

## Dr. Stefani A. Crabtree, Ph.D.

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### **CONTACT INFORMATION**

Penn State Anthropology  
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University Park, PA 16802

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www.stefanicrabtree.com

### **APPOINTMENTS**

<b>Pennsylvania State University</b>	Post-doctoral scholar	January 2017-present
State College, PA		

### **EDUCATION**

- Ph.D. Department of Anthropology, Washington State University, Pullman, WA. 2016  
Ph.D. Dissertation: *Alliances, territoriality, conflict and warfare in the U.S. Southwest with a comparative case study from the South of France*  
Committee Chair: Timothy A. Kohler
- Ph.D. Archéologie, Territoires, Environnement, Université de Franche-Comté, Besançon, Franche-Comté, France. 2016  
Thèse: *Territorialité, alliance, conflit et guerre dans le sud-ouest des Etats-Unis : modélisation multi-agents et approche comparative avec un cas d'étude en France méditerranéenne.*  
Committee Co-chairs: François Favory & Laure Nuninger
- M.A. Department of Anthropology, Washington State University, Pullman WA. 2012
- B.A. Department of Anthropology, Scripps College, Claremont, CA. *Minor: French.*  
2004

### **Formal International Education**

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| 2012-2016 | Université de Franche-Comté, Besançon, France. |
| 2005      | Hanoi Language School, Vietnam.                |
| 2002-2003 | Université Paris IV, Sorbonne, Paris, France.  |

### **ADVANCED SUMMER SCHOOLS**

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| 2011 | Santa Fe Institute Complex Systems Summer School. Santa Fe, NM.              |
| 2011 | São Paulo Advanced Science School on Ecological Networks. São Pedro, Brazil. |

## PUBLICATIONS

### Peer-reviewed journal articles

- 2017      **Crabtree, Stefani A.**, Lydia J. S. Vaughn, Nathan T. Crabtree  
 “Reconstructing Ancestral Pueblo food webs in the southwestern United States.”  
*Journal of Archaeological Science*, 81:116-127.
- 2017      **Crabtree, Stefani A.**, R. Kyle Bocinsky, Paul L. Hooper, Susan C. Ryan, and  
 Timothy A. Kohler. “How to Make a Polity (in the Central Mesa Verde Region).”  
*American Antiquity*, 82(1), 71-95.
- 2016      D’alpoim Guedes, Jade, **Stefani A. Crabtree**, R. Kyle Bocinsky, Timothy A.  
 Kohler “21<sup>st</sup> Century Approaches to Ancient Problems: Climate and Society.”  
*Proceedings of the National Academy of Sciences*, 113(51), 14483-14491; doi:  
 10.1073/pnas.1616188113.
- 2016      **Crabtree, Stefani A.**, and Benjamin A. Bellorado “Using Cross-Media  
 Approaches to Understand Invisible Industry: How Cotton Production Influenced  
 Pottery Designs and Kiva Murals in Cedar Mesa.” *Kiva*, 82(2), 174-200.
- 2016      **Crabtree, Stefani A.** “Simulating Littoral Trade: Modeling the trade of wine in  
 the Bronze to Iron Age transition in Southern France.” *Land* **2016**, 5(1), 5;  
 doi:10.3390/land5010005.
- 2015      Clark, Julia K., **Stefani A. Crabtree** “Examining Social Adaptations in a  
 Volatile Landscape in Northern Mongolia Via the Agent-Based Model Ger  
 Grouper.” *Land* **2015**, 4(1), 157-181; doi:10.3390/land4010157.
- 2015      **Crabtree, Stefani A.** “Inferring Ancestral Pueblo Social Networks from  
 Simulation in the Central Mesa Verde” *Journal of Archaeological Method and Theory*:  
 Volume 22, Issue 1 (2015), Page 144-181. DOI 10.1007/s10816-014-9233-8
- 2013      Cockburn, Denton, **Stefani A. Crabtree**, Timothy A. Kohler, R. Kyle Bocinsky  
 “Simulating Social and Economic Specialization in Small-scale Agricultural  
 Societies.” *Journal of Artificial Societies and Social Simulation*. Vol 16(5).
- 2013      **Crabtree, Stefani A.** and Ludovic Malécot “The Solitary Goddess: Evidence of  
 Roman and Gaulish syncretism in the *Déesse de l’Abondance* of Rom, France.” *The  
 European Archaeologist*. Vol 39, p. 7-14.
- 2012      **Crabtree, Stefani A** and Timothy A. Kohler “Modeling Across Millennia:  
 Interdisciplinary Paths to Ancient Socio-natural Systems” in special issue  
 Modeling Across Millennia: Interdisciplinary Paths to Ancient Socio-natural  
 Systems. *Ecological Modelling*. Vol 241, p. 2-4.

- 2012 Timothy A. Kohler, R. Kyle Bocinsky, Denton Cockburn, **Stefani A. Crabtree**, Mark Varien, Ken Kolm, Schaun Smith, Scott Ortman, and Ziad Kobti “Modelling Prehispanic Societies in their Ecosystems” *in* special issue Modeling Across Millennia: Interdisciplinary Paths to Ancient Socio-natural Systems. *Ecological Modelling*. Vol 241, p. 30-41.

### Articles Under Review

- In review Romanowska, Iza, **Stefani A. Crabtree**, Benjamin Davies, Kathryn Harris “Agent-based Modeling for Archaeologists. Why model? How to model? When to use a model? A step-by-step guide.” Submitted to *Advances in Archaeological Practice*.
- In review Harris, Kathryn, **Stefani A. Crabtree** “The Infinite Efficiency of Debitage.” Submitted to *Journal of Archaeological Science Reports*.

### Special Issues

- 2012 **Crabtree, Stefani A** and Timothy A. Kohler *editors* Modeling Across Millennia: Interdisciplinary Paths to Ancient Socio-natural Systems. *Ecological Modelling*. August, 2012. Vol 241.

### Peer reviewed Book chapters

- In press Kohler, Timothy A., **Stefani A. Crabtree**, R. Kyle Bocinsky and Paul Hooper “Developing General Methods for Explaining Sociopolitical Evolution in Prehispanic Pueblo Societies.” Sabloff, J. (Ed.) *The Principles of Complexity*. Princeton University Press. <http://www.santafe.edu/media/workingpapers/15-04-011.pdf>
- In press Laure Nuninger, Pierre Garmy, Thérèse Libourel, **Stefani A. Crabtree**, Jean-Luc Fiches, Jacques Ferber. Modéliser les mutations territoriales de l'Âge du Fer dans le midi de la Gaule (VIe-Ve siècles av. J.-C.). Presses Universitaires François Rabelais ; Paris, France.
- In press Clara Schmitt, Robin Cura, Hélène Mathian, **Stefani A. Crabtree**, Christophe Coupé, Alain Franc, Florent Le Néchet, Lucie Nahassia, Lena Sanders. « TransModélographie ». Transitions dans les systèmes de peuplement: observer, interpréter et simuler l'émergence du changement spatial. Presses Universitaires François Rabelais ; Paris, France.
- In press Timothy A. Kohler, **Stefani A. Crabtree**. « Village and Polity Formation in Pueblo Societies: How Population Growth Channels Social Processes in Neolithic Societies ». Transitions dans les systèmes de peuplement: observer, interpréter et

simuler l'émergence du changement spatial. Presses Universitaires François Rabelais ; Paris, France.

- 2012 Kohler, Timothy A., R. Kyle Bocinsky, **Stefani A. Crabtree** and Ben Ford. *Exercising the Model: Settlement Efficiency and Changes in Locational Practice*, in Emergence and Collapse of Early Villages: Models of Central Mesa Verde Archaeology. Cal Press. p. 153-164.

### **Book Reviews**

- 2017 *Journal of Artificial Societies and Social Simulation*. Review of: Simulating Prehistoric and Ancient Worlds (Computational Social Sciences), Barceló, Juan A. and Castillo, Florencia Del (eds.). Springer-Verlag: Berlin. Vol 20(20):2017. <http://jasss.soc.surrey.ac.uk/20/2/reviews/2.html>

### **Other publications and works**

- 2009 **Crabtree, Stefani** *Healing Secrets of the South Pacific: An anthropologist discovers Samoan tinctures you can sample right at home*. March, "Natural Health Magazine", pp.89-90.
- 2008 SWCA Environmental Associates. *A Class III Cultural Resource Inventory for the Ryan Gulch 3-D Geophysical Exploration Project, Rio Blanco County, Colorado*. November, 2008.
- 2005 **Crabtree, Stefani** *Medicinal Matriarchs: Women and Traditional Medicine in Oceania and Asia*. Thomas J. Watson Foundation Final Report.

### **TEACHING EXPERIENCE**

#### **Washington State University, Instructor of Record**

- Fall 2016: Anthropology 130: Great Discoveries in Archaeology  
Anthropology 330: The Origins of Civilization
- Spring 2016: Anthropology 201: Art and Society
- Fall 2015: Anthropology 201: Art and Society
- Summer 2015 Anthropology 201: Art and Society
- Spring 2015 Anthropology 130: Great Discoveries in Archaeology
- Spring 2013 Anthropology 101: General Anthropology (A Four Fields Approach)
- Fall 2012 Anthropology 101: General Anthropology (A Four Fields Approach)

#### **Short Courses**

- Spring 2016: Agent-based modeling, an introduction. A 2-day workshop at the Computer Approaches in Archaeology Conference. Oslo.

Summer 2013: Simulation multi-agents. A 3-day workshop at the Université de Franche-Comté, France.

**Other Teaching, Sole Instructor**

Spring 2006: The Americana Project: The Archaeology of Oregon. Sisters School District.

**MAJOR FELLOWSHIPS AND GRANTS**

- 2017 Rust Family Foundation Grant. The Northern Mongolia Archaeology Project. \$5000
- 2015-2019 National Science Foundation. (Jade d'Alpoim Guedes, Senior PI). Adapting Subsistence Regimes to the Roof of the World: A case study from the Jiuzhaigou National Park. \$195,536
- 2010-2015 National Science Foundation Graduate Research Fellowship. 2010-2015. Stipend: \$92,000, Cost of Education: \$36,000, International Travel: \$1000
- 2013-2014 Chateaubriand Fellowship Program, Humanities and Social Science (part of the Chateaubriand-Fulbright U.S. and France Embassy Agreement). 2013-2014. Stipend: €6000, International Travel: €1500
- 2013 National Science Foundation Graduate Research Opportunities Worldwide. 2013. France. Stipend: \$5000
- 2005 Thomas J. Watson Fellowship. 2004-2005. New Zealand, Samoa, India, Vietnam. Stipend: \$22,000

**AWARDS, HONORS AND SMALL RESEARCH GRANTS**

- 2017 Penn State Postdoctoral Association Travel Award, \$250
- 2017 Arizona Archaeological and Historical Society Travel Award, \$500
- 2017 Computer Approaches and Quantitative Methods in Archaeology Travel Award, \$185
- 2016 Computer Approaches and Quantitative Methods in Archaeology Travel Award, €500
- 2016 Graduate and Professional Student Association Travel Award, \$180
- 2015 3MT: Three Minute Thesis Competition, Social Sciences Division, Washington State University, \$1000

- 2015 The Wiley Research Exposition Student Poster Award, Social Sciences, First Place, \$400
- 2014 Graduate and Professional Student Association Travel Award, \$350
- 2014 Elaine Burgess Graduate Fellowship in Anthropology. Washington State University, \$500
- 2014 Arizona Archaeological and Historical Society Travel Award, \$350
- 2014 Bourse de Mobilité Internationales des Doctorantes, Université de Franche-Comté, €1300
- 2013 NeDiMAH Workgroup “Space and Time” Grant, €600
- 2013 Washington State University Office of Research and Graduate School *Cotutelle* Grant, \$1000
- 2013 Janet L. Friedman Memorial Fellowship in Archaeology. Washington State University, \$1000
- 2013 Washington State University Office of Research and Graduate School Summer Research Grant, \$1000
- 2013 Arizona Archaeological and Historical Society Travel Award, \$350
- 2012 Don Crabtree Scholarship in Lithic Technology, \$1000
- 2012 Nicholas Michael Scoales Scholarship in Archaeology, Washington State University, \$1000
- 2012 Washington State University Association for Faculty of Women Founder’s Award, \$200
- 2012 American Association for the Advancement of Science, First Place, student poster competition, Social Sciences division, \$200
- 2011 São Paulo Advanced Science School on Ecological Networks Grant, \$2000
- 2011 Santa Fe Institute Complex Systems Summer School Scholarship, \$2000
- 2011 National Science Foundation Graduate Research Fellow International Travel Grant, \$1000
- 2010 Washington State University Graduate School Travel Grant. \$450
- 2010 NSF IGERT Program in Evolutionary Modeling. *Honorable Mention.*

### **INVITED SYMPOSIA**

- 2015 San Diego State University, San Diego, CA. “Cascading Effects and Social Consequences: Foodwebs in the Ancestral Pueblo Southwest.” November 15.

- 2015 Washington University in St. Louis, MO. “Examining Ancestral Pueblo Trophic Networks.” August 28.
- 2014 Pitzer College, Claremont, CA. “Ethnography, Archaeology and Adventure in Mongolia.” May 2.
- 2014 University of Southampton, Southampton, U.K. “A Tale of Two Villages, or, How Food Exchange Led to Aggregation in the American Southwest.” January 21.
- 2014 University of Cambridge, Cambridge, U.K. “Aggregation and Simulation in the American Southwest.” January 17.
- 2013 Université de Franche-Comté, Besançon. “Introduction à la modélisation multi-agent dans Netlogo.” May 29.

### **MEDIA COVERAGE**

- 2017 Just One New Thing Can Jostle the Food Web. <http://www.futurity.org/food-webs-1402532-2/> 4/15/2017
- 2017 Food webs entangle humans in complex relationships with animals, crops and the environment. <https://phys.org/news/2017-04-food-webs-entangle-humans-complex.html> 4/10/2017
- 2017 Climate Change: Learning from the Past. <https://www.pastemagazine.com/articles/2016/12/computers-tracking-climate-change.html> 1/5/2017
- 2016 Computer Models Find Ancient Solutions to Modern Problems. <https://news.wsu.edu/2016/12/20/computer-models-find-ancient-solutions-modern-problems/> 12/20/2016

### **PAST POSITIONS**

- 2016 Co-Director, Northern Mongolia Archaeology Project, American Center for Mongolian Studies. 2016.
- 2016 Researcher, Indiana University & Santa Fe Institute, School of Informatics and Computing. 2016.
- 2014-2015 Archaeologist and Field Technician. Rain Shadow Research, Pullman, WA.
- 2009-2014 Research Fellow, Department of Anthropology, Washington State University.

- 2011 Assistant-Director, Targan Nuur Archaeology Project, University of Pittsburgh. 2011.
- 2010 Field Technician. Cultural Resource Consultants, Ellensburg, WA.
- 2009 Archaeologist. Scott Stuemke and Associates, Bend, OR.
- 2008-2009 Archaeologist and crew chief. SWCA Environmental Consultants, Denver, CO.
- 2007-2008 Archaeological Field Technician. Cultural Resource Analysts, Inc. Longmont, CO.

## **CONFERENCE ACTIVITY**

### **Symposia Organized**

- 2017 Data, Theory, Methods, and Models. Approaching Anthropology and Archaeology through Computational Modeling. Computer Approaches and Quantitative Applications in Archaeology. Atlanta, GA, March 15.
- 2016 Complex systems simulations in archaeology. Can You Model That? Applications of Complex Systems Simulation to Explore the Past. Computer Approaches and Quantitative Applications in Archaeology. Oslo, Norway, March 30.
- 2015 Social networks, disasters, and human resilience: perspectives from the four fields of anthropology. 114<sup>th</sup> Annual Society for the American Anthropological Association Meetings. Denver, CO., November 16.
- 2015 Simulating Social Complexity to Understand the Archaeological Past. 80<sup>th</sup> Annual Society for American Archaeology Meetings. San Francisco, CA. April 16.
- 2012 Socionatural Systems in the Northern U.S. Southwest: A Village Ecodynamics Project II Progress Report. 77<sup>th</sup> Annual Society for American Archaeology Meetings. Memphis, TN, April 21.
- 2011 Modeling Across Millennia: Interdisciplinary Paths to Ancient Socio-natural Systems. AAAS Annual Meetings. Washington, DC. February 20.

### **Discussant**

- 2017 Modeling Agro-Pastoralism in Eurasia. 83<sup>rd</sup> Annual Society for American Archaeology Meetings, Vancouver, BC. April 1.

### **Papers**



- 2017 **Crabtree, Stefani A.**, Timothy A. Kohler. Modeling Polity Growth among Ancestral Pueblo People in Mesa Verde. Paper in symposium at 83<sup>rd</sup> Annual Society for American Archaeology Meetings. Vancouver, BC. March 30.
- 2017 **Crabtree, Stefani A.** Agent-based models of Hierarchy. Paper in symposium at 45<sup>th</sup> Annual Computation Approaches and Quantitative Methods in Archaeology International Conference. Atlanta, GA. March 14.
- 2017 **Crabtree, Stefani A.** Analyzing Trophic Networks Among the Ancestral Pueblo. Paper in symposium at 45<sup>th</sup> Annual Computation Approaches and Quantitative Methods in Archaeology International Conference. Atlanta, GA. March 15.
- 2016 **Crabtree, Stefani A.** Agent-based modeling and complexity science: the next steps in Archaeological Theory? Paper in symposium at 44<sup>th</sup> Annual Computation Approaches and Quantitative Methods in Archaeology International Conference. Oslo, Norway, March 30.
- 2015 **Crabtree, Stefani A.** Assessing Network Connectance with the Assistance of Ethnography, Archaeology and Agent-Based Modeling. Paper in symposium at 114<sup>th</sup> Annual Society for the American Anthropological Association Meetings. Denver, CO., November 16.
- 2015 **Crabtree, Stefani A.** Understanding Vulnerability and Resilience Through Archaeological Foodwebs. Paper in symposium at Conference on Complex Systems '15. Phoenix, AZ., September 28.
- 2015 **Crabtree, Stefani A.**, Simon DeDeo. How Human Perception of the Environment Influences the Abandonment Process. Paper in Ignite at Conference on Complex Systems '15. Phoenix, AZ., September 28.
- 2015 **Crabtree, Stefani A.**, R. Kyle Bocinsky, Timothy A. Kohler. Hierarchy and Tribute Flow in the American Southwest. Paper in symposium at 80<sup>th</sup> Annual Society for American Archaeology Meetings. San Francisco, CA, April 16.
- 2015 Kohler, Timothy A., R. Kyle Bocinsky, **Stefani A. Crabtree.** The Effects of Temporal Coarse Graining on Inferred Patterns of Human Movement. Paper in symposium at 80<sup>th</sup> Annual Society for American Archaeology Meetings. San Francisco, CA, April 18.
- 2014 **Crabtree, Stefani A.**, R. Kyle Bocinsky, Timothy A. Kohler. Modeling Emergence of Complex Groups on Realistic Landscapes. Principles of Complexity: Life, Scales, and Civilization III, August 2014. Santa Fe Institute, Santa Fe, NM, August 25.
- 2014 **Crabtree, Stefani A.**, Nathan T. Crabtree and Lydia Smith. Food Webs in the Ancestral Pueblo Southwest. Global Human Ecodynamics Alliance Modeling. Working Group, Santa Fe Institute, Santa Fe, NM, May 30.

- 2014 Kohler, Timothy A., **Stefani A. Crabtree**, R. Kyle Bocinsky. Emergence of Leadership in Pueblo Societies: Evolutionary Public Goods Games and Corporate Group Conflict in Agent-Based Models. Global Human Ecodynamics Alliance Modeling. Working Group, Santa Fe Institute, Santa Fe, NM, May 31.
- 2014 **Crabtree, Stefani A.**, Timothy A. Kohler and R. Kyle Bocinsky. The Development of Social Groups, Leadership and Inequality in the Central Mesa Verde. Paper in symposium at 79<sup>th</sup> Annual Society for American Archaeology Meetings. Austin, TX, April 26.
- 2014 Timothy A. Kohler, Kelsey Reese, **Stefani A. Crabtree**, and R. Kyle Bocinsky. Prolegomenon: VEP II, Almost in Retrospect. Paper in symposium at 79<sup>th</sup> Annual Society for American Archaeology Meetings. Austin, TX, April 26.
- 2014 **Crabtree, Stefani**. Modélisation multi-agent d'un réseau d'échanges. TransMonDyn. Lyon, France, January 19.
- 2013 Kohler, Tim A., R. Kyle Bocinsky, **Stefani A. Crabtree**, Andrew Hlynka, Lokesh Patil, Paul Lovell Hooper, Ziad Kobti. Leadership, Territoriality and Conflict in an Agentized Pueblo World in Complex-Systems Approaches to Long-Term Change. Paper in symposium at 112<sup>th</sup> Annual American Anthropological Association. Chicago, IL, November 21.
- 2013 **Crabtree, Stefani**. Interactions des spheres culturelles étrusques, grecques et gauloises entre l'âge du bronze et l'âge du fer dans le sud de la France: modélisation multi-agent d'un réseau d'échanges. Journée des doctorants en archéologie de l'Université de Franche-Comté. Besançon, France, November 10.
- 2013 **Crabtree, Stefani**, Julia K. Clark. Ger Grouper: Examining Social Interactions to a Volatile Environment in Northern Mongolia, Paper in symposium at Complex Systems in Prehistoric Research Satellite Workshop. European Conference on Complex Systems, ECCS'13. Barcelona, Spain, September 19.
- 2013 **Crabtree, Stefani**. Exchange, Alliances and Aggregation in the Village Ecodynamics Project. Presented at the 2013 Village Ecodynamics Project Presentation and Discussion of Preliminary Results. Crow Canyon, Cortez, CO, July 29.
- 2013 Kohler, Tim, **Stefani Crabtree**, Michael Berry. The Secrets of the Southwest Solved by Walkative Tree Rings. Paper in symposium at 78<sup>th</sup> Annual Society for American Archaeology Meetings. Honolulu, HI, April 4.
- 2012 **Crabtree, Stefani** *Invited Presenter*. Studying Archaeological Foodwebs in Ancestral Puebloan Society. Paper in symposium at CUNY Human Ecodynamics Research Center 2012 Open Workshop in Sustainability Science and Education. New York,

NY, October 15.

- 2012 **Crabtree, Stefani.** Exchange, Alliances and Aggregation on the Colorado Plateau. 77<sup>th</sup> Annual Society for American Archaeology Meetings. Memphis, TN, April 22.
- 2011 Donna Glowacki, Timothy Kohler, Kay Barnett, R. Kyle Bocinsky, **Stefani Crabtree**, Kelsey Reese, Elise Alonzi, and Andrew Steier. Large Villages in Upper Soda Canyon: an update on VEP field work.” 2011 Pecos Conference, Arizona. August 7.
- 2011 **Crabtree, Stefani**, Denton Cockburn, Ziad Kolti, Timothy A. Kohler. Archaeology Time Machine: Witnessing Social Interactions on the Pueblo Landscape through Agent-based Simulation. Paper in symposium at 76<sup>th</sup> Annual Meeting Society for American Archaeology. Sacramento, CA. April 3.
- 2011 Kohler, Timothy A., R. Kyle Bocinsky, **Stefani Crabtree**, and Denton Cockburn. The Village Ecodynamics Project: Modeling the Deep Pueblo Past. Paper in Symposium Modeling Across Millennia: Interdisciplinary Paths to Ancient Socionatural Systems. Paper in symposium at 177<sup>th</sup> AAAS Annual Meeting, Washington, D.C. February 20.
- 2010 **Crabtree, Stefani**, Timothy Kohler. Alliance Formation and Breakdown: Networks in the Village Ecodynamics Project. 109<sup>th</sup> Annual Meeting of the American Anthropological Association. New Orleans, LA. November 19.
- 2010 **Crabtree, Stefani**, Timothy Kohler, R. Kyle Bocinsky, Ben Ford. Modeling or Simulation? Assessing settlement patterns—real and modeled—in the VEP World. Paper in symposium at 75<sup>th</sup> Annual Meeting Society for American Archaeology, St. Louis, MO. April 15.

## Posters

- 2014 Harris, Kathryn, **Stefani A. Crabtree** and William Andrefsky. The Multifunctional Lives of Points and Flakes. 79<sup>th</sup> Annual Society for American Archaeology Meetings. Austin, TX, April 25.
- 2013 **Crabtree, Stefani.** Constructing Communities: Examining Household Aggregation in the American Southwest. 78<sup>th</sup> Annual Society for American Archaeology Meetings. Honolulu, HI, April 6.
- 2013 Harris, Kathryn, **Stefani Crabtree.** A Neutral Model of Stone Raw Material Procurement.. 78<sup>th</sup> Annual Society for American Archaeology Meetings. Honolulu, HI, April 5.
- 2012 Reese, Kelsey M., R. Kyle Bocinsky, Kay E. Barnett, **Stefani A. Crabtree**, Elise E. Alonzi, Andrew R. Steier, Donna M. Glowacki, Timothy A. Kohler. Large,

- Aggregated Villages in Little Soda Canyon. 77<sup>th</sup> Annual Society for American Archaeology Meetings. Memphis, TN, April 21.
- 2012 **Crabtree, Stefani**, Lydia Smith, Timothy A. Kohler. “Trophic Interconnectedness in Southwestern Colorado: Studying Archaeological Food Webs in Ancestral Puebloan Society.” 64<sup>th</sup> annual American Association for the Advancement of Science. Vancouver, BC. February 18. *See also awards.*
- 2011 **Crabtree, Stefani**. “There is No Such Thing as a Free Lunch: Costly Exchange in the Village Ecodynamics Project: A Network Analysis.” 64<sup>th</sup> annual Northwest Anthropological Conference. Moscow, ID. April 22.

### CAMPUS AND DEPARTMENTAL TALKS

- 2014 **Stefani Crabtree**. “Introduction to Mongolian Archaeology.” Guest lecturer in *Origins of Culture and Civilization*. November 2014.
- 2012 **Stefani Crabtree** and Kathryn Harris. “The Targan Nuur Archaeology Project in Mongolia.” *Anthropology Brown Bag Colloquium*. November 13<sup>th</sup>, 2012.
- 2010 Lipe, William, **Stefani Crabtree**, Charles Reed, Patrick Dolan. “Sandpiles and Settlement Shifts in the American Southwest.” WSU Academic Showcase. March 26, 2010.

### Pre 2010

- 2004 **Stefani Crabtree** “Commencer” Graduation class speaker; Scripps College. May 2004.
- 2004 **Stefani Crabtree** “La Déesse de l’abondance.” Mary W. Johnson conference. April 2004.
- 2003 **Stefani Crabtree** “Archaeology of Rom, France” Tuesday Noon Academy, Scripps College. September 2003.

### ARCHAEOLOGICAL AND ETHNOGRAPHIC FIELD EXPERIENCE

United States: Southwest (Mesa Verde National Park), Rocky Mountain West (Colorado, Wyoming), Great Plains (North Dakota, South Dakota, Eastern Montana, Wyoming), Great Basin (Eastern Oregon, Eastern Washington)

Foreign: Mongolia, France, New Zealand, Samoa, India, Vietnam, Australia

### UNDERGRADUATE STUDENT MENTORING

- 2016 Morgan Dock, Washington State University. Evidence for Blood in Paleolithic Cave Paintings.
- 2015 Colin Christiansen, Washington State University. Processes of Depopulation in Lattes, France: A study using ArcGIS.
- 2014 Carolyn Wason, Eastern University. Changing Pastoral Economies in Northern Mongolia: An ethnographic study from the Targan Nuur Archaeology Project.

### **UNIVERSITY SERVICE**

- 2015 Organizer: Anthropology departmental colloquia, Washington State University.
- 2014 Organizer: TranMonDyn visit of twelve French researchers to WSU.
- 2013 Organizer: Washington State University “Common Table: Black History Month” with Thomas Norman De Wolf and Sharon Leslie Morgan, authors of Gather at the Table.
- 2012 Anthropology Graduate Organization Scholar committee chair, 2012-2013.
- 2010 Archaeology Student Representative to Faculty, 2010-2011.

### **LANGUAGES**

English: Native

French: Fluent (speaking, reading and writing)

Spanish, Italian, Vietnamese: Speaking and reading knowledge

### **COMPUTER SKILLS**

Languages: Java, R, NetLogo

Applications: ArcGIS, Adobe Illustrator, Photoshop

Statistical Packages: R, Stata

Modeling Frameworks: RePAST (Java), NetLogo

Operating Systems: Mac OS X, Windows

### **PROFESSIONAL MEMBERSHIPS**

Society for American Archaeology 2009-present

American Association for the Advancement of Science 2009-present

American Anthropological Association 2009-present  
 Arizona Archaeological and Historical Society 2011-present

## **PROFESSIONAL REFERENCES**

Timothy A. Kohler, Regents Professor  
 Department of Anthropology, Washington State University  
 PO Box 644910, College Hall  
 Pullman WA 99164-4910;  
 (509) 335-2698  
 tako@wsu.edu

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 1350 Pleasant St.  
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 Boulder, CO 80309-0233  
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Laure Nuninger, Chargée de recherche, 1<sup>ère</sup> classe au CNRS  
 Université de Franche-Comté  
 Maison des Sciences de l'Homme et l'Environnement,  
 32 Rue Megévand,  
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