

Siobhán M. Mattison

Anthropology

February 2021

Educational History

- Ph.D. 2010** University of Washington, Seattle, WA, Anthropology
Demystifying the Mosuo: The behavioral ecology of kinship and reproduction of China's 'last matriarchal' society
 Eric Alden Smith, dissertation advisor
- M.A. 2007** University of Washington, Seattle, WA, Anthropology
Kinship organization and sex bias in parental investment among the ethnic Na of Southwest China
 Eric Alden Smith, thesis advisor
- B.A. 2003** Cornell University, Ithaca, New York, Biology (*cum laude*)
Self-Assemblage Formation in a social insect: The protective curtain of a honey bee swarm
 Thomas D. Seeley, thesis advisor

Employment History Part I

- Associate Professor**, 2020-Present, Department of Anthropology, University of New Mexico, Albuquerque, NM
- Program Officer**, 2019-Present, National Science Foundation, Alexandria, VA
- Assistant Professor**, 2015-2020, Department of Anthropology, University of New Mexico, Albuquerque, NM
- Research Assistant Professor**, 2014-2015, Department of Biology, Boston University, Boston, MA
- Visiting Assistant Professor**, 2013-2014, Department of Ecology, Evolution, and Natural Resources, Rutgers University, New Brunswick, NJ
- Lecturer**, 2011-2013, Department of Anthropology, University of Auckland, Auckland, New Zealand
- Postdoctoral Fellow**, 2010-2011, Department of Anthropology and Morrison Institute for Population and Resource Studies, Stanford University, Stanford, CA

Employment History Part II

- Feminist Research Institute**, 2018-Present, University of New Mexico, Albuquerque, NM

Honorary Research Fellow, 2013-Present, Department of Anthropology, University of Auckland, Auckland, New Zealand

Professional Recognition and Honors

Editor's Choice, 2020, Wander et al., High altitude adaptation mitigates risk for hypertension and diabetes-associated anemia. *American Journal of Physical Anthropology*.

IPA Special Act Certificate for Excellence in Contributions to Programs, Division, and NSF, 9/2020

New Investigator Award, 2015, Evolutionary Anthropology Society of the American Anthropological Association

Future Research Leadership Programme, 2013, University of Auckland, Auckland, NZ

2nd Place, Annual Fieldwork Photography Contest, 2009, American Anthropological Association

Foreign Language Area Studies (FLAS) Fellowship, 2007, University of Washington, Seattle, WA

National Institutes of Health (NIH)/Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)/Center for Studies in Demography and Ecology (CSDE) Fellowship, 2006-2007, University of Washington, Seattle, WA

CSDE Shanahan Fellowship, 2005-2006, University of Washington, Seattle, WA

FLAS Fellowship (declined), 2006, University of Washington, Seattle, WA

Sigma Xi 2006

At the broadest level, my research uses theory derived from human behavioral ecology to understand (i) how humans adapt to their socio-ecological environments and (ii) what consequences associated decisions have on health and demographic outcomes. To date, my most significant efforts have focused on understanding the evolutionary causes and consequences of variation in kinship practices. I draw on primary data collected nearly fifteen years of fieldwork among the matrilineal and patrilineal Mosuo of Southwest China. Our data provide support for hypotheses that link subsistence to sex-biased kinship. For example, we have found that: (i) market integration precipitates a shift away from traditional matrilineal kinship practices (Mattison 2010); and (ii) that matrilineal inheritance follows from increased payoffs to daughter-biased investment (Mattison 2011, Mattison et al. 2016). Recent work has focused on synthesizing prior results and extending theory to explain novel findings (Kolodny et al., in revision; Mattison, Quinlan, and Hare, 2019; Mattison et al., accepted), including taking a leading role in editing a recent issue of *Phil Trans B* that integrated research to address the evolution of female-biased kinship across taxa (Mattison, Shenk, et al., 2019). Finally, we have recently added to our methodological repertoire the analysis of biomarkers from capillary blood to provide complementary tests of these hypotheses (Reynolds et al., 2020; Wander et al., 2020). These articles have had outstanding impact, with an alt-metric score of over 400 for Reynolds et al., and Editor's Choice for Wander et al.

My lab is extending our work exploring biases in parental investment to determine more broadly how such biases interact with market integration to create differences in the distribution of health and wealth – i.e., to understand the elaboration of social inequality – in association with economic development. Building on theoretical foundations laid out in our article in *Evolutionary Anthropology* (Mattison et al., 2016), I have led a large team of interdisciplinary, international researchers in data collection and analysis based on socio-demographic, biomarker, and social network data. Numerous ongoing additional collaborations contribute to my scholarship in these areas, including projects exploring biased parental investment in breastfeeding and its health outcomes (Wander and Mattison, 2013; Mattison et al. 2015; Wander et al., submitted), and the effects of adoption on child mortality in Taiwan (Mattison et al. 2015, 2018). We are now preparing to launch fieldwork in Vanuatu to collect primary data and test evolutionary hypotheses explaining adoption.

My teaching dovetails with my research, focusing topically on human behavioral ecology, kinship, and demography, and pedagogically on promoting evidence-based science. My courses aim to provide students with unique, student-tailored theoretical and methodological toolkits that improve students' comprehension and evaluation of real-world scientific phenomena and that enhance their ability to engage in scientific research. I provide as many such opportunities as possible, mentoring many RAs, postdocs, and undergraduates on my projects, and helping mentees to establish a track record of funding and publication success.

I see academic service work as a means to improve the academic community and enhance my own contributions to my academic environment. At UNM, I served as the colloquium committee representative for evolutionary anthropology until 2019; I am a committee member of 3 students and an additional 2 who completed their MA and PhD defenses in 2020, and am chair or co-chair of an additional 3. I manage a lab that now includes several undergraduate students. I am a consulting editor for 4 peer-reviewed article outlets. I am an active member of numerous scholarly associations, including an elected member of the board of the Evolutionary Anthropology Society (2012-2016). I have also served numerous times as a panelist and now program officer for the National Science Foundation (NSF). I have served

on the search committee for the spousal hire in archaeology (2018) and for the evolutionary tenure-track hire (2018-19) and for several program officer hires at NSF (2020).

Scholarly Achievement

Books Authored or Co-authored

N/A

Books Edited or Co-edited

N/A

Articles Published in Refereed Journals (*denotes student)

Reynolds, Adam Z.*, Katherine Wander, Chun-Yi Sum, Mingjie Su*, Melissa Emery Thompson, Paul L. Hooper, Hui Li, Mary K. Shenk, Kathrine E. Starkweather*, Tami Blumenfield, **Siobhán M. Mattison**. 2020. Matriliney reverses gender disparities in inflammation and hypertension among the Mosuo of China. *Proceedings of the National Academy of Sciences*
<https://doi.org/10.1073/pnas.2014403117> - alt-metric 409, 1/2021

Wander, Katherine, Mingjie Su*, Peter M. Mattison*, Christopher C. Witt, Tami Blumenfield, Mary K. Shenk, Hui Li, and **Siobhán M. Mattison**. 2020. High altitude adaptation mitigates risk for hypertension and diabetes-associated anemia. *American Journal of Physical Anthropology* (EDITOR'S CHOICE, JUNE 2020)
<https://doi.org/10.1002/ajpa.24032>

Scelza, Brooke A., Sean P. Prall, Tami Blumenfield, Alyssa N. Crittenden, Michael Gurven, Michelle Kline, Jeremy Koster, Geoff Kushnick, **Siobhán Mattison**, Elizabeth Pillsworth, Mary K. Shenk, Kathrine Starkweather, Jonathan Stieglitz, Chun-Yi Sum, Kyoko Yamaguchi, and Richard McElreath. 2020. Patterns of paternal investment predict cross-cultural variation in jealous response. *Nature Human Behaviour*: 10.1038/s41562-019-0654-y

Mattison, Siobhán M., Mary Shenk, Melissa Emery Thompson, Monique Borgerhoff Mulder, Laura Fortunato. 2019. Preface: The evolution of female-biased kinship in humans and other mammals. *Philosophical Transactions of the Royal Society of London, Series B*. <https://doi.org/10.1098/rstb.2019.0007>

Mattison, Siobhán M., Robert J. Quinlan, and Darragh Hare*. 2019. The expendable male hypothesis. *Philosophical Transactions of the Royal Society of London, Series B*. <https://doi.org/10.1098/rstb.2018.0080>

Koster, Jeremy, Dieter Lukas, David Nolin, Eleanor Power, Alexandra Alvergne, Ruth Mace, Cody Ross, Karen Kramer, Russell Greaves, Mark Caudell, Shane Macfarlan, Eric Schniter, Robert Quinlan, **Siobhán M. Mattison**, Adam Reynolds*, Chun-Yi Sum*, Eric Massengill*. Kinship ties across the lifespan in human communities.

2019. *Philosophical Transactions of the Royal Society of London, Series B*.
<https://doi.org/10.1098/rstb.2018.0069>

Borgerhoff Mulder, Monique, Mary Towner, Ryan Baldini, Bret Beheim, Heidi Colleran, Michael Gurven, Karen Kramer, **Siobhán M. Mattison**, David Nolin, Brooke Scelza, Rebecca Sear, Mary K. Shenk, and Eckart Voland. Differences between Sons and Daughters in the Intergenerational Transmission of Wealth. 2019. *Philosophical Transactions of the Royal Society of London, Series B*.
<https://doi.org/10.1098/rstb.2018.0076>

Scelza, Brooke A., Sean P. Prall, Tami Blumenfield, Alyssa N. Crittenden, Michael Gurven, Michelle Kline, Jeremy Koster, Geoff Kushnick, **Siobhán Mattison**, Elizabeth Pillsworth, Mary K. Shenk, Kathrine Starkweather, Jonathan Stieglitz, Chun-Yi Sum, Kyoko Yamaguchi, and Richard McElreath. Patterns of paternal investment predict cross-cultural variation in jealous response. 2019. *Nature Human Behaviour*.
[10.1038/s41562-019-0654-y](https://doi.org/10.1038/s41562-019-0654-y)

Blumenfield, Tami, Chun-Yi Sum, Mary K. Shenk, and **Siobhán M. Mattison**. 2018. Poverty alleviation and mobility in southwest China: Examining effects of market transition and state policies in Mosuo communities. *Urban Anthropology and Studies of Cultural Systems and World Economic Development*, 47(3,4): 259-299.

Spray, Julie*, Bruce Floyd, Judith Littleton, Susanna Trnka, and **Siobhán M. Mattison**. 2018. Social group dynamics predict stress variability among a classroom of New Zealand children. *Homo*.

Mattison, Siobhán M., Edmond Seabright*, Melissa J. Brown, Jingzhe (Bill) Cao, and Marcus W. Feldman. 2018. Adopted daughters and adopted daughters-in-law in Taiwan: A mortality analysis. *Royal Society Open Science*, 5(3): 171745.

Mattison, Siobhán M., Cristina Moya, Adam Z. Reynolds*, and Mary Towner. 2018. Evolutionary demography of age at last birth: integrating approaches from human behavioral ecology and cultural evolution. *Philosophical Transactions of the Royal Society*, 373(1743): 20170060.

Mattison, Siobhán M., Bret Beheim, Bridget Chak*, and Peter Buston. 2016. Offspring sex preferences among patrilineal and matrilineal Mosuo in Southwest China revealed by differences in parity progression. *Royal Society Open Science*, 3:160526

Mattison, Siobhán M. and Rebecca Sear. 2016. Modernizing evolutionary anthropology. *Human Nature*, 27(4):1-16.

Mattison, Siobhán M., Eric Alden Smith, Mary K. Shenk, and Ethan Cochrane. 2016. The evolution of social inequality. *Evolutionary Anthropology*, 25(4):184-199.

- Mattison, Siobhán M.**, Emily K. Brunson, and Darryl J. Holman. 2015. Palmar crease classification and relationship to Fetal Alcohol Spectrum Disorders. *Collegium Anthropologicum*, 39(3):769-774.
- Mattison, Siobhán M.**, Katherine Wander, and Katie Hinde. 2015. The benefits of prolonged breastfeeding among the Chagga of Kilimanjaro. *American Journal of Human Biology*, 27(6):807-815.
- Mattison, Siobhán M.**, Melissa J. Brown, Bruce Floyd and Marcus W. Feldman. 2015. Adoption is associated with lower mortality among Taiwanese girls in a longitudinal analysis. *PLOS ONE*, 10(4):e0122867.
- Mattison, Siobhán M.**, Brooke Scelza, and Tami Blumenfield. 2014. Paternal investment and the positive effects of fathers among the matrilineal Mosuo of Southwest China. *American Anthropologist*, 116(3):591-610.
- Wander, Kathy and **Siobhán M. Mattison**. 2013. Predictors of early weaning among Kilimanjaro children. *Proceedings of the Royal Society B: Biological Sciences* 280(1768):20131359.
- Mattison, Siobhán M** & Dawn B. Neill. 2013. The effects of residential ecology on patterns of child work and mother's reproductive success among Indo-Fijians. *Evolution and Human Behavior*, 34:207-215.
- Mattison, Siobhán M.** 2011. Evolutionary contributions to solving the "matrilineal puzzle": A test of Holden, Sear and Mace's model. *Human Nature*, 22:64-88.
- Shenk, Mary K. and **Siobhán M. Mattison**. 2011. The rebirth of kinship: Evolutionary and quantitative approaches in the revitalization of a dying field. *Human Nature*, 22:1-15.
- Mattison, Siobhán M.** 2010. The economic impacts of tourism and erosion of the visiting system among the Mosuo of Lugu Lake. *The Asia Pacific Journal of Anthropology*, 11:157-174.
- Cully, Siobhán M.** and Thomas D. Seeley. 2004. Self-assemblage formation in a social insect: the protective curtain of a honey bee swarm. *Insectes Sociaux*. 51:317-324.
- Spain, Charles V., Scarlett, Jan., and **Cully, Siobhán, M.** 2002. When to neuter dogs and cats: a survey of New York State veterinarians' practices and beliefs. *Journal of the American Animal Hospital Association*. 38:482-488.

Articles Appearing in Chapters in Edited Volumes

- Mattison, Siobhán M.** 2019. Residence patterns. In: *Macmillan Encyclopedia of Intimate and Family Relationships: an Interdisciplinary Approach (MEIFR)*. Macmillan Reference USA.

Mattison, Siobhán M. 2017. Male Provisioning Hypothesis. In: Weekes-Shackelford V, Shackelford TK, Weekes-Shackelford VA, editors: *Encyclopedia of Evolutionary Psychological Science*. Cham: Springer International Publishing. p 1–6. Available from: http://dx.doi.org/10.1007/978-3-319-16999-6_105-1

Mattison, Siobhán M. 2016. Matrilineal and Matrilocal Systems. In: *The Wiley Blackwell Encyclopedia of Gender and Sexuality Studies*. John Wiley & Sons, Ltd. 1-6.

Other Scholarly Works

Mattison, Siobhán M., Adam Z. Reynolds*, and Katherine Wander. Women’s health is better when women have more control in their society. *The Conversation*, January 25, 2021. (POPULAR MEDIA OUTLET)

Mattison, Siobhán M., Adam Z. Reynolds*, and Katherine Wander. 2018. Human life histories are flexible not fixed. *Archives of Sexual Behavior*, <https://doi.org/10.1007/s10508-018-1350-0>*** (INVITED COMMENTARY)

Reynolds, Adam Z.*, **Siobhán M. Mattison**, Meng Zhang, Chun-Yi Sum, Mary K. Shenk, and Tami Blumenfield. 2018. Social networks and the distribution of wealth in a matrilineal Mosuo community. *American Journal of Physical Anthropology* 165:225-225. (ABSTRACT)

Mattison, Siobhán M., Chun-Yi Sum, Adam Z. Reynolds*, Tami Blumenfield, and Mary K. Shenk. 2018. Kinship mediates the relationship between market integration and social inequality in the Mosuo of Southwest China. *American Journal of Physical Anthropology* 165:169-169. (ABSTRACT)

Towner, Mary C., Cristina Moya, Adam Z. Reynolds*, and **Siobhán M. Mattison**. 2018. Evolutionary demography of age at last birth among the Mosuo: synthesizing approaches from human behavioral ecology and cultural evolution. *American Journal of Physical Anthropology* 165:275-276. (ABSTRACT)

Massengill, Eric D* and **Siobhán M. Mattison**. Education, social status, and health in Vanuatu. 2018. *American Journal of Physical Anthropology* 165:168-168. (ABSTRACT)

Blumenfield, Tami, **Siobhán M. Mattison**, and Mary K. Shenk. 2017. Tourism politics in an alpine lake zone: Exploring responses to tourism in Southwest China’s Na communities. *China Policy Institute*. (INVITED COMMENTARY; POPULAR MEDIA)

Massengill, Eric D*. and **Siobhán M. Mattison**. 2017. Market integration and lifestyle in Vanuatu, and their effects on health. *American Journal of Physical Anthropology* 162:278-278. (ABSTRACT)

- Macdonald, L. Hannah*, **Siobhán M. Mattison**, and Eric D. Massengill. 2017. Demographic signatures of economic development in Vanuatu. *American Journal of Human Biology* 29(2) (ABSTRACT)
- Column Editor** – *Anthropology News*, Evolutionary Anthropology Society of the AAA. 2012-2016.
- Mattison, Siobhán M.** 2015. Avant-propos. In: *The Na of Lijiazui* (Pascale-Marie Milan) (BOOK FOREWARD)
- Wander, Katherine and **Siobhán M. Mattison**. 2013. The evolutionary ecology of weaning among the Chagga of Kilimanjaro. *HOMO – Journal of Comparative Human Biology*, 64:160. (ABSTRACT)
- Mattison, Siobhán M.**, Mary K. Shenk & Raymond Hames. 2012. Evolutionary approaches to kinship and family. *Anthropology News*, 4(4). (OPINION)
- Mattison, Siobhán M.** 2012. Book review: Strathern, Andrew and Pamela Stewart, 2011. *Kinship in Action: Self and Group*. *The Journal of the Polynesian Society*, 121(1):95-96. (BOOK REVIEW)
- Fournier, Janice, Cara Lane & **Siobhán M. Mattison**. 2010. Understanding UW students' technology needs. Report for UW Information Technology. (REPORT)
- Mattison, Siobhán M.** 2008. Cultural exchange in the Red River Basin. *Anthropology News*. 49(3):4-5. (OPINION)
- Mattison, Siobhán M.**, Emily K. Brunson, Darryl J. Holman, Laura Newell-Morris, and Ann Streissguth. 2006. Palmar creases: Classification, reliability, and relationships to Fetal Alcohol Spectrum Disorders. *American Journal of Human Biology*, 18(2):262-3. (ABSTRACT)

Works in Progress

Accepted for publication

- Mattison, Siobhán M.**, Chun-Yi Sum, Adam Z. Reynolds, Gabrielle D. Baca, Sara Niedbalski, Ruizhe Liu, Meng Zhang, Lige Liu, Lin Wei, Mingjie Su, Hui Li, Tami Blumenfield, Mary K. Shenk, and Katherine Wander. A transition from patriliney to matriliney and back again: persistent identity and flexible kinship in the ethnic Mosuo of Southwest China. *Matrix: A Journal of Matricultural Studies*.
- Sum, Chun-Yi, Tami Blumenfield, Mary K. Shenk, and **Siobhán M. Mattison**. The art of being ethnic: Negotiating cultural citizenship in southwestern China. (Accepted 08/20/2020 by *Modern China*)

Mattison, Siobhán M. and Mary K. Shenk. Ecological evolutionary demography. For *Human Evolutionary Demography*, Rebecca Sear, Ronald Lee, and Oskar Burgar, Eds. (Accepted 6/28/2019)

Submitted for publication

Wander, Katherine, Masako Fujita, **Siobhán M. Mattison**, Margaret Duris, Megan Gauck, Tesa Hopt, Katherine Lacy, Angela Foligno, Rebecca Ulloa, Connor Dodge, Frida Mowo, Ireen Kiwelu, Blandina T. Mmbaga. Tradeoffs in milk immunity: Appropriate and misdirected milk immune activity and infant infectious disease risk. (Submitted to PNAS, 12/17/2020).

Sznajder, Kristin, Katherine Wander, **Siobhán M. Mattison**, Elizabeth Araceli Medina*, Nurual Alam, Rubhuna Raqib, Anjan Kumar, Farjana Mim, Tami Blumenfield, and Mary K. Shenk. Husband's labor migration accelerates the nutrition transition among left-behind wives in rural Bangladesh. Submitted to *Globalization and Health*, 1/15/21.

Shenk, Mary K., Anne Roback Morse, **Siobhán M. Mattison**, Rebecca Sear, Nurul Alam, Rubhana Raqib, Anjan Kumar, Farjana Mim, Tami Blumenfield, Richard Sosis, John Shaver, and Katherine Wander. Social support, nutrition, and health among women in rural Bangladesh: complex tradeoffs in alloparenting, kin proximity, and social network size. (Submitted to *Phil Trans B*, 12/11/2020).

Mattison, Siobhán M. Darragh Hare, Adam Reynolds*, Chun-Yi Sum, Mary K. Shenk, Tami Blumenfield, and Katherine Wander. Market integration is not monolithic: different indicators of market integration at different levels predict health and reproductive outcomes (Submitted 6/18/2019 to *Current Anthropology*; in revision).

Moya, Cristina, Rebecca Sear, Monique Borgerhoff Mulder, Heidi Colleran, Drew Gerkey, Mhairi Gibson, Michael Gurven, Joseph Henrich, Paul Hooper, Hillard Kaplan, Michelle Klein, Jeremy Koster, Karen Kramer, Donna Leonetti, **Siobhán Mattison**, Brooke Scelza, Mary Shenk, Kristin Snopkowski, Joseph Stieglitz, Christopher von Reuden, and John Ziker. Intergenerational conflict may explain why parents delay the onset of their children's reproduction: A cross-cultural analysis. (*Proceedings B*).

Kolodny, Oren, **Siobhán M. Mattison**, and Nicole Creanza. Male agency and matrilineal inheritance. (Submitted 3/2018 to *Nature Communications*; R&R 4/24/2018)

In preparation

Smith, Eric Alden, **Siobhán M. Mattison**, and Robert diNapoli. The drivers of institutionalized inequality. In: *Organizational Complexity and Institutional Dynamics* (Bednar, Currie, Gavrillets, Richerson, Wallis, eds.)

Sear, Rebecca & **Siobhán M. Mattison**. Why human behavioural ecologists should all be demographers. In: *Human Behavioral Ecology* (Koster, Scelza, Shenk, eds.).

Mattison, Siobhán M., Chun-Yi Sum, Adam Reynolds, Mary K. Shenk, and Tami Blumenfield. Kinship mediates the relationship between market integration and income inequality in the Mosuo of Southwest China.

Brewis, Alexandra, Jeffrey Snodgrass, William Dressler, Barbara Piperata, Katherine Oths, Clarence Gravlee, Robin Nelson, Francois Denagh, **Siobhán Mattison**, Rosalyn Negrón, and Amber Wutich. Measuring psychosocial stress in field-based research. Invited submission to *Field Methods*.

Beresford, Melissa, H. Russell Bernard, Bryan Brayboy, Alexandra Brewis, Francois Dengah, Lance Gravlee, Greg Guest, Jessica Hardin, Krista Harper, Mark Moritz, Pardis Mahdavi, **Siobhán M. Mattison**, Rosalyn Negrón, Barbara Piperata, Alissa Ruth (lead), Thurka Sangaramoorthy, Jeff Snodgrass, Cindi SturzSreetharan, Kate Woolard (co-lead), Amber Wutich, Rebecca Zarger. *Teaching Ethnography: State of the Art*. (In prep for *Teaching Sociology*)

Mattison, Siobhán M., Adam Z. Reynolds*, Ruizhe Liu*, Gabrielle D. Baca*, Meng Zhang, Chun-Yi Sum, Mary K. Shenk, and Tami Blumenfield. Gender reversals in social networks based on prevailing kinship norms in the Mosuo of China. (Submitted for consideration in special issue on the behavioral ecology of the family in *Social Science*, Sheppard and Snopkowski, eds., 12/3/2020).

Invited or Refereed Abstracts and/or Presentations at Professional Meetings

Siobhán Mattison & Mary Shenk. Ecological evolutionary demography. University of California at Berkeley (October 7, 2020; INVITED).

Rebecca Ferrell, Roberto Delgado, **Siobhán M. Mattison**. Workshop: Improving access to pre-graduate school field research experiences. *American Association of Physical Anthropologists Annual Meeting*: Los Angeles, CA. (April 15-18; CANCELED, COVID).

Siobhán M. Mattison. TBD. University of Michigan. (INVITED TALK, Spring 2020; CANCELED, COVID)

Siobhán M. Mattison. The evolution of female-biased kinship. Emory University (March 2, 2020; INVITED TALK)

Siobhán M. Mattison. Adoption is not monolithic: variation in mortality by adoption type in historical Taiwan. Pennsylvania State University. (January 21, 2020; INVITED TALK)

Reynolds, Adam Z.*, **Siobhán M. Mattison**, Melissa Emery Thompson, Paul Hooper, Kathrine Starkweather*, Chun-Yi Sum, Hui Li, Mingjie Su*, Tami Blumenfield, Mary K. Shenk, and Katherine Wander. Kinship predicts inflammation among the Mosuo of Southwest

China. *American Anthropological Association Annual Meeting*; Vancouver, BC (Nov 20-24, 2019) BEST STUDENT PRESENTATION AWARD, EVOLUTIONARY ANTHROPOLOGY SOCIETY.

Siobhán M. Mattison and Mary K. Shenk (presenting). The Bio-demography of matriliney. *American Anthropological Association Annual Meeting*; Vancouver, BC (Nov 20-24, 2019)

Siobhán M. Mattison. The evolution of female-biased kinship. Boise State University (October 3, 2019; INVITED TALK)

Siobhán M. Mattison. The evolution of female-biased kinship. *National Science Foundation*: Alexandria, VA (June 5, 2019; INVITED TALK).

Siobhán M. Mattison. Collaborative research: anticipated challenges are outweighed by the unanticipated rewards. *Integrated Approaches to Research on Culture Pre-Conference*: Boston, MA (May 29, 2019; INVITED SPEAKER)

Hare, Darragh*, Adam Z. Reynolds*, Chun-Yi Sum, Mary K. Shenk, Tami Blumenfield, and **Siobhán M. Mattison**. Health and reproductive responses to market integration among the matrilineal Mosuo. *Human Behavior and Evolution Society Annual Meeting*: Boston, MA. (May 29 – June 1, 2019)

Mattison, Siobhán M., Robert J. Quinlan, and Darragh Hare. The expendable male hypothesis. *Human Behavior and Evolution Society Annual Meeting*: Boston, MA. (May 29 – June 1, 2019)

Baca, Gabrielle D.*, Adam Z. Reynolds*, Meng Zhang*, Chun-Yi Sum, **Siobhán M. Mattison**. Female social networks are more extensive than male networks among the matrilineal Mosuo of Southwest China. *Human Behavior and Evolution Society Annual Meeting*: Boston, MA. (May 29 – June 1, 2019; UNDERGRADUATE STUDENT POSTER)

Dunn, Madeline*, Darragh Hare*, Peter M. Buston, **Siobhán M. Mattison**. Do likes really attract? Sexual strategies in human mate choice. *Human Behavior and Evolution Society Annual Meeting*: Boston, MA. (May 29 – June 1, 2019; UNDERGRADUATE STUDENT POSTER)

Siobhán M. Mattison. Longitudinal analyses of mortality reveals protective effects of adoption in historical Taiwan. *University of Washington Center for Statistics & the Social Sciences Seminar Series* (May 15, 2019; INVITED TALK)

Baca, Gabrielle D.*, Adam Z. Reynolds*, Meng Zhang*, Chun-Yi Sum, **Siobhán M. Mattison**. Female social networks are more extensive than male networks among the matrilineal Mosuo of Southwest China. *Undergraduate Research Opportunity Colloquium: University of New Mexico* (Apr. 18; UNDERGRADUATE STUDENT POSTER)

Siobhán M. Mattison. How central are males to human life history? Arizona State University Social Complexity Series (Mar. 20, 2019; INVITED).

Dunn, Madeline*, Darragh Hare, Peter M. Buston, **Siobhán M. Mattison**. Do likes really attract? Sexual strategies in human mate choice. *Anthropology Graduate Student Union Conference* (Mar. 1, 2019; UNDERGRADUATE STUDENT POSTER)

Baca, Gabrielle D.*, Adam Z. Reynolds*, Meng Zhang*, Chun-Yi Sum, **Siobhán M. Mattison**. Female social networks are more extensive than male networks among the matrilineal Mosuo of Southwest China. *Anthropology Graduate Student Union Conference* (Mar. 1, 2019; UNDERGRADUATE STUDENT POSTER)

Reynolds, Adam Z.*, **Siobhán M. Mattison** (presenting), Melissa Emery Thompson, Mingjie Su*, Mary K. Shenk, and Katherine Wander. Kinship ecology and sex differences in C-reactive protein among the Mosuo of Southwest China. *International Society for Evolutionary Medicine and Public Health Annual Meeting*, Park City, UT. (Aug.1-4, 2018)

Massengill, Eric D.* and **Siobhán M. Mattison**. Education, diet, and health in Vanuatu. *American Association of Physical Anthropologists Annual Meeting*, Austin, TX. (Apr.11-14, 2018)

Towner, Mary, Cristina Moya, Adam Z. Reynolds* and **Siobhán M. Mattison**. Evolutionary demography of age at last birth among the Mosuo: synthesizing approaches from human behavioral ecology and cultural evolution. *American Association of Physical Anthropologists Annual Meeting*, Austin, TX. (Apr.11-14, 2018)

Reynolds, Adam Z.*, Paul L. Hooper, Chun-Yi Sum, Meng Zhang, Mary K. Shenk, Tami Blumenfield and **Siobhán M. Mattison**. Multiplex social networks, market participation, and material wealth in a matrilineal Mosuo community. *American Association of Physical Anthropologists Annual Meeting*, Austin, TX. (Apr.11-14, 2018)

Mattison, Siobhán M., Chun-Yi Sum, Adam Z. Reynolds*, Tami Blumenfield, and Mary K. Shenk. Kinship mediates the relationship between market integration and social inequality in the Mosuo of Southwest China. *American Association of Physical Anthropologists Annual Meeting*, Austin, TX. (Apr.11-14, 2018)

Mattison, Siobhán M. Quantitative ethnography challenges common depictions of the ethnic Mosuo of Southwest China. *International Union of Anthropological and Ethnological Sciences and Canadian Anthropology Society*: University of Ottawa. (May 2-7, 2017)

Mattison, Siobhán M. How central area males to human life histories? *University of Missouri*: Columbia, MO. (Invited Talk, April 7, 2017)

MacDonald, Hannah*, **Siobhán M. Mattison**, and Eric Massengill*. Demographic signatures of economic development in Vanuatu. *Human Biology Association Annual Meeting*: New Orleans, LA. (April 19-20, 2017)

- Massengill, Eric* and **Siobhán M. Mattison**. Market integration and lifestyle in Vanuatu, and their effects on health. *American Association of Physical Anthropologists Annual Meeting*: New Orleans, LA. (April 19-22, 2017)
- Seabright, Edmond*, **Siobhán M. Mattison**, and Melissa Brown. Mortality in Taiwanese Child Brides. *Society for Applied Anthropology Annual Meeting*, Santa Fe, NM. (Mar 28-Apr 1, 2017)
- Mattison, Siobhán M.**, Katherine Wander, and Hannah MacDonald*. What does a matricentric view of breastfeeding imply for public health? A view from behavioral ecology. *Society for Applied Anthropology Annual Meeting*, Santa Fe, NM. (Mar 28 - Apr 1, 2017)
- Mattison, Siobhán M.** A minority report: ethnicity, kinship, and daughter-preference in Southwest China. Ancestors Lecture, Maxwell Museum, *University of New Mexico*: Albuquerque, NM. (Invited talk) (Jan. 26)
- Mattison, Siobhán M.** Kinship and sex-biased parental investment among the Mosuo of Southwest China. University of Montreal. (Invited Talk) (Jan. 19)
- Nolin, David, Mary K. Shenk, and **Siobhán M. Mattison**. Marital assortment by wealth in small-scale societies. *American Anthropological Association Annual Meeting*: Minneapolis, MN. (Nov. 16-20)
- Mattison, Siobhán M.**, Chun-Yi Sum, & Mary K. Shenk. Market integration, kinship, and social inequality among the Mosuo of Southwest China. *American Anthropological Association Annual Meeting*: Minneapolis, MN. (Nov. 16-20)
- Seabright, Edmond*, **Siobhán M. Mattison**, and Melissa J. Brown. Mortality in Taiwanese child brides. *American Anthropological Association Annual Meeting*: Minneapolis, MN. (Nov. 16-20)
- Mattison, Siobhán M.**, Edmond Seabright*, and Melissa J. Brown. Adoption and mortality in historical Taiwan, *Evolutionary Demography Society Annual Meeting*: Charlottesville, VA.
- Mattison, Siobhán M.** and Bret Beheim (presenting). Levels of analysis: What unit is the most appropriate for understanding the effects of market integration? Abstract accepted for invited symposium of the *American Association of Physical Anthropology Annual Meeting*: Atlanta, GA. (April 13-16, 2016)
- Mattison, Siobhán M.** Kinship and sex-biased parental investment: Case studies from China. *Cambridge University*: Cambridge, UK. (Invited Talk, April 13, 2016)
- Mattison, Siobhán M.**, Bret Beheim, Bridget Chak*, and Peter Buston. Opposite gender preferences among patrilineal versus matrilineal Mosuo in Southwest China revealed by differences in parity progression. Abstract accepted for presentation at the *European Human Behaviour and Evolution Association Annual Meeting*: London, UK. (April 5-8, 2016)

Mattison, Siobhán M., Bret Beheim, Bridget Chak, and Peter Buston. Parity progression ratios are consistent with son-biased parental investment among the patrilineal, but not matrilineal, Mosuo of Southwest China. Paper accepted for poster presentation at the *Population Association of America Annual Meeting*: Washington, DC. (Mar 31-April 2, 2016)

Mattison, Siobhán M. and Katie Starkweather*. Does Evolutionary Anthropology Need a Rethink? Roundtable organized and chaired for the *American Anthropological Association Annual Meeting*: Denver, CO. (Nov 16-20, 2015)

Mattison, Siobhán M. Bret Beheim, Bridget Chak*, and Peter Buston. Kinship and sex-biased parental investment among the Mosuo of Southwest China. *American Anthropological Association (AAA) Annual Meeting*: Denver, CO. (Nov 16-20, 2015)

Chak, Bridget*, Hanying Mao, Peter Buston, and **Siobhán M. Mattison**. Kinship and sex-biased parental investment among the Mosuo of Southwest China. *Human Biology Association (HBA) Annual Meeting*: St. Louis, MO (poster; *student author). (Mar 25-26, 2015)

Mattison, Siobhán M. Outliers: Stories of reproductive success? *University of New Mexico*: Albuquerque, NM. (Invited Talk) (January 28, 2015)

Mattison, Siobhán M., Brooke Scelza, and Tami Blumenfield. Mixed methods in Southwest China: How human behavioral ecology inspires ethnography and vice versa. *American Anthropological Association (AAA) Annual Meeting*: Washington, DC. (Nov 16-20, 2014)

Mattison, Siobhán M. Context and variation: The impact of material and cultural factors on sex-biased parental investment. *Rutgers University*: New Brunswick, NJ. (Invited Talk, Mar 6, 2014)

Mattison, Siobhán M. Social norms, market integration, and behavioral variability among the Mosuo (Na) of Southwest China: Insights from evolutionary anthropology. *Boston University*: Boston, MA. (Invited Talk, Dec 9, 2013)

Mattison, Siobhán M. and Katherine Wander. The evolutionary ecology of early weaning among children of Kilimanjaro, Tanzania. *American Anthropological Association (AAA) Annual Meeting*: Chicago, IL. (Nov 20-24, 2013)

Moya, Cristina, Rebecca Sear (**Siobhán M. Mattison**, John Ziker, Karen Kramer, Jeremy Koster, Brooke Scelza, Christopher von Rueden, Paul Hooper, Jonathan Stieglitz, Michael Gurven, Hillard Kaplan, Anna Goodman, Iona Koupil, Monique Borgerhoff Mulder, Samuel Bowles, Donna Leonetti, and Mhairi Gibson). Intergenerational conflicts over reproductive decisions: A cross-cultural examination of parental presence effects on fitness. *Human Behavior and Evolution Society Annual Meeting*: Miami, FL. (Co-authors in unspecified order.) (July 17-20, 2013)

Wander, Katherine and **Siobhán M. Mattison**. The evolutionary ecology of early weaning among children of Kilimanjaro. *Australasian Society for Human Biology Annual Meeting*: Port Vila, Vanuatu. (Dec 4, 2012)

Mattison, Siobhán M., Dawn Neill, and Mary K. Shenk. The behavioral ecology of modernization. *American Anthropological Association Annual Meeting*: San Francisco, CA. (Session co-organizer) (Nov. 13-18, 2012)

Mattison, Siobhán M. The effects of market integration on kinship and social structure among the Mosuo. *Xi'an Jiaotong University*: Xi'an, China. (Invited Talk) (June 21, 2012)

Mattison, Siobhán M., Melissa Brown, Claudia Engels, Misha Lipatov, and Marcus W. Feldman. The association between adoption, gender and mortality among colonial-era Taiwanese. *AAA Annual Meeting*: Montreal, CN. (Nov. 15-20, 2011)

Mattison, Siobhán M. The behavioural ecology of kinship and market integration among the Mosuo of Southwest China. *University of Auckland, Department of Anthropology Seminar*: Auckland, NZ. (Invited Talk) (Sept. 27, 2011)

Mattison, Siobhán M. Discussion: The impact of gender bias on social stability and violence in China and India. *Mellon-Sawyer Seminar Series*, Stanford U. (Invited Talk)

Mattison, Siobhán M. Kinship and market integration among the ethnic Mosuo of Southwest China. *Center for Behavior, Evolution, and Culture*, UCLA. (Invited Talk) (May 2, 2011)

Mattison, Siobhán M. Is son preference ubiquitous in China? Evidence from two Sinicizing populations. *Workshop on Evolutionary Perspectives in Human Behavior*: San Luis Obispo, CA. (May 7, 2011)

Mattison, Siobhán M. The impacts of tourism on household composition and marriage among the matrilineal Mosuo. *American Anthropological Association Annual Meeting*: New Orleans, LA. (Nov. 2010)

Mattison, Siobhán M. The behavioral ecology of kinship and reproduction among the matrilineal Mosuo of Southwest China. *Feldman Lab Series*: Stanford U, Stanford, CA. (Invited Talk) (Oct. 10, 2010)

Mattison, Siobhán M. Is matriliney inconsistent with economic prosperity? The case of the Mosuo. *Human Behavior and Evolution Society (HBES) Annual Meeting*: Eugene, OR. (June 16-20, 2010)

Mattison, Siobhán M. Does the matriliney-as-daughter-biased-investment hypothesis explain the transmission of wealth among the matrilineal Mosuo of Southwest China? *Center for Statistics and Social Sciences Student Seminar*: UW, Seattle, WA. (Invited Talk) (April 16, 2010)

Mattison, Siobhán M. The behavioral ecology of kinship and reproduction among the matrilineal Mosuo of Southwest China. *University College London*. (Invited Talk) (May 16, 2010)

Mattison, Siobhán M. Absent fathers or absent statistics? A revised (quantitative) ethnography of the ethnic Mosuo of Southwest China. *China Studies Colloquium: UW, Seattle, WA.* (Invited Talk) (May 6, 2010)

Mattison, Siobhán M. The impacts of lineality on sex-biased parental investment among patrilineal and matrilineal sub-populations of the ethnic Mosuo. *American Anthropological Association Annual Meeting: Philadelphia, PA.* (Session Co-Chair and Co-Organizer) (Nov. 27, 2009)

Mattison, Siobhán M. Kinship and sex-biased parental investment among the ethnic Mosuo of Southwest China. *Meeting of the International Union for the Scientific Study of Population: Marrakech, Morocco.* (Sept. 25, 2009)

Mattison, Siobhán M. & Dawn B. Neill. Child productive work and urban fertility: An embodied capital approach to the quality-quantity tradeoff among Indo-Fijians. *Human Behavior and Evolution Society Annual Meeting: Fullerton, CA.* (Session Chair) (May 27-31, 2009)

Mattison, Siobhán M. & Dawn B. Neill. Child productive work and urban fertility: An embodied capital approach to the quality-quantity tradeoff among Indo-Fijians. *Animal Behavior Seminar: Seattle, WA.* (Invited Talk). (May 5, 2009)

Mattison, Siobhán M. Correlates of divergence from matrilineal norms among the Na of Southwest China. *Human Behavior and Evolution Society Annual Meeting: Kyoto, Japan.* (Session Chair) (June 4-8, 2008)

Mattison, Siobhán M. & Dawn B. Neill. Does Embodied-Capital Theory explain urban-rural differences in Indo-Fijian child productivity? *Human Behavior and Evolution Society Annual Meeting: Williamsburg, VA.* (May 30-June 3, 2007)

Mattison, Siobhán M. et al. Palmar creases: classification, reliability and relationships to Fetal Alcohol Spectrum Disorders. *Human Biology Association Annual Meeting: Anchorage, AK.* (Mar. 7-8, 2006)

Contributed (un-refereed) Abstracts and/or Oral Presentations at Professional Meetings

Mattison, Siobhán M., Bret Beheim, Bridget Chak*, and Peter Buston. Kinship mediates fertility progression among the Mosuo of Southwest China. *Southwest Association for Biological Anthropology Annual Meeting: Albuquerque, NM.* (Oct 23-24, 2015)

Buston, Peter, Jeffrey Gavornik, **Siobhán M. Mattison**, Trevor Siggers, Jenny Talbot. Social networks in biology. *Tertulia Seminar Series for Junior Faculty: Boston University, Boston, MA.* (April 21, 2015)

Nolin, David, **Siobhán M. Mattison**, and Mary K. Shenk. Marital assortment and inequality in small-scale societies. *Northwest Evolution, Ecology, and Human Behavior Symposium*: Boise, ID. (April 10-12, 2015)

Mattison, Siobhán M. Does inheritance system matter? Factors predicting the proportion of boys among matrilineal v. patrilineal Mosuo. *Biocultural Anthropology Seminar Series*: University of Washington, Seattle, WA. (Nov. 18, 2009)

Mattison, Siobhán M. & Dawn B. Neill. Effects of urbanization on Indo-Fijian child productivity. *Center for Statistics & Social Sciences Student Seminar Series*: Seattle, WA. (Jan. 30, 2007)

Mattison, Siobhán M. The behavioral ecology of sex-biased parental investment among the ethnic Moso of Southwest China. *Conference on Breadth in Anthropological Research*: Seattle, WA. (Jan 27, 2006)

Cully, Siobhán M. Description of a self-assemblage: the mechanisms of formation and functional significance of curtain formation on a honey bee swarm cluster. *Cornell University Undergraduate Honors Poster Session in Biology*: Ithaca, NY. (May, 2003)

Cully, Siobhán M. Honey bee curtain formation: research methods and anticipated findings. *Shoals Marine Laboratory REU Research Symposium*: Appledore Island, ME. (June, 2002)

Invited Workshop Participation

School for Advanced Research (SAR) Research Team Seminar, The influence of market integration on escalating inequality in small-scale societies (with Mary Shenk and Tami Blumenfield; October, 2021)

Amber Wutich & Russell Bernard: Cultural Anthropology Methods Workshop. Arizona State University (Various meetings, September-October, 2020).

Rebecca Ferrell, Roberto Delgado, **Siobhán M. Mattison**. Workshop: Improving access to pre-graduate school field research experiences. *American Association of Physical Anthropologists Annual Meeting*: Los Angeles, CA. (April 15-18; CANCELED).

Santa Fe Institute (SFI): The Dynamics of Networks and Inequality. Santa Fe, NM. (Feb 5-Feb 7, 2020)

Boston University: Human Behavior and Evolution Society Pre-Conference: Integrated Approaches to Research on Culture Pre-Conference. Boston, MA. (Hosts: Peter Blake, Katherine McAuliffe, and Felix Warneken)

University of Richmond: Jepson Colloquium: Evolutionary Models of Leadership Across Human Society. Richmond, VA. (Hosts: Chris von Rueden and Mark van Vugt)

University of New Mexico: Gender in Matrilineal Kinship Systems. Albuquerque, NM. (Feb 4-5, 2017)

Santa Fe Institute (SFI): The Dynamics of Networks and Inequality. Santa Fe, NM. (Jan 31-Feb 4, 2017)

Stanford University: Workshop on Cultural Evolution. Stanford, CA. (Jul 21-22, 2016)

SFI: The Dynamics of Wealth Inequality and Family Structure. Santa Fe, NM. (Jan. 30-Feb 1, 2015)

Research

Research Funding

National Science Foundation (NSF): The demographic and evolutionary significance of adoption and fosterage. 2019. \$396,869, **PI**.

School for Advanced Research (SAR) Research Team Seminar, The influence of market integration on escalating inequality in small-scale societies (with Mary Shenk and Tami Blumenfield; **co-PI**). 2019. ~\$10,000

NSF REU: The social transmission of norms in Vanuatu. (**PI** for student Bernardo Seixas; BCS 1927523). 2019. \$5,000

NSF REG: Evaluating demographic and genetic markers of endogamy in the matrilineal Mosuo. (**PI** for student Sara Niedbalski; BCS 1927519). 2019. \$6,000

Dynamics of Networks and Inequality. Jeremy Koster, Paul Hooper, and Monique Borgerhoff Mulders, PIs. (Role: **Co-I**). National Science Foundation. 2017. \$10,790

The dynamics of gender in matrilineal kinship systems. **Siobhán M. Mattison**, Mary K. Shenk, and Monique Borgerhoff Mulder. **PI**. UNM, Women in STEM Faculty Development Fund. 2016-2017. \$10,000

Research Experience for Graduate Students: Social strategies as market strategies. Eric Massengill and **Siobhán M. Mattison**. **PI**; BCS 1637135. National Science Foundation. 2016. \$6,000

Collaborative Research: A multidimensional investigation of the dynamics of market transition and social change in rural China and Bangladesh. **Siobhán M. Mattison**, Mary K. Shenk, Mary Towner, and Tami Blumenfield. **Lead PI**; BCS 1461514. National Science Foundation. 2015-2018. \$232,000

The historical demography of adoption and minor marriage in Taiwan. **Siobhán M. Mattison**, Melissa Brown, Bruce Floyd, and Marcus Feldman. **PI**. University of Auckland Faculty Research Development Fund. 2012-2013. NZ\$43,676

Doctoral Dissertation Improvement Grant: Tourism and Changing Paternal Investment among the Matrilineal Na. Eric Alden Smith and **Siobhán M. Mattison**. Role: Co-PI. BCS 0717918. 2007-2008. \$14,780

Dissertation Support. China Studies Program, University of Washington. **Siobhán M. Mattison**. **PI**. 2007-2008. \$7,000.

The Behavioral Ecology of Sex-biased parental investment among the Na of Southwest China. **Siobhán M. Mattison**. Role: **PI**. The American Philosophical Society, Lewis and Clark Fund for Exploration and Field Research. 2006. \$1,900.

The Behavioral Ecology of Sex-biased parental investment among the Na of Southwest China. **Siobhán M. Mattison.** Role: PI. University of Washington, Department of Anthropology Pilot Research Award. 2006. \$2,000.

Honors' Research Support. **Siobhán M. Mattison** and Thomas D. Seeley. Role: Co-PI. USDA Hatch Grant (NYC-191407). 2002. \$1,000.

Pending Research Funding

N/A.

Teaching

Doctoral Advisement

Ruizhe Liu (chair). Ongoing. *Ethnic identity, Southwest China*. Department of Anthropology, University of New Mexico.

Adam Reynolds (chair) Ongoing. *Reproductive strategies in Mauritius*. Department of Anthropology, University of New Mexico. Supported by NSF REG. Evolutionary Anthropology Society Student Representative, 2020-2022.

Dan Cummings (committee member) Ongoing. *Physical activity and senescence in Bolivian hunter-gatherers*. Department of Anthropology, University of New Mexico.

Drew Enigk. (committee member) Ongoing. *Sexual selection, cooperation, and conflict in chimpanzees*. Department of Anthropology, University of New Mexico.

Sara Niedbalski. (committee member) Ongoing. *Genetic signatures of human migration through Bering Strait*. Department of Anthropology, University of New Mexico. Supported by NSF REG.

Edmond Seabright. (committee member) Ongoing. *The evolution of leadership in Bolivian hunter-gatherers*. Department of Anthropology, University of New Mexico.

Emily Moes. (committee member) Ongoing. *Fluctuating asymmetry in dentition as a marker of developmental insults*. Department of Anthropology, University of New Mexico.

Masters Advisement

Emily Moes. (committee member) 2020. *Structural violence among mothers and infants in Colonial Mexico City*. Department of Anthropology, University of New Mexico.

Paige Lynch (committee member) 2020. *Structural violence and resource access in Colonial Mexico City*. Department of Anthropology, University of New Mexico.

Adam Reynolds (chair) 2019; Distinction. *Kinship predicts inflammation among the Mosuo of Southwest China*. Department of Anthropology, University of New Mexico.

Mingjie Su (steering committee). 2018. *The prevalence of metabolic dysfunction in a high-altitude Chinese population*. Department of Biology, Fudan University (China).

Courtney Addison. (co-chair) 2013. *Chronic Fatigue Syndrome and its Biological and Social Origins*. Department of Anthropology, University of Auckland.

Bachelor's Honors Advisement

Madeline Dunn. (chair) Ongoing. *Sexual strategies theory 'versus' assortative mating in US college campuses*. Department of Anthropology, University of New Mexico.

Elizabeth Medina. (chair) Ongoing. *Causes of dispersal in human evolution*. Department of Anthropology, University of New Mexico. Supported by UNM McNair and ROC Scholarships.

Bernardo Uxbaldo Seixas, 2018-Present. *The transmission of tight versus loose social norms in Vanuatu*. (Supported by NSF REU). Department of Anthropology, University of New Mexico.

Caitlin Anderson. (co-chair) 2013. *The breastfeeding continuum and effects on milk composition*. Department of Anthropology, University of Auckland.

Courtney Addison (co-chair) 2012. *Chronic Fatigue Syndrome and its Biological and Social Origins*. Department of Anthropology, University of Auckland.

Natasha Turnbull (co-chair) 2011. *Alloparenting and Fosterage*. Department of Anthropology, University of Auckland.

Magdalena Jovanovska (chair) 2011. *Life History and Quantity-Quality Tradeoffs among the European Roma*. Department of Anthropology, University of Auckland.

Richard Sell (co-chair) 2011. *Brain Size Evolution*. Department of Anthropology, University of Auckland.

Undergraduate Student Mentoring

Megan Gutierrez, 2018-2020. *Neuro-immune disorders and 'locus of control'*. Department of Anthropology, University of New Mexico.

Sarah Arrowsworth. 2019. *Sexual identity and mate preference*. Department of Anthropology, University of New Mexico.

Jingzhe (Bill) Cao. 2014-2015. *Undergraduate Research Opportunity Scholar*. Department of Biology, Boston University.

Bridget Chak. 2014-2015. *Undergraduate Research Opportunity Scholar*. Department of Biology, Boston University.

Hanying Mao. 2014-2015. *Undergraduate Research Volunteer and Independent Research for Credit*. Department of Biology, Boston University.

Parag Kadam. 2012. *Summer Scholar*. Department of Anthropology, University of Auckland.

Other Mentoring

Postdoctoral Mentorship: Chun-Yi Sum (Anthropology), University of New Mexico (2016-2018); Darragh Hare (Anthropology), University of New Mexico (2018-2019).

Research Mentoring: Ruizhe Liu (Anthropology), University of New Mexico (2019-Present); Wei Lin (Sociology), Northwestern A&F University, China (2019); (REG) Sara Niedbalski (Anthropology), University of New Mexico (2019-Present); (REG) Adam Reynolds (Anthropology), University of New Mexico (2017-Present); Mingjie Su (Biology), Fudan University (2017-2019); (REG) Eric Massengill (Anthropology), University of New Mexico (2016- 2018); Hannah MacDonald (Anthropology), University of New Mexico (2016); Edmond Seabright (Anthropology), University of New Mexico (2016-2017); Jennifer Wilcock (Statistics), University of Auckland (2013); Samantha Lagos (Anthropology), University of Auckland (2013); Xuxu (Demi) Wang (Statistics), University of Auckland (2013)

Teaching Assistant Mentoring: Adam Reynolds (Anthropology, 2019); Kris Sabbi (Anthropology, 2018); Eric Massengill (Anthropology, 2016-18), University of New Mexico; Rachel Kopelman (Sociology, 2015), Boston University; Kayla Donohue (MPH, 2015), Boston University; Julie Spray (Anthropology, 2013), University of Auckland; Alison Wade (Anthropology, 2011, 2012), University of Auckland; Gina MacFarlane (Anthropology, 2011), University of Auckland

Classroom Teaching

University of New Mexico

Spring 2021 (3 students)

- Anthro 597 (Problems; 1 student)
- Anthro 598 (Advanced Research; 1 student)
- Anthro 698 (Advanced Research; 1 student)

Fall 2020 (4 students)

- Anthro 497 (Individual Study; 2 students)
- Anthro 597 (Problems; 1 student)
- Anthro 598 (Advanced Research; 1 student)

Spring 2020 (6 students)

- Anthro 497 (Individual Study; 3 students)
- Anthro 597 (Problems; 1 student)
- Anthro 598 (Advanced Research; 2 students)

Fall 2019 (2 students)

- Anthro 597 (Problems; 1 student)
- Anthro 598 (Advanced Research; 1 student)

Summer 2019 (31 students)

- Human Behavioral Ecology (Anthro 360/Bio 419; 21/4 (31) students)

Spring 2019 (38 students)

- Human Behavioral Ecology (Anthro 360/Bio 419; 21/4 (25) students)
- Field Methods in Public Health and Evolutionary Medicine (Anthro 450; 11 students)
- Anthro 597 (Problems; 1 student)
- Anthro 598 (Advanced Research; 1 student)

Fall 2018 (118 students)

- Human Behavioral Ecology; Online (Anthro 360/Bio 419; 52/19 (71) students)
- Human Life Course (Anthro 160; 44 students)
- Anthro 597 (Problems; 1 student)
- Anthro 598 (Advanced Research; 1 student)
- Anthro 599 (Masters Thesis; 1 student)

Spring 2018 (6 students)

- Research Design & Proposal Writing (Anth 550; 2 students)
- Problems - Readings on the Evolution of Inequality (Anthro 550; 4 students; 1 postdoc)

Fall 2017 (84 students)

- Honors Seminar (Anthro 498; 7 students)
- Human Behavioral Ecology; Online (Anthro 360; 76 students)
- Anthro 598 (Advanced Research; 1 student)

Spring 2017 (6 students)

- Kinship in Evolutionary Perspective (Anthro 450; 3 undergraduate and 3 graduate students)

Fall 2016 (42 students)

- Evolutionary Demography (Anthro 450; 1 graduate and 1 undergraduate student)
- Human Behavioral Ecology (Anthro 360; 40 students)

Boston University

- Gender and Sexuality II: An Interdisciplinary Introduction (WS 102) – Spring 2015 (~75 students)
- Qualitative Research Strategies in Global Public Health (HS 440) – Spring 2015 (~45 students)
- Human Physiology (Bi 211) – Fall 2014 (~175 students)

North Shore Community College

- Human Growth & Development (Psy 118) – Spring 2014 (~15 students)

University of Auckland

- Anthro 780 – Sem II, 2011, 2012, 2013 (~10 students)
- Anthro 726 – Sem I, 2012 (~10 students)
- Anthropological Demography (Anthro 745) – Sem I, 2012 (~3 students)
- Interpreting Biocultural Data (Anthro 718) – Sem I and II, 2013 (~10 students)
- Evolution of Human Behaviour (Anthro 303/729) – Sem I, 2013 (~75 students)
- Evolutionary Anthropology Today (Anthro 245) – Sem I, 2012 (~45 students)
- Human Evolution (Anthro 201) – Sem II, 2011, 2012 (~100 students)

University of Washington

- The Analysis of Kinship (Anth 438) – Summer, 2009 (~12 students)

Curriculum Development or Teaching Administrative Positions

- Career Development Series, Fall 2015

Service

Symposia/Workshops Organized

Shenk, Mary K., Tami Blumenfield, & **Siobhán M. Mattison**. School for Advanced Research (SAR) Research Team Seminar: The influence of market integration on escalating inequality in small-scale societies. (October, 2021)

Rebecca Ferrell, Roberto Delgado, **Siobhán M. Mattison**. Workshop: Improving access to pre-graduate school field research experiences. *American Association of Physical Anthropologists Annual Meeting*: Los Angeles, CA. (April 15-18, 2020; CANCELED).

Mattison, Siobhán M., Mary K. Shenk, and Monique Borgerhoff Mulder. Gender in matrilineal kinship systems. University of New Mexico: Albuquerque, NM. (Feb. 4-5, 2017)

Mattison, Siobhán M. and Katie Starkweather*. Does Evolutionary Anthropology Need a Rethink? Roundtable organized and chaired for the *American Anthropological Association Annual Meeting*: Denver, CO. (Nov 16-20, 2015)

Mattison, Siobhán M., Dawn Neill, and Mary K. Shenk. The behavioral ecology of modernization. *American Anthropological Association Annual Meeting*: San Francisco, CA. (Session co-organizer) (Nov. 13-18, 2012)

Brown, Melissa J., Matthew Sommer, Marcus Feldman, and **Siobhán M. Mattison**. Mellon-Sawyer Seminar Series on Gender Bias in the Past and Future of Asia. Role: Assisted in all aspects of seminar preparation and implementation throughout duration of postdoctoral fellowship.

Mattison, Siobhán M. The impacts of lineality on sex-biased parental investment among patrilineal and matrilineal sub-populations of the ethnic Mosuo. *American Anthropological Association Annual Meeting*: Philadelphia, PA. (Session Co-Chair and Co-Organizer) (Nov. 27, 2009)

Mattison, Siobhán M. The behavioral ecology of sex-biased parental investment among the ethnic Moso of Southwest China. *Conference on Breadth in Anthropological Research*: Seattle, WA. (Conference organizer) (Jan 27, 2006)

Editorships

Editorial Board (Recommender) PCI Registered Reports (2020-Present)

Editorial Board Current Anthropology (2019-Present)

Editorial Board Evolution and Human Behavior (2019-Present)

Editorial Board Human Nature (2015-Present)

Book Reviews Editor Journal of the Polynesian Society (2012-2013)

Lead Guest Editor Philosophical Transactions of the Royal Society, Series B, Special Issue on The evolution of female-biased kinship (with Mary Shenk, Melissa Emery Thompson, Monique Borgerhoff Mulder, and Laura Fortunato) forthcoming, 2019

Guest Editor Human Nature, Special Issue on Modernizing Evolutionary Anthropology (with Rebecca Sear) published Winter, 2016

Guest Editor Human Nature, Special Volume on Evolutionary Approaches to Kinship (with Mary Shenk), July, 2011

Column Editor Evolutionary Anthropology Society of the American Anthropological Association, 2012-2016

Reviewing for Journals and Presses

American Anthropologist, American Journal of Human Biology, Archives of Sexual Behavior, Asian Population Studies, Behavioral Ecology, Cognition, Current Anthropology (Editorial Board, 2019-2021), Demographic Research, Demography, Ethnicities, Evolution and Human Behavior (Editorial Board, 2019-2022), Evolutionary Anthropology, Evolutionary Human Sciences, Frontiers Ecology and Evolution, Global Public Health, Human Nature (Editorial Board, 2015-Present), Human Organization, Journal of Family Issues, Journal of Labor & Society, Maternal & Child Nutrition, MIT Press, Nature Communications, Nature Human Behaviour, PCI Registered Reports (Recommender, 2020-Present), PLoS ONE, Princeton University Press, PNAS, Proceedings B, Maternal & Child Nutrition, Research in Economic Anthropology, Royal Society Open Science, Siberica, Tourism Geographies

Reviewing for Funding Agencies

American Philosophical Society (APS; 2020-present), Austrian Science Fund (FWF; 2020-present), Economic and Social Research Council (ESRC); National Science Foundation: ad hoc reviewer (2011-present), GRF panelist (2018), and DDRIG panelist (2017-present); program officer (2019-present), search committees (social psychology, HEGS/CA PD, 2020; BioAnth PD 2021)

Other Professional Service

Board member: Evolutionary Anthropology Society of the American Anthropological Association (2012-2016); elected board member at large (2018-2020)

Student/new investigator awards committee: Evolutionary Anthropology Society of the American Anthropological Association (2016); Southwestern Association for Biological Anthropology (2015)

Program committee: Evolutionary Anthropology Society of the American Anthropological Association (2017); Human Biology Association Annual Meeting (2015)

Association Memberships (current and lapsed): American Anthropological Association, American Association for the Advancement of Science, American Association of

Physical Anthropologists, Animal Behavior Society, Association for Asian Studies, Australasian Society of Human Biologists, Human Behavior and Evolution Society, Human Biology Association, International Union for the Scientific Study of Population, Population Association of America, Sigma Xi, Southwestern Association for Biological Anthropology

University Committees

Colloquium Committee (2016-2019)

Ad hoc spousal hire committee, Archaeology (2018)

Evolutionary anthropology hiring committee (2018-2019)

University of Auckland

Focus Group on Development of New International Research Unit Strategy (2013)

Department of Anthropology, Graduate Studies Committee (2012-2013)

Quantitative Analysis and Survey Design for Assessment of New Stage-One Tutorial Structure (2012)