

CURRICULUM VITAE
Amy Elizabeth Thompson
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Contact Information

Department of Anthropology
 University of New Mexico
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Education

- 2019 Ph.D., Department of Anthropology, The University of New Mexico
 Dissertation Title: *Comparative Processes of Sociopolitical Development in the Foothills of the Southern Maya Mountains*
- 2011 M.S., Department of Anthropology, The University of New Mexico
- 2009 B.A. *summa cum laude*, Department of Anthropology, The University of Minnesota-Twin Cities

Academic Appointments

- 2020 – Postdoctoral Research Scientist, the Field Museum (*start date: April 2020*)
- 2013 – present Instructor of Record, Department of Anthropology, University of New Mexico
- 2012 – present Research Assistant, Environmental Archaeology Laboratory, Department of Anthropology, University of New Mexico
- 2009 – 2019 Graduate Teaching Assistant, Department of Anthropology, University of New Mexico
- 2018 Graduate Assistant, Museum Studies, University of New Mexico
- 2014 – 2015 Co-Instructor, Wildlands Studies Program in Belize. California State University Monterey Bay

Research Interests

Complex societies; social inequality; drivers of societal change; reconciling spatial and temporal patterns in the archaeological record; spatial statistics; New World tropics, Classic Maya; human behavioral ecology in agrarian communities; urban development; neighborhoods and districts; digital archaeology; heritage; community-based archaeology.

Areas of Expertise

Complex Societies, human-landscape interactions, landscape archaeology, origins of social inequality, human behavioral ecology (HBE), GIS, remote sensing applications, lidar, spatial analysis, ethnoarchaeology, settlement patterns, household archaeology, domestic ritual; Mesoamerica, the Maya.

Skills

Spanish (proficient at speaking, reading, writing); Mopan Maya (elementary speaking); Expertise in ArcGIS and QGIS; LP360 for ArcGIS LiDAR analysis; ERDAS Remote Sensing Software; AutoCAD; OxCal for radiocarbon calibration; Microsoft Office Suite; Inkscape; GIMP; Adobe Illustrator; Adobe Photoshop; Cartography; Topcon Total Station Survey; Trimble GPS; Handheld GPS Units; Archaeological Excavation and Survey; Archaeological Mapping; Digitizing of field maps and drawings; Ceramic Analysis; Artifact Cataloguing; Chemical Preparation of Soils for Stable Isotopic Analysis; AMS 14C preparation of organics and bone using ABA, Ultrafiltration and Amino Acid separation; Portable X-Ray Fluorescence (pXRF) Spectroscopy.

Grants, Awards, and Honors

Research Grants

- 2016 National Science Foundation Doctoral Dissertation Improvement Grant: *Comparative Examination of the Process of Urban Development* (\$25,200; BCS - 1649080; Co-PI with Keith M. Prufer)
- 2016 Rogers Research/Project Award UNM Office of Graduate Studies (\$300.00)
- 2015 Rogers Research/Project Award UNM Office of Graduate Studies (\$1,000.00)
- 2014 RM-URISA GIS Scholarship (\$500.00)
- 2013 New York Explorers Club Student Grant (\$1,250.00)

Academic Awards and Honors Received

- 2019 University of New Mexico Graduate Student Success Scholarship (\$9,000.00)
- 2019 University of New Mexico Dept. of Anth. Graduate Broilo-Basehart Poster Award (\$250.00)
- 2018 Dean's Dissertation Writing Fellowship UNM Office of Graduate Studies (\$1,000.00)
- 2013 Sigma Xi Outstanding Graduate Student Award (\$100.00)
- 2009-11 University of New Mexico Binford Fellowship Recipient (Tuition + \$13,000 per year)
- 2009 Maya Society of Minnesota Dennis Puleston Memorial Award (\$250.00)
- 2009 University of Minnesota *Summa Cum Laude* Honors distinction
- 2005-7 University of Minnesota Lower-Division Honors Recipient
- 2005-9 Minnesota Gold Scholarship Recipient (\$6,500 per year)
- 2005 Harding High School Class Valedictorian, St. Paul, MN

Travel Grants

- 2019 University of New Mexico Dept. of Anth. Moore Archaeology Travel Grant (\$500.00)
- 2018 University of New Mexico GPSA SRG Grant (Summer) (\$500.00)
- 2018 University of New Mexico Office of Graduate Studies Doctoral Conference Award (\$1,000.00)
- 2017 University of New Mexico Dept. of Anth. Moore Archaeology Travel Grant (\$500.00)
- 2017 University of New Mexico Office of Graduate Studies Doctoral Conference Award (\$1,000.00)
- 2017 University of New Mexico GPSA SRG Grant (Spring) (\$459.90)
- 2016 University of New Mexico GPSA PDG Grant (Spring) (\$500.00)
- 2014 University of New Mexico GPSA SRG Grant (Fall) (\$500.00)
- 2014 University of New Mexico GPSA SRG Grant (Spring) (\$500.00)
- 2014 University of New Mexico Office of Graduate Studies RPT Grant (\$670.00)
- 2013 University of New Mexico Career Services SCAP Grant (\$600.00)
- 2013 South-Central Conference on Mesoamerica Student Travel Award (\$100.00)
- 2012 University of New Mexico GPSA SRG Grant (Fall) (\$500.00)
- 2012 University of New Mexico Dept. of Anth. Graduate Student Travel Grant (\$333.33)
- 2012 University of New Mexico GPSA SRAC Grant (Spring) (\$500.00)
- 2012 University of New Mexico Office of Graduate Studies RPT Grant (\$798.92)
- 2011 South-Central Conference on Mesoamerica Student Travel Award (\$300.00)
- 2011 University of New Mexico Career Services SCAP Grant (\$540.77)
- 2010 University of New Mexico Office of Graduate Studies RPT Grant (\$172.94)
- 2010 South-Central Conference on Mesoamerica Student Travel Award (\$100.00)
- 2008 University of Minnesota Undergraduate Research Travel Award (\$600.00)

Publications

Peer-Reviewed Journal Articles

Thompson, Amy E., Clayton R. Meredith, and Keith M. Prufer

- 2018 Comparing Geostatistical Analyses for the Identification of Neighborhoods, Districts, and Social Communities in Archaeological Contexts: A Case Study from Two Ancient Maya Centers

- in Southern Belize. *Journal of Archaeological Science* 97: 1-13.
- Prufer, Keith M., **Amy E. Thompson**, Clayton R. Meredith, Brendan J. Culleton, Jillian M. Jordan, Claire E. Ebert, Bruce Winterhalder, and Douglas J. Kennett
 2017 The Classic Period Maya transition from an ideal free to an ideal despotic settlement system at the middle-level polity of Uxbenká. *Journal of Anthropological Archaeology* 45: 53-68.
- Prufer, Keith M. and **Amy E. Thompson**
 2016 LiDAR Based Analyses Of Anthropogenic Landscape Alterations As A Component Of The Built Environment. *Advances in Archaeological Practice* 4(3): 393-409.
- Kirk, Scott, **Amy E. Thompson**, and Christopher D. Lippett
 2016 Predictive Modeling for Site Detection Using Remotely Sensed Phenological Data. *Advances in Archaeological Practice* 4(1): 87-101.
- Prufer, Keith M., **Amy E. Thompson**, and Douglas J. Kennett
 2015 Evaluating Airborne LiDAR for Detecting Settlements and Modified Landscapes in Disturbed Tropical Environments at Uxbenká, Belize. *Journal of Archaeological Science* 57: 1 – 13.
- Thompson, Amy E.**, and Keith M. Prufer
In Prep Social Inequality and the Developmental Trajectories of Low-Density Urban Communities in the Southeastern Maya Lowlands. *Manuscript in final stages of preparation*
- Thompson, Amy E.**
In Prep A Comparison of Lidar Derived Relief Visualization Analyses for the Identification of Archaeological Remains: A Case Study from a Classic Period (AD 250-800) Maya Landscape in Southern Belize. *Manuscript in final stages of preparation.*
- Thompson, Amy E.**, and Keith M. Prufer
In Prep Roads, Reservations, Religion, And Regulations: Mopan And Q'eqchi' Maya Land Tenure in Southern Belize. *Manuscript in final stages of preparation.*
- Smith, Michael E., Rodrigo Liendo Stuardo, José Lobo, Scott G. Ortman, Robert M. Rosenswig, Claire E. Ebert, **Amy E. Thompson**, and Keith M. Prufer
In Prep Maya Low-Density Urbanism: New Insights from Settlement Scaling Theory. *Manuscript in preparation.*
- Conference Proceedings*
- Thompson, Amy E.**, and Keith M. Prufer
 2019 Archaeological Research in Southern Belize at Uxbenká and Ix Kuku'il. *Research Reports in Belizean Archaeology* 16: 311-322.
- Thompson, Amy E.** and Keith M. Prufer
 2016 Preliminary Findings from Ix Kuku'il, Toledo District, Belize. *Research Reports in Belizean Archaeology* 13: 219 – 228.
- Thompson, Amy E.** and Keith M. Prufer
 2015 Airborne LiDAR for Detecting Ancient Settlements, and Landscape Modifications at Uxbenká, Belize. *Research Reports in Belizean Archaeology* 12: 251-259.
- Prufer, Keith M. and **Amy E. Thompson**
 2014 Settlements as Neighborhoods and Districts at Uxbenká: The Social Landscape of Maya Community. *Research Reports in Belizean Archaeology* 11: 281 - 289.
- Thompson, Amy E.**, Claire E. Ebert, and Keith M. Prufer
 2013 Shifting dynamics and Use of Space at Uxbenká. *Research Reports in Belizean Archaeology* 10: 255 – 270.

*Book Chapters***Thompson, Amy E.** and Keith M. Prufer

In Revision Household Distributions and Social Organization of the Ancient Maya in Southern Belize. In *Sociopolitical integration in Prehispanic Neighborhoods: Comparative Perspectives*, Gabriela Cervantes and John Walden, editors. Center for Comparative Archaeology – University of Pittsburgh

*Technical Reports***Thompson, Amy E.**

2019 *Early Copan Acropolis Project Winter 2018 Tunnel Survey Report.* For the Early Copan Acropolis Project and report to The Instituto Hondureño de Antropología e Historia (IHAI).

John P. Walden, Michael Biggie, **Amy E. Thompson**, Kyle Shaw-Müller, Anaïs Levin, Abel Nachamie, Dennis Baldwin, Ashley McKeown, Kirsten A. Green, Rosie Bongiovanni, Mary Swearingen, Victoria S. R. Izzo, Chrissina C. Burke, Claire E. Ebert, Katie K. Tappan & Gavin B. Wisner

2018 Settlement Excavations in the Lower Dover Periphery: Results of the 2017 Field Season. In *The Belize Valley Archaeological Reconnaissance Project: A Report of the 2017 Field Season*, edited by Claire E. Ebert, Julie A. Hoggarth & Jaime J. Awe, Volume 23, pp. 173-264. Institute of Archaeology, Baylor University, Waco & Department of Anthropology, Northern Arizona University, Flagstaff

Thompson, Amy E.

2016 Ix Kuku'il Survey. In *The Bladen Paleoindian and Archaic Archaeological Project and Uxbenká Archaeological Project: Reports on the 2016 Field Season in Toledo district, Belize.* Chapter 3. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Amy E. Thompson and Keith M. Prufer, editors. University of New Mexico, Albuquerque. Pg. 45-54.

Prufer, Keith M., **Amy E. Thompson**, Asia Alsgaard, Willa Trask, Clayton Meredith, Mark Robinson, Timothy Dennehy, and Marina Adame

2016 Rockshelter Excavations at Mayahak Cab Pek and Saki Tzul in the Bladen Nature Reserve, Maya Mountains, Belize. In *The Bladen Paleoindian and Archaic Archaeological Project and Uxbenká Archaeological Project: Reports on the 2016 Field Season in Toledo district, Belize.* Chapter 2. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Amy E. Thompson and Keith M. Prufer, editors. University of New Mexico, Albuquerque. Pg. 5-54.

Prufer, Keith M. and **Amy E. Thompson**

2016 Introduction to the 2016 Season of the Bladen Paleoindian and Archaic Archaeological Project (BPAAP) and the Uxbenká Archaeological Project (UAP). In *The Bladen Paleoindian and Archaic Archaeological Project and Uxbenká Archaeological Project: Reports on the 2016 Field Season in Toledo district, Belize.* Chapter 1. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Amy E. Thompson and Keith M. Prufer, editors. University of New Mexico, Albuquerque. Pg. 1 – 4.

Thompson, Amy E.

2016 Survey in the Hinterlands Households of Uxbenká. In *The Uxbenká Archaeological Project: Reports on the 2015 Field Season in Toledo district, Belize.* Chapter 5. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer and Amy E. Thompson, editors. University of New Mexico, Albuquerque. Pg. 47-54.

Thompson, Amy E.

2016 Survey and Excavations at Ix Kuku'il. In *The Uxbenká Archaeological Project: Reports on the 2015 Field Season in Toledo district, Belize.* Chapter 6. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer and Amy E. Thompson, editors. University of New Mexico, Albuquerque. Pg. 55 – 78.

Prufer, Keith M. and **Amy E. Thompson**

2016 Introduction to the 2015 Season of the Uxbenká Archaeological Project (UAP). In *The Uxbenká Archaeological Project: Reports on the 2015 Field Season in Toledo district, Belize.* Chapter 1. Report to the

Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer and Amy E. Thompson, editors. University of New Mexico, Albuquerque. Pg. 1 – 4.

Thompson, Amy E.

2016 *A Report of the Archaeological Observations at a Potential Field Study Site, Heredia, Costa Rica*. Created for Tree Field Studies, Costa Rica.

Thompson, Amy E.

2015 Excavations and Survey in the Hinterland Households at Uxbenká. In *The Uxbenká Archaeological Project: Reports on the 2014 Field Season in Toledo district, Belize*. Chapter 8. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer and Amy E. Thompson, editors. University of New Mexico, Albuquerque. Pg. 75 – 100.

Thompson, Amy E.

2015 Excavations and Survey at Ix Kuku'il. In *The Uxbenká Archaeological Project: Reports on the 2014 Field Season in Toledo district, Belize*. Chapter 9. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer and Amy E. Thompson, editors. University of New Mexico, Albuquerque. Pg. 101 – 119.

Prufer, Keith M. and Amy E. Thompson

2015 Introduction to the 2014 Season of the Uxbenká Archaeological Project (UAP). In *The Uxbenká Archaeological Project: Reports on the 2014 Field Season in Toledo district, Belize*. Chapter 1. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer and Amy E. Thompson, editors. University of New Mexico, Albuquerque. Pg. 5 – 10.

Thompson, Amy E.

2014 Uxbenká Settlement Survey. In *The Uxbenká Archaeological Project: Reports on the 2013 Field Season in Toledo district, Belize*. Chapter 4. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, Amy E. Thompson, and Valorie V. Aquino editors. University of New Mexico, Albuquerque. Pg. 65 - 82.

Thompson, Amy E. and Eric C. Fries

2014 Ix Kuku'il Settlement Survey and Artifact Analysis. In *The Uxbenká Archaeological Project: Reports on the 2013 Field Season in Toledo district, Belize*. Chapter 10. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, Amy E. Thompson, and Valorie V. Aquino editors. University of New Mexico, Albuquerque. Pg. 179 - 230.

Thompson, Amy E., Cannon Daughtrey, and Shannon Lucernoni

2014 Excavations in the Hinterland Households. In *The Uxbenká Archaeological Project: Reports on the 2013 Field Season in Toledo district, Belize*. Chapter 3. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, Amy E. Thompson, and Valorie V. Aquino editors. University of New Mexico, Albuquerque. Pg. 33 - 64.

Prufer, Keith M. and Amy E. Thompson

2014 Introduction to the 2013 Season of the Uxbenká Archaeological Project (UAP). In *The Uxbenká Archaeological Project: Reports on the 2012 Field Season in Toledo district, Belize*. Chapter 1. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, Amy E. Thompson, and Valorie V. Aquino editors. University of New Mexico, Albuquerque. Pg. 1 - 7.

Small, Elizabeth, Amy E. Thompson, and Keith M. Prufer

2014 Annual Milpa Classifications of Recovering Vegetation from Santa Cruz Village. In *The Uxbenká Archaeological Project: Reports on the 2013 Field Season in Toledo district, Belize*. Chapter 8. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, Amy E. Thompson, and Valorie V. Aquino editors. University of New Mexico, Albuquerque. Pg. 159 – 172.

Trask, Willa, Amy E. Thompson, Clayton Meredith, and Shannon Lucernoni

2013 2012 Excavation At Group L, Tomb L2 (Sub-Op 12-05). In *The Uxbenká Archaeological Project: Reports on the 2012 Field Season in Toledo district, Belize*. Report to the Institute of Archaeology,

Government of Belize, and National Science Foundation. Keith M. Prufer, Ethan K. Kalosky, Amy E. Thompson, and Valorie V. Aquino editors. University of New Mexico, Albuquerque. Pg. 174- 212.

Thompson, Amy E., Chuck Mustain, and Shannon Lucernoni

2013 Excavations in Residential Groups at Uxbenká, Toledo District, Belize. In *The Uxbenká Archaeological Project: Reports on the 2012 Field Season in Toledo district, Belize*. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, Ethan K. Kalosky, Amy E. Thompson, and Valorie V. Aquino editors. University of New Mexico, Albuquerque. Pg. 119 - 173.

Keith M. Prufer and **Amy E. Thompson**

2013 Introduction to the 2012 Season of the Uxbenká Archaeological Project (UAP). In *The Uxbenká Archaeological Project: Reports on the 2012 Field Season in Toledo district, Belize*. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, Ethan K. Kalosky, Amy E. Thompson, and Valorie V. Aquino editors. University of New Mexico, Albuquerque. Pg. 1 - 7.

Thompson, Amy E. and Willa Trask

2012 Elite Residential Groups: Excavations in Groups F and G, Uxbenká. In, *The Uxbenká Archaeological Project: Reports on the 2011 Field Season in Toledo district, Belize*. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer and Amy E. Thompson, editors. University of New Mexico, Albuquerque. Pg. 36 - 62.

Kalosky, Ethan K., Claire E. Ebert, Willa Trask, **Amy E. Thompson**, and Charles Mustain

2011 2010 Settlement Excavations and Survey. In, *The Uxbenká Archaeological Project: Reports on the 2010 Field Season in Toledo district, Belize*. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, editor. University of New Mexico, Albuquerque. Pg. 73 – 115.

Reith, Margaret, Lilian Richards, Willa Trask, **Amy E. Thompson**, Megan O’Neil, Ethan Kalosky, and Claire Ebert.

2010 Settlement Excavations at Uxbenká. In, *The Uxbenká Archaeological Project: Reports on the 2009 Field Season in Toledo district, Belize*. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, editor. University of New Mexico, Albuquerque. Pg 76- 127.

Prufer, Keith M., Lilian Richards, **Amy E. Thompson**, Margret Reith, Charles Mustain, and Ethan K. Kalosky.

2009 Excavations in Group B. In, *The Uxbenká Archaeological Project: Reports on the 2008 Field Season in Toledo district, Belize*. Report to the Institute of Archaeology, Government of Belize, and National Science Foundation. Keith M. Prufer, editor. University of New Mexico, Albuquerque. Pg. 12 - 37.

Scholarly Presentations at Professional Conferences

Sessions Organized

2020 **Thompson, Amy E.**, John Walden, and Adrian Chase
Multiscalar Approaches to Extrapolating Socio-Political Boundaries in the Maya Lowlands. Co-chairing a Lightning Round Session at the SAA 85th Annual Meeting. Austin, Texas.

2017 **Thompson, Amy E.** and Keith M. Prufer
Interdisciplinary Approaches to Studying Human Social Dynamics: A Case Study from Southern Belize. Co-chaired a symposium at the SAA 82nd Annual Meeting. Vancouver, BC, Canada.

Paper Presentations in Invited Sessions

2020 **Thompson, Amy E.**, Luis Pacheco-Cobos, Estrella Chévez, and Keith M. Prufer
Social Network Analysis and Neighborhoods among the Classic Period Maya of Uxbenká and Ix

- Kuku'il, Southern Belize*. Paper to be presented in the invited symposium, *People and Space: Defining Communities and Neighborhoods with Social Network Analysis* at the SAA 85th Annual Meeting. Austin, TX.
- 2020 Ortman, Scott G., Claire E. Ebert, **Amy E. Thompson**, and Michael E. Smith.
Where Scaling Theory Breaks? The Case of Maya Low-Density Urbanism. Paper to be presented in the invited symposium, *Beyond Settlement Scaling: Complex Systems in Archaeology* at the SAA 85th Annual Meeting. Austin, TX.
- 2018 **Thompson, Amy E.**, Jillian M. Jordan, and Keith M. Prufer
Household Distributions and Social Organization of the Ancient Maya in Southern Belize. Paper presented in the invited symposium *Sociopolitical integration in Prehispanic Neighborhoods: Comparative Perspectives* at the SAA 83rd Annual Meeting. Washington DC.
- 2017 **Thompson, Amy E.**, Keith M. Prufer, Clayton Meredith, and Jillian M. Jordan
Settlement Development and Social Landscapes at the Classic Period Maya center Uxbenká. Paper presented in the invited symposium, *Interdisciplinary Approaches to Studying Human Social Dynamics: A Case Study from Southern Belize* at the SAA 82nd Annual Meeting. Vancouver, BC, Canada.
- 2017 **Thompson, Amy E.** and Keith M. Prufer
Processes of Urban Development among the Ancient Maya of Uxbenká and Ix Kuku'il, Southern Belize. Paper presented in the invited symposium, *Urbanism at the micro, meso and macro scales: Advances in computational and quantitative methods to study cities and their built environments* at the Computer Applications and Quantitative Methods in Archaeology Conference. Atlanta, GA.
- 2014 Prufer, Keith M., **Amy E. Thompson**, and Elizabeth Small.
LiDAR and the Landscape: Using Remote Sensing to Examine Archaeological and Ecological Contexts near Santa Cruz village, Toledo District, Belize. Paper presented at the 2014 Chacmool Conference. Calgary, Canada.
- 2014 Prufer, Keith M. and **Amy E. Thompson**
Evaluating airborne LiDAR for detecting settlements and modified landscapes in disturbed environments at Uxbenká, Belize. Paper presented at the SAA 79th Annual Meeting. Austin, TX.

Paper and Poster Presentations

- 2020 Marina Lemly, **Amy E. Thompson**, and Keith M. Prufer
Modeling Ancient Maya Transportation and Trade Routes in Southern Belize with a Least Cost Path Analysis. Poster to be presented SAA 85th Annual Meeting. Austin, TX.
- 2020 Mikayla Gonzales, **Amy E. Thompson**, and Keith M. Prufer
Geospatially Modeling Neighborhoods using Least Cost Paths at the Classic Period Maya Center Uxbenká. Poster to be presented SAA 85th Annual Meeting. Austin, TX.
- 2019 **Thompson, Amy E.**
Linking Landscapes and Resources to Settlement Decisions in Ancient Low-Density Cities in the Southeastern Maya Lowlands. Poster presented at the SAA 84th Annual Meeting. Albuquerque, NM.
- 2019 Lacombe, Laura, **Amy E. Thompson**, Bill Fash, and Loa Traxler
Digital Methods for Conservation in Underground Archaeological Contexts: A Case Study from the Copan Acropolis. Paper presented at the SAA 84th Annual Meeting. Albuquerque, NM.
- 2019 Pacheco-Cobos, Luis, **Amy E. Thompson**, Carmen Cortez, Bruce Winterhalder, and Keith M. Prufer
The effects of households and labor requirements on intracommunity boundary formation, settlement choices, and neighborhood functions in modern and prehistoric communities. Paper presented at the SAA 84th Annual Meeting. Albuquerque, NM.
- 2018 **Thompson, Amy E.** and Keith M. Prufer
Low-density Urbanism and Community Development at the Classic Period Center Ix Kuku'il, Toledo District, Belize. Paper presented at the 16th Annual Belize Archaeology Symposium. San Ignacio, Belize, Central America.

- 2016 **Thompson, Amy E.** and Keith M. Prufer
Analyzing Ancient Maya Settlement Patterns through the Geochemical Analysis of Obsidian Artifacts in Southern Belize. Poster presented at the SAA 81st Annual Meeting. Orlando, FL.
- 2016 Kirk, Scott, **Amy E. Thompson**, and Christopher D. Lippitt
Predictive Modeling for Site Detection in Central New Mexico using Remotely Sensed Data on Phenology. Poster presented at the SAA 81st Annual Meeting. Orlando, FL.
- 2015 **Thompson, Amy E.** and Keith M. Prufer
Settlement Distributions and Social Organization at Ix Kuku'il and Uxbenka, Toledo District, Belize. Paper presented at the 13th Annual Belize Archaeology Symposium. San Ignacio, Belize, Central America.
- 2015 **Thompson, Amy E.**
A Comparative Analysis of Settlement, Environment, and the Social Landscape at the Ancient Maya Centers of Uxbenká and Ix Kuku'il, Toledo District, Belize. Paper presented at the SAA 80th Annual Meeting. San Francisco, CA.
- 2015 Kirk, Scott, **Amy E. Thompson**, and Christopher D. Lippitt
Predictive Modeling for Site Location using a Multi-Layer Perception Approach. Paper presented at the 19th Annual AGSU Conference. Albuquerque, NM.
- 2014 **Thompson, Amy E.**, Eric C. Fries, and Keith M. Prufer.
Local Variation of Settlement Patterns at Uxbenká and Ix Kuku'il, Toledo District, Belize. Poster presented at the SAA 79th Annual Meeting. Austin, TX.
- 2014 Small, Elizabeth, **Amy E. Thompson**, and Keith M. Prfuer
Fallow Periods in Slash-and-Burn Farming and its Implications for Ancient Demography. Paper presented at the 18th Annual AGSU Conference. Albuquerque, NM.
- 2013 **Thompson, Amy E.**, Eric C. Fries, and Keith M. Prufer.
Preliminary Findings of the 2013 Survey at Ix Kuku'il, Toledo District, Belize. Paper presented at the 4th annual South-Central Conference of Mesoamerica. Houston, TX.
- 2013 Prufer, Keith M. and **Amy. E. Thompson**
Settlements as Neighborhoods and Districts at Uxbenká: The Social Landscape of Maya Community. Paper presented at the 11th Annual Belize Archaeology Symposium. San Ignacio, Belize, Central America.
- 2013 **Thompson, Amy E.** and Keith M. Prufer
Detection and Evaluation: The Use of LiDAR in Archaeological Contexts at Uxbenká, Belize. Poster presented at the SAA 78th Annual Meeting. Honolulu, HI.
- 2012 **Thompson, Amy E.**, Claire E. Ebert, and Keith M. Prufer
Shifting dynamics and Use of Space at Uxbenká. Paper presented at the 10th Annual Belize Archaeology Symposium. San Ignacio, Belize, Central America.
- 2012 **Thompson, Amy E.** and Keith M. Prufer
Changing Spaces: Shifts in Functionality of Elite Residential Groups at Uxbenká, Toledo District, Belize. Poster presented at the SAA 77th Annual Meeting. Memphis, TN.
- 2011 **Thompson, Amy E.** and Keith M. Prufer.
Testing for the Truth: Excavations Groups G and F, Uxbenká, Toledo District, Belize. . Paper presented at the 2nd annual South-Central Conference of Mesoamerica. San Antonio, TX.
- 2011 **Thompson, Amy E.**, Keith M. Prufer, and Douglas Kennett.
Political Dynamics Reflected in Settlement Patterns and Household Archaeology at Uxbenká, Belize. Paper presented at the SAA 76th Annual Meeting. Sacramento, CA.
- 2010 **Thompson, Amy E.**, Keith M. Prufer, and Douglas Kennett.
Social Complexity, Changing Environments and People of the Past: An Overview of the Classic Maya Polity, Uxbenká, Toledo District, Belize. Paper presented at the 1st annual South-Central Conference of Mesoamerica. San Antonio, TX.
- 2010 Fontes, Lisa M., **Amy E. Thompson**, and C.L. Kieffer.

Identification and Analysis of Archaeological and Ethnographic Arrow Shafts from the Maxwell Museum Collection. Paper presented at the 14th Annual AGSU Symposium. Albuquerque, NM.

2009 **Thompson, Amy E.**

Settlement Patterns and Household Archaeology of the Common Maya: A Case Study of Uxbenká, Belize. Paper presentation at the 73rd annual meeting of the University of Minnesota Undergraduate Anthropology Conference. Minneapolis, MN.

Academic Field Experience

Uxbenká Archaeological Project (UAP), Toledo, Belize. Director: Dr. Keith M. Prufer of University of New Mexico and Co-Principal Investigator: Dr. Douglas Kennett of Pennsylvania State University. Excavation, survey, ceramic analysis, artifact cataloguing, mapping, LiDAR analysis, GIS analyst. (May-June 2009[^], May 2010[^], May-June 2011[^], April-June 2012[^], May-June 2013[^], May-June 2014[^], May-June 2015[^], June 2016^{^*}, February-June 2017^{^*}, March 2018^{^*})
[^]Excavation and/or survey supervisor; *Field Director

Early Copan Acropolis Program (ECAP), Copan Ruinas, Honduras. Director: Dr. Loa Traxler of University of New Mexico. Tunnel survey and digital modelling and analyst (February 2018[^]). [^]Survey supervisor.

Belize Valley Archaeological Reconnaissance Project (BVAR), San Ignacio, Belize. Directors: Dr. Jaime Awe of Northern Arizona University, Dr. Julie Hoggarth of Baylor University. Household excavations (July 2017)

Bladen Paleindian and Archaic Archaeological Project (BPAAP), Toledo, Belize. Director: Dr. Keith M. Prufer of University of New Mexico. Excavation, survey, laboratory analysis, mapping (May-June 2016)

UCLA Maya Archaeological Program (UMAP), Cayo, Belize. Project. Directors: Dr. John M. Morris, Director of Research and Education at the Institute of Archaeology, Belize, Dr. Andrew Kindon of West Valley College and Dr. Samuel V. Connell of Foothill College. Excavations, teaching, survey, laboratory analysis. (July 2011[^], July 2012) [^]Excavation supervisor.

Cape Krusenstern Archaeology Project (CAKR), Cape Krusenstern National Monument, Alaska, USA. Project Director: Dr. Ben Fitzgerald, Shelby Anderson and Adam Freeberg of Washington State University. Survey, excavations, cataloging. (June-July 2010)

Hawaii Archaeological Research Project (HARP), North Kohala, Hawaii, USA. Project Director: Dr. Michael W. Graves of University of New Mexico. Reconnaissance, Survey, Mapping, Excavations. (January 2010)

CRM Field Experience

Okun Consulting Solutions. Albuquerque, New Mexico. Archaeological Field Technician. Capulin-Walker Flats, Santa Fe National Forest near Mora, NM. Survey (October 2018; June 2019)

Office of Contract Archeology, University of New Mexico, Albuquerque, New Mexico. Archeology Crew Member. Valles Caldera National Preserve. Survey, lithic debitage analysis (July-August 2018)

Field School

Uxbenká Archaeological Project (UAP), Toledo District, Belize. Director: Dr. Keith M. Prufer of University of New Mexico and Co-Principal Investigator: Dr. Douglas Kennett of Pennsylvania State University. Excavation, survey (May-June 2008)

ArcheoTek, Tilisca, Romania. Principal Investigators: Andre Gonciar. Excavation, mapping. (July-August 2007)

Maya Research Program (MRP), Blue Creek, Belize. Principal Investigators: Dr. Thomas Guderjan. Excavation, mapping. (May 2007)

Teaching Experience

Courses taught at the University of New Mexico

- Introduction to Anthropology; Anth 101 (online; instructor, 2019; co-instructor, 2014)
- Strategy of Archaeology; Anth 320 (in-person; instructor, 2019)
- Introduction to Archaeological Method and Theory; Anth 120 (in-person; instructor, 2014, 2015)
- Mesoamerican Prehistory; Anth 322 (online; instructor, 2013)

Courses taught through the Wildlands Studies Program in Belize, California State University Monterey Bay

- Environmental Wildlands Studies (co-instructor, 2014, 2015)
- Environmental Field Survey (co-instructor, 2014, 2015)
- Wildlands Environment and Culture (co-instructor, 2014, 2015)

Museum Experience

Archaeological Consultant for the Uxben'kaj K'in Ajaw Association Visitor Center and Community Museum (Volunteer). Responsibilities included: creating maps of the Uxbenka' archaeological site core and settlement areas, written descriptions of map areas of wall panels, selecting and inventorying artifacts for a display case, written descriptions for artifact panels within the display case, and creating a self-guided tour brochure for visitors. (September – October 2018).

Interpreter and Guide at the Bell Museum of Natural History University of Minnesota, Minneapolis, Minnesota (Paid). Responsibilities included: lead elementary school age student groups on a tour of the museum teaching them about Minnesota wildlife, manage the interactive exhibit “touch and see” room including answering museum visitor questions and sharing knowledge of natural history, feed and clean terrariums for fauna in the “touch and see” room including snakes, turtles, salamanders, and insects, and manage the changing exhibit gallery by answering guest questions. (2007-2008)

Outreach

Public and Invited Lectures

- 2018 *Utilizing Modern Technologies to Understand the Past: A Case Study of the Incorporation of GIS and Remote Sensing to Understand Ancient Maya Community Organization in Southern Belize.* Public Lecture for the Archaeology 101 Lecture Series at the Museum of Indian Arts and Culture (MIAC) in Santa Fe, New Mexico. 28 April 2018.
- 2017 *Cities of the Jungle: Ancient Maya Community Organization and Urban Development in the Southeastern Maya Lowlands, Belize, Central America.* Public Lecture for the Albuquerque Archaeological Society. 17 October 2017
- 2016 *Household Archaeology: A Case Study of Ancient Maya Communities in Southern Belize.* Guest Lecturer for Anth 2222 (Mesoamerican Prehistory) taught by Dr. Jessica Craig at Central New Mexico Community College. 26 October 2016.
- 2015 *Exploring the Cultural Landscapes of the Ancient Maya in Southern Belize.* Presentation for the Anthropology Graduate Student Union Brownbag Series in Albuquerque, New Mexico. 30 January 2015
- 2014 *Exploring Ancient Maya Social Organization through Remote Sensing and Field Techniques in Southern Belize.* Guest Lecturer for Environmental Studies summer course at the University of Southern

- California. Lecture in Big Falls, Toledo District, Belize. 27 May 2014.
- 2013 *LiDAR-Assisted Survey and Exploration of Maya Settlements in Southern Belize*. Presentation for the Anthropology Graduate Student Union and Sigma Xi (UNM Chapter) in Albuquerque, New Mexico. 8 November 2013
- 2013 *Settlements and households: Combining Remote Sensing and Field Techniques to Explore the Archaeology at Uxbenká, Toledo District, Belize*. Guest Lecturer for Environmental Studies summer course at the University of Southern California. Lecture in Big Falls, Toledo District, Belize. 1 June 2013.
- 2012 *Settlement and Household Dynamics at Uxbenká, Belize*. Guest Lecturer for Environmental Studies summer course at the University of Southern California. Lecture in Big Falls, Toledo District, Belize. 25 May 2012.

Professional Activities

Reviewer for the *Journal of Field Archaeology* (1 article)

Professional Memberships and Services

- 2013 – present Albuquerque Archeological Society
- 2010 – present Society of American Archaeology
- 2009 – present UNM Anthropology Graduate Student Union (Archaeology Subfield Representative 2016-2017; Vice President 2011-2012; President 2010-2011; Undergraduate Graduate Student Liaison 2009 – 2010, 2016-2017)
- 2014 – 2015 Geological Society of America
- 2012 – 2015 Sigma Xi – UNM Chapter
- 2008 – 2009 Maya Society of Minnesota (University of Minnesota Liaison 2009)
- 2007 – 2009 University of Minnesota Undergraduate Anthropology Club (President 2008 – 2009; Event Coordinator 2007 – 2008)

Community Service

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|-------------|---|----------------------------------|
| 2019 | Troop Leader for Girl Scout Troop 10697 | Girl Scouts of New Mexico Trails |
| 2009 – 2016 | Troop Leader for Girl Scout Troop 10225 | Girl Scouts of New Mexico Trails |

Advised Undergraduate Students

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|---|--|
| Jessica Alden* (UNM, Spring 2014) | Mandy Woods* (UNM, Spring and Fall 2019) |
| Elizabeth Small* (UNM, Spring 2015) | Mikayla Gonzales* (UNM, Fall 2019) |
| Marina Lemly^ (UNM, Spring and Fall 2019) | |

Assisted in advising advanced undergraduate students with GIS and research projects (senior honors theses (); class research projects(^); volunteer projects (°)):*

References

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