

Curriculum Vitae: Siobhán Mary Mattison

(Natal Surname: Cully)

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RESEARCH AREAS

Human behavioral ecology | Demography and health | Evolutionary anthropology | Kinship and social systems | Mixed methods | Breastfeeding | Social Inequality | Adoption | China | Vanuatu

TEACHING AREAS

Evolution and Human Behavior and Life History | Human Behavioral Ecology | Evolutionary & Anthropological Demography | Biological Anthropology & Human Evolution | Data Collection, Analysis, Interpretation | Human Physiology | Kinship | Evolutionary Anthropology | Human Growth and Development | Gender and Sexuality | Qualitative & Quantitative Research Methods | Proposal Writing

APPOINTMENTS

2015-Present	Assistant Professor	University of New Mexico, Evolutionary Anthropology
2017-Present	Faculty Affiliate	University of New Mexico, Feminist Research Institute
2019-Present	Program Director	National Science Foundation, Cultural Anthropology Program
2014-2015	Research Assistant Professor	Boston University, Department of Biology & Women's, Gender, and Sexuality Studies Program
2011-2013	Lecturer	University of Auckland, Department of Anthropology, Biological Anthropology
2010-2011	Post-doctoral Fellow	Stanford University, Mellon Foundation, John E. Sawyer Seminar Series on "Gender bias in the past and future of Asia", Departments of Anthropology, Genetics and History and Morrison Institute for Population and Resource Studies; Advisors: Melissa Brown, Marcus Feldman and Matthew Sommer

EDUCATION

2010	Ph.D.	University of Washington (UW), Department of Anthropology Dissertation: "Demystifying the Mosuo: the behavioral ecology of kinship and reproduction of China's 'last matriarchal' society" Committee: Eric A. Smith (Chair), Donna Leonetti, Stevan Harrell, Shelly Lundberg (GSR)
2010	Statistics Concentration	Center for Statistics and the Social Sciences (CSSS), UW
2007	M.A., Ph.C.	University of Washington, Department of Anthropology MA Thesis: "Kinship organization and sex bias in parental investment among the ethnic Na of Southwest China"
2003	B.A.	Cornell University Biology <i>Cum Laude</i> : Neurobiology and Behavior Honors Thesis Advisor: Thomas D. Seeley

MANUSCRIPTS

PUBLICATIONS – JOURNAL ARTICLES (23); 392 CITATIONS; H-INDEX 9

- 2019 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. *Nature Human Behaviour*: 10.1038/s41562-019-0654-y
- Mattison, Siobhán M.**, Mary K. Shenk, Melissa Emery Thompson, Monique Borgerhoff Mulder, and Laura Fortunato. Preface: The evolution of female-biased kinship in mammals. *Philosophical Transactions of the Royal Society, B*: <https://doi.org/10.1098/rstb.2019.0007>
- Mattison, Siobhán M.** Robert J. Quinlan, and Darragh Hare*. The expendable male hypothesis. *Philosophical Transactions of the Royal Society, 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. *Philosophical Transactions of the Royal Society, 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, Eric Shniter, Rebecca Sear, Mary K. Shenk, and Eckart Voland. Differences between Sons and Daughters in the Intergenerational Transmission of Wealth. *Philosophical Transactions of the Royal Society, B*: <https://doi.org/10.1098/rstb.2018.0076>
- 2018 Blumenfield, Tami, Chun-Yi Sum, Mary K. Shenk, and **Siobhán M. Mattison**. 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**. Social group dynamics predict stress variability among a classroom of New Zealand children. *Homo*. 69(1-2):50-61.
- Mattison, Siobhán M.**, Edmond Seabright*, Melissa J. Brown, Jingzhe (Bill) Cao, and Marcus W. Feldman. 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. 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.
- 2016 **Mattison, Siobhán M.**, Bret Beheim, Bridget Chak*, and Peter Buston. 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. Modernizing evolutionary anthropology. *Human Nature*, 27(4):1-16.
- Mattison, Siobhán M.**, Eric Alden Smith, Mary K. Shenk, and Ethan Cochrane. The evolution of social inequality. *Evolutionary Anthropology*, 25(4):184-199.

- 2015 **Mattison, Siobhán M.**, Emily K. Brunson, and Darryl J. Holman. Palmar crease classification and relationship to Fetal Alcohol Spectrum Disorders. *Collegium Anthropologicum*, 39(3):769-774.
- Mattison, Siobhán M.**, Katherine Wander, and Katie Hinde. 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. Adoption is associated with lower mortality among Taiwanese girls in a longitudinal analysis. *PLOS ONE*, 10(4):e0122867.
- 2014 **Mattison, Siobhán M.**, Brooke Scelza, and Tami Blumenfield. Paternal investment and the positive effects of fathers among the matrilineal Mosuo of Southwest China. *American Anthropologist*, 116(3):591-610.
- 2013 Wander, Kathy and **Siobhán M. Mattison**. Predictors of early weaning among Kilimanjaro children. *Proceedings of the Royal Society B: Biological Sciences* 280(1768):20131359.
- Mattison, Siobhán M** & Dawn B. Neill. 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.
- 2011 **Mattison, Siobhán M.** 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**. The rebirth of kinship: Evolutionary and quantitative approaches in the revitalization of a dying field. *Human Nature*, 22:1-15.
- 2010 **Mattison, Siobhán M.** 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.
- 2004 **Cully, Siobhán M.** and Thomas D. Seeley. Self-assemblage formation in a social insect: the protective curtain of a honey bee swarm. *Insectes Sociaux*. 51:317-324.
- 2002 Spain, Charles V., Scarlett, Jan., and **Cully, Siobhán, M.** 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.

EDITED VOLUMES (3)

- 2019 **Mattison, Siobhán M.**, Mary Shenk, Melissa Emery Thompson, Monique Borgerhoff Mulder, Laura Fortunato. The evolution of female-biased kinship. *Philosophical Transactions of the Royal Society of London, Series B*.
- 2016 **Mattison, Siobhán M.** and Rebecca Sear. Modernizing evolutionary anthropology. *Human Nature*, 27(4).
- 2011 Shenk, Mary and **Siobhán M. Mattison**. The rebirth of kinship: Evolutionary and quantitative approaches in the revitalization of a dying field. *Human Nature*, 22(1-2).

ENCYCLOPEDIA ARTICLES (3)

- 2019 **Siobhán M. Mattison**. Residence patterns. For the *Macmillan Encyclopedia of Intimate and Family Relationships: an Interdisciplinary Approach (MEIFR)*.
- 2017 **Mattison, Siobhán M.** 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

2016 **Mattison, Siobhán M.** Matrilineal and Matrilocal Systems. (Invited Submission for *The Wiley-Blackwell Encyclopedia of Gender and Sexuality Studies*).**

COMMENTARIES/REVIEWS (2)

- 2018 **Mattison, Siobhán M.**, Adam Z. Reynolds*, and Katherine Wander. Human life histories are flexible not fixed. *Archives of Sexual Behavior*, https://doi.org/10.1007/s10508-018-1350-0*** (INVITED COMMENTARY)
- 2016 **Mattison, Siobhán M.** 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)
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PUBLICATIONS – OTHER

- 2018 Massengill, Eric D* and **Siobhán M. Mattison**. Education, social status, and health in Vanuatu. *American Journal of Physical Anthropology* 165:168-168. (ABSTRACT)
- Towner, Mary C., 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 Journal of Physical Anthropology* 165:275-276. (ABSTRACT)
- 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 Journal of Physical Anthropology* 165:169-169. (ABSTRACT)
- Reynolds, Adam Z.*, **Siobhán M. Mattison**, Meng Zhang, Chun-Yi Sum, Mary K. Shenk, and Tami Blumenfield. Social networks and the distribution of wealth in a matrilineal Mosuo community. *American Journal of Physical Anthropology* 165:225-225. (ABSTRACT)
- 2017 Blumenfield, Tami, **Siobhán M. Mattison**, and Mary K. Shenk. 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**. 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. Demographic signatures of economic development in Vanuatu. *American Journal of Human Biology* 29(2) (ABSTRACT)
- 2012-2016 **Column Editor – Anthropology News**, Evolutionary Anthropology Society of the AAA. Through September 2015, 15 columns: 8 edited; 7 authored or co-authored.
- 2015 **Mattison, Siobhán M.** Avant-propos. In: *The Na of Lijiazui* (Pascale-Marie Milan) (INVITED BOOK FOREWARD)
- Mattison, Siobhán M.** Bridget Chak*, Hanying Mao*, and Peter Buston. Kinship and Sex-biased parental investment among the Mosuo of Southwest China. *American Journal of Human Biology*, 27(2):244-258 (CONFERENCE PROCEEDINGS).
- 2013 Wander, Katherine and **Siobhán M. Mattison**. The evolutionary ecology of weaning among the Chagga of Kilimanjaro. *HOMO – Journal of Comparative Human Biology*, 64:160. (ABSTRACT)
- 2012 **Mattison, Siobhán M.**, Mary K. Shenk & Raymond Hames. Evolutionary approaches to kinship and family. *Anthropology News*, 4(4). (OPINION)
- 2010 Fournier, Janice, Cara Lane & **Siobhán M. Mattison**. Understanding UW students' technology needs. Report for UW Information Technology. (REPORT)

- 2008 **Mattison, Siobhán M.** Cultural exchange in the Red River Basin. *Anthropology News*. 49(3):4-5. (OPINION)
- 2006 **Mattison, Siobhán M.,** Emily K. Brunson, Darryl J. Holman, Laura Newell-Morris, and Ann Streissguth. Palmar creases: Classification, reliability, and relationships to Fetal Alcohol Spectrum Disorders. *American Journal of Human Biology*, 18(2):262-3. (ABSTRACT)
- 2003 **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 Thesis*. (THESIS)

*Student-authored; **peer-reviewed; ***editorial review

EXTERNAL GRANTS AND AWARDS (~\$ 717,000)

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| 2019 | \$397,000 | NSF, Demographic and evolutionary significance of adoption and fosterage (BCS 1920812) |
| | Invited Workshop (~\$10,000) | School for Advanced Research (SAR) Research Team Seminar, <i>The influence of market integration on escalating inequality in small-scale societies</i> (with Mary Shenk and Tami Blumenfield) |
| | \$5,000 | NSF REU: <i>The social transmission of norms in Vanuatu</i> . (PI for student Bernardo Seixas; BCS 1927523) |
| | \$6,000 | NSF REG: <i>Evaluating demographic and genetic markers of endogamy in the matrilineal Mosuo</i> . (PI for student Sara Niedbalski; BCS 1927519) |
| 2017 | \$6,000 | NSF REG: <i>The impact of market integration on parental investment in child status in Vanuatu</i> . (PI for student Adam Reynolds BCS 1738978) |
| | \$10,790 | Santa Fe Institute, Dynamics of Networks and Inequality, for fieldwork in China, summer 2017 (not included in total; not competitively awarded) |
| | \$6,000 | NSF REG, <i>Social strategies as market strategies</i> (PI for student Eric Massengill; BCS 1637135) |
| 2015-2020 | \$269,223 | NSF, <i>Collaborative Research: A multidimensional investigation of the dynamics of market transition and social change in rural China and Bangladesh</i> , with Mary Shenk, Mary Towner, and Tami Blumenfield (Lead PI; BCS 1461514) |
| | Award (\$250) | New Investigator Award - Evolutionary Anthropology Society of the American Anthropological Association |
| | Award | American Anthropological Society Annual Fieldwork Photography Contest, Winner, Second Place: <i>Undignified Foreign Dignitary</i> |
| 2007 | \$14,780 | NSF Doctoral Dissertation Improvement Grant (BCS 0717918) (Co-PI) |
| 2006 | \$1900 | American Philosophical Society, Lewis and Clark Fund for Exploration and Field Research: <i>The Behavioral Ecology of Sex-biased parental favoritism among the ethnic Na (Moso) of Southwest China</i> |
| 2002 | \$1000 | USDA Hatch Grant for Undergraduate Research (NYC-191407) |

INTERNAL GRANTS AND AWARDS (~\$140,000)

2016	\$10,000	UNM, Women in STEM Faculty Development Fund: <i>The dynamics of gender in matrilineal kinship systems</i> . (Co-hosts: Mary Shenk & Monique Borgerhoff Mulder)
2013	Award/Training NZ\$43,676	Future Research Leaders Programme, University of Auckland (UoA) UoA Faculty Research Development Fund (FRDF): <i>The historical demography of adoption and minor marriage in Taiwan</i> , with Melissa Brown, Bruce Floyd, and Marcus Feldman (Lead PI)
2012	NZ\$5000 NZ\$2469 NZ\$5415	Summer Scholarship (for Parag Kadam): <i>Contextual decision-making and the costs and benefits of breastfeeding across societies</i> , with Katherine Wander and Katie Hinde UoA Performance-Based Research Fund (PBRF) UoA PBRF
2011	NZ\$4651	UoA PBRF
2009	\$500	University of Washington (UW) Graduate School Fund for Excellence and Innovation (GSFEI) Travel Award: IUSSP Meeting, Morocco
2007	\$7000 ~\$5000 \$1000 \$300	China Studies Program, Fritz Endowment Foreign Language Area Studies Fellowship (FLAS) CSSS Graduate Student Research and Presentation Grant UW GSFEI Travel Award: Human Behavior and Evolution Society Meeting, Williamsburg, VA
2006 – 2007	\$1200	Baldwin Scholarship – University of Washington Department of Anthropology
2006-2007	Fellowship (~\$30,000)	Center For Studies in Demography and Ecology (CSDE) NICHD Fellowship
2006	\$1296	Learning for Leadership Council (LLC) Grant: <i>Conference on Breadth in Anthropological Research</i>
2005 - 2006	Fellowship (~\$25,000)	CSDE Shanahan Fellowship
2006	Fellowship	FLAS Fellowship (declined)

RESEARCH HIGHLIGHTS

2016-PRESENT	Principal Investigator – The effects of economic development on social, behavioral, and health change in Vanuatu (Tanna and Efate). Trained and mentored students Eric Massengill and Adam Reynolds on REG-funded fieldwork.
2006-PRESENT	Principal Investigator – Long-term fieldwork in Yunnan Province, China, exploring issues related to kinship and demography in matrilineal and patrilineal communities of the ethnic Mosuo (Na). Supported by funding from NSF, the American Philosophical Society, the UW China Studies Program (Fritz Endowment), the UW Department of Anthropology, the University of Auckland, and the University of New Mexico. Collaborators: Mary K. Shenk (Missouri), Tami Blumenfield (Furman), Binglin Gong (Fudan), Hui Li (Fudan), Jane Zhang (Hong Kong), Katherine Wander (Binghamton).
2002 - 2003	Principal Investigator, Cornell University – Mechanisms and functional significance of a honey bee swarm cluster (2 months' fieldwork in Ithaca, NY). Supported by USDA Hatch Grant.
2002	Research Assistant, Cornell University (with Thomas D. Seeley & P. Kirk Visscher) Collective decision-making in honey bees (2 months' fieldwork on Shoals Island, ME)

2000 - 2002 Lead Research Assistant, Cornell University (with C. Victor Spain) – The behavioral and medical effects of early neutering on domestic dogs and cats

PRESENTATIONS (N=81)

- 2020 **Siobhán M. Mattison.** TBD. University of Michigan. (INVITED TALK)
Siobhán M. Mattison. TBD. Pennsylvania State University. (INVITED TALK)
- 2019 **Siobhán M. Mattison.** TBD. 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).
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. 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)
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)
Siobhán M. Mattison. The expendable male. *ADVANCE UNM Lightning Talks*. Albuquerque, NM. (Feb.13, 2019; INVITED)

2018

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. The demography of matriliney. *University of California at Santa Barbara*: Santa Barbara, CA. (Invited Talk; Mar. 5, 2018)

2017

Mattison, Siobhán M. The reasons men should love matriliney and the benefits of being expendable. *American Anthropological Association Annual Meeting*: Washington, DC. (Nov. 29-Dec. 3, 2017)

Mattison, Siobhán M. The woman is bone and the man is blood: Female-centric kinship among the matrilineal Mosuo of Southwest China. *Chinese American Speaker Series*. (Public Invited Talk; Aug. 26)

Blumenfield, Tami and **Siobhán M. Mattison**. Doing collaborative multidimensional fieldwork in Southwest China. *Stevan Harrell's Retirement Conference*: Seattle, WA. (Aug. 6)

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. (Apr. 19-22)

MacDonald, Hannah, **Siobhán M. Mattison**, and Eric Massengill. Demographic signatures of economic development in Vanuatu. *Human Biology Association Annual Meeting*: New Orleans, LA. (Apr. 19-22)

Mattison, Siobhán M. How central are males to human family systems? *University of Missouri*: Columbia, MO. (Invited Talk) (Apr. 17)

Seabright, Edmond., **Siobhán M. Mattison**, and Melissa Brown. Mortality in Taiwanese Child Brides. *Society for Applied Anthropology Annual Meeting*, Santa Fe, NM. (Apr. 1)

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. (Apr. 1)

Creanza, Nicole, Oren Kolodny, and **Siobhán M. Mattison**. A model of matrilineal inheritance: proposing a solution to the matrilineal puzzle. *Gender in Matrilineal Kinship Systems Workshop*. *University of New Mexico*: Albuquerque, NM. (Feb. 5)

- Mattison, Siobhán M.** Is there a matrilineal puzzle? Gender in Matrilineal Kinship Systems Workshop. *University of New Mexico*: Albuquerque, NM. (Feb. 4)
- Mattison, Siobhán M.** A minority report: ethnicity, kinship, and daughter-preference in Southwest China. Ancestors Lecture, Maxwell Museum, *University of New Mexico*: Albuquerque, NM. (Public 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)
- 2016 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.** Integrating cultural evolution and human behavioral ecology: some preliminary (and non-mathematical) thoughts *Workshop on Cultural Evolution*, Stanford University (invited talk)
- Mattison, Siobhán M.** and Bret Beheim (presenting). Levels of analysis: What unit is the most appropriate for understanding the effects of market integration? *American Association of Physical Anthropology Annual Meeting*: Atlanta, GA. (poster, invited symposium)
- Mattison, Siobhán M.** Kinship and sex-biased parental investment among the Mosuo of Southwest China. *Cambridge University*: Cambridge, UK. (Invited Talk)
- 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. *European Human Behaviour and Evolution Association Annual Meeting*: London, UK.
- 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. *Population Association of America Annual Meeting*: Washington, DC. (poster)
- 2015 **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.
- 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.
- 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. (Judge: Student Presentations)

- 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.
- 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.
- Impacts on Immunity. Session Chaired for the *Human Biology Association Annual Meeting*: St. Louis, MO. (Session Chair)
- 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-authored).
- Mattison, Siobhán M.** Outliers: Stories of reproductive success? *University of New Mexico*: Albuquerque, NM. (Invited Talk)
- 2014 **Mattison, Siobhán M.**, Brooke Scelza, and Tami Blumenfeld. Mixed methods in Southwest China: How human behavioral ecology inspires ethnography and vice versa. *American Anthropological Association (AAA) Annual Meeting*: Washington, DC.
- 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)
- 2013 **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)
- 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.
- 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, Ilona 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.)
- 2012 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.
- 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)
- 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)
- 2011 **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.
- 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)
- 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)
- 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.
- 2010 **Mattison, Siobhán M.** The impacts of tourism on household composition and marriage among the matrilineal Mosuo. *American Anthropological Association Annual Meeting*: New Orleans, LA.
- 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)
- Mattison, Siobhán M.** Is matriliney inconsistent with economic prosperity? The case of the Mosuo. *Human Behavior and Evolution Society (HBES) Annual Meeting*: Eugene, OR.
- 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)
- Mattison, Siobhán M.** The behavioral ecology of kinship and reproduction among the matrilineal Mosuo of Southwest China. University College London. (Invited Talk)
- 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)
- 2009 **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)
- 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.
- 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.
- 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)
- 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.
- 2008 **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)
- 2007 **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.
- Mattison, Siobhán M.** & Dawn B. Neill. Effects of urbanization on Indo-Fijian child productivity. *Center for Statistics & Social Sciences Student Seminar Series*: Seattle, WA.

- 2006 **Mattison, Siobhán M. et al.** Palmar creases: classification, reliability and relationships to Fetal Alcohol Spectrum Disorders. *Human Biology Association Annual Meeting*: Anchorage, AK.
- 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.
- 2003 **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.
- 2002 **Cully, Siobhán M.** Honey bee curtain formation: research methods and anticipated findings. *Shoals Marine Laboratory REU Research Symposium*: Appledore Island, ME.

WORKSHOPS

- 2019 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)
- 2017 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. (Organized and hosted. Co-hosts: Mary K. Shenk, and Monique Borgerhoff Mulder)
- Santa Fe Institute (SFI): The Dynamics of Wealth Inequality and Social Network Structure. Santa Fe, NM. (Hosts: Jeremy Koster, Paul Hooper, Monique Borgerhoff Mulder, and Samuel Bowles)
- 2016 Stanford University: Workshop on Cultural Evolution. Stanford, CA. (Hosts: Nicole Creanza, Oren Kolodny, Marcus Feldman)
- 2015 Santa Fe Institute (SFI): The Dynamics of Wealth Inequality and Family Structure. Santa Fe, NM. (Hosts: Monique Borgerhoff Mulder and Samuel Bowles)

PRESS

- 2019 Contributed to article on Scelza's cross-cultural jealousy study: ([UCLA Daily Bruin](#))
- ADVANCE STEM Shout-Out for NSF rotator position:
<https://advance.unm.edu/2019/08/04/stem-shoutout-dr-siobhan-mattison/>
- Press for publication of *Philosophical Transactions of the Royal Society, B* Special Theme Issue and *The Expendable Male Hypothesis* ([UNM Newsroom](#), [Phys.org](#))
- 2016 Press release for UNM Women in STEM Award:
<http://advance.unm.edu/2016/10/18/unm-professors-win-awards-for-research-across-stem-fields/>
- UNM Newsroom highlights receipt of New Investigator Award:
<http://news.unm.edu/news/unm-anthropology-faculty-member-receives-new-investigator-award>
- 2015 Press release for NSF award: <http://news.unm.edu/news/mattison-wins-nsf-grant-to-study-social-inequality>
- Press release for comparative work in China and Bangladesh:
<http://www.dailylobo.com/article/2015/08/24-new-jobs-for-china-and-bangladesh>
- 2013 *PRSB* paper reviewed by Rob Brooks:
<http://www.sbs.com.au/news/article/2013/08/08/comment-breastfeeding-kilimanjaro-conforms-evolutionary-theory> (and elsewhere)

2012	Fieldwork photo (courtesy Peter Mattison) featured on front page of <i>Anthropology News</i> (Vol 4, Issue 4).
2011	Fieldwork photo featured on cover of <i>Culture Counts: A Concise Introduction to Cultural Anthropology, 2E</i> . ISBN: 1111301530.
2009	Winning fieldwork photograph, <i>Undignified Foreign Dignitary</i> , featured in <i>Anthropology News</i> and displayed in the American Anthropological Association office in Washington, D.C (2 nd Place).
2008	Research featured in Awards section of <i>Anthropology News</i> ; photograph (courtesy Peter Mattison) featured on front page of same.

OUTREACH

2019	Role Models in STEM, Explora, Albuquerque, NM (January 19, 2019)
2018	Podcast: Human Biology Association: Are we doomed to a Mad Maxian World? Evolution of Inequality (with Mary Shenk). https://bit.ly/2JKX86k
2017	Presentation to CACA-ABQ (Chinese American Citizens Alliance, Albuquerque) Featured in #IAMSYA Education Spotlight: https://www.sya.org/uploaded/A_D_Forms/_IamSYA/Education/Mattison,_Siobhan.pdf
2015	Cornell University Career Panel for Undergraduates in Biology, Panelist: Ithaca, NY
2010-PRESENT	Cornell University Alumni Ambassador Network Volunteer
2004-PRESENT	School Year Abroad Alumni Interviewer

COLLABORATORS (PRESENT AND PAST)

Bret Beheim (University of New Mexico)	Adrian Jaeggi (Emory)
Tami Blumenfield (Furman University)	Hillard Kaplan (UNM)
Monique Borgerhoff Mulder (UC Davis)	Oren Kolodny (Stanford)
Melissa J. Brown (Harvard Yenching Institute)	Hui Li (Fudan University)
Emily K. Brunson (Texas State University, San Marco)	Judith Littleton (University of Auckland)
Peter Buston (Boston University)	Lige Liu (NWAUFU, China)
Ethan Cochrane (University of Auckland)	Cristina Moya (UC Davis)
Nicole Creanza (Vanderbilt)	Dawn B. Neill (California Polytechnic State University)
Bria Dunham (Mercer University)	David Nolin (University of Missouri)
Melissa Emery Thompson (UNM)	H. Kern Reeve (Cornell University)
Marcus W. Feldman (Stanford University)	Mary K. Shenk (University of Missouri)
Bruce Floyd (University of Auckland)	Brooke Scelza (UCLA)
Laura Fortunato (Oxford)	Rebecca Sear (LSHTM)
Masako Fujita (Michigan State)	Eric A. Smith (University of Washington)
Simone V. Gill (Boston University)	Julie Spray (University of Auckland)
Binglin Gong (Fudan University)	Chun-Yi Sum (University of Rochester)
Raymond Hames (University of Nebraska)	Mary Towner (Oklahoma State University)
Darragh Hare (UNM)	Susanna Trnka (University of Auckland)
Katherine Hinde (Harvard University)	Katherine Wander (Binghamton University)
Darryl J. Holman (University of Washington)	Jane Zhang (Hong Kong U of Science & Technology)
Keith Hunley (UNM)	

STUDENTS & POSTDOCS

Ongoing: Ruizhe Liu (Committee Chair, 2019-20XX); Ethnic identity, Southwest China

Adam Reynolds (Committee Chair, 2017-20XX; Investments in status in Vanuatu; supported by NSF REG; EAS Student Rep, 2020-2022)

Daniel Cummings: Aging and senescence in Tsimane forager-horticulturalists (Committee Member; 2018-20XX)

Drew Enigk: Sexual selection, cooperation, and conflict in chimpanzees (Committee Member; 2015-20XX)

Emily Moes: Structural violence among mothers and infants in Colonial Mexico City (MA Committee Member, 2019-20XX).

Sara Niedbalski: Genetic signatures of human migration through Bering Strait (Committee Member, 2019-20XX, supported by NSF REG)

Edmond Seabright: Costs and benefits of leadership among the Tsimane of Bolivia (Committee Member; 2014-20XX)

Sarah Arrowsmith (Undergraduate, UNM, Honors: 2019-20XX): Sexual identity and mate preference.

Madeline Dunn (Undergraduate, UNM, Honors: 2018-20XX): Human mate preferences.

Elizabeth Medina (Undergraduate, UNM, Honors: 2018-20XX; Supported by McNair and UNM Research Opportunity Scholarships): Human migration decisions.

Bernardo Ubaldo-Seixas (Undergraduate, UNM: 2018-20XX, Supported by NSF REU): Transmission of learning and norms in Vanuatu.

Completed: Darragh Hare (Postdoc for NSF-funded comparison of social inequality in China and Bangladesh, 2018-2019)

Chun-Yi Sum (Postdoc for NSF-funded comparison of social inequality in China and Bangladesh, 2016-2018)

Courtney Addison: Chronic Fatigue Syndrome and its Biological and Social Origins (BA Hons 2012; Co-Supervised with Bruce Floyd; MA 2013; Co-Supervised with Susanna Trnka)

Caitlin Anderson: The breastfeeding continuum and effects on milk composition (BA Hons 2013; Co-Supervised with Judith Littleton)

Gabrielle Baca (Undergraduate, UNM: 2018-2019): Social networks in the Mosuo.

Jingzhe (Bill) Cao: Historical demography of Taiwan (RA, 2014-2015, BU/UROP Summer)

Bridget Chak: Sex-biased parental investment among the Mosuo (BU/UROP Travel, 2014-15)

Magdalena Jovanovska: Life History and Quantity-Quality Tradeoffs among the European Roma (BA Hons 2011)

Hanying Mao: Sex-biased parental investment among the Mosuo (BU, 2014-15)

Parag Kadam: Determinants of Breastfeeding (Summer Scholar, AU, 2012)

Richard Sell: Brain Size Evolution (BA Hons 2011; Co-Supervised with Nicholas Malone)Natasha Turnbull: Alloparenting and Fosterage (BA Hons 2011; Co-Supervised with Bruce Floyd)

REVIEWING

National Science Foundation (Cultural Anthropology, Ad hoc reviewer for senior awards, DDRIG and GRFP Panelist), American Anthropologist, American Journal of Human Biology, Behavioral Ecology, Cognition, Current Anthropology (*Editorial Board*, 2019-2021), Demographic Research, Demography, Ethnicities, Evolution and Human Behavior (*Editorial Board*, 2019-2022), Frontiers Ecology and Evolution, Human Nature (*Editorial Board*, 2015-Present), Human Organization, Journal of Labor & Society, Maternal & Child Nutrition, Nature Communications, Nature Human Behaviour, PLoS ONE, Princeton University Press, PNAS, Proceedings B, Maternal & Child Nutrition, Research in Economic Anthropology, Royal Society Open Science, Siberica, Tourism Geographies

PROFESSIONAL ASSOCIATIONS & SERVICE

American Anthropological Association –
Evolutionary Anthropology Section, At-Large Member of the Board (elected position; 2016-2020); Contributing Editor and Board Member (2012-2016), Judging Panel (2016); Nominations Committee (2019)
Biological Anthropology Society
American Association for the Advancement of Science
Human Behavior and Evolution Society
Human Biology Association
Program Committee (2015 Meetings in St. Louis)
Southwest Association of Biological Anthropologists
Judge – Student Presentations (2015 Meeting in Albuquerque)
Population Association of America
Sigma Xi Honors Society
Book Review Editor, Journal of the Polynesian Society (2011-2013)
Colloquium Committee, University of New Mexico (2016-Present)
Evolutionary Anthropology Faculty Hiring Committee, University of New Mexico (Evolutionary Anthropology 2019, Archaeology Spousal 2018)

SKILLS

Proficient in French; Advanced Mandarin Chinese, Elementary Spanish, Elementary Bislama. Proficient in MS Excel, Word, PowerPoint, Windows, and MacOS, R, SPSS, Stata, SQL; working knowledge of ESRI GIS, MS Access, Adobe Photoshop, Gimp; Matlab, basic web design. Driving: manual, and automatic transmissions and motorcycles.

AVOCATIONS

Music: Attended Manhattan School of Music, Preparatory Division; performed with the Cornell University Chorale; University of Washington Vocal Jazz; University of Washington Opera; Auckland Choral; Viva Voce; Soli Musica, Quintessence; Coro Lux; voice, guitar and piano.
Fencing: Co-captain, Cornell University women's varsity team, 2002; two-time NCAA finalist; two-time recipient of the Best Achievement award; Fencing Officials Committee National Referee (USA).
Other: writing; horseback riding; traveling; scuba diving; hiking; camping; fishing; gardening; home improvement; skiing; knitting; sewing; cooking.
