

<b>Anthropologist</b>	<b><u>David A. Nolin, Ph.D.</u></b> <b>Social Network Analyst</b>	<b>Demographer</b>
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Web: <a href="http://www.researchgate.net/profile/David_Nolin">www.researchgate.net/profile/David_Nolin</a>		Department of Anthropology
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### **Academic Employment**

Pennsylvania State University, Department of Anthropology	Postdoctoral Scholar	Aug 2017 – present
University of Missouri, Department of Anthropology and Life Sciences and Society Program	Postdoctoral Scholar	Jan 2015 – Aug 2017
Arizona State University, School of Human Evolution and Social Change	Assistant Research Scientist, Obesity Solutions	July – Dec 2014
Mayo Clinic, Arizona	Research Affiliate	July – Dec 2014
Boise State University, Department of Anthropology	Visiting Assistant Professor	Fall 2012 – Spring 2014
University of California at Davis, Department of Anthropology	Visiting Assistant Professor	Fall 2011 – Spring 2012
Duke University Dept. of Evolutionary Anthropology	Lecturing Fellow	Spring 2011
University of North Carolina Department of Anthropology	Adjunct Assistant Professor	Spring 2011
University of Cincinnati Charles Phelps Taft Research Center	Visiting Scholar	Fall 2010
University of North Carolina Carolina Population Center	Postdoctoral Scholar in Demography	October 2008 – September 2010

### **Education**

University of Washington Chair: Eric A. Smith	Ph.D. Anthropology	December 2008
State University of New York at Buffalo Advisor: Michael S. Alvard	M.A. Anthropology	December 2000
University of New Orleans	B.A. Anthropology	June 1995

## Research Interests

Social network analysis and network modeling; life history theory and evolutionary demography; cooperation, partner choice and coalition formation; human evolutionary ecology; quantitative methods and statistics.

## Peer-Reviewed Publications

- In prep Nolin, D. Historically increasing marriage delay in a sedentary foraging population: tests of ecological hypotheses. In preparation for *Demographic Research*.
- 2018 Nolin, D. Some Methodological Challenges of Working with Social Network Data. *Current Anthropology* 59:90-91 (Comment on: Ready, E. and Power, E. Why Wage-Earners Hunt: Food Sharing, Social Structure, and Influence in an Arctic Mixed Economy.)
- 2016 Ziker, J., Rasmussen, J., and Nolin, D. Indigenous Siberians solve collective action problems through sharing and traditional knowledge. *Sustainability Science* 11: 45- 55.
- 2016 Nolin, D. and Ziker, J. Reproductive responses to economic uncertainty: fertility decline in post-Soviet Ust'-Avam, Siberia. *Human Nature*, published online 5 Sept. 2016. DOI 10.1007/s12110-016-9267-6
- 2016 Ziker, J., Nolin, D., and Rasmussen, J. The effects of wealth on male reproduction among monogamous hunter-fisher-trappers in Northern Siberia. *Current Anthropology* 57: 221-229.
- 2016 Milton, K., Nolin, D., Ellis, K., Lozier, J., Sandel, B., and Lacey, E., Genetic, spatial, and social relationships among adult howler monkey (*Alouatta palliata*) group mates from Barro Colorado island, Panama. *Primates* 57: 253-265.
- 2015 Nolin, D. Disaggregating whom from how much. *Current Anthropology* 56:722-723. (Comment on: Kasper, C. and Borgerhoff Mulder, M. Who helps and why? Cooperative networks in Mpimbwe.)
- 2014 Ross, C., Weise, J., Nolin, D., Trask, J. and Smith, D, Ferguson, B., Ha, J., Kubisch, M., Vinson, A., and Kanthaswamy, S. An empirical comparison of short tandem repeats (STRs) and single nucleotide polymorphisms (SNPs) for relatedness estimation in Chinese rhesus macaques (*Macaca mulatta*). *American Journal of Primatology* 76: 313-324.
- 2012 Nolin, D. Food-sharing networks in Lamalera, Indonesia: Status, sharing, and signaling. *Evolution and Human Behavior* 33: 334-345.
- 2011 Nolin, D. Kin preference and partner choice: patrilineal descent and biological kinship in Lamalera cooperative relationships. *Human Nature* 22: 156-176.

- 2010 Nolin, D. Food-sharing networks in Lamalera, Indonesia: Reciprocity, kinship, and distance. *Human Nature* 21:243-268.
- 2010 Smith, E.A., Hill, K., Marlow, F., Nolin, D., Wiessner, P., Gurven, M., Bowles, S., Borgerhoff Mulder, M., Hertz, T., and Bell, A. Intergenerational wealth transmission and inequality among hunter-gatherers. *Current Anthropology* 51:19-34.
- 2009 Borgerhoff Mulder, M., Bowles, S., Hertz, T., Bell, A., Beise, J., Clark, G., Fazio, I., Gurven, M., Hill, K., Hooper, P., Irons, W., Kaplan, H., Leonetti, D., Low, B., Marlowe, F., McElreath, R., Naidu, S., Nolin, D., Piraino, P., Quinlan, R., Schniter, E., Sear, R., Shenk, M., Smith, E., von Rueden, C., and Wiessner, P. The intergenerational transmission of wealth and the dynamics of inequality in small-scale societies. *Science* 326: 682-688.
- 2002 Alvard, M. and D. Nolin. Rousseau's whale hunt? Coordination among big game hunters. *Current Anthropology* 43:533-559.

### **Manuscripts and Other Publications**

- 2013 Ziker, J., Demps, K., Nolin, D., and Genuchi, M. Time Allocation Workload Knowledge Study (TAWKS) Phase I Report: General Findings. Working Paper, Department of Anthropology, Boise State University.
- 2008 Nolin, D. Food-sharing networks in Lamalera, Indonesia: Tests of adaptive hypotheses. Doctoral dissertation: University of Washington, Seattle. (ProQuest ID: 1674466871)
- 2006 Nolin, D. and Adhuri, D. Tentative Final Report: Food Sharing in Lamalera, Indonesia. Report to the Indonesian Institute of Sciences (LIPI). November 2006.

### **Conference Presentations**

- 2017 Nolin, D., Shenk, M., and Mattison, S. Marital Assortment in Small-Scale Societies: Preliminary Results from a Cross-Cultural Comparison. Human Behavior and Evolution Society, Boise ID, May 31-June 3, 2017.
- 2016 Nolin, D., Shenk, M., and Mattison, S. Wealth Inequality and Marital Assortment in Small-Scale Societies. American Anthropological Association, Minneapolis MN, Nov. 16-20, 2016.
- 2016 Ziker, J., Nolin, D. and Moes, E. Risky Business: Subsistence Change and Reproductive Decision-Making in an Uncertain Environment. American Association of Physical Anthropologists, Atlanta GA, Apr. 13-16, 2016.
- 2015 Nolin, D. and Ziker, J. Wealth and cohort effects on fertility decline in an indigenous Siberian community in response to rapid economic change. American Anthropological Association, Denver CO, Nov. 18-22, 2015.

- 2015 Ziker, J. and Nolin D. Reproductive decision making in Ust'-Avam, Siberia: Fertility decline as a response to economic uncertainty. Human Behavior and Evolution Society, Columbia MO, May 27-30, 2015.
- 2015 Nolin, D., Mattison, S., and Shenk, M. Marital assortment and inequality in small-scale societies. Northwest Evolution, Ecology, and Human Behavior Symposium, Boise ID, Apr. 10-12.
- 2014 Nolin, D. Household maturity, intergenerational transfers, and household composition. Northwest Evolution, Ecology, and Human Behavior Symposium, Boise ID, Mar. 7-9.
- 2014 Black, M. and Nolin, D. Using XRF to assess variance in obsidian source distribution in southern Idaho. Northwest Evolution, Ecology, and Human Behavior Symposium, Boise ID, Mar. 7-9.
- 2013 Nolin, D. Statistical tests of generalized reciprocity in social network data. American Anthropological Association, Chicago IL, Nov. 20-24.
- 2013 Nolin, D. Testing for generalized reciprocity with exponential random graph modeling (ERGM). Northwest Evolution Ecology and Human Behavior Symposium, Boise ID, April 19-21.
- 2013 Bartling, K., Rasumssen, J., Ziker, J., and Nolin, D. Male reproductive success and forms of wealth in Northern Siberia. Northwest Evolution Ecology and Human Behavior Symposium, Boise ID, April 19-21.
- 2012 Nolin, D. Does competition among brothers drive marriage delay in Lamalera? 6<sup>th</sup> Annual California Conference on Evolutionary Perspectives on Human Behavior, California Polytechnic University, San Luis Obispo, May 4-6.
- 2011 Nolin, D. Historically increasing marriage delay in a foraging population: tests of ecological hypotheses. Population Association of America, Washington D.C., Mar 31-Apr 2.
- 2010 Nolin, D. Session Co-Organizer (with Shane Macfarlan). Circulation of Support: Social Networks and Cooperative Action in an Evolutionary Perspective. American Anthropological Association, New Orleans LA, Nov. 17-21.
- 2010 Nolin, D. Double-sampling designs and assessment of informant reliability in studies of human cooperative networks. American Anthropological Association, New Orleans LA, Nov. 17-21.
- 2010 Nolin, D. Ecological constraints, brideprice inflation, and embodied capital investment as explanations for marriage delay in Lamalera, Indonesia: An historical demographic investigation. Human Behavior and Evolution Society, Eugene OR, June 16-20.
- 2009 Nolin, D. Social and genetic kinship in Lamaleran food-sharing networks. American Anthropological Association, Philadelphia PA, December 2-6.

- 2009 Nolin, D. Signaling status through food sharing in Lamalera, Indonesia. Human Behavior and Evolution Society, Fullerton CA, May 27-31.
- 2007 Nolin, D. A social network analysis of food-sharing behavior in Lamalera, Indonesia. American Anthropological Association, Washington DC, Nov 28 – Dec 3.
- 2007 Nolin, D. Reproductive value as a proximate measure of marginal inclusive fitness returns. Human Behavior and Evolution Society, Williamsburg, VA, May 30-June 3.
- 2005 Nolin, D. and M. Alvard. Preference and structure: A social network analysis of an Indonesian whaling fleet. Human Behavior and Evolution Society, Austin TX. June 1-5, 2005.
- 2000 Nolin, D. and M. Alvard. Cooperative hunting group formation: whaling crew formation as a two-sided matching problem. American Anthropological Association, San Francisco CA, November 15-19, 2000.
- 2000 Nolin, D. and M. Alvard. Resource sharing and growth of offspring in Lamalera, Indonesia. Human Behavior and Evolution Society, Amherst MA, June 7-11, 2000.
- 2000 Nolin, D. and M. Alvard. Meat-sharing among the marine foragers of Lamalera: an anthropometric test. American Association of Physical Anthropologists, San Antonio TX, April 12-15, 2000.

### **Other Presentations**

- 2015 Nolin, D. and Ziker, J. Husband's wealth and wife's fertility in post-Soviet Ust'-Avam, Siberia. University of Missouri, Columbia, Department of Anthropology, Nov. 11, 2015.
- 2015 Nolin, D. and Ziker, J. Fertility decline in post-Soviet Ust'-Avam, Siberia: Response to risk or uncertainty? University of Missouri, Columbia, Department of Anthropology, April 22, 2015.
- 2014 Nolin, D. Networks of Cooperation in Lamalera, Indonesia: Using Social Network Analysis to Test Adaptive Hypotheses. University of Missouri, Columbia, Department of Anthropology, April 21, 2014.
- 2013 Nolin, D. What goes around comes around? Cyclicity as a statistical test of generalized reciprocity in social network data. University of California, Los Angeles, Center for Behavior, Evolution, and Culture, October 14, 2013.
- 2011 Nolin, D. Status, Sharing, and Signaling: Does costly signaling explain excessive food-sharing by elites in Lamalera, Indonesia? University of California at Davis, Department of Anthropology, October 17, 2011.
- 2010 Nolin, D. Food-sharing networks in Lamalera, Indonesia: Reciprocity, kinship, and distance. University of Cincinnati, Department of Anthropology, October 14, 2010.

- 2009 Nolin, D. Signaling status through food sharing in Lamalera, Indonesia. Ecology, Evolution, and Health Working Group, University of North Carolina, April 27, 2009.
- 2009 Nolin, D. Modeling food-sharing networks in Lamalera, Indonesia: Distance, kinship, and reciprocity. Carolina Population Center, March 20, 2009.
- 2009 Nolin, D. Food-sharing networks in Lamalera, Indonesia: Reciprocity, kinship, and distance. UNC-Duke Joint Social Network Analysis Interest Group, Duke University, February 28, 2009.
- 2008 Nolin, D. Exponential random graph modeling made easy. UNC-Duke Joint Social Network Analysis Interest Group, Duke University, November 13, 2008.
- 2007 Nolin, D. Modeling a food-sharing network in an Indonesian whaling village. Center for Studies in Demography and Ecology, U. Washington, October 16, 2007.
- 2004 Nolin, D. Emergent structure from individual action: A social network analysis of relationships among cooperative groups in Lamalera, Indonesia. Biocultural Anthropology Seminar Series, Department of Anthropology, U. Washington, October 13, 2004.

### **Research Activity**

- 2017 Participating Researcher, workshop on the Dynamics of Gender in Matrilineal Kinship Systems, University of New Mexico, Feb. 4-5, 2017.
- 2017 Participating Researcher, workshop on Social Networks and Inequality in Small-Scale Societies, Santa Fe Institute, Jan. 31 – Feb. 3, 2017.
- 2015 – present Marital Assortment and Wealth Inequality (with Mary K. Shenk and Siobhán M. Mattison). Postdoctoral research project, University of Missouri and Pennsylvania State University.
- 2015 Participating Researcher, workshop on the Dynamics of Wealth Inequality and Family Structure, Santa Fe Institute, Jan. 30 – Feb. 1, 2015.
- 2014 Assistant Research Scientist, ASU-Mayo Obesity Solutions: Understanding Obesity Through Big Data Project, Arizona State University, Jul. – Dec. 2014.
- 2013 – 2015 Participating Researcher, working group on Integrating Evolutionary Models of Human Fertility Change. National Evolutionary Synthesis Center, Duke University, Oct 24-27, 2013, July 24-27, 2014, Dec. 8-11, 2014, and May 21-24, 2015. (PI: Mary Shenk, Dan Hruschka, and Rebecca Sear).
- 2013 – 2014 Time Allocation Workload Knowledge Study (TAWKS). Boise State University, with John Ziker, Kathryn Demps, and Matthew Genuchi.
- 2013 Pilot Research, South Lembata Markets Project, Indonesia, June-July 2013.

- 2012 Participating Researcher, workshop on the Evolutionary Demography of Fertility: The Influence of Social Networks, School for Advanced Research, Santa Fe, NM: June 18-20, 2012.
- 2007 – 2012 Participating Researcher, project on Inter-generational Transmission of Wealth in Pre-modern Societies, Santa Fe Institute, May 2007 – February 2012. (PI: S. Bowles and M. Borgerhoff-Mulder, SFI).
- 2008 – 2011 Postdoctoral Scholar in Demography, Carolina Population Center, University of North Carolina at Chapel Hill. Oct 2008 – Sept 2011
- 2007 – 2008 Predoctoral Scholar in Demography, Center for Studies in Demography and Ecology, University of Washington, Seattle, Sept 2007 – June 2008
- 2006 Doctoral Dissertation Field Research: Food Sharing in Lamalera, Indonesia (U. Washington). March – December, 2006.
- 2005, 2007 Research Assistant, Fluctuating Asymmetry and Dermatoglyphics Project (PI: D. Holman, U. Washington). Fall 2005; Spring – Fall 2007.
- 2004 Research Consultant, Seattle Quality of Life Research Group (PI: D. Patrick, U. Washington). Summer 2004.
- 2003 – 2004 Research Assistant, Northeast India Comparative Allocare Study (PI: D. Leonetti, U. Washington). Fall 2003, Spring 2004.
- 2000 Visiting Scholar, Dept. of Anthropology, Texas A&M University. Fall 2000.
- 1998 – 1999 Lead Field Research Assistant, Lamalera Cooperative Hunting Project (PI: M. Alvard, SUNY Buffalo). September 1998 – August 1999.
- 1997 Field Research Assistant, Lamalera Pilot Study (PI: M. Alvard, SUNY Buffalo). Summer 1997.
- 1996 Research Assistant, Morowali Sustainable Hunting Project (PI: M. Alvard, SUNY Buffalo). Spring – Fall 1996.

### **Grants, Scholarships, and Awards**

- 2013 Human Behavior and Evolution Society Conference Support Award (\$1661) for the Second Annual Northwest Evolution, Ecology, and Human Behavior Symposium. Co-submission with John Ziker and Kathryn Demps.
- 2012 Human Behavior and Evolution Society Conference Support Award (\$1795) for the Inaugural Northwest Evolution, Ecology, and Human Behavior Symposium. Co-submission with John Ziker and Kathryn Demps.
- 2008 – 2010 NIH Postdoctoral Training Fellowship in Demography, Carolina Population Center, University of North Carolina. (NIH-NICHD NRSA: 5 T32 HD007168).

- 2007 – 2008 NIH Predoctoral Training Fellowship in Demography, Center for Studies in Demography and Ecology, University of Washington. (NIH-NICHHD NRSA: 5 T32 HD007543). June 2007 – June 2008.
- 2007 Best Paper by a Student, Evolutionary Anthropology Society of the American Anthropological Association, Dec. 2007.
- 2007 Conference Travel Support Grant (\$1000), Center for Statistics and the Social Sciences, U. Washington. April 2007.
- 2005 NSF Doctoral Dissertation Improvement Award: Food Sharing in Lamalera, Indonesia: Tests of Adaptive Hypotheses (BCS-0514559; \$11,875). Summer 2005.
- 2000 Leakey Foundation General Research Grant (\$6,000; declined & returned Dec 2000). April 2000.
- 1998 Foreign Language and Area Studies grant for study of Indonesian, Southeast Asian Summer Studies Institute, U. Oregon (\$8,000). Summer 1998.

### **Teaching Experience**

- 2015 – 2017 Postdoctoral Fellow, Department of Anthropology, University of Missouri: *Cultural Anthropology* (Fall & Spring 2015; Spring 2017), *Comparative Social Organization* (Spr. 2016), *Ethnography of Southeast Asia* (Fall 2016).
- 2013 – 2016 Instructor, *Statistics in Ethnographic Research*, NSF Short Courses in Research Methods for Cultural Anthropology (Co-taught with Dan Hruschka, Beaufort NC, July 22-26, 2013; July 28-Aug 1, 2014; and July 20-24, 2015; Co-taught with Jeremy Koster, Gainesville FL, July 18-22, 2016)
- 2012 – 2014 Visiting Assistant Professor, Department of Anthropology, Boise State University: *Human Behavioral Ecology, Adaptation and Human Behavior* (grad), *Statistical Methods in Anthropology* (grad), *Hunter-Gatherers, Cultural Anthropology, Quantitative Field Methods, Economic Anthropology*. Fall 2012-Spring 2014.
- 2011 – 2012 Visiting Assistant Professor, Department of Anthropology, University of California at Davis: *Kinship and Social Organization, Human Cooperation in Evolutionary Perspective, Human Behavioral Ecology Lab, Economic Anthropology, and Ecology, Nature, and Society*. Fall 2011 – Spring 2012.
- 2011 Lecturing Fellow, Duke University Department of Evolutionary Anthropology, *Evolution, Ecology, and Human Behavior*. Spring 2011.
- 2011 Adjunct Assistant Professor, University of North Carolina at Chapel Hill, Department of Anthropology, *Human Evolution and Adaptation*. Spring 2011



- 2010 Charles Phelps Taft Visiting Fellow & Taft Seminar Instructor, *Advances in the Method and Theory of Social Network Analysis*. Fall 2010.
- 2009 – 2010 Coordinator, *Ecology, Evolution, and Health Working Group*, University of North Carolina, Chapel Hill. Spring 2009 – Spring 2010.
- 2004 – 2006 Teaching Assistant, University of Washington. Total of five quarters. Courses included *Introduction to Anthropology*, *Introduction to Biocultural Anthropology*, and *Evolution and Human Behavior*.
- 1995 – 1998 Teaching Assistant, SUNY Buffalo. Total of four semesters. Courses included *Introduction to Cultural Anthropology*, *Human Genetics*, *Human Behavioral Ecology*, and *Introduction to Physical Anthropology*

### **Other Training**

- 2014 Complex Adaptive Systems Agent-Based Modeling Workshop, Arizona State University, Sept. 10-12, 2014.
- 2014 Network Modeling of Epidemics Workshop, University of Washington, June 16-21, 2014.
- 2008 – 2010 Postdoctoral Scholar in Demography, Carolina Population Center, University of North Carolina, Chapel Hill.
- 2008 Statistics Concentration in Anthropology, Center for Statistics and the Social Sciences, University of Washington. Completed June 2008.
- 2007 – 2008 Predoctoral Fellow in Demography, Center for Studies in Demography and Ecology, University of Washington.
- 2000 NSF Summer Institute for Research Design in Cultural Anthropology. Duke Marine Laboratory, Beaufort NC, July – August 2000.
- 1998 Intermediate Indonesian, Southeast Asia Studies Summer Institute (SEASSI). University of Oregon, Eugene OR, June - August 1998.

### **Service**

- 2016 - 2017 Co-Organizer, Science Café Columbia, University of Missouri (<https://www.facebook.com/ScienceCafeColumbia/>)
- 2015 – 2017 Assistant Symposium Organizer, Life Sciences and Society Program, University of Missouri (<http://lssp.missouri.edu>)
- 2015 – 2017 Co-Organizer, Saturday Morning Science public science lecture series, University of Missouri (<http://satscience.missouri.edu>)

- 2009 – 2017 Peer Reviewer for *Arctic Anthropology*, *Current Anthropology*, *Evolution and Human Behavior*, *Field Methods*, *Human Ecology*, *Human Nature*, and *Phil. Trans. B*.
- 2014 Grant Reviewer, Decision and Risk Management Sciences, National Science Foundation
- 2013 – 2014 Co-organizer, Second Annual Northwest Evolution, Ecology, and Human Behavior Symposium. Boise State University, Boise ID, March 7-9, 2014.
- 2012 – 2013 Co-organizer, Inaugural Northwest Evolution, Ecology, and Human Behavior Symposium. Boise State University, Boise ID, April 19-21, 2013.
- 2012 Presentation Judge, Evolutionary Anthropology Society, American Anthropological Association. San Francisco CA, Nov. 14-18.
- 2007 – 2009 Executive Board, Evolutionary Anthropology Society, American Anthropological Association (Student Representative Seat). November 2007 – November 2009.
- 2007 – 2008 Resources Committee, Graduate Student Representative, Department of Anthropology, University of Washington, Seattle.

### **Professional Memberships**

American Anthropological Association  
Human Behavior and Evolution Society