

JESSICA L. MUNSON

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EDUCATION

- PhD 2012 School of Anthropology, University of Arizona, Tucson, Arizona
Minor: Spatial Analysis and Remote Sensing
Dissertation: "Temple Histories and Communities of Practice in Early Maya Society: Archaeological Investigations at Caobal, Petén, Guatemala"
- MA 2005 School of Anthropology, University of Arizona, Tucson, Arizona
- AB 2001 Department of Art and Archaeology, Princeton University, Princeton, NJ

ACADEMIC APPOINTMENTS

- 2015- Visiting Assistant Professor of Latin American Archaeology, Department of Sociology/Anthropology and Interdisciplinary Program in Archaeology, Lycoming College
- 2015-16 Research Associate, Maya Hieroglyphic Database Project, Department of Linguistics, University of California, Davis
- 2014-15 Postdoctoral Scholar and Instructor, Department of Linguistics, University of California, Davis
- 2012-14 Postdoctoral Scholar, Cultural Evolution of Religion Research Consortium, Joint appointment with Department of Archaeology and Human Evolutionary Studies Program, Simon Fraser University and Centre for Human Evolution, Cognition, and Culture, University of British Columbia
- 2011 Instructor, School of Anthropology, University of Arizona
- 2010-11 Junior Fellow, Dumbarton Oaks, Trustees for Harvard University, Washington DC
- 2006-09 Teaching Assistant, School of Anthropology, University of Arizona

EXTERNAL GRANTS, AWARDS, AND FELLOWSHIPS

- Pending National Science Foundation, Archaeology and Archaeometry Program. "Investigating the quality of life in ancient Maya society." (\$225,000).
- Pending Cotsen Excavation Grant, American Institute of Archaeology. "Archaeological investigations at Altar de Sacrificios, Petén, Guatemala." (\$25,000).
- 2015-16 Post-PhD Research Grant, Wenner-Gren Foundation. "Status signals and networks of power in Preclassic Maya society: Archaeological investigations at Altar de Sacrificios, Guatemala." (\$20,000)
- 2013-16 National Science Foundation, Interdisciplinary Behavioral and Social Science Research Program. "Cultural Evolution of Human Communication Systems: Investigating Linguistic Diversity and Social Change with Maya Hieroglyphic Writing." PI: Martha Macri, Co-PIs: **Jessica Munson**, Jonathan Scholnick, Matthew Looper. (\$829,086)
- 2010-11 Pre-Columbian Studies Junior Fellowship. Dumbarton Oaks Research Library and Collections, Washington, DC. (\$30,000)
- 2009-10 Doctoral Dissertation Improvement Grant, National Science Foundation. (\$15,000)
- 2001-02 Project 55 Fellowship, Princeton AlumniCorps, Princeton University. (\$30,000)

INTERNAL GRANTS, AWARDS, AND FELLOWSHIPS

- 2016 Altar de Sacrificios Archaeological Project: Phase I Investigations. Professional Development Grant from Provost's Office, Lycoming College. (\$5200)
- 2016 Altar de Sacrificios Archaeological Project: Phase I Investigations. Summer Student Research Grant from Provost's Office, Lycoming College. (\$4480)
- 2015 Curriculum Enhancement Award, Lycoming College. (\$500)
- 2014 Open Access Fund, University of California Davis Library. (\$1000)
- 2014 Education Technology Resource Award, University of California Davis. (\$1500)
- 2012 Vice-President Academic Conference Fund, Simon Fraser University. (\$1000)
- 2011 Emil W. Haury Dissertation Fellowship, School of Anthropology, University of Arizona. (\$7500)

- 2010 Stanley R. Grant Scholarship, School of Anthropology, University of Arizona. (\$1000)
- 2008 William Shirley Fulton Scholarship, School of Anthropology, University of Arizona. (\$750)
- 2007 Travel Grant, Graduate Student and Professional Student Council, University of Arizona. (\$600)
- 2007 Riecker Award for Dissertation Research, School of Anthropology, University of Arizona. (\$600)
- 2007 Dissertation Research Grant, Social & Behavioral Sciences Research Institute, University of Arizona. (\$800)
- 2007 William and Nancy Sullivan Scholarship, School of Anthropology, University of Arizona. (\$1000)
- 2006 Pre-dissertation Research Grant, Social & Behavioral Sciences Research Institute, University of Arizona. (\$600)
- 2004-06 NSF-IGERT Fellow in Archaeological Science, School of Anthropology, University of Arizona. (\$60,000)
- 2004 William Shirley Fulton Scholarship, School of Anthropology, University of Arizona. (\$800)
- 2003/07 Emil W. Haury Education Award, School of Anthropology, University of Arizona. (\$2200)

PUBLICATIONS

Journal Articles (* peer reviewed)

- Accepted **Munson, Jessica** and Flory Pinzón. "Building an early Maya community: Archaeological investigations at Caobal, Guatemala." *Ancient Mesoamerica*.
- 2016* **Munson, Jessica**, Jonathan Scholnick, Matthew Loooper, Yuriy Polyukhovych, and Martha Macri. "Ritual diversity and divergence of Classic Maya dynastic traditions: A lexical perspective on within-group cultural variation." *Latin American Antiquity* 27(1): 74-95.
- 2015* **Munson, Jessica**. From metaphors to practice: Operationalizing network concepts for archaeological stratigraphy. *Journal of Archaeological Method and Theory*. 22(2): 428-460. doi:10.1007/s10816-013-9181-8.

- 2015* Inomata, Takeshi, Jessica MacLellan, Daniela Triadan, **Jessica Munson**, Melissa Burham, Kazuo Aoyama, Hiro Nasu, Flory Pinzón, and Hitoshi Yonenobu. "Development of sedentary communities in the Maya lowlands: Co-existing mobile groups and public ceremonies at Ceibal, Guatemala." *Proceedings of the National Academy of Sciences* 112(14):4268-4273.
- 2014* **Munson, Jessica**, Viviana Amati, Mark Collard, and Martha Macri. Classic Maya bloodletting and the cultural evolution of religious ritual: Quantifying patterns of variation in hieroglyphic texts. *PLoS One* 9(9): e107982. doi:10.1371/journal.pone.0107982.
- 2012* Aoyama, Kazuo and **Jessica Munson**. Ancient Maya obsidian exchange and chipped stone production at Caobal, Guatemala. *Mexicon* 34(2): 34-42.
- 2011 **Munson, Jessica** and Takeshi Inomata. Temples in the forest: The discovery of an early Maya community at Caobal, Petén, Guatemala. *Antiquity* 85(328). Available at: <http://www.antiquity.ac.uk/projgall/munson328/>.
- 2011 Aoyama, Kazuo and **Jessica Munson**. Cambios diacrónicos de la lítica menor Maya en Caobal, Guatemala. *U'tzib* 4(8 y 9): 1-15.
- 2009* **Munson, Jessica** and Martha J. Macri. Sociopolitical network interactions: A case study of the Classic Maya. *Journal of Anthropological Archaeology* 28(4): 424-438. doi:10.1016/j.jaa.2009.08.002.
- 2008* Garrison, Thomas G., Stephen D. Houston, Charles Golden, Takeshi Inomata, Zachary Nelson, and **Jessica Munson**. Evaluating the use of IKONOS satellite imagery in lowland Maya settlement archaeology. *Journal of Archaeological Science* 35(10): 2770-2777.

Book Chapters

- In review **Munson, Jessica**. "Epistemological issues for archaeological networks: mechanisms, mapping flows, and considering causation to build better arguments." *Proceedings of the Köln Conference: Approaches to Social Network Analysis in Archaeology, 2015*. Edited by Tim Kerig and Martin Benz. (Submitted July 2016).
- 2013 Scholnick, Jonathan B., **Jessica Munson** and Martha Macri. Positioning power in a multi-relational framework: A social network analysis of Classic Maya political rhetoric. In *Network analysis in archaeology: New approaches to regional interaction*, edited by Carl Knappett, pp. 95-124. Oxford University Press, Oxford.

Dissertation

2012 **Munson, Jessica.** Temple histories and communities of practice in early Maya society: Archaeological investigations at Caobal, Petén, Guatemala. PhD Thesis. University of Arizona, UMI Proquest.

Manuscripts in preparation

Munson, Jessica. *Social signaling and material modes of communication in pre-Hispanic Maya society: Relational perspectives on community, power, and inequality in ancient Mesoamerica.* Book proposal for submission to Cambridge University Press.

Munson, Jessica, Viviana Amati, Habiba, and Jonathan Scholnick. Clique formation and the transmission of cultural innovations: Inferring diffusion pathways with Classic Maya hieroglyphic inscriptions. For submission to *Current Anthropology*.

Munson, Jessica, Habiba, Viviana Amati, and Jonathan Scholnick. Networks of diffusion and centers of scribal innovation in Classic Maya society. For submission to *Plos One*.

Amati, Viviana and **Jessica Munson.** Survival analysis of Classic Maya dynastic rituals. For submission to *Journal of Archaeological Science*.

Scholnick, Jonathan B., Matthew Looper, **Jessica Munson,** Yuriy Polyukhovych, and Martha J. Macri. Using glyphic variation to infer the social and spatial scale of learning among Classic Maya scribes. For submission to *Journal of Anthropological Archaeology*.

Conference Proceedings and Reports

In press **Munson, Jessica** and Lorena Paiz Aragón. "Proyecto Arqueológico Altar de Sacrificios: Nuevas Investigaciones y Resultados de la Primera Temporada, 2016." Under review for *XXX Simposio de Investigaciones Arqueológicas en Guatemala, 2016*. Editado por Barbara Arroyo. Museo Nacional de Arqueología y Ethnología. (Submitted July 2016).

In press **Munson, Jessica** and Lorena Paiz Aragón (eds). *Informe del Proyecto Arqueológico Altar de Sacrificios, La Temporada 2016*. Informe entregado al Instituto de Antropología e Historia de Guatemala. (Submitted September 2016).

2011 **Munson, Jessica.** Fundamentos de una pasada conmemorada: Arquitectura de un templo del período Preclásico Medio en Anonal. *XXIV Simposio de Investigaciones Arqueológicas en Guatemala, 2010*. Editado por Barbara Arroyo. Museo Nacional de Arqueología y Ethnología.

2009 **Munson, Jessica.** Parte IV: Investigaciones en Anonal. En *Informe del Proyecto Arqueológico Ceibal-Petexbatun, la Temporada 2009*. Editado por Takeshi Inomata, Daniela Triadan, Kazuo Aoyama, y Otto Román, pp. 98-126. Informe entregado al Instituto de Antropología e Historia de Guatemala.

- 2009 **Munson, Jessica.** Going global to eat local. *Current Anthropology* 50(3):279.
- 2009 Macri, Martha. J., Matthew G. Loooper and **Jessica Munson.** Statements of sociopolitical network interactions in Classic Maya texts. *Glyph Dwellers*. Report 27. Available at: <http://nas.ucdavis.edu/NALC/glyphdwellers.html>.
- 2008 **Munson, Jessica,** Kenichiro Tsukamoto, Manuel Alejandro de León. Levantamiento de mapa en Anonal. En *Informe del Proyecto Ceibal-Petexbatun: la Temporada de Campo 2008*. Editado por Takeshi Inomata, Daniela Triadan, Otto Roman, pp. 32-36. Informe entregado al Instituto de Antropología e Historia de Guatemala.
- 2008 **Munson, Jessica,** Manuel Alejandro de León, Mónica Cortave. Registro y excavaciones en la estructura 1 de Anonal: Operaciones 1A, 1B, y 2A. En *Informe del Proyecto Ceibal-Petexbatun: la Temporada de Campo 2008*. Editado por Takeshi Inomata, Daniela Triadan, Otto Román, pp. 37-43. Informe entregado al Instituto de Antropología e Historia de Guatemala.
- 2006 **Munson, Jessica,** Takeshi Inomata, Omar Schwendener, David Trautman, Matthew Vaccaro. Informe sobre los grupos de templo menor en Ceibal. En *Informe del Proyecto Arqueológico Ceibal: la Temporada de Campo 2006*. Editado por Erick M. Ponciano, Daniela Triadan y Takeshi Inomata, pp. 1-11. Informe entregado al Instituto de Antropología e Historia de Guatemala.
- 2006 Inomata, Takeshi, Erick Ponciano, Daniela Triadan, **Jessica Munson,** Ruth Orozco. Excavaciones en el patio este del grupo A: Operacion 201A. En *Informe del Proyecto Arqueológico Ceibal: la Temporada de Campo 2006*. Editado por Erick M. Ponciano, Daniela Triadan y Takeshi Inomata, pp. 1-15. Informe entregado al Instituto de Antropología e Historia de Guatemala.
- 2005 **Munson, Jessica.** Recorrido alrededor de Ceibal. En *Informe del Proyecto Arqueológico Aguateca Segunda Fase: la Temporada de Campo 2005*. Editado por Erick M. Ponciano, Daniela Triadan y Takeshi Inomata, pp. 1-8. Informe entregado al Instituto de Antropología e Historia de Guatemala.
- 2004 Eberl, Markus, **Jessica Munson,** Daniela Triadan, Takeshi Inomata y Lorena Paíz. Transecto Sur. En *Informe del Proyecto Arqueológico Aguateca Segunda Fase: la Temporada de Campo 2004*, pp. 1-10. Editado por Erick M. Ponciano, Daniela Triadan y Takeshi Inomata. Informe entregado al Instituto de Antropología Historia de Guatemala.

Article and Book Reviews

- 2009 **Munson, Jessica.** "Bottlenecks in the production of homebrew." Rev. of "Ancient beer and modern brewers: Ethnoarchaeological observations of *chicha* production in two regions of the North Coast of Peru." *Current Anthropology* 50(5): 588.

- 2009 **Munson, Jessica.** "Mapping water on stone." Rev. of "A Pre-Columbian Map of the Mississippi?" *Current Anthropology* 50(4): 411-412.
- 2009 **Munson, Jessica.** "Sharing seaweed and constructing identities in the school cafeteria." Rev. of "Negotiating ethnic boundaries and identity in food exchange." *Current Anthropology* 50(3): 277.
- 2009 **Munson, Jessica.** "Speculating on the origins of memory." Rev. of "Did meditating make us human?" *Current Anthropology* 50(2): 180.
- 2009 **Munson, Jessica.** "Recycled objects and reflections on rubbish." Rev. of "The materiality of domestic waste: the recycled cosmology of the Dogon of Mali." *Current Anthropology* 50(1): 2.
- 2009 **Munson, Jessica.** "Local leaders affect noble change." Rev. of *Intermediate Elites in Pre-Columbian States and Empires*. *Arizona Anthropologist* 19.

TEACHING EXPERIENCE

Department of Sociology/Anthropology and Archaeology Program, Lycoming College

- Introduction to Archaeology (Fall 2015, Spring 2016, Fall 2016)
- Mesoamerican Archaeology (Fall 2015, Spring 2017)
- History of Latin American Archaeology (Fall 2015)
- Archaeology of Ritual (Spring 2016)
- Origins of Social Inequality (First Year Seminar, Fall 2016)
- Archaeological Field Methods (May Term 2017)
- Talking Trash: Archaeology of Everyday Life (Spring 2017)
- Archaeological Research Design (Spring 2017)

Department of Linguistics, University of California Davis (Instructor)

- Coding and Decoding Maya Hieroglyphic Writing (Freshmen Seminar, Fall 2014)

Department of Archaeology, Simon Fraser University (Instructor)

- Directed Readings Seminar: The Classic Maya (Summer/Fall 2013)

School of Anthropology, University of Arizona (Instructor and Teaching Assistant)

- Mesoamerican Archaeology: The Maya (Summer 2010, Summer 2011, Instructor)
- Patterns in Prehistory (Winter 2008, Summer 2009, Instructor)
- Patterns in Prehistory (Fall 2009, TA for David Killick)
- Origins of Human Diversity (Spring 2007, Spring 2008, TA for Takeshi Inomata)
- Patterns in Prehistory (Fall 2006, TA for Steve Kuhn)
- Primate Behavior and Ecology Field School, La Suerte Biological Research Station, Costa Rica (Summer 2004, TA for Michelle Bezanson)

RESEARCH EXPERIENCE

- 2016- Director, Altar de Sacrificios Archaeological Project (ALSAP), Petén, Guatemala. Funded by: Wenner-Gren, Lycoming College.
- 2013-16 Co-Principal Investigator, Cultural Evolution of Human Communication Systems: Investigating Linguistic Diversity and Social Change with Maya Hieroglyphic Writing. Funded by: Interdisciplinary Behavioral and Social Science Research Program, National Science Foundation.
- 2008-09 Sub-director, Ceibal-Petexbatun Archaeological Project, Petén, Guatemala. Doctoral dissertation field research supported by National Science Foundation.
- 2006-07 Research Assistant, Center for Applied Spatial Analysis, University of Arizona.
- 2006 Project Archaeologist, Ceibal-Petexbatun Archaeological Project, Petén, Guatemala.
- 2006/12 Collections Research, Peabody Museum of Archaeology and Ethnology, Harvard University.
- 2004-05 Mapping Assistant, Aguateca Archaeological Project, Petén, Guatemala.
- 2002 Archaeological Crew Member, University of Arizona Archaeological Field School. Forestdale Valley, Arizona.

CONFERENCE ACTIVITY

Symposia Organized

- 2013 “Cooperation, Conflict and the Cultural Evolution of Religion.” 2nd Annual Symposium of the Human Evolutionary Studies Program, Simon Fraser University, Burnaby, BC. February 14-16.
- 2011 “The Enduring Legacy of Ceibal.” Symposium at the Society for American Archaeology meetings, Sacramento, CA. April 2.
- 2008 “Connected Pasts: Current Network Approaches in Archaeology.” Symposium at the Society for American Archaeology meetings, Vancouver, BC. March 29.

Conference Presentations (* invited)

- 2016 “Proyecto Arqueológico Altar de Sacrificios: Nuevas Investigaciones y Resultados de la Primera Temporada, 2016.” Paper presented at the XXX Simposio de Investigaciones Arqueológicas en Guatemala, Guatemala City. July 22.

- 2016* “Diversity and divergence of Classic Maya ritual traditions: A lexical perspective on within-group cultural variation.” Paper presented at the Society for American Archaeology Meetings, Orlando, FL. April 9.
- 2015* “Reconstructing cultural transmission pathways with Classic Maya hieroglyphic monuments: Analytical challenges for archaeological network science.” Keynote lecture in the workshop “Digging a vertex, finding the edges: Approaches to social network analysis in archaeology.” University of Cologne, Germany. July 3-4.
- 2015* “Cultural evolution and ritual transmission in Classic Maya networks.” Paper presented at XXXV Sunbelt Conference, International Network of Social Network Analysis meetings, Brighton, UK. June 25.
- 2015 “Divergent dynastic traditions: Investigating patterns of ritual variation in Classic Maya writing.” Poster presented at 1st Annual University of California Davis Postdoctoral Symposium. May 14.
- 2015 “Measuring grapheme innovation in Classic Maya Writing.” Co-author of poster presented at the Society for American Archaeology Meetings, San Francisco, CA. April 17.
- 2015 “Divergent dynastic traditions: Investigating patterns of ritual variation in Classic Maya writing.” Primary author of poster presented at the Society for American Archaeology Meetings, San Francisco, CA. April 17.
- 2015 “Cultural innovations in Maya hieroglyphic writing: Tracking the co-evolution of graphic, linguistic, and contextual information in an ancient script.” Poster to be presented at the American Academy for the Advancement of Science Annual Meeting, San Jose, CA. February 15.
- 2014* “Cultural evolution of costly displays in Classic Maya society: Evidence of ritual bloodletting in the hieroglyphic record.” Paper presented at the American Anthropological Association Meetings, Washington, DC. December 7.
- 2014* “Classic Maya bloodletting in cultural evolutionary perspective.” Paper presented at the Society for American Archaeology Meetings, Austin, TX. April 25.
- 2014* “Sociopolitical networks and the transmission of ritual practices in Classic Maya Society.” Paper presented at the XXXIV Sunbelt Conference, International Network of Social Network Analysis meetings, St. Pete, FL. February 21.
- 2013* “Self-sacrifice for the group? Evaluating the role of costly ritual in Classic Maya society.” Paper and poster presented at the 2nd Annual CERC Plenary Conference, University of British Columbia, Vancouver, BC. May 4.

- 2013 “Self-sacrifice for the group? Costly rituals in Classic Maya society.” Paper presented at the 2nd Annual Symposium of the Human Evolutionary Studies Program, Simon Fraser University, Burnaby, BC. February 15.
- 2013* “Social and material transformations in an early Maya community: Architectural practices at Caobal, Guatemala. Paper presented at the Society for American Archaeology Meetings, Honolulu, HI. April 5.
- 2012 “Building chronologies and constructing temples: Correlating Preclassic Maya architectural sequences with multivariate techniques.” Poster presented at the Society for American Archaeology meetings, Memphis, TN. April 19.
- 2011 “A network analysis of political rhetoric and relations of power in Classic Maya writing.” Co-authored with Jonathan Scholnick and Martha Macri. Paper presented at the American Anthropological Association meetings, Montreal, QC. November 18.
- 2011 “Public architecture and community ritual at Caobal in the Middle Preclassic.” Paper presented at the Society for American Archaeology meetings, Sacramento, CA. April 2.
- 2010 “Fundamentos de una pasada conmemorada: Arquitectura de un templo del período Preclásico Medio en Anonal.” Paper presented at the XXIV Simposio de Investigaciones Arqueológicas, Guatemala. July 14.
- 2008 “Network dynamics of Classic Maya society: Epigraphic insights on network structure, growth, and decomposition.” Paper presented at Society for American Archaeology meetings, Vancouver, BC. March 29.
- 2006 “Seeing temples through the trees: Documenting land use and social change at the ancient Maya site of Seibal with radar remote sensing.” Poster presented at the Archaeological Science of the Americas conference, Tucson, Arizona. September 13.
- 2006 “House Mounds, Temples, and Landscapes: Domestic Land Use and Sociopolitical Organization of Late Classic Seibal.” Paper presented at the Society for American Archaeology meetings, San Juan, PR. April 28.
- 2005 “Detection of Ancient Maya Along the Pasion River Using Radar Remote Sensing Technology.” Paper presented at the National Geographic Society Roundtable *Evaluating the Implementation of AIRSAR as an Archaeological Tool in Mexico and Central Mexico*, Washington, DC. October 14.
- 2005* “Social Integration of Puebloan Architecture in the Mogollon Rim Region: An Open Space Analysis.” Paper presented at the Society for American Archaeology meetings, Salt Lake City, UT. April 1.

Conference Discussant

- 2011 "Research utilizing the Maya Hieroglyphic Database." Invited discussant at the Society for American Archaeology meetings, Sacramento, CA. April 1.

Workshop Participation

- 2015 Analysing Network Dynamics and Peer Influence Processes with RSiena. Led by Christian Steiglich at XXXV Sunbelt Conference, International Network of Social Network Analysis meetings, Brighton, UK. June 23.
- 2014 Advanced Social Network Analysis Using UCINET and Netdraw. Led by Martin Everett and Steve Borgatti at XXXIV Sunbelt Conference, International Network of Social Network Analysis meetings, St. Pete, FL. February 17.
- 2014 Social Network Approaches for Behavior Change. Led by Thomas Valente at XXXIV Sunbelt Conference, International Network of Social Network Analysis meetings, St. Pete, FL. February 18.
- 2013 Intermediate Hieroglyphic Workshop. Led by Dr. Danny Law, Maya Meetings at The Mesoamerican Center, University of Texas at Austin. January 15-16.
- 2007 Research seminar and practical workshop in archaeological soil micromorphology. Led by Dr. Richard MacPhail, Institute of Archaeology, University College London. November 5-7.
- 2005 National Geographic Society Roundtable: Evaluating the Implementation of AIRSAR as an Archaeological Tool in Mexico and Central Mexico." Washington, DC. October 14.

INVITED TALKS

- 2016 "Investigating the quality of life in ancient Maya households." Invited lecture in the Mesoamerican Archaeology Lab Group Meeting, Department of Anthropology, Pennsylvania State University, September 16.
- 2016 "The evolution of ritual signaling and dynastic traditions in Classic Maya society." Invited lecture in the Pennsylvania State University Department of Anthropology Colloquium Series, September 16.
- 2016 "Archaeological investigations at Altar de Sacrificios, Guatemala." Invited lecture in the Archaeology Colloquium Lecture Series, Lycoming College, September 20.

- 2016 “Archaeology, nationalism, and independence: Appropriating the pre-Hispanic past in nineteenth-century Central America.” Invited lecture in the Lycoming College Scholars Seminar, Lycoming College, February 2.
- 2015 “Classic Maya writing in the digital age: Recent studies by the Maya Hieroglyphic Database Project.” Invited lecture in the Archaeology Colloquium Lecture Series, Lycoming College, September 1.
- 2015 “Reconstructing cultural transmission pathways with Classic Maya hieroglyphic monuments: Analytical challenges for archaeological network science.” Invited lecture in the Algorithmics Group, Department of Computer and Information Science, University of Konstanz, June 30.
- 2015 “Cultural variation in Classic Maya royal rituals: A lexical perspective.” Invited lecture in the Occasional Speaker Series, Far Western Anthropological Research Group, Davis, CA. April 29.
- 2015 “Using glyphic innovation and diversity to infer the social and spatial scale of learning among Classic Maya scribes.” Invited lecture in the Department of Linguistics Colloquium Series, University of California Davis. April 10.
- 2014 “Costly signs of commitment in Classic Maya society: Textual references to ritual bloodletting and the performance of war.” Invited lecture in the Department of Anthropology Colloquium, University of California Davis. November 17.
- 2012 “Building on the past: Continuity and disjuncture in prehispanic Maya temple construction at Caobal, Petén, Guatemala.” Invited lecture in the Department of Archaeology Seminar Series, Simon Fraser University, Burnaby, BC. January 26.
- 2011 “Building on the past: Temple histories and communities of practice at Caobal, Petén, Guatemala.” Research report presented at Dumbarton Oaks Research Library, Washington, DC. May 2.

PEDAGOGICAL TRAINING

- 2015-16 Teaching Effectiveness Workshop Series, Lycoming College.
- 2014-15 Instructional Workshop Series, “Exploring Hybrid and Online Courses,” Center for Excellence in Teaching and Learning, University of California Davis.
- 2012 Instructional Skills Workshop, “Strategies for Aligning Teaching and Learning,” Simon Fraser University.
- 2009 Online course development training, School of Anthropology, University of Arizona.

2006 Graduate Assistant in Teaching Orientation, School of Anthropology, University of Arizona.

PROFESSIONAL EXPERIENCE

2009 Acquisitions Editorial Intern, University of Arizona Press.

2008-09 Editorial Associate, Current Anthropology, Wenner-Gren Foundation.

2005 Assistant Director, Department of Geospatial Technology, Statistical Research, Inc., Tucson, Arizona.

2002-04 Geospatial Analyst, Department of Geospatial Technology, Statistical Research, Inc., Tucson, Arizona.

PROFESSIONAL SERVICE

2012-15 Alumni Schools Committee, Princeton University.

2011-13 Publications committee, Society for American Archaeology.

DEPARTMENTAL SERVICE

2016- Independent Studies Committee, Lycoming College.

2015- Archaeology Curriculum Development Committee, Lycoming College.

2008-09 Institutional Subscriptions Manager, Arizona Anthropologist.

2006 Student Representative, School of Anthropology Lecture Series Committee, University of Arizona.

2005-06 Treasurer, University of Arizona Anthropology Graduate Student Association.

2005 Graduate Student Mentor, School of Anthropology, University of Arizona.

2004-05 Volunteer, Old Pueblo Archaeology Center, Tucson.

STUDENT SUPERVISION

2016 Jacqueline Croteau (Lycoming College), summer intern, Honors Project

- 2014 Jennifer Straus (Bryn Mawr College), intern Maya Hieroglyphic Database Project
2012 Christopher Carleton (Simon Fraser University), MA Thesis
2012 Amelia Barker (Simon Fraser University), MA Thesis

PEER REVIEW

Archaeological and Anthropological Sciences
Current Anthropology
National Science Foundation
Journal of Anthropological Archaeology
Journal of Archaeological Research

MEDIA RELATIONS

Interviewed for article featuring postdoctoral research in *Davis Enterprise*, "Science at your doorstep: Interpreting ancient Mayan hieroglyphs" (Feb. 11, 2015).
<http://www.davisenterprise.com/local-news/science-at-your-doorstep-interpreting-ancient-mayan-hieroglyphics/>

Interviewed for article featuring postdoctoral research in *University Affairs*, "Does religion make us better?" (Nov. 6, 2013). <http://www.universityaffairs.ca/is-god-good.aspx>.

LANGUAGES

English (native speaker)
Spanish (speaking, reading, and writing)

PROFESSIONAL ORGANIZATIONS

American Anthropological Association
Archaeological Institute of America
Society for American Archaeology
Society for the Study of Cultural Evolution