

# PAUL LOVELL HOOPER, PhD

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## EMPLOYMENT

**Santa Fe Institute**, Santa Fe, NM

Director of Education, 2017—  
Omidyar Postdoctoral Fellow, 2012—2014

**Emory University**, Atlanta, GA

Assistant Professor and Director of Undergraduate Studies, Department of Anthropology, 2014—2016

**University of New Mexico**, Albuquerque, NM

Post-doctoral Researcher, Department of Anthropology, 2011—2012

**Cheetah Advanced Technology**, Fort Collins, CO

Software Developer, Research and Development, 1997—2000

## EDUCATION

**University of New Mexico**, Albuquerque, NM

PhD with distinction, Evolutionary Anthropology and Integrative Biology, 2011  
MSc with distinction, Human Evolutionary Ecology, 2008

**Princeton University**, Princeton, NJ

AB *magna cum laude*, Near Eastern Studies, 2003

## PUBLICATIONS OVERVIEW

42 academic publications (30 peer-reviewed journal articles, 8 peer-reviewed book chapters, 2 invited commentaries, 1 dissertation and 1 audio-visual teaching resource), including 17 lead-author publications. 100+ invited lectures, conference presentations and posters.

1360+ citations; h-index = 17; i10-index = 25; mean impact factor = 6.97.

[Google Scholar Profile](#) | [ResearchGate Profile](#)

## PEER-REVIEWED PUBLICATIONS

Paul L. Hooper, Adrian V. Jaeggi & Hillard S. Kaplan "Gains to cooperation drive the evolution of egalitarianism." Under revision for *Nature Human Behaviour*.

Cody T. Ross, Paul L. Hooper, Monique Borgerhoff Mulder, Jennifer E. Smith, Eric Alden Smith, Kim Hill, Anne Pusey, Susan Perry, Claire El Mouden, Daniel Nettle, et al. "Small sex differences in reproductive skew in humans compared to non-human mammals." Under revision.

Paul L. Hooper, Eric A. Smith, Timothy A. Kohler, Henry Wright & Hillard S. Kaplan "Ecological and social dynamics of territoriality and hierarchy formation." (2018) In *Emergence of Archaic States*. Jeremy A. Sabloff & Paula Sabloff, Eds., SFI Press.

Timothy A. Kohler, Stefani A. Crabtree, R. Kyle Bocinsky & Paul L. Hooper. "Sociopolitical evolution in midrange societies: The prehispanic Pueblo case." (2018) In *Emergence of Archaic States*. Jeremy A. Sabloff & Paula Sabloff, Eds., SFI Press.

Adrian V. Jaeggi, Paul L. Hooper, Ann E. Hooper, Michael Gurven, Jane B. Lancaster & Hillard S. Kaplan "Cooperation between the sexes." In *Chimpanzees and Human Evolution*, Martin Muller, Richard Wrangham & David Pilbeam, Eds. Cambridge: Harvard University Press.

Paul L. Hooper "Political organization and inequality." *Human Behavioral Ecology* (textbook), Jeremy Koster, Brooke Scelza & Mary Shenk, Eds. Cambridge: Cambridge University Press.

Michael Gurven, Hillard Kaplan, Jonathan Stieglitz, Benjamin Trumble, Aaron D. Blackwell, Bret Beheim & Paul L. Hooper "The Tsimane Health and Life History Project (THLHP): Integrating anthropology and biomedicine." *Evolutionary Anthropology*.

Stefani A. Crabtree, R. Kyle Bocinsky, Paul L. Hooper, Susan C. Ryan & Timothy A. Kohler "How to make a polity (in the central Mesa Verde region)." (2016) *American Antiquity*, in press.

Michael Gurven, Megan Costa, Benjamin Trumble, Jonathan Stieglitz, Bret Beheim, Daniel Eid Rodriguez, Paul L. Hooper & Hillard S. Kaplan "Somatic costs of reproduction are minimal despite high fertility, mortality and subsistence lifestyle." (2016) *Scientific Reports* 6:30056.

Ann E. Caldwell & Paul L. Hooper "Sex hormones and physical activity in women: An evolutionary framework." (2016) In *Sex Hormones, Exercise and Women*, Anthony Hackney, Ed., Springer.

Adrian V. Jaeggi, Paul L. Hooper, Bret A. Beheim, Hillard Kaplan & Michael Gurven "Reciprocal exchange patterned by market forces helps explain cooperation in a small-scale society." (2016) *Current Biology*, 26(16).

Philip L. Hooper, Heather D. Durham, Zsolt Török, Paul L. Hooper, Tim Crul & László Vigh "The central role of heat shock factor 1 in synaptic fidelity and memory consolidation." (2016) *Cell Stress and Chaperones*, 21(5), 745-53.

Jennifer E. Smith, Sergey Gavrillets, Monique Borgerhoff Mulder, Paul L. Hooper, Claire El Mouden, Daniel Nettle, Christoph Hauert, Kim Hill, Susan Perry, Anne E. Pusey, Mark van Vugt & Eric Alden Smith

- "Leadership in mammalian societies: Emergence, distribution, power, and payoff." (2016) *Trends in Ecology and Evolution* 31(1):54-66
- Mary K. Shenk, Hillard S. Kaplan & Paul L. Hooper (Senior author.) "Status competition, inequality and fertility: Implications for the demographic transition." (2016) *Philosophical Transactions of the Royal Society B: Biological Sciences*, 371(1692): 20150150.
- Hillard S. Kaplan, Paul L. Hooper, Jonathan Stieglitz & Michael Gurven "The causal relationship between fertility and infant mortality: Prospective analyses of a population in transition." (2015) In *Population in the Human Sciences: Concepts, Models, Evidence*. Philip Kreager, Bruce Winney, Stanley Ulijaszek & Cristian Capelli, Eds. Oxford: Oxford University Press, 361-376.
- Paul L. Hooper, Kathryn Demps, Michael Gurven, Drew Gerkey & Hillard S. Kaplan "Skills, division of labour and economies of scale among Amazonian hunters and South Indian honey collectors." (2015) *Philosophical Transactions of the Royal Society B: Biological Sciences*, 370(1683), 20150008.
- Aaron D. Blackwell, Marilyne Tamayo, Bret Beheim, Benjamin C. Trumble, Jonathan Stieglitz, Paul L. Hooper, Melanie Martin, Hillard Kaplan & Michael Gurven "Helminth infection, fecundity, and age of first pregnancy in women." (2015) *Science* 350(6263): 970-972.
- Hillard S. Kaplan, John Bock, & Paul L. Hooper "Fertility theory: Embodied-capital theory of human life history evolution." (2015) *International Encyclopedia of Social and Behavioral Sciences*, 2<sup>nd</sup> edition. James D. Wright, Ed., pp. 28-34.
- Michael Gurven, Adrian V. Jaeggi, Christopher von Rueden, Paul L. Hooper, and Hillard Kaplan "Does market integration buffer risk, erode traditional sharing practices, and increase inequality? A test among Bolivian forager-farmers."(2015) *Human Ecology* 43(4):515-530.
- Paul L. Hooper, Michael Gurven, Jeffrey Winking & Hillard S. Kaplan "Inclusive fitness and differential productivity across the life-course determine intergenerational transfers in a small-scale human society." (2015) *Proceedings of the Royal Society B: Biological Sciences* 282, 20142808.
- Eric Schniter, Michael Gurven, Hillard Kaplan, Nathaniel T. Wilcox & Paul L. Hooper "Skill ontogeny among Tsimane forager-horticulturalists."(2015) *American Journal of Physical Anthropology* 158, 3-18.
- Paul L. Hooper, Michael Gurven & Hillard S. Kaplan "Social and economic underpinnings of human biodemography."(2014) In *Sociality, Hierarchy, Health: Comparative Biodemography. A Collection of Papers*. Maxine Weinstein and Meredith A. Lane, Eds. Washington, D.C.: National Academies Press, 169-196.
- Christopher von Rueden, Benjamin Trumble, Melissa Emery Thompson, Jonathan Stieglitz, Paul L. Hooper, Aaron Blackwell, Hillard Kaplan, and Michael Gurven "Political influence associates with cortisol and health among egalitarian forager-farmers." (2014) *Evolution, Medicine, and Public Health*, 2014(1) 122-133.
- Paul L. Hooper, Simon DeDeo, Ann E. Hooper Caldwell, Michael Gurven & Hillard S. Kaplan "Dynamical structure of a traditional Amazonian social network." (2013) *Entropy* 15(11), 4932-4955.
- Jonathan Stieglitz, Michael Gurven, Hillard Kaplan & Paul L. Hooper "Task delegation among Tsimane forager-farmers of Bolivia." (2013) *Current Anthropology* 54(2), 232-241.
- Philip L. Hooper, Lawrence Hightower & Paul L. Hooper "Loss of stress response as a consequence of viral infection: implications for disease and therapy." (2012) *Cell Stress and Chaperones* 17(6), 647-655.
- Michael Gurven, Jonathan Stieglitz, Paul L. Hooper, Cristina Gomes & Hillard S. Kaplan "From the womb

- to the tomb: The role of transfers in shaping the evolved human life history." (2012) *Experimental Gerontology* 47(10), 807-813.
- Timothy A. Kohler, Denton Cockburn, Paul L. Hooper, Kyle Bocinsky, & Ziad Kobti "The coevolution of group size and leadership: An agent-based public goods model for prehispanic Pueblo societies." (2012) *Advances in Complex Systems* 15(1), 1150007.
- Paul L. Hooper, Hillard S. Kaplan & James L. Boone "A theory of leadership in human cooperative groups." (2010) *Journal of Theoretical Biology* 265(4), 633-646.
- Hillard Kaplan, Michael Gurven, Jeffrey Winking, Paul L. Hooper & Jonathan Stieglitz "Learning, menopause, and the human adaptive complex." (2010) *Annals of the New York Academy of Sciences* 1204, 30-42.
- Philip L. Hooper, Paul L. Hooper, Michael Tytell & László Vigh "Xenohormesis: Health benefits from an eon of plant stress response evolution." (2010) *Cell Stress and Chaperones* 15(6), 761-771.
- Michael Gurven, Monique Borgerhoff Mulder, Paul L. Hooper, Hillard Kaplan, Robert Quinlan, Rebecca Sear, Eric Schniter, Christopher von Rueden, Samuel Bowles, Tom Hertz & Adrian Bell "Domestication alone does not lead to inequality: Intergenerational wealth transmission among horticulturalists." (2010) *Current Anthropology* 51(1), 49-64.
- Monique Borgerhoff Mulder, Samuel Bowles, Tom Hertz, Adrian Bell, Jan Beise, Greg Clark, Ila Fazzio, Michael Gurven, Kim Hill, Paul L. Hooper, William Irons, Hillard Kaplan, Donna Leonetti, Bobbi Low, Frank Marlowe, Suresh Naidu, David Nolin, Patrizio Piraino, Rob Quinlan, Rebecca Sear, Mary Shenk, Eric Alden Smith & Polly Wiessner "Intergenerational wealth transmission and the dynamics of inequality in small-scale societies." (2009) *Science* 326(5953), 682-688.
- Hillard S. Kaplan, Paul L. Hooper & Michael Gurven "The evolutionary and ecological roots of human social organization." (2009) *Philosophical Transactions of the Royal Society B*. 365(1533) 3289-3299.
- Philip L. Hooper & Paul L. Hooper "Inflammation, heat shock proteins, and type 2 diabetes." (2009) *Cell Stress and Chaperones*. 14(2): 113-115.
- Paul L. Hooper & Geoffrey F. Miller "Mutual mate choice can drive costly signaling even under perfect monogamy." (2008) *Adaptive Behavior*. 16(1): 53-70.

## INVITED COMMENTARIES

- Paul L. Hooper "Modeling the evolution of religious institutions."(2012) (Commentary on Harvey Whitehouse, Ken Kahn, Michael Hochberg & Joanna Bryson "The role for simulations in theory construction for the social sciences: Case studies concerning Divergent Modes of Religiosity") *Religion Brain and Behavior* 2(3), 209-212.
- Paul L. Hooper (2012) "Socioecology of networks." (Commentary on Robin I. M. Dunbar "Networks past and present") *Cliodynamics: The Journal of Theoretical and Mathematical History* 3(2), 353-6.

## DISSERTATION AND THESIS

- Paul L. Hooper *The Structure of Energy Production and Redistribution Among Tsimane' Forager-Horticulturalists*. (2011) Ph.D. Dissertation, Department of Anthropology, University of New Mexico. (Committee: Hillard S. Kaplan, Jane B. Lancaster, James L. Boone, Michael Gurven, James H. Brown)
- Paul L. Hooper *Forced Population Transfers in Early Ottoman Imperial Strategy: A Comparative Approach*. (2003) Senior Thesis, Department of Near Eastern Studies, Princeton University. (Advisors: Michael Cook, Heath Lowry, Erika Gilson)

## AUDIOVISUAL TEACHING RESOURCES

- Paul L. Hooper & Valeria Kulundary *English-Tyvan Audio Phrasebook*. (2015) Digital audio. 42 minutes. Santa Fe: Santa Fe Institute. Available online at: [englishtyvanaudiophrasebook.blogspot.com](http://englishtyvanaudiophrasebook.blogspot.com)
- Paul L. Hooper. *Santa Fe Institute Complexicon Video: Natural Selection*. (2018) 4 minutes. Santa Fe: Santa Fe Institute. [ComplexityExplorer.org](http://ComplexityExplorer.org)
- Paul L. Hooper. *Santa Fe Institute Complexicon Video: Gini Coefficient*. (2018) 4 minutes. Santa Fe: Santa Fe Institute. [ComplexityExplorer.org](http://ComplexityExplorer.org)

## PUBLIC SCHOLARSHIP AND WORKING PAPERS

- Paul L. Hooper, Eric A. Smith, Timothy A. Kohler, Henry Wright & Hillard S. Kaplan "Ecological and social dynamics of territoriality and hierarchy formation." (2017) *Santa Fe Institute Working Paper*, Santa Fe, NM.
- Cody Ross, Paul L. Hooper & Monique Borgerhoff Mulder "Data on the frequency of non-reproductive adults in a cross-cultural sample of small-scale human societies."(2015) bioRxiv doi: 10.1101/032318.
- Timothy A. Kohler, Stefani A. Crabtree, R. Kyle Bocinsky & Paul L. Hooper "Sociopolitical evolution in midrange societies: The prehispanic Pueblo case." (2015) *Santa Fe Institute Working Paper* 2015-04-011, Santa Fe, NM.
- Paul L. Hooper "We wouldn't be human without grandparents."(2013) *Santa Fe New Mexican* A1, May 6.
- Paul L. Hooper & Jonathan Stieglitz "Tsimane Health and Life History Project." (2011) *University of New Mexico Anthropology Newsletter*, Winter 2011.
- Paul L. Hooper "Field notes"(2010) *University of New Mexico Anthropology Newsletter*, Spring 2010.
- Paul L. Hooper "HHMI Interfaces Scholars at University of New Mexico PIBBS." (2007) *PIBBS Notes*. 1(1): 3.
- Simon Angus, Andrew Bell, Paul L. Hooper, Elizabeth Mullane, & Rafal Raciborski "A new approach to modeling social institutions using artificial neural networks." (2007) *Collected Papers of the Santa Fe Institute Complex Systems Summer School*, 2007. Santa Fe Institute.
- Paul L. Hooper, Michael Gurven & Hillard S. Kaplan "Evolutionary Anthropology Society: The Tsimane' Life History Project." (2006) *Anthropology News*. 47(9): 52-53.

## **MEDIA COVERAGE**

*New York Times, US News & World Report, Vice, Stern Magazine (Germany), Daily Mail (UK), The Times of India, Forbes, Voice of America, AAAS Science News, Anthropology News, Neuroscience News, Discovery News, Tech Times, Science Explorer, Market Business News, Science Daily, Emory eScience Commons, Santa Fe New Mexican, Santa Fe Institute Bulletin Magazine, Santa Fe Institute Update, UNM Today, and others.*

## **GRANTS AND FUNDRAISING**

- Over \$450,000 raised to support Education at the Santa Fe Institute from private and international donors, 2017—2018.
- NSF Office of Advanced Cyberinfrastructure (OAC): “Research Experiences for Undergraduates: Computational and Mathematical Modeling of Complex Systems”; Program Director: Paul L. Hooper; PI: Christopher Moore. (\$346,958)
- NSF Interdisciplinary Behavioral and Social Science (IBSS) Research: “Longitudinal cross-cultural study of social networks and inequality”; PI: Paul L. Hooper; Co-PIs: Matthew Jackson, Monique Borgerhoff Mulder, Samuel Bowles and Jeremy Koster. (\$994,382)
- Wenner-Gren Dissertation Fieldwork Grant: “Prosocial reputation dynamics in social networks in Orkney, UK”; Supervisor: Paul L. Hooper; PI: Hanne van der Iest; 2015-2016. (\$10,723)
- NSF Doctoral Dissertation Improvement Grant: “Prosocial reputation dynamics in social networks in the Scottish Northern Isles”; PI: Paul L. Hooper; Co-PI: Hanne van der Iest; 2015-2016. (\$24,613)
- NSF BCS-1258489, “Network structure, political hierarchy, and economic inequality: An interdisciplinary workshop and training program”; PI: Samuel Bowles; Co-PI: Paul Hooper; 2012-2014. (\$47,100)
- Latin American and Iberian Institute Field Research Grant, University of New Mexico, “Social organization of the Tsimane’ of lowland Bolivia”; PI: Paul L. Hooper; 2006. (\$5,000)
- Princeton University International Summer Study Grant (Istanbul, Turkey); PI: Paul L. Hooper; 2000. (\$3,000)

## **ACADEMIC SERVICE**

- Director of Education, Santa Fe Institute, 2017—.
- President’s Leadership Group, Santa Fe Institute, 2017—.
- Director of Undergraduate Studies, Department of Anthropology, Emory University, 2016-2017.
- Curriculum Committee Chair, Department of Anthropology, Emory University, 2016-2017.
- Curriculum Revision Committee Chair, Department of Anthropology, Emory University, 2016-2017.
- Undergraduate Concerns Committee, Department of Anthropology, Emory University, 2015-2016, 2016-2017.
- Executive Committee, Department of Anthropology, Emory University, 2015-2016, 2016-2017.
- Speakers and Symposia Committee, Department of Anthropology, Emory University, 2014-2015.

- Library Committee, Department of Anthropology, Emory University, 2014-2015.
- NSF Doctoral Dissertation Research Improvement Grant (DDRIG) Review Panelist, Spring 2015, Fall 2015, Spring 2016.
- NSF Senior Research Invited Reviewer, Fall 2015, Spring 2016.
- NIH Senior Research Invited Reviewer, Fall 2015, Spring 2016.
- Reviewer for *Science*; *Nature*; *Proceedings of the National Academy of Sciences*; *Philosophical Transactions of the Royal Society B*; *Proceedings of the Royal Society B*; *American Journal of Human Biology*; *American Journal of Physical Anthropology*; *Journal of Theoretical Biology*; *Ecology Letters*; *Behavioral Ecology*; *Human Nature*; *Evolution and Human Behavior*; *Evolutionary Behavioral Sciences*; *BMC Ecology*; *Evolutionary Behavioral Sciences*; *Journal of Soil Science and Environmental Management*.
- Member of the American Association of Physical Anthropologists, American Anthropological Association, Population Association of America, and Human Behavior and Evolution Society.
- Post-doctoral Representative, Santa Fe Institute, 2012—2014.
- Post-doctoral Representative, Santa Fe Institute faculty search (Cowan Chair in Human Social Dynamics), Spring 2014.
- Omidyar post-doctoral candidate reviewer, Santa Fe Institute, 2013, 2014.
- “A Slice of Science” seminar coordinator, Santa Fe Institute 2012—2014.
- Complex Systems Summer School candidate reviewer, Santa Fe Institute 2013.
- Lecture coordinator for the Human Evolutionary Behavioral Sciences network at the University of New Mexico. 2005-2006.
- Lecture coordinator for the Ertegün Foundation for Near Eastern Studies and the Research Program in International Security, Princeton University. 2002-2003.

## GRADUATE TEACHING

- Instructor. Complexity and Evolution of Human Societies (Online Masters Course). Arizona State University-Santa Fe Institute Masters in Complexity Science, to be released Spring 2019.
- Instructor. ANTH 585: Evolutionary Modeling. Emory University, Fall 2016.
- Instructor. ANTH 585: Statistical Methods. Emory University, Spring 2015.
- Instructor. ANTH 555: Research Seminar in Biological Anthropology. Emory University, Spring 2016.
- Guest Instructor. ANTH 503 Evolutionary Processes, Spring 2016.
- Guest Instructor. ANTH 500: Proseminar in Anthropology. Fall 2014, Fall 2015.
- Instructor. ANTH 797: Directed reading in evolutionary modeling, Emory University, Fall 2015.
- Instructor. ANTH 797: Directed reading in statistical methods, Emory University, Fall 2014.

- Unit Instructor. ANTH 620 (also BIOL 520, CS 520, ECE 620, STAT 520): Topics in Interdisciplinary Biology and Biomedical Sciences. Four-week unit: “Human Life History Evolution”. University of New Mexico, Spring 2011.
- Instructor, with George Bezerra (Computer Science) and Wenyun Zuo (Biology). ANTH 502 (also BIOL 502, CS 502, STAT 502, MATH 502): Networks: An Introduction to Network Theory and its Applications in Social, Biological, and Technological Systems. University of New Mexico, Fall 2010.

## UNDERGRADUATE TEACHING

- Instructor. ANTH 201: Concepts and Methods in Biological Anthropology (×3). Emory University, Fall 2014, Fall 2015, Spring 2016.
- Instructor. ANTH 497: Directed research undergraduate students (×3), Emory University, Spring 2016.
- Instructor. ANTH 497: Directed research undergraduate students (×3), Emory University, Fall 2015.
- Instructor. ANTH 497: Directed research undergraduate students (×1), Emory University, Fall 2014.
- Instructor. ANTH 497: Directed research undergraduate students (×6), Emory University, Spring 2014.
- Instructor. ANTH 160: The Human Life Course (×2). University of New Mexico, Fall 2011, Spring 2012.
- Instructor, with George Bezerra and Wenyun Zuo. ANTH 402 (also BIOL 402, CS 402, STAT 402, MATH 402): Networks: An Introduction to Network Theory and its Applications in Social, Biological, and Technological Systems (×1). University of New Mexico, Fall 2010.
- Teaching Assistant. ANTH 160: The Human Life Course (×4). University of New Mexico, Spring 2005, Fall 2005, Spring 2006, Fall 2006.
- Instructor. Undergraduate English (×1). Xinjiang University, Ürümqi, China, Spring 2004.

## UNDERGRADUATE AND GRADUATE ADVISING

- Program advisor, Research Experiences for Undergraduates: Computational and Mathematical Modeling of Complex Systems” Santa Fe Institute 2017 (13 students), 2018 (19 students).
- Graduate committee member, Adam Reynolds, Evolutionary Anthropology, University of New Mexico, 2016—
- Graduate committee member, Edward Seabright, Evolutionary Anthropology, University of New Mexico, 2016—
- Principal graduate advisor, Adam Reynolds, Biological Anthropology, Emory University, 2016—2017
- Principal graduate advisor, Daniel Copetto, Biological Anthropology, Emory University, 2016—2017
- Principal graduate advisor, Hanne van der Iest, Biological Anthropology, Emory University, 2014—2017
- Graduate committee member, Gabriela Sheets, Biological Anthropology, Emory University, 2015—2017.
- Secondary graduate advisor, Elizabeth Grace Veatch, Biological Anthropology, Emory University, 2015—2017.

- Undergraduate Honors Thesis Committee Member, Sean Kelly (Neuroscience and Behavioral Biology '16), Emory University, Spring 2016.
- Advisor. SIRE Summer Research Partner's program (SRPP), Jonathan Warkentine, Emory University, Summer 2016.
- Reference/letter writer for 15+ undergraduate students, Emory University 2014—
- STEM mentor for graduate (×1), undergraduate (×1), and high school (×6) students, Santa Fe Institute, 2012—2014.

## **FELLOWSHIPS, HONORS, AND AWARDS**

- Omidyar Fellow, Santa Fe Institute, 2012-2014.
- Department of Anthropology Nominee, Popejoy Prize for Outstanding Dissertation, University of New Mexico, 2013.
- Best Poster Award, Population Association of America Annual Meeting, San Francisco, May 4, 2012.
- Dean's Dissertation Year Fellowship, University of New Mexico, 2009-2010.
- Distinction, Doctoral Comprehensive Exam, Department of Anthropology, University of New Mexico, February 16, 2009.
- NIH/NIA-funded Research Assistant, Tsimane' Health and Life History Project, University of New Mexico. Spring 2008, Spring 2009, Fall 2009, Fall 2010, Spring 2011.
- Howard Hughes Medical Institute (HHMI) Interfaces Scholar in the Program in Interdisciplinary Biological and Biomedical Sciences (PIBBS), University of New Mexico. 2006-2007, 2007-2008, Spring 2010.
- Lewis R. Binford Human Evolutionary Ecology Graduate Fellow, University of New Mexico. 2005-2006.
- New Mexico Scholars Award, University of New Mexico. 2005-2006.
- Bayard and Cleveland Dodge Memorial Prize for Best Senior Thesis, Department of Near Eastern Studies, Princeton University. June 2003.
- American Research Institute in Turkey Undergraduate Fellowship, Boğaziçi University Program in Language and Culture. 2002.
- Redhouse Prize for Best Progress in the Turkish Language, American Association of Teachers of Turkic Languages. 2001.

## **FIELDWORK, FIELD SCHOOLS, AND INTERNATIONAL STUDY**

- Quantitative ethnographic fieldwork with nomadic pastoralists of Darkhad, Mongolia. July, 2016.
- Quantitative ethnographic fieldwork with nomadic pastoralists of the Tyva Republic, Russian Federation. July-September, 2013, November 2014, July-August, 2015.
- Quantitative ethnographic fieldwork with Tsimane' forager-horticulturalists of the Beni Department, Bolivia. May-July, 2006; January-June, 2007; July-August, 2008; September-October, 2009, May-June 2012, May-July 2014.

- Santa Fe Institute Complex Systems Summer School, Santa Fe. June, 2007.
- Uighur language coursework, Xinjiang University, Ürümqi, China. 2004.
- Persian language coursework, University of Utah. 2003.
- Advanced Turkish language, Boğaziçi University Program in Language and Culture, Istanbul. 2002.
- McGhee Center for Eastern Mediterranean Studies, Georgetown University, Alanya, Turkey. 2001.
- Intermediate Turkish at TÖMER Language Institute, Ankara University, Istanbul. 2000.