

SARAH KLASSEN

Curriculum vitae

July 2018

School of Human Evolution and Social Change, Arizona State University
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EDUCATION

- 2018 Ph.D., Arizona State University, Tempe, AZ
Anthropology
Committee: Ben A. Nelson (co-chair), Charles Redman (co-chair), Mike Smith, Michael Barton, and Damian Evans
- 2013 M.A., Arizona State University, Tempe, AZ
Anthropology
- 2010 B.A., Dartmouth College, Hanover, NH
Anthropology (with honors) and Religion

ACADEMIC EMPLOYMENT

- 2019-2021 Social Sciences and Humanities Research Council (SSHRC) Postdoctoral Fellow, University of British Columbia, Vancouver, BC (January 2019 – January 2021)
- 2018 Mellon Fellow in Urban Landscape Studies, Garden and Landscape Studies Program at Dumbarton Oaks, Washington, DC (September – December 2018)

PUBLICATIONS

Peer-Reviewed Papers

- 2018 Will Russell, **Sarah Klassen**, and Katherine Salazar. “Lines of Communication: Mimbres Hachure and Concepts of Color,” *American Antiquity*. Volume 83, Issue 1, January 2018 (published online 17 October 2017), pp 109-127. <https://doi.org/10.1017/aaq.2017.52>
- 2018 Terry Lustig, **Sarah Klassen**, Damian Evans, Robert French, and Ian Moffat. “Evidence for the breakdown of an Angkorian hydraulic system, and its historical implications for understanding the Khmer Empire,” *Journal of Archaeological Science: Reports*. Volume 17, February 2018, pp 195-211 (published online 10 November 2017). <https://doi.org/10.1016/j.jasrep.2017.11.014>

Manuscripts in review

- N/A **Sarah Klassen** and Joyce White. “A Geographic Information Systems Model to Recommend Prehistoric Agrarian Sites in the Middle Mekong Basin for Excavation,” *Journal of Archaeological Science*. In review.

- N/A **Sarah Klassen**, Terry Lustig, and Damian Evans. “Systemic Failure in the Water Management of an Angkor-era Capital City: Adaptive Capacity at Koh Ker, Cambodia,” *PLOS ONE*. In review.
- N/A **Sarah Klassen**, Jonathan Weed, and Damian Evans. “Semi-supervised Machine Learning Applications in Archaeology,” *PLOS ONE*. In review.
- N/A Ian Moffat, **Sarah Klassen**, Tiago Attorre, Damian Evans, Terry Lustig, and Kong Leaksmy, “Geophysical Investigations of the Koh Ker Chute, Northern Cambodia,” *Geoarchaeology*. In review.
- N/A **Sarah Klassen** and Will Russel, “Reading Between the Lines: Ancient Color Codes and Evidence of Inter-Societal Complementarity,” *Sapiens*. In review.
- N/A **Sarah Klassen** and Will Russell, “Mortuary Distribution of Hachured Vessels and Blue-Green Stone in Mimbres Context,” *A Taste for Green*. In review.

Manuscripts in preparation

- N/A **Sarah Klassen**, Jonathan Weed, and Damian Evans. “Agricultural Implications from the Urban Morphology of Angkor, Cambodia.”
- N/A **Sarah Klassen**, “The Adaptive Capacity of medieval Angkor, Cambodia”
- N/A Ruby Kerwin and **Sarah Klassen**, “Initial Attempts to Produce a Chronology for Angkorian Period Pedestals.”
- N/A Rachel Lane, **Sarah Klassen**, and Ruby Kerwin, “Parting the Sea and Draining the Swamp: A Critical Review of Binary Approaches to Water Management.”
- N/A Ruby Kerwin and **Sarah Klassen**, “The Development of Hydroelectric Power on Ancestral Land in southern Chile”

Technical Reports (non-refereed)

- 2016 **Sarah Klassen**, Damian Evans, Terry Lustig, Nick Wiggins, “Excavations at the Koh Ker Chute.” Report on file, the Authority for the Protection and Management of Angkor and the Region of Siem Reap.
- 2014 **Sarah Klassen**. “Preliminary Analysis using Middle Mekong Archaeological Project GIS data: A Model to Recommend Prehistoric Agrarian Sites in the Middle Mekong Basin for Excavation.” Report on file, the Henry Luce Foundation.
- 2012 Will Russell, **Sarah Klassen**, John M. Bello, Erica J. Edwards, Zachary R. Knoll, Ryan M. Smigielski, and Rebeca B. Suarez. “Excavation Summary, Unit 10, Roadmap Village (LA45157), Sirrea County, New Mexico.” Report on file, School of Human Evolution and Social Change, ASU.

GRANTS, AWARDS, AND FELLOWSHIPS

External Research Grants and Fellowships

- 2016 Endeavour Fellowship, Australian Government, Department of Education and Training, \$23,000 AUD
- National Science Foundation Doctoral Dissertation Research Improvement Awards, Political Centralization and Water Management at Medieval Angkor, Cambodia (PI: Ben Nelson and Charles Redman, co-PI: Sarah Klassen), \$25,685 USD (1638137)
- Rust Family Foundation Research Grant, \$7,200 USD (PI: Sarah Klassen and Damian Evans)
- Grant-in-Aid of Research, Sigma Xi, \$400 USD
- 2015 The European Association of Southeast Asian Archaeologists (EurASEAA) Travel Award, 500 EUR
- 2014 Grant-in-Aid of Research, Sigma Xi, \$400 USD
- 2011 Dartmouth College General Fellowship for Graduate Research, \$5,500 USD

Internal Grants and Fellowships

- 2018 Ruppé Prize in Archaeology, runner-up, \$250 USD
- ASU Graduate College Travel Award, \$500 USD
- ASU Graduate and Professional Student Association Travel Grant, \$950 USD
- ASU Graduate and Professional Student Association Career Development Grant, \$550 USD
- 2017-2018 ASU College of Liberal Arts and Sciences Graduate Dissertation Completion Fellowship, \$18,000 USD
- ASU School of Human Evolution and Social Change Dissertation Completion Fellowship, \$18,000 USD (Declined)
- 2017 ASU School of Human Evolution and Social Change Student Research Grant, \$2,670 USD
- Graduate Research Support Grant, Graduate and Professional Student Association, the Office of Graduate Education, and the Office of the Vice President for Research and Economic Affairs, ASU, \$2000 USD
- ASU College of Liberal Arts and Sciences Graduate Excellence Award
- 2016 ASU College of Liberal Arts and Sciences Graduate Excellence Award
- 2015 ASU Graduate and Professional Student Association Travel Grant, \$950 USD

- 2014 Graduate Research Support Grant, Graduate and Professional Student Association, the Office of Graduate Education, and the Office of the Vice President for Research and Economic Affairs, ASU, \$750 USD
ASU Graduates in Integrative Society and Environmental Research (GISER) Research Seed Funds, \$2,000 USD
- 2013 Conference Travel Grant, School of Human Evolution and Social Change, ASU, \$250 USD
Norm Perrill Origins Project Scholarship, ASU, \$1,000 USD
ASU School of Human Evolution and Social Change Graduate Research Award, \$1,500 USD
ASU Graduate and Professional Student Association Travel Grant, \$1,900 USD
- 2012 ASU Graduate and Professional Student Association Travel Grant, \$735 USD
- 2008-2010 Sandra and Arthur Irving Scholarship, \$75,000 USD
- 2009 Claire Garber Goodman Research Grant, \$3,850 USD
Rockefeller Senior Honors Thesis Grant, \$750 USD
Dean of the Faculty Grant: Kaminsky Family Fund Award, \$2,000 USD
- 2008 Dartmouth College Funds for Educational Enrichment, \$450 USD
NCAA Academic Enrichment, \$1,000 USD
Charles G. & Alma Milham Award

INVITED TALKS

- 2018 **Sarah Klassen**, “Water Management at Angkor, Cambodia,” Human Impact, Arizona State University, Guest Lecture, Tempe, Arizona (March 27)
- 2017 **Sarah Klassen**, “An archaeological perspective on resilience and water management systems,” Scholarship sponsorship talk, monthly meeting, Philanthropic Educational Organization (P.E.O.), Phoenix, Arizona (April 23).
- 2015 **Sarah Klassen**, “Angkor, Water, and a New Kind of Urbanism,” Buried Cities and Lost Tribes: Old World, Mesa Community College, Guest Lecture, Mesa, Arizona (March 9).

CONFERENCE PARTICIPATION

Panels Organized

- 2018 “Urbanism, Production, and Empire: New Case Studies from Angkorian Cambodia,” at the Society for American Archaeology 83rd Annual Meeting, Washington, DC (April 11-15).

Papers

- 2018 **Sarah Klassen**, “The Adaptive Capacity of the Water Management System of Angkor, Cambodia,” Society for American Archaeology 83rd Annual Meeting, Washington, DC (April 11-15).
- 2018 Ruby Kerwin and **Sarah Klassen**, “The Development of Hydroelectric Power on Ancestral Land in southern Chile” Society for American Archaeology 83rd Annual Meeting, Washington, DC (April 11-15).
- 2018 Rachel Lane, **Sarah Klassen**, and Ruby Kerwin, “Parting the Sea and Draining the Swamp: A Critical Review of Binary Approaches to Water Management,” Society for American Archaeology 83rd Annual Meeting, Washington, DC (April 11-15).
- 2018 **Sarah Klassen**, “An Amalgamation of Centralized and Decentralized Water Management Strategies: An Archaeological Case-Study from Medieval Cambodia,” Society for Economic Anthropology Annual Meeting on Water & Economy, Tempe, AZ (March 1-3)
- 2017 **Sarah Klassen**, Ian Moffat, Terry Lustig, Damian Evans, “Noninvasively Mapping Subsurface Topography to Understand Hydraulic Failure: Results from GPR Investigations of a Water Management Feature at Koh Ker, Cambodia,” 16th International Conference of the European Association of Southeast Asian Archaeologists, Poznań, Poland (July 3-7).
- 2017 **Sarah Klassen** and Ruby Kerwin, “Initial Attempts to Produce a Chronology for Angkorian Period Pedestals,” 16th International Conference of the European Association of Southeast Asian Archaeologists, Poznań, Poland (July 3-7).
- 2017 Terry Lustig, **Sarah Klassen**, Damian Evans, and Robert French, “The Short Life of a Water-Control Feature and Koh Ker’s Short Term as the Khmer Political Center,” 16th International Conference of the European Association of Southeast Asian Archaeologists, Poznań, Poland (July 3-7).
- 2017 **Sarah Klassen**, Jonathan Weed, and Damian Evans, “Untangling the Urban Morphology of medieval Angkor, Cambodia.” Society for American Archaeology 82nd Annual Meeting, Vancouver, BC (March 29 – April 2).
- 2017 Will Russell and **Sarah Klassen**, “The Presence and Potential Representation of Turquoise at the Mimbres Site of Galaz.” Society for American Archaeology 82nd Annual Meeting, Vancouver, BC (March 29 – April 2).
- 2017 **Sarah Klassen**, Jonathan Weed, and Damian Evans, “Discerning the Urban Morphology of Angkor Using a Semi-Supervised Algorithm for Manifold Learning.” International Conference on Computer Applications and Quantitative Methods in Archaeology, Atlanta, GA (March 14-16).
- 2016 **Sarah Klassen**, Terry Lustig, and Damian Evans, “Using Adaptive Capacity to Assess the Water Management System of Koh Ker, Cambodia.” Society for American Archaeology 81st Annual Meeting, Orlando, FL (April 6-10).

- 2015 **Sarah Klassen**, Damian Evans, Terry Lustig, and Barry le Plastrier. “Evaluating the Sustainability of an Angkor-Period Engineered Landscape at Koh Ker, Cambodia.” 15th International Conference of the European Association of Southeast Asian Archaeologists. Paris, France (July 6-10).
- 2015 **Sarah Klassen**, Damian Evans, Terry Lustig, Barry le Plastrier, and Eileen Lustig, “Evaluating the Sustainability of an Angkor-Period Engineered Landscape at Koh Ker, Cambodia.” Society for American Archaeology 80th Annual Meeting, San Francisco, CA (April 15-19).
- 2015 **Sarah Klassen** and Joyce White, “Preliminary Analysis using Middle Mekong Archaeological Project GIS data: A Model to Recommend Prehistoric Agrarian Sites in the Middle Mekong Basin for Excavation,” Asian Network for GIS-based Historical Studies (Japan), Bangkok, Thailand (January 5-6).
- 2014 Kim Samnang, **Sarah Klassen**, and Joyce White, “Hoabinhian Landscape Use in Luang Prabang Province: A Geospatial Assessment,” the 20th Indo-Pacific Prehistory Association Congress, Siem Reap, Cambodia (January 12-18).
- 2014 **Sarah Klassen** and Joyce White, “Modeling Relative Access to Arable Land in the Mekong Basin, Laos.” Society for American Archaeology 79th Annual Meeting, Austin, TX (April 23-27).

Posters

- 2017 Ruby Kerwin and **Sarah Klassen**, “Developing Typologies for Architectural Elements of Angkorian Period Temples.” Society for American Archaeology 82nd Annual Meeting, Vancouver, BC (March 29 – April 2).
- 2016 **Sarah Klassen**, “Lessons from Collapse: The Adaptive Capacity of the Water Management System of Koh Ker, Cambodia.” Institute for Social Science Research, Interdisciplinary Research Symposium, Tempe, AZ (March 16)
- 2015 **Sarah Klassen**, Damian Evans, Terry Lustig, Barry le Plastrier, and Eileen Lustig, “Evaluating the Sustainability of an Angkor-Period Engineered Landscape at Koh Ker, Cambodia.” Graduate and Professional Student Association, ASU, Interdisciplinary Research Symposium, Tempe, AZ (March 17)
- 2013 **Sarah Klassen**, “Social Identities and Design Interpretation of Mimbres Black-on-White Bowls.” Society for American Archaeology 78th Annual Meeting, Honolulu, HI (April 3-7).
- 2010 **Sarah Klassen**, “El Antigual: a Test of the Representativeness of Surface Material.” Society for American Archaeology 75th Annual Meeting, St. Louis, MO (April 14-18).

CAMPUS TALKS

- 2017 **Sarah Klassen** and Chris Schwartz, “Thinking about graduate school in the social sciences?” panelist, ASU College of Liberal Arts and Sciences, Tempe, Arizona (April 19).
- 2012 **Sarah Klassen**, “2012 Field Season at Roadmap Village, Mimbres Prehistoric Landscapes Project,” School of Human Evolution and Social Change, ASU Archaeology Brown Bag, Tempe, Arizona (Oct 5).

TEACHING EXPERIENCE

- Instructor, “Humans and the Environment,” Osher Lifelong Learning Institute, ASU (Fall 2017)
- Supervisor, Internship, ASU (Fall 2015, Spring 2016, Fall 2017, Spring 2018)
- Lecturer and Field Instructor, East Asia Summit International Field School, Yusof Ishak Institute, Koh Ker, Cambodia (December 2015, Summer 2016)
- Teaching Assistant, Mogollon Prehistoric Landscapes Project (MPLP), ASU, Truth or Consequences, New Mexico (Summer 2012)
- AP World History and AP American History Instructor, The Princeton Review, Seoul, South Korea (Spring 2011)
- English Teacher and Curriculum Developer, New York Speaking Group, Seoul, South Korea (Summer 2010, Fall 2010, Spring 2011)

RESEARCH EXPERIENCE

- 2016- Pres. Project Director, Archaeological Data (archaeologicaldata.org), San Francisco, CA
- 2017-Pres. Co-Lead Investigator, Cambodian Archaeological Lidar Initiative, Siem Reap, Cambodia
- 2013-Pres. Geographic Information System Research Associate, Greater Angkor Project, Siem Reap, Cambodia
- 2013-Pres. Research Associate, Khmer Archaeology Lidar Consortium, Siem Reap, Cambodia
- 2017 Site Director, Ground Penetrating Radar Investigations at Angkor Thom, Greater Angkor Project, Siem Reap, Cambodia
- 2015-2017 Partner (Koh Ker and Angkor), Cambodian Archaeological Lidar Initiative, Siem Reap, Cambodia
- 2012-2017 Laboratory Coordinator, Barrett Honors College Graduate Research Associate, Easter Mimbres Archaeological Project, ASU, Tempe, AZ
- 2016-2017 Project Director, Ground Verification of Temple Sites, Siem Reap, Cambodia

- 2016 Site Director, Ground Penetrating Radar Investigations at the Northern Chute at Koh Ker, École française d'Extrême-Orient, Koh Ker, Cambodia
- 2015 Site co-Director, Excavations of the Northern Chute at Koh Ker, École française d'Extrême-Orient, Koh Ker, Cambodia
- 2014 Field Technician, Pedestrian Survey of the Water Management Features of Koh Ker, the University of Sydney, Koh Ker, Cambodia
- 2013 Total Station Technician, South African Coast Paleoclimate, Paleoenvironment, Paleoecology, Paleoanthropology Project and Mossel Bay Archaeological Project (SACP4/MAP), ASU, Mossel Bay, South Africa
- 2011 - 2012 Digital Data Curator, Digital Antiquity, Tempe, AZ

MENTORING EXPERIENCE

- 2017 Supervisor, ASU Undergraduate Research Apprentices, “Hydroelectric power in Chile,” Tempe, AZ
- 2016 Mentor, ASU Undergraduate Research Apprentices, “Developing Typologies for Architectural Elements of Angkorian Period Temples,” Greater Angkor Project, Tempe, AZ
- 2012–2017 Mentor for Incoming Graduate Students, School of Human Evolution and Social Change, ASU, Tempe, AZ
- 2012-2017 Supervisor, ASU Undergraduate Research Assistants, Eastern Mimbres Archaeological Project Lab, Tempe, AZ
- 2014-2016 Mentor, Dartmouth College Rockefeller Alumni Mentoring Program, Tempe, AZ
- 2014 Mentor, ASU Undergraduate Research Apprentices, “Mapping Angkor,” Greater Angkor Project, Tempe, AZ

STUDENT THESIS AND DISSERTATION ADVISING

- 2017-2018 Thesis Committee Member, Ruby Kerwin, Undergraduate Honors Thesis: Barrett Honors College, Arizona State University, Temple AZ

PROFESSIONAL SERVICE

Discipline

- 2016 Volunteer, Society for American Archaeology 81th Annual Meeting, Orlando, FL
- 2012-2015 Travel Grant Reviewer, The Graduate and Professional Student Association, ASU, Tempe, AZ

- 2015 Volunteer, Society for American Archaeology 80th Annual Meeting, San Francisco, CA
- 2014 Volunteer, Society for American Archaeology 79th Annual Meeting, Austin, TX
- 2013 Volunteer, Society for American Archaeology 78th Annual Meeting, Honolulu, HI
- 2012 Volunteer, Society for American Archaeology 77th Annual Meeting, Memphis, TN

Department

2012-2013 Treasurer, Association of All Graduate Students, ASU, Tempe, AZ

PROFESSIONAL MEMBERSHIPS

Society for American Archaeology

Association of Mainland Southeast Asia Scholars

Graduate Women in Science

REFERENCES

Ben Nelson

Associate Director and Professor, School of Human Evolution and Social Change
Arizona State University
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Tempe, AZ 85287-2402
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bnelson@asu.edu

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Roland Fletcher

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