

## Publications by Archaeology Graduate Students, 2010-2015

Bolded names are current archaeology graduate students in SHESC, as of fall 2015.

Barton, C. Michael, Isaac Ullah and **Sean Bergin**

2010 Land-Use, Water and Mediterranean Landscapes: Modeling Long-Term Dynamics of Complex Socioecological Systems. *Proceedings of the Royal Society A* 368(1931): 5275-5297.

Barton, C. Michael, Isaac I. T. Ullah, **Sean M. Bergin**, Helena Mitsova and Hessam Sarjoughian

2012 Looking for the future in the past: Long-term change in socioecological systems. *Ecological Modelling* 241:42-53.

**Bergin, Sean M.**

2014 Under the Microscope: Edge Wear Analysis of Chipped Stone Artifacts. In *The Sands of Time: The Desert Neolithic Settlement at Ayn Abū Nukhayla*, edited by Donald O. Henry and Joseph E. Beaver, pp. 193-203. Ex Oriente, Berlin.

Bernabeu Aubán, Joan, C. Michael Barton, Salvador Pardo Gordó and **Sean M. Bergin**

2015 Modeling initial Neolithic dispersal. The first agricultural groups in West Mediterranean. *Ecological Modelling* 307:22-31.

Brown, Kyle S., Curtis W. Marean, Zenobia Jacobs, Benjamin J. Schoville, **Simen Oestmo**, Erich C. Fisher, Jocelyn Bernatchez, Panagiotis Karkanas and Thalassa Matthews

2012 An early and enduring advanced technology originating 71,000 years ago in South Africa. *Nature* 491(7425):590-593.

**Cegielski, Wendy**

2010 Chieftoms and Structural Resilience to Stress (Version 1). 1 ed, CoMSES Computational Model Library.

**Cegielski, Wendy** and Brad R. Lieb

2011 Hina' Falaa, "The Long Path": An Analysis of Chickasaw Settlement Using GIS in Northeast Mississippi, 1650-1840. *Native South* 4(1):24-54.

Chase, Arlen F., Diane Z. Chase, Richard Terry, Jacob M. Horlacher and **Adrian S.Z. Chase**

2015 Markets Among the Ancient Maya: The Case of Caracol, Belize. In *The Ancient Maya Marketplace: The Archaeology of Transient Space*, edited by E. King, pp. 226-250. University of Arizona Press, Tucson, AZ.

**Chase, Adrian S.Z.** and Aubrey M.Z. Chase

2015 Ceramic Standardization and the Domestic Economy of the Ancient Maya: Belize Red Tripod Plates at Caracol, Belize. *Research Reports in Belizean Archaeology* (12): 65-76.

**Dennehy, Timothy J.**

2013 Security in the City. *The SAA Archaeological Record, Society for American Archaeology* 13(5):28-32.

Ebert, Claire and **Timothy J. Dennehy**

2013 Preliminary Investigations At Tzutziiy K'in. In *The Belize Valley Archaeological Reconnaissance Project: A Report of the 2012 Field Season*, edited by Julie A. Hoggarth, Reiko Ishihara-Brito and Jaime J. Awe, pp. 185-209. vol. 18. Belize Institute of Archaeology, National Institute of Culture and History, Belmopan, Belize.

Freeman, Jacob, John M. Anderies, **Andrea Torvinen** and Ben A. Nelson

2014 Crop Specialization, Exchange and Robustness in a Semi-arid Environment. *Human Ecology* 42(2):297-310.

Garcia-Gonzalez, Jesus, Katherine Thompson, **Sarah Oas**, Van Patterson, Daina Rasutis, Christopher Robinson, Deborah Namugayi, Geoffrey Goodwin, and Hallie Eakin

In press A Preliminary Assessment of the Phoenix Valley Food System. Accepted for publication in *Journal of Agriculture, Food Systems, and Community Development*.

**Gravel-Miguel, Claudine**

2015 Using Species Distribution Modeling to contextualize Lower Magdalenian social networks visible through portable art stylistic similarities in the Cantabrian region (Spain). *Quaternary International*.

Hegmon, Michelle, Jacob Freeman, Keith W. Kintigh, Margaret C. Nelson, **Sarah Oas**, Matthew A. Peeples, and **Andrea Torvinen**

In press "Making and Marking Difference: Representational Diversity in the US Southwest." Accepted for publication in *American Antiquity*.

Henry, Donald, Seiji Kadowaki and **Sean Bergin**

2014 Reconstructing Early Neolithic Social and Economic Organization through Spatial Analysis at Ayn Abu Nukhayla, Southern Jordan. *American Antiquity* 79(3):401-424.

Henry, Donald O., **Sean Bergin** and Seiji Kadowaki

2011 Tracing Floors and Fills in Early Neolithic Pithouses: An Example from the Excavation of Ayn Abū Nukhayla, Southern Jordan. In *Between Sand and Sea. The Archaeology and Human Ecology of Southwestern Asia*, edited by Nicholas Conard, Richard Meadow and Arturo Morales, pp. 91-112. Festschrift in Honor of Hans-Peter Uerpmann. Tübingen, Kerns Verlag.

- Henry, Donald O., Seiji Kadowaki and **Sean M. Bergin**  
 2014 Stratigraphic Identification and Spatial Examination of House Floors at Ayn Abū Nukhayla. In *The Sands of Time: The Desert Neolithic Settlement at Ayn Abū Nukhayla*, edited by Donald Henry and Joseph E. Beaver, pp. 287-313. Ex Oriente, Berlin.
- Huster, Angela C.**  
 2013 Assessing Systematic Bias in Museum Collections: A Case Study of Spindle Whorls. *Advances In Archaeological Practice* 1(2):77-90.
- Huster, Angela C.** and Michael E. Smith  
 2015 A New Archaeological Chronology for Aztec-Period Calixtlahuaca, Mexico. *Latin American Antiquity* 26(1):3-25.
- Huster, Angela C.**, Michael E. Smith and Juliana Novic  
 2015 Artefactos Rituales de Contextos Públicos y Domésticos en Calixtlahuaca. In *Bajo el volcán. Vida y ritualidad en torno al Nevado de Toluca*, edited by Pilar Luna, Arturo Montero and Roberto Junco, pp. 203-223. INAH, México.
- Meredith, Clayton and **Timothy J. Dennehy**  
 2015 Excavations at Tzib'te Yux Rockshelter. In *Uxbenka Archaeological Project: Report of the 2014 Field Season*, edited by Keith M. Prufer and Amy Thompson, pp. 33-36. University of New Mexico Press, Albuquerque, NM.
- Myers, Aaron, Sunil Movva, Rajasekar Karthik, Budhendra Bhaduri, Devin A. White, Neil Thomas and **Adrian S. Z. Chase**  
 2014 BioenergyKDF: Enabling Spatiotemporal Data Synthesis and Research Collaboration. *Proceedings of the Proceedings of the 22nd ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems*:497-500. Dallas, TX.
- Nelson, Ben A., **Adrian S. Z. Chase** and Michelle Hegmon  
 2014 Transformative Relocation in the U.S. Southwest and Mesoamerica. *Archeological Papers of the American Anthropological Association* 24(1):171-182.
- Oas, Sarah E.**, A. Catherine D'Andrea and Derek J. Watson  
 2015 10,000 year history of plant use at Bosumpra Cave, central Ghana. *Vegetation History and Archaeobotany* 24(5):635-653.
- Oestmo, Simen**  
 2013 Digital imaging technology and experimental archeology: a methodological framework for the identification and interpretation of fire modified rock (FMR). *Journal of Archaeological Science* 40(12):4429-4443.
- Oestmo, Simen** and Curtis W. Marean  
 2014 Pinnacle Point: Excavation and Survey Methods. In *Encyclopedia of Global Archaeology*, edited by Claire Smith, pp. 5955-5959. Springer, New York, NY.

2015 Excavation and survey at Pinnacle Point. In *Field Archaeology from Around the World: Ideas and Approaches*, edited by Martin Carver, Bisserka Gaydarska and Sandra Monton-Subias, pp. 123-126. Springer, New York, NY.

**Oestmo, Simen**, Benjamin J. Schoville, Jayne Wilkins and Curtis W. Marean

2014 A Middle Stone Age Paleoscape near the Pinnacle Point caves, Vleesbaai, South Africa. *Quaternary International* 350:147-168.

Rego, Justin P. and **Wendy H. Cegielski**

2014 Gradiometry survey and magnetic anomaly testing of Castros de Neixón, Galicia, Spain. *Journal of Archaeological Science* 46:417-427.

Riel-Salvatore, Julien and **Claudine Gravel-Miguel**

2013 Upper Palaeolithic Mortuary Practices in Eurasia. A Critical Look at the Burial Record. In *The Oxford Handbook of the Archaeology of Death and Burial*, edited by Sarah Tarlow and Liv Nilsson Stutz, pp. 303-346. Oxford University Press, Oxford.

Rollins, Nathan D., C. Michael Barton, **Sean Bergin**, Marco A. Janssen and Allen Lee

2014 A Computational Model Library for publishing model documentation and code. *Environmental Modeling & Software* 61:59-64.

**Russell, Will G.**

2010 The Role of El Paso Polychrome in Refining Site Chronology at Roadmap Village and Las Animas Village, New Mexico. *Kiva* 76(1):7-32.

2014 Keeping Track: Ceremonial Racetracks, Integration, and Change in Central Arizona. In *Alliance and Landscape on Perry Mesa in the Fourteenth Century*, edited by David R. Abbott and Katherine Spielmann, pp. 161-185. University of Utah Press, Salt Lake City, UT.

**Russell, Will G.** and Michael J. Hoogendyk

2012 Introduction. In *Prehistoric Cultures of the Perry Mesa Region: Proceedings of the Perry Mesa Symposium*, edited by Will G. Russell and Michael J. Hoogendyk. Friends of the Agua Fria National Monument, Phoenix, AZ.

**Russell, Will G.** and Michelle Hegmon

In press Identifying Mimbres Artists: A Quantitative Approach. Accepted for publication in *Advances in Archaeological Practice*.

**Russell, Will G.** and Nanabah Nez

2011 Review of Landscapes of Movement by James E. Snead, Clark L. Erickson, and J. Andrew Darling. *Anthropos* 106(2).

2012 Material Evidence of Immigrant Diversity within the Perry Mesa Tradition, Central Arizona. *Arizona Anthropologist* 22:1-58.

2012 Ritual Racetracks of the Perry Mesa Region. In *Prehistoric Cultures of the Perry Mesa Region: Proceedings of the Perry Mesa Symposium*, edited by Will G. Russell and Michael J. Hoogendyk, pp. 105-133. Friends of the Agua Fria National Monument, Phoenix, AZ.

**Russell, Will G.**, Nanebah Nez, **Christopher Caseldine**, Arleyn Simon, Jacob Freeman and Garrett Trask

2012 The Horseshoe Peak Site and Diachronic Landscape Use on the Middle Agua Fria River. In *Prehistoric Cultures of the Perry Mesa Region: Proceedings of the Perry Mesa Symposium*, edited by Will G. Russell and Michael J. Hoogendyk, pp. 163-180. Friends of the Agua Fria National Monument, Phoenix, AZ.

**Russell, Will G.**, Nanebah Nez and David Martinez

2012 Indigenous History, Religious Theory, and the Archaeological Record: A Holistic Approach to the Terminal Hohokam Classic Period. *Journal of Religion, Conflict, and Peace* 4(2).

**Russell, Will G.**, Hoski Schaafsma and Katherine Spielmann

2011 Toward Common Ground: Racing as an Integrative Strategy in Prehistoric Central Arizona, A.D. 1100-1400. *Kiva* 76(4):377-412.

Schollmeyer, Karen G., **Will G. Russell** and Margaret C. Nelson

2010 Excavations at Two Thirteenth-Century Villages West of Truth or Consequences. *Newsletter of the New Mexico Archaeological Council* 4(2):2-13.

Shew, Dana Ogo and **April Kamp-Whittaker**

2012 Perseverance and Prejudice: Maintaining Community in Amache: Colorado's World War II Japanese Internment Camp. In *Prisoners of War: Archaeology, Memory, and Heritage of 19th- and 20th- Century Mass Internment*, edited by Harold Mytum and Gilly Carr, pp. 303-317. Springer, New York, NY.

Simon, Arleyn, Jennifer Huang, Tina Carpenter and **Will G. Russell**

2014 Demarcation of the Landscape: Rock Art Evidence for Alliance, Conflict, and Subsistence at Perry Mesa, Arizona. In *Alliance and Landscape on Perry Mesa in the Fourteenth Century*, edited by David R. Abbott and Katherine Spielmann, pp. 104-130. University of Utah Press, Salt Lake City, UT.

Smith, Michael E., Aleksander Borejsza, **Angela C. Huster**, Charles D. Frederick, Isabel Rodríguez López and Cynthia Heath-Smith

2013 Aztec period houses and terraces at Calixtlahuaca: The changing morphology of a Mesoamerican hilltop urban center. *Journal of Field Archaeology* 38(3):225-241.

Smith, Michael E., **Timothy Dennehy**, **April Kamp-Whittaker**, Emily Colon and Rebecca Harkness

2014 Quantitative Measures of Wealth Inequality in Ancient Central Mexican Communities. *Advances in Archaeological Practice* 2(4):311-323.

Smith, Michael E., **Timothy Dennehy**, **April Kamp-Whittaker**, Benjamin W. Stanley, Barbara L. Stark and Abigail York

2015 Conceptual approaches to service provision in cities throughout history. *Urban Studies*.

Smith, Michael E., Juliana Novic, **Angela C. Huster** and Peter C. Kroefges

2009 Reconocimiento superficial y mapeo en Calixtlahuaca en 2006. *Expresión Antropológica (Instituto Mexiquense de Cultura)* 36:39-55.

Stanley, Benjamin W., Timothy J. Dennehy, Michael E. Smith, Barbara L. Stark, Abigail M. York, George L. Cowgill, Juliana Novic and Jerald Ek

2015 Service Access in Premodern Cities: An Exploratory Comparison of Spatial Equity. *Journal of Urban History*.

**Torvinen, Andrea**, Michelle Hegmon, Ann P. Kinzig, Margaret C. Nelson, Matthew A. Peeples, Karen G. Schollmeyer, Colleen Strawhacker and **Laura Swantek**

2015 Transformation Without Collapse: Two Cases from the American Southwest. In *Beyond Collapse: Archaeological Perspectives on Resilience, Revitalization, and Transformation in Complex Societies*, edited by Ronald K. Fauseit, pp. 262-286. Southern Illinois University Press, Carbondale, IL.

Trask, Garrett and **Will G. Russell**

2011 Liminal and Transformation Ideology within the Mimbres Tradition. In *Patterns in Transition: Papers from the 16th Biennial Jornada Mogollon Conference*, edited by Melinda R. Landreth, pp. 113-134. El Paso Museum of Archaeology, El Paso, TX.

Ullah, Isaac I. T. and **Sean M. Bergin**

2012 Modeling the consequences of village site location: Least Cost Path Modeling in a coupled GIS and Agent-Based model of village agropastoralism in Eastern Spain. In *Least Cost Analysis of Social Landscapes: Archaeological Case Studies*, edited by Devin White and Sarah Surface-Evans, pp. 155-173. University of Utah Press.

Wright, Aaron M. and **Will G. Russell**

2011 The pipette, the tiered cosmos, and the materialization of transcendence in the rock art of the North American Southwest. *Journal of Social Archaeology* 11(3):361-386.

If you have any questions for graduate students, please contact the Archaeology Approach Graduate Student Representative, Christopher Schwartz, at [cwschwar@asu.edu](mailto:cwschwar@asu.edu).

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