- Andres, Christopher A., & **Gabriel D. Wrobel**. Ch 1: Introduction: The 2010 Season of Investigations. pp. 1-4.
- Wrobel, Gabriel D.** Ch 2: Mapping, Excavation, Recovery, and Analysis of Artifacts and Skeletal Remains from Feature 5, Je'reftheel. pp. 5-17.
- Wrobel, Gabriel D.**, & Rebecca Shelton. Ch 3: Preliminary Salvage Operations at Sapodilla Rockshelter. pp. 18-40.
- Andres, Christopher R., Shawn G. Morton, Jason J. González, & **Gabriel D. Wrobel**. Ch 5: Causeways and Sociopolitical Integration in the Caves Branch Region. pp. 127-147.
- Morton, Shawn G., & **Gabriel D. Wrobel**. Ch 8: Regional Reconnaissance of Subterranean Sites in and around the Caves Branch River Valley. pp. 173-182.

Andres, Christopher R., & **Gabriel D. Wrobel**, eds. (2010) Report on the Caves Branch Archaeological Survey Project, Summer 2009 Fieldseason. Belize Archaeological Research and Education Foundation Occasional Report #1, Oxford, MS.  
ISBN 2370000001191

- Andres, Christopher A., & **Gabriel D. Wrobel**. Ch 1: Introduction to the Caves Branch Archaeological Survey Project. pp. 1-3.
- Wrobel, Gabriel D.**, & Bridget Ebeling. Ch 3: Excavations of Feature 7, and Salvage Recovery of Skeletal Remains from Je'reftheel (JRH). pp. 21-31.
- Wrobel, Gabriel D.**, Rebecca Shelton, & Joshua Lynch. Ch 4: Excavations of the Overlook Rockshelter (OVR). pp. 32-40.

**Gabriel D. Wrobel** (2009) Report on feasibility of tourism locales and on the future of bioarchaeological study in Kyrgyzstan. Submitted as part of interim report of the Cultural Resource Management for the Silk Road project - US State Department Grant Bureau of Educational and Cultural Affairs. September 2009.

**Gabriel D. Wrobel** (2008) Temporal Changes in the Mortuary Ritual Use of the Caves Branch Rockshelter, Belize. Final grant report submitted to FAMSI (Foundation for the Advancement of Mesoamerican Studies, Inc.). July 2008. <http://www.famsi.org/reports/07090/index.html>

**Gabriel D. Wrobel** (2008) Report on the Caves Branch Rockshelter Excavations: 2006 and 2007 Field Seasons. In *The Belize Valley Archaeological Reconnaissance Project: A Report of the 2007 Field Season*, edited by Christophe G.B. Helmke & Jaime J. Awe. Institute of Archaeology, National Institute of Culture and History, Belmopan.

Hardy, Jessica L. & **Gabriel D. Wrobel** (2007) Preliminary Report on the Excavations at Deep Valley Rockshelter (DVR-1), Cayo District, Belize. In *The Belize Valley Archaeological Reconnaissance Project: A Report of the 2005 Field Season*, edited by Christophe G.B. Helmke & Jaime J. Awe, pp. 1-9. Institute of Archaeology, National Institute of Culture and History, Belmopan.

- Jordan, Jillian M. & **Gabriel D. Wrobel** (2007) Reconnaissance and Preliminary Survey at the Site of Baatelek, Caves Branch River Valley, Cayo District, Belize. In *The Belize Valley Archaeological Reconnaissance Project: A Report of the 2005 Field Season*, edited by Christophe G.B. Helmke & Jaime J. Awe, pp. 11-17. Institute of Archaeology, National Institute of Culture and History, Belmopan.
- Wrobel, Gabriel D.** & James C. Tyler (2006) Revisiting the Caves Branch Rockshelter: results of the 2005 excavations. In *The Belize Valley Archaeological Reconnaissance Project: A Report of the 2005 Field Season*, edited by Christophe G.B. Helmke & Jaime J. Awe, pp. 1-10. Institute of Archaeology, National Institute of Culture and History, Belmopan.
- Wrobel, Gabriel D.** (2003) Morphological Variation Among the Historic Period Maya at Tipu, Belize. Final grant report submitted to FAMSI (Foundation for the Advancement of Mesoamerican Studies, Inc.). <http://www.famsi.org/reports/01081/index.html>
- Wrobel, Gabriel D.** (2002) Non-metric Dental Traits of the Maya from Barton Ramie, Belize, and Seibal, Guatemala. Grantee report submitted to Sigma Xi.
- Wrobel, Gabriel D.** (2001) Deeds of the Disturbers: Mortuary Practices at the Predynastic Cemetery HK43, Hierakonpolis, Egypt. *Nekken News*, Vol. 13, pp. 11-12.
- Wrobel, Gabriel D.** (2001) Report on the skeletal remains from the 2001 excavations of HK43, Hierakonpolis, Egypt. Manuscript submitted to the Egyptian government Bureau of Archaeology.
- Wrobel, Gabriel D.** (2002) Report on the skeletal remains from the 2001 excavations of Chau Hiix, Belize. Manuscript submitted to the Belize Department of Archaeology.
- Wrobel, Gabriel D.** (2000) Report on the skeletal remains from the 1999 excavations of Chau Hiix, Belize. Manuscript submitted to the Belize Department of Archaeology.
- Wrobel, Gabriel D.** (1998) Reports on the skeletal remains from the 1997 excavations of Chau Hiix, Belize. Manuscript submitted to the Belize Department of Archaeology.
- Wrobel, Gabriel D.** (1997) Report on the skeletal remains from the 1996 excavations of Chau Hiix, Belize. Manuscript submitted to the Belize Department of Archaeology.
- Wrobel, Gabriel D.** (1996) Report on the skeletal remains from the 1995 excavations of Chau Hiix, Belize. Manuscript submitted to the Belize Department of Archaeology.
- Wrobel, Gabriel D.** (1993) Independent senior thesis paper, Emory University, directed by Dr. George Armelagos: "Treponemal Infection in Bones Found in a Pre-Columbian Site at Gator Mound, Florida."

### **Professional and Field Experience.**

Co-Director, Marco Gonzalez Archaeological Project, with Principal investigator Elizabeth

Graham (University College London). Director of the Michigan State University summer fieldschool abroad program. Beginning May 2021.

Director, Central Belize Archaeological Survey (CBAS) Project. Principal investigator and director of the Michigan State University and University of Mississippi summer fieldschool abroad programs. Cayo District, Belize. May 2009 - present.

Visiting Associate Professor, Department of Archaeology, University of Queensland, January 2019 – July 2019.

Director, Michigan State University Bioarchaeology Laboratory. January 2012 – present.

Chair, Society for American Archaeology Student Poster Award Committee. May 2015 – May 2018.

Editorial Advisory Committee for Research Reports in Belizean Archaeology. 2012 – present.

Associate Professor of Anthropology, Department of Sociology and Anthropology, University of Mississippi, Fall 2004 – December 2011.

Visiting Professor, Michigan State University, Department of Anthropology. Fall 2009.

Bioarchaeology Consultant. Cultural Resource Management for the Silk Road - US State Department Grant, Bureau of Educational & Cultural Affairs; Grant Number: S-ECAPE-05-GR-157. In association with American University of Central Asia, Kyrgyzstan. August 2009.

Co-Director, University of Mississippi Carson Mounds Bioarchaeology Fieldschool. With Dr. Jay Johnson, Director of the UM Center for Archaeological Research. Clarksdale, MS. Winter Intersession, January 2009.

Co-Director, Belize Valley Archaeological Reconnaissance Project. With Dr. Jaime Awe, Director of the Belize Institute of Archaeology. 2005-2008.

Director, University of Mississippi Bioarchaeology Laboratory. Fall 2004 – December 2011.

Visiting Professor of Anthropology. University of Mississippi, Department of Sociology and Anthropology. (Fall 2002 - Spring 2004).

Supervisor of Osteological Reconnaissance, Hierakonpolis, Egypt, (February – March 2001). Director, Dr. Renee Friedman, British Museum. Supervisor of excavations of the Predynastic cemetery HK43.

Supervisor of Osteological Reconnaissance, Chau Hiix, Belize, (June - July 1995; May -July 1996; March - May 1997; March - May 1999, April – May 2001). Director, Dr. K. Anne Pyburn, Indiana University, Bloomington.

Laboratory Assistant, Physical anthropology lab, Indiana University, Bloomington (Fall 1995- Spring 1996). Director, Dr. Della Cook.

Crew Member, Chau Hiix, Belize, (July - August 1993; May - June 1994). Director, Dr. K. Anne Pyburn, Indiana University, Bloomington.

Crewmember and Assistant Instructor, Belize Valley Archaeological Reconnaissance field school. Baking Pot, San Ignacio, Belize, (July - August 1994). Director, Dr. Jaime Awe.

Field Technician, Garrow & Associates, Atlanta, Georgia. Georgia International Horse Park Project, (February - April 1994). Big Haines Creek Project, (September - October, 1994). Supervisor, Pat Garrow.

Laboratory Technician, Brockington & Associates, Atlanta, Georgia, (January -February 1994). Supervisor, Connie Huddleston.

Volunteer, Curatorial Department, Michael C. Carlos Museum of Art and Archaeology, (August - December 1993). Supervisor, Dr. Rebecca Stone-Miller, curator of the museum's pre-Columbian collection.

Field school student, London Institute of Archaeology's program in San Ignacio, Belize, (June - July 1993). Director, Jaime Awe, Ph.D.; field supervisor, Jim Conlon, doctoral student, London Institute of Archaeology.

Volunteer, National Forest Service Passport in Time program, (June 1992). Supervisor, Jack Wynn, Director of Archaeology for the Chattahoochee National Forest.

### **Professional Affiliations.**

AAAS  
American Association of Physical Anthropologists  
Society for American Archaeology  
Dental Anthropology Association  
Sigma Xi  
Register of Professional Archaeologists  
National Speleological Society

### **Student Dissertations & Theses Directed.**

Michael, Amy R. (2016) Investigations of Micro- and Macroscopic Dental Defects in Pre-Hispanic Maya Cave and Rockshelter Burials in Central Belize. Ph.D. Dissertation, Michigan State University, East Lansing.

Jenna James (2010) Modeling Mortuary Behavior Based on Secondary Burial Data from Carson Mound Group, Coahoma County, Mississippi. MA Anthropology, University of Mississippi.

Jessica Johns (2010) A Comparison of Vertebral Osteoarthritis between Archaic and Mississippian Populations and Its Relation to Subsistence Activities: An Examination of the Burials at the Perry Site (1Lu25) and Moundville (MSM) Site. MA Anthropology, University of Mississippi.

Lenna Nash (2010) Osteology of the Chalillo Dam Archaeology Salvage Project, Upper Macal River Valley, Belize. MA Anthropology, University of Mississippi.

Jessica Hardy Haley (2009) Understanding Functional and Symbolic Variation in Rockshelters of the Caves Branch River Valley of Western Belize, Central America. MA Anthropology, University of Mississippi.

Jillian Jordan (2008) Persistence in the Periphery: Archaeological Investigations at Baateelek, Caves Branch River Valley, Belize. MA Anthropology, University of Mississippi.

Jessica Ruthven (2006) HIV/AIDS in Sub-Saharan Africa: An Argument for the Use of the Political Economy of Health Approach. Undergraduate Honors Thesis, Anthropology / Barksdale Honors College, University of Mississippi.

Robin Anne Wiebe (2004) Non-specific Stress Indicators and Growth Efficiency in the Archaic and Mississippian at the Perry site (1 LU25) in Northwestern Alabama. MA Anthropology, University of Mississippi.

### **Current Students.**

Jack Biggs. PhD Anthropology, Michigan State University. Dissertation chair.

Aubree Marshall. PhD Anthropology, Michigan State University. Dissertation chair.

Alexis Goots. PhD Anthropology, Michigan State University. Committee member.

Kelly Kamnikar PhD Anthropology, Michigan State University. Committee member.

Amber Plemons. PhD Anthropology, Michigan State University. Committee member.

Elena Watson. PhD Anthropology, Michigan State University. Committee member.

### **Teaching experience.**

#### Michigan State University:

Anthropology 840: Biocultural Evolution

Anthropology 843: Bioarchaeology

Anthropology 845. Paleopathology

Anthropology 464: Field Methods in Archaeology (Archaeological Fieldschool in Belize)

Anthropology 206. Introduction to Physical Anthropology

ISS 220: Time, Space, and Change in Human Society

Anthropology 892: Dental Anthropology

#### University of Mississippi:

Anthropology 390. Bioarchaeology Abroad (Archaeological Fieldschool in Belize)

Anthropology 391. Archaeology Session Abroad (Archaeological Fieldschool in Belize)

Anthropology 504. Laboratory in Human Osteology

Anthropology 304. Biological Anthropology

Anthropology 102. Introduction to Archaeology and Biological Anthropology

Anthropology 607. Graduate Seminar in Biological Anthropology

Anthropology 308. Archaeology of Death and Burial

#### Indiana University:

Anthropology A105/303. Human Origins and Prehistory  
Anatomy A215. Gross and Microscopic Human Anatomy  
Anthropology A105 (School of Continuing Studies). Human Origins and Prehistory  
Anthropology E105 (School of Continuing Studies). Culture and Society  
Biology N261 (Indiana University Purdue University at Columbus). Human Biology Lab  
Business X220 (Kelley School of Business). Career Counselor.  
Indiana University Archaeological Field School in Belize. Assistant Instructor.  
Anthropology B301. Laboratory Methods in Bioanthropology  
Anthropology E105 Sister Species: Lessons from the Chimpanzee. Assistant Instructor

### **Courses Created.**

Anthropology 840: Biocultural Evolution  
Anthropology 845. Paleopathology, Michigan State University  
Anthropology 843. Bioarchaeology, Michigan State University  
Anthropology 464: Field Methods in Archaeology (Archaeological Fieldschool in Belize)  
Anthropology 892. Dental Anthropology, Michigan State University  
Anthropology 651. Graduate Seminar in Biological Anthropology. University of Mississippi  
Anthropology 504. Laboratory in Human Osteology. University of Mississippi  
Anthropology 391. Bioarchaeology Abroad. University of Mississippi  
Anthropology 390. Archaeological Field Session Abroad. University of Mississippi  
Anthropology 308. Archaeology of Death and Burial. University of Mississippi

### **Invited Presentations and Workshops.**

2019 The Hidden Dead: Osteoarchaeological Perspectives on Maya Mortuary Ritual in Caves & Rockshelters of Central Belize. University of New South Wales. Sydney, Australia. June 2019.  
2019 The Hidden Dead: Osteoarchaeological Perspectives on Maya Mortuary Ritual in Caves & Rockshelters of Central Belize. University of Queensland. Brisbane, Australia. May 2019.  
2019 The Hidden Dead: Osteoarchaeological Perspectives on Maya Mortuary Ritual in Caves & Rockshelters of Central Belize. Australian National University. Canberra, Australia. May 2019.  
2018 The Hidden Dead: Bioarchaeological Perspectives on Maya Mortuary Ritual in Caves & Rockshelters of Central Belize. University of Central Florida. Orlando, FL. September 2018.  
2018 What Bones Tell Us and Why We Don't Always Agree About What They Are Saying. Maya at the Playa. Flagler, FL. September 2018.  
2016 Biological Markers of Identity in West-Central Belize: New Data from Old Bones. Maya at the Playa. Collaborative Curriculum Project of the Florida Department of Education. Flagler, FL October 2016.  
2016 A Bioarchaeological View of Lives and Deaths in the Skeletons from Maya Caves. Institute of Maya Studies. Miami, FL. February 2016.  
2015 Bioarchaeology of the Maya in the Greater Roaring Creek Area of Central Belize. Griffith University, Brisbane, Australia. September 2015.

- 2014 The Study of Human Skeletons from Caves and Rockshelters in Central Belize Using a Social Identity Approach. Maya at the Playa. Collaborative Curriculum Project of the Florida Department of Education. Flagler, FL October 2014.
- 2014 Bioarchaeology in the Greater Roaring Creek Area of Central Belize. University of Michigan Brown Bag Lecture. February 2014.
- 2013 Bioarchaeological Research on the Classic Period Maya of Central Belize. Presentation for the MSU CLACS Spring Seminar Series. March 2013.
- 2012 Bioarchaeological Approaches to Understanding the Social Implications of Mortuary Encavement during the Classic Period in Central Belize. 17th European Maya Conference, Helsinki, Finland. December 2012.
- 2012 Workshop: Reading Bones and Skulls: Introductory to Intermediate Level Workshop on Bioarchaeology. 17th European Maya Conference, Helsinki, Finland. December 2012.
- 2012 Context and Meaning of Cranial Modification in Central Belize: Interpreting Variations Among Skeletons from Caves and Rockshelters. Coloquio Internacional de Bioarqueología en Área Maya. Universidad Autónoma de Yucatán, Mérida, MX. November 2012.
- 2012 Maya Bioarchaeology in Belize. Invited lecture at the Institute for the Liberal Arts, Doshisha University. May 2012.
- 2012 The Context of Social Identity: A Bioarchaeological Example from the Uayazba Kab Rockshelter, Belize. Maya at the Lago conference. Sponsored by the American Foreign Academic Research program and Davidson Day School. April 2012.
- 2012 Workshop: Maya Bioarchaeology. Maya at the Lago conference. Sponsored by the American Foreign Academic Research program and Davidson Day School. April 2012.
- 2011 Bioarchaeology of the Ancient Maya of Belize: Interpreting Clues from the Excavation and Analysis of Human Skeletal Remains. Invited lecture for the Biology Department, University of Mississippi. October 2011.
- 2011 The Bioarchaeology of Violence: Investigations of Sacrifice Among the Ancient Maya. Maya at the Lago. Sponsored by the American Foreign Academic Research program and Davidson Day School. April 2011.
- 2011 Workshop on Maya Bioarchaeology and Forensic Methodologies. Maya at the Lago. Sponsored by the American Foreign Academic Research program and Davidson Day School. April 2011.
- 2010 Cultural and Archaeological Considerations for Genetic Distance Studies of Maya Populations. Coloquio Internacional de Bioarqueología en Área Maya: Afinidades Biológicas, Etnicidad y Dinámicas Poblacionales. Universidad Autónoma de Yucatán, Mérida, MX. November 2010.
- 2010 Exploring Population Interactions Through Dental Morphology in the Maya Region. Invited lecture at the University of Southern Mississippi. October 2010.
- 2010 The Bioarchaeology of Political Development in the Caves Branch River Valley, Belize. Invited lecture at Michigan State University. April 2010.

- 2009 Mortuary Cave Ritual in the Caves Branch River Valley, Central Belize. Invited lecture for the Department of Anthropology Lecture Series, Indiana University - Purdue University Fort Wayne. Fort Wayne, IN, November 2009.
- 2009 Maya Bioarchaeology and Forensic Methodologies. Maya at the Playa. Collaborative Curriculum Project of the Florida Department of Education. Flagler, FL October 2009.
- 2009 Questioning the Role of Sacrifice in Understanding Maya Mortuary Practices in the Caves of Central Belize. Invited lecture at Michigan State University. March 2009.
- 2008 Ancient Maya Sacrifice: Evaluating the Evidence. Maya at the Playa. Collaborative Curriculum Project of the Florida Department of Education. Flagler, FL October 2008.
- 2008 Questioning the Role of Sacrifice in Ancient Maya Cave Ritual. Invited lecture for the Cayo Tour Guides Association. San Ignacio, Belize. July 2008.
- 2007 Mortuary Use of Caves and Rockshelters in the Caves Branch Valley of Central Belize." October 2007. Invited lecture at the Facultad de Ciencias Antropológicas, Universidad Autónoma de Yucatán. Mérida, Mexico.
- 2007 The Maya of the Caves Branch River Valley. Invited lecture for the Belmopan Rotary Club. Belmopan, Belize. July 2007.
- 2007 Bioarchaeology of the Ancient Maya. Maya at the Playa. Collaborative Curriculum Project of the Florida Department of Education. Flagler, FL May 2007.
- 2007 Workshop in Bioarchaeology. Maya at the Playa. Collaborative Curriculum Project of the Florida Department of Education. Flagler, FL May 2007.
- 2007 Discovering the Ancient Maya of Belize. Ole Miss Sociology and Anthropology Lecture Series. March 2007.
- 2004 Health and the transition to horticulture in the south central U.S. Paleopathology at the Origins of Agriculture, Invited conference. Clearwater, FL. April 2004. With Marie E. Danforth and Keith P. Jacobi.
- 2004 Genetic Distance: Identifying Population Movements Among the Ancient Maya. Invited lecture. University of Southern Mississippi. March 2004.
- 2003 Human Skeletons in Forensic Contexts. Lecture and workshop for the Washington County Cadaver Dog Handlers. Oxford, MS. November 2003.
- 2003 The Maya in Transition: A View from Chau Hiix, Northern Belize. Cottonlandia Museum Invited Lecture Series. Greenwood, MS. March 2003.
- 2002 Royal Tombs of the Maya from Chau Hiix, Belize. Mississippi Archaeology Month. University of Mississippi, Oxford. October 2002.
- 2001 Report from the Field: Archaeology at the Maya site of Chau Hiix, Belize. Bloomington Exchange Club. Bloomington, IN. February 2001.
- 2000 Physical Anthropology. Brownie Math and Science Day. Bloomington, IN. Nov 2000.
- 1999 Bones and Stones: Clues to Human Evolution. Harmony School, Bloomington, IN. February 1999.

### **Conference presentations.**



- Wrobel, G., C. Freiwald, & E. Harrison-Buck (2020) Bioarchaeology of the Lower Belize River Watershed. Society for American Archaeology. Austin, TX. April 2020.
- Biggs, J., A. Michael, & G. Wrobel (2020) Buried in the Maw of Xibalba: The Bioarchaeology of the Sac Uitzil Ba Maya Rockshelter in Central Belize. Austin, TX. April 2020.
- Westaway, M.C., G. Wrobel, M. Leavesley, J. Kariwiga, A. Bergstrom, B. Evans, S. Oppenheimer, R. Wright, M. Green, & M. Collard (2019) Exploring population history in New Guinea: an interdisciplinary approach. Asia Pacific Conference on Human Evolution. Brisbane, QLD, Australia. June 2019.
- McKenna, Morgan, Gabriel Wrobel, Amy Michael, Patricia McAnany, Amy Commendador, & John Dudgeon (2019) Understanding the diet of Late to Terminal Classic Period Maya groups in the Sibun River Valley, Belize, through food web reconstruction. Society for American Archaeology. Albuquerque, NM. April 2019.
- Wrobel, Gabriel D., Amy Hair, & Jack Biggs (2018) Introducing the Maya Crania Photogrammetry Initiative. 16<sup>th</sup> Annual Belize Archaeology Symposium. San Ignacio, BZ. June 2018.
- Morton, Shawn G., Gabriel D. Wrobel, Christopher Andres, & Amy Michael (2018) The Centre on the Edge: Polity Development on the Frontier of the Belize Valley. 16<sup>th</sup> Annual Belize Archaeology Symposium. San Ignacio, BZ. June 2018.
- Wrobel, Gabriel D. (2018) The Maya 3D Cranial Repository. Society for American Archaeology. Washington D.C.
- Biggs, Jack, Amy Michael, Mari Isa, & Gabriel Wrobel (2017) Congenital Anomalies as Evidence of Biological Affinity Among Maya Burials in Caves and Rockshelters in Central Belize. Midwest Conference on Mesoamerican Archaeology and Ethnohistory. Wayne State University, Detroit, MI. March 2017.
- Wrobel, Gabriel, & Amy Michael (2016) Discerning Patterns of Intentional and Unintentional Movement of Human Bones in Maya Caves. Society for American Archaeology. Orlando, FL. April 2016.
- Discussant for Forum: "Presenting the Ancient Maya in 3D". Society for American Archaeology. Orlando, FL. April 2016.
- Haley, Bryan, and Gabriel Wrobel (2015) An Examination of Mississippian Ceramic, Mortuary, and Osteological Variation in the Upper Yazoo Basin. Southeastern Archaeological Conference. Nashville, TN. November 2015
- Wrobel, Gabriel, Shawn Morton, Christopher Andres, & Amy Michael (2015) The Central Belize Archaeological Survey Project: Update 2015. 13<sup>th</sup> Annual Belize Archaeology and Anthropology Symposium. San Ignacio, BZ. July 2015.
- Wrobel, Gabriel D., Amy R. Michael, and Joshua Burbank (2014) Interpreting the Mortuary Use of Actun Kabul, Roaring Creek, Belize. 12<sup>th</sup> Annual Belize Archaeology and Anthropology Symposium. San Ignacio, BZ. July 2014.
- Wrobel, Gabriel D. (2014) Understanding the Multi-Scalar Complexity in Archaeological Skeletal Collections and Its Implications for Analysis. Society for American Archaeology. Austin, TX. April 2014.

- Burbank, Joshua A., Amy R. Michael, Gabriel D. Wrobel, & Rebecca Shelton (2014) Interpreting Specialized Deposits of Human Remains in Actun Kabul, Central Belize. Society for American Archaeology. Austin, TX. April 2014.
- Stewart, Caitlin, & Gabriel D. Wrobel (2014) A New Approach for Calculation of MNI in Commingled Remains: Mortuary Analysis of Caves Branch Rockshelter, Belize. Society for American Archaeology. Austin, TX. April 2014.
- Wrobel, Gabriel D., & Shawn G. Morton (2013) Testing models of Interaction, Migration and Exchange by the Central Belize Archaeological Survey Project. Chacmool Conference. Calgary, AB. November 2013.
- Wei, Xuan, & Gabriel D. Wrobel (2013) Macro-Regional Interactions as Reflected in Patterns of Cranial and Dental Modifications found in Caves and Rockshelters in Central Belize. Chacmool Conference. Calgary, AB. November 2013.
- Stemp, W. James, Gabriel D. Wrobel, Jessica Haley, & Jaime J. Awe (2012) Technological and Functional Analysis of Chert Debitage from Deep Valley Rockshelter, Belize. 10<sup>th</sup> Annual Belize Archaeology Symposium. San Ignacio, BZ. June 2012.
- Wrobel, Gabriel, Carolyn Freiwald, Amanda Hale, Sherry Gibbs, Cameron Griffith, & Jaime Awe (2012) A Bioarchaeological Investigation of Social Identity from Uayazba Kab Rockshelter, Roaring Creek, Belize. Midwest Mesoamerican Meetings, East Lansing, MI. March 2012.
- Morton, Shawn G., Christopher Andres, & Gabriel Wrobel (2011) A Brief Flame Among the Embers: The Fluorescence of a Frontier Polity During the Classic Period Collapse. Chacmool Archaeological Conference, Calgary, Alberta. November 2011.
- Wrobel, Gabriel D., Christopher R. Andres, Shawn G. Morton, Rebecca Shelton, & Amy Michael (2011) Ritual Landscapes of the Caves Branch River Valley. 9<sup>th</sup> Annual Belize Archaeology Symposium. San Ignacio, BZ. June 2011.
- Stemp, W. James, Gabriel Wrobel and K.M. Payeur (2011) Stir It Up, Little Darlin': Debitage from Mixed Deposits from Caves Branch Rockshelter, Belize. Canadian Archaeological Association Conference, Halifax, Nova Scotia. May 2011.
- Wrobel, Gabriel D., Christophe Helmke, and Jaime J. Awe (2011) Caves as Tombs: A Bioarchaeological Example from the Maya Cave Site of Je'reftheel, Caves Branch, Belize. Presented at symposium "Current Research in Maya Bioarchaeology." Organized by Gabriel Wrobel. Society for American Archaeology, Sacramento, CA. April 2011.
- Shelton, Rebecca, and Gabriel D. Wrobel (2011) Investigation of Looted Contexts at the Sapodilla Rockshelter, Caves Branch Valley, Belize. Society for American Archaeology, Sacramento, CA. April 2011.
- Michael, Amy, and Gabriel D. Wrobel (2011) Dental Histology and Comparative Health in Rockshelter Mortuary Contexts. Society for American Archaeology meetings. Sacramento, CA. April 2011.
- Payeur, Kelly M., W. James Stemp and Gabriel Wrobel (2011) All Mixed Up: Preliminary Report of Debitage Collected from Caves Branch Rock Shelter in Belize. Northeastern Anthropological Association Conference, Franklin Pierce University, Rindge, New Hampshire. March 2011

- Wrobel, Gabriel D., Jenna L. James, and Stacy Ann Scott (2010) Analyses and Comparisons of Dental Morphology from the Late Mississippian Sites of Carson and Shady Grove, Northern Mississippi. Southeastern Archaeological Conference. Lexington, KY. November 2010.
- Andres, Christopher, Gabriel D. Wrobel, Shawn Morton, Jason Gonzalez, and Rebecca Shelton (2010) Power and Status in the Caves Branch River Valley. 8<sup>th</sup> Annual Belize Archaeology Symposium. San Ignacio BZ. July 2010.
- Wrobel, Gabriel D., David Glassman, and James Tyler (2010) The Osteology of the Blue Creek Site, Belize. Society for American Archaeology. St. Louis, MO. April 2010.
- Morton, Shawn, Gabriel Wrobel, Rebecca Shelton, and Joshua Lynch (2010) Ritual Circuits and Subterranean Material Assemblages in the Caves Branch River Valley, Belize. Society for American Archaeology. St. Louis, MO. April 2010.
- Christopher R. Andres, Gabriel D. Wrobel, and Shawn Morton (2010) Introducing Tipan Chen Uitz: A Major “New” Civic-ceremonial Center in the Cayo District, Belize. Society for American Archaeology. St. Louis, MO. April 2010.
- James, Jenna, Gabriel Wrobel, Jay Johnson, and John Conaway (2010) The taphonomy of secondary burials at Carson Mounds, Coahoma County, Mississippi. American Association of Physical Anthropologists. Albuquerque, NM. April 2010.
- Wrobel, Gabriel D., Shawn Morton, and Christopher Andres (2009) Ritual and religion in the Caves Branch River Valley: an introduction to the first season of the Caves Branch Archaeological Survey. 7<sup>th</sup> Annual Belize Archaeology Symposium. Belize City, BZ. July 2009.
- Awe, Jaime J., James Aimers, Christophe Helmke, and Gabriel Wrobel (2009) Analyses of Terminal Classic deposits at Cahal Pech and their implications for concepts of rapid abandonment and de-facto refuse. 7<sup>th</sup> Annual Belize Archaeology Symposium. Belize City, BZ. July 2009.
- Aimers, James, Jaime Awe, and Gabriel Wrobel (2009) Terminal Classic deposits at Cahal Pech and their implications for concepts of rapid abandonment and de-facto refuse. Society for American Archaeology. Atlanta, GA. April 2009.
- James, Jenna, Gabriel Wrobel, John Connaway, and Jay Johnson (2008) Mortuary practices at the Carson Mounds site, Coahoma County, Mississippi. Southeastern Archaeological Conference. Charlotte, NC. November 2008.
- Johnson, Jay K., John M. Connaway, Bryan S. Haley, Gabriel Wrobel, Jenna James, and Louise Smith (2008) First season results from the Carson Mound group in northwestern Mississippi. Southeastern Archaeological Conference. Charlotte, NC. November 2008.
- Cucina, Andrea, and Gabriel Wrobel (2008) Dental morphology of the ancient Maya: an analysis of interobserver error. 14th International Symposium on Dental Morphology, Greifswald, Germany. August 2008.
- Wrobel, Gabriel (2008) The Caves Branch Rockshelter: implications for Maya cave ritual. Society for American Archaeology. Vancouver, B.C. March 2008.
- Wrobel, Gabriel, Jillian Jordan, and Jessica Hardy (2008) Social and political transformations in the Caves Branch River Valley: evidence from natural and constructed ritual environments. 6<sup>th</sup> Annual Belize Archaeology Symposium. Belize City, BZ. July 2008.

- Wrobel, Gabriel, James Tyler, and Jessica Hardy (2007) Ancient Maya ceremonial use of rockshelters in the Caves Branch River Valley, Belize. Society for American Archaeology. Austin, TX. April 2007.
- Wrobel, Gabriel (2007) Reflections of life in death: mortuary use of an abandoned prehistoric Maya site as a form of resistance by colonial populations. American Association of Physical Anthropologists. Philadelphia, PA. March 2007.
- Wrobel, Gabriel (2007) Mortuary signatures of peasants and smallholders in ancient Maya communities. Southern Anthropological Society. Oxford, MS. February 2007.
- Wrobel, Gabriel and James Tyler (2006) Rockshelter excavations in the Caves Branch River Valley. Fourth Annual Belize Archaeology Symposium. Belize City, BZ. July 2006.
- Wrobel, Gabriel, Della C. Cook, and Hermann Helmuth (2006) Change in age and sex ratios from Late Classic to Postclassic at Chau Hiix and Lamanai, Belize. Society for American Archaeology. San Juan, PR. April 2006.
- Hardy, Jessica, and Gabriel Wrobel (2006) The morphological characteristics of the skeletal remains from site of Caesarea, Israel. Society for American Archaeology. San Juan, PR. April 2006.
- Tyler, James and Gabriel Wrobel (2006) Excavations of a mortuary sample from the Caves Branch Rockshelter. Society for American Archaeology. San Juan, PR. April 2006.
- Haley, Bryan, and Gabriel Wrobel (2006) Archaeological geophysics in central Belize. Society for American Archaeology. San Juan, PR. April 2006.
- Wrobel, Gabriel D. (2005) Non-metric dental variation among the ancient Maya of Northern Belize. American Association of Physical Anthropologists. Milwaukee, WI. April 2005.
- Wrobel, Gabriel D. (2005) Determining burial chronology by fluoride analysis of bone from the Maya archaeological site of Chau Hiix, Belize. Society for American Archaeology. Salt Lake City, UT. March 2005
- Wrobel, Gabriel D. (2005) Measuring genetic distance between ancient Maya populations using non-metric dental features. Mississippi Academy of Sciences. Oxford, MS. February 2005.
- Jacobi, Keith P., Marie E., Danforth, and Gabriel D. Wrobel (2004) Funked up and yowza!: a study of descriptive terms used in the evaluation of infectious lesions. American Association of Physical Anthropologists. Tampa, FL. April 2004.
- Wrobel, Gabriel D. (2004) An odontometric reduction trend among ancient Maya populations from northern Belize. American Association of Physical Anthropologists. Tampa, FL. April 2004.
- Christopher R. Andres, Gabriel D. Wrobel, and Sarah J. Wille (2004) Re-shaping the center: a diachronic look at “downtown” Chau Hiix. Society for American Archaeology. Montreal, Quebec. March 2004.
- Wrobel, Gabriel D., and Elizabeth Graham (2003) Death in transition at Chau Hiix and Lamanai, Belize. Society for American Archaeology. Milwaukee, WI. April 2003.
- Danforth, Marie, Keith P. Jacobi and Gabriel D. Wrobel (2002) A compilation and synthesis of bioarchaeological studies from Mississippi and Alabama. Southeastern Archaeological Conference. Biloxi, MS. November 2002.

- Wrobel, Gabriel D. (2002) Intertrait association: measuring correlations among dental discrete traits within and between tooth classes in a Maya skeletal collection. American Association of Physical Anthropologists. Buffalo, NY. April 2002.
- Wrobel, Gabriel D. and Patricia Cook (2002) Distinguishing the dead: Classic to Postclassic mortuary patterns in residential groups at Chau Hiix, Belize. Symposium: "The Classic Case: Exploring Pre-Hispanic Origins of Maya Resistance." Organized by Gabriel Wrobel & Christopher Andres. Society for American Archaeology. Denver, CO. March 2002.
- Jordan, Krista, and Gabriel D. Wrobel (2002) The last days: Late Postclassic mortuary use of the site center at Chau Hiix, Belize. Paper delivered at symposium "The Classic Case: Exploring Pre-Hispanic Origins of Maya Resistance." Organized by Gabriel Wrobel and Christopher Andres. Society for American Archaeology. Denver, CO. March 2002.
- Wrobel, Gabriel, and K. Anne Pyburn (2001) Placing the dead. Society for American Archaeology. New Orleans, LA. April 2001.
- Wrobel, Gabriel, Marie Danforth, and Carl Armstrong (2001) Estimating sex by discriminant function analysis of long bone measurements from the Protohistoric Maya site of Tipu, Belize. American Association of Physical Anthropologists. Kansas City, KS. March 2001.
- Andres, Kip, Gabriel Wrobel, and K. Anne Pyburn (2000) Manipulating messages: Postclassic identity construction at Chau Hiix, Belize. The 33<sup>rd</sup> annual Chacmool conference. Calgary, Alberta. November 10, 2000.
- Wrobel, Gabriel, Steven Stewart, Shea Earley, Erica Gilday, and Jessica Cooney (2000) Fluoride dating of the burials from the Maya archaeological site of Chau Hiix, Belize. Indiana Academy of Sciences. Richmond, IN. November 4, 2000.
- Wrobel, Gabriel (2000) The Burials and mortuary practices in an elite residential structure from Chau Hiix, Belize. Society for American Archaeology. Philadelphia, PA. April 7, 2000.
- Wrobel, Gabriel (2000) Diet and dental health of an elite household at the Maya site of Chau Hiix, Belize. American Association of Physical Anthropologists. San Antonio, TX April 15, 2000.
- Wrobel, Gabriel (1999) Classic to Postclassic continuity in architecturally-related mortuary ritual at Chau Hiix, Belize. Midwestern Mesoamerican meeting. Chicago, March, 1999.
- Wrobel, Gabriel (1998) Dental calculus deposits in a prehistoric Maya population from Chau Hiix, Belize. The 14<sup>th</sup> International Congress of Anthropological and Ethnological Sciences. Williamsburg, VA. July 27, 1998.
- Wrobel, Gabriel, and Della C. Cook (1997) An Early Classic Maya tomb at Chau Hiix, northern Belize. Society for American Archaeology. Nashville, TN. April 6, 1997.
- Wrobel, Gabriel and George Armelagos (1994) Treponemal infection in a population from Gator Mound, Florida. Southern Anthropological Society. Atlanta, GA. April 30, 1994.