

Curriculum Vitae: Siobhán Mary Mattison

(Natal Surname: Cully)

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RESEARCH INTERESTS

Human biology • Biocultural anthropology • Human behavioral ecology • Demography and Health • Kinship and social systems • Mixed methods • Breastfeeding • Social Inequality

TEACHING

Evolution and Human Behavior • Human Evolution • Anthropological Demography • Interpreting Biocultural Data • Human Physiology • The Analysis of Kinship • Introduction to Biological Anthropology • Environmental Studies: Data Types and Collection Methods • Human Biological Diversity • Evolutionary Anthropology Today • Biological Anthropology Theory • Human Growth and Development • Gender and Sexuality: An Interdisciplinary Introduction • Qualitative Research Strategies in Global Public Health

APPOINTMENTS

2015-Present	Assistant Professor	University of New Mexico, Evolutionary Anthropology
2014-2015	Research Assistant Professor	Boston University, Department of Biology & Women's, Gender, and Sexuality Studies Program
2013-2014	Visiting Assistant Professor	Rutgers University, Department of Ecology, Evolution, and Natural Resources
2013-2016	Honorary Research Fellow	University of Auckland, Department of Anthropology
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
2008	Visiting Scholar	Yunnan Academy of Social Sciences, Kunming, China
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"
2007	Student	Princeton in Beijing, Third-Year Intensive Chinese
2003	B.A.	Cornell University Biology <i>Cum Laude</i> : Neurobiology and Behavior Honors Thesis Advisor: Thomas D. Seeley

MANUSCRIPTS

SUBMITTED	Spray, Julie*, Bruce Floyd, Judith Littleton, Susanna Trnka, and Siobhán M. Mattison . A mixed-methods exploration of relationships between children's social networks and stress response as assessed using mid-morning variation in cortisol. <i>American Journal of Human Biology</i> .
SUBMITTED	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. (<i>Proceedings of the National Academy of Sciences</i>).

- IN PREP Baldini, Ryan, Monique Borgerhoff Mulder, Bret Beheim, Heidi Colleran, Michael Gurven, Karen Kramer, **Siobhán M. Mattison**, David Nolin, Brooke Scelza, Rebecca Sear, Mary K. Shenk, Mary C. Townder, and Eckart Voland. Inferring sex-biased parental investment in 15 small-scale human populations. (In prep for *Current Anthropology*)
- IN PREP Chak, Bridget* and **Siobhán M. Mattison**. Parity progression reflects sex-biased parental investment among the patrilineal and matrilineal Mosuo of Southwest China.
- IN PREP **Mattison, Siobhán M.**, Mary K. Shenk, Ethan Cochrane, and Eric A. Smith. The evolution of social inequality in small-scale societies. (In prep for *Evolutionary Anthropology*).

PUBLICATIONS – JOURNAL ARTICLES

- IN PRESS **Mattison, Siobhán M.**, Emily K. Brunson, and Darryl J. Holman. Palmar crease classification and relationship to Fetal Alcohol Spectrum Disorders. *Collegium Anthropologicum*.
- IN PRESS **Mattison, Siobhán M.**, Katherine Wander, and Katie Hinde. The benefits of prolonged breastfeeding among the Chagga of Kilimanjaro. (*American Journal of Human Biology*).
- IN PRESS **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*)
- 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.
- 2013 **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.
- 2011 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.

PUBLICATIONS – OTHER

- 2012-2016 **Column Editor – Anthropology News**, Evolutionary Anthropology Society of the AAA. Through February 2015, 14 columns: 8 edited; 6 authored or co-authored.
- IN PRESS **Mattison, Siobhán M.** Matrilineal and Matrilocal Systems. (Invited Submission for *The Wiley-Blackwell Encyclopedia of Gender and Sexuality Studies*).**
- 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)
- 2012 **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)
- 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

FELLOWSHIPS, GRANTS AND AWARDS

RECOMMENDED FOR FUNDING	\$417,000/\$232,000	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
2013	Award/Training	Future Research Leaders Programme, University of Auckland (UoA)
2012	NZ\$43,676	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
2012	NZ\$5000	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
2012	NZ\$2469	UoA Performance-Based Research Fund (PBRF)
2012	NZ\$5415	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
2009	Award	American Anthropological Society Annual Fieldwork Photography Contest, Winner, Second Place: <i>Undignified Foreign Dignitary</i>
2007	\$14780	NSF Doctoral Dissertation Improvement Grant (BCS 0717918)
2007	\$7000	China Studies Program, Fritz Endowment
2007	Fellowship	Foreign Language Area Studies Fellowship (FLAS)
2007	\$1000	CSSS Graduate Student Research and Presentation Grant
2007	\$300	UW GSFEI Travel Award: Human Behavior and Evolution Society Meeting, Williamsburg, VA
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>
2006	\$2000	UW Department of Anthropology Pilot Research Award: <i>Pilot Project: The Behavioral Ecology of Sex-biased Parental Investment among the Na of Southwest China</i>
2006 – 2007	Fellowship	NIH-Center for Studies in Demography and Ecology Fellowship (CSDE)
2006 – 2007	\$1200	Baldwin Scholarship – University of Washington Department of Anthropology
2006	\$1296	Learning for Leadership Council (LLC) Grant: <i>Conference on Breadth in Anthropological Research</i>
2005 - 2006	Fellowship	CSDE Shanahan Fellowship
2006	Fellowship	FLAS Fellowship (declined)
2002	\$1000	USDA Hatch Grant for Undergraduate Research (NYC-191407)

PRESENTATIONS

2015	Buston, Peter, Jeffrey Gavnornik, Siobhán M. Mattison , Trevor Siggers, Jenny Talbot. Social networks in biology. <i>Tertulia Seminar Series for Junior Faculty</i> : Boston University, Boston, MA.
2015	Nolin, David, Siobhán M. Mattison , and Mary K. Shenk. Marital assortment and inequality in small-scale societies. <i>Northwest Evolution, Ecology, and Human Behavior Symposium</i> : Boise, ID.
2015	Chak, Bridget*, Hanying Mao, Peter Buston, and Siobhán M. Mattison . Kinship and sex-biased parental investment among the Mosuo of Southwest China. <i>Human Biology Association (HBA) Annual Meeting</i> : St. Louis, MO (poster; student-authored).
2015	Mattison, Siobhán M. Outliers: Stories of reproductive success? <i>University of New Mexico</i> : Albuquerque, NM. (Invited Talk)
2014	Mattison, Siobhán M. , Brooke Scelza, and Tami Blumenfield. Mixed methods in Southwest China: How human behavioral ecology inspires ethnography and vice versa. <i>American Anthropological Association (AAA) Annual Meeting</i> : Washington, DC.

- 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)
- 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)
- 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.
- 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, 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.
- 2012 **Mattison, Siobhán M.**, Dawn Neill, and Mary K. Shenk. The behavioral ecology of modernization. (Session co-organizer)
- 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)
- 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.
- 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)
- 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)
- 2011 **Mattison, Siobhán M.** Kinship and market integration among the ethnic Mosuo of Southwest China. *Center for Behavior, Evolution, and Culture*, UCLA. (Invited Talk)
- 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.
- 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.
- 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)
- 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.
- 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)
- 2010 **Mattison, Siobhán M.** The behavioral ecology of kinship and reproduction among the matrilineal Mosuo of Southwest China. *University College London*. (Invited Talk)
- 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)
- 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)
- 2009 **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.
- 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.

- 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)
- 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.
- 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.
- 2007 **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.
- 2006 **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

- 2015 Santa Fe Institute (SFI): The Dynamics of Wealth Inequality and Family Structure. Santa Fe, NM.

PRESS

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

OUTREACH

- 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)

Ryan Baldini (UC Davis)	Darryl J. Holman (University of Washington)
Tami Blumenfield (Furman University)	Judith Littleton (University of Auckland)
Melissa J. Brown (Harvard Yenching Institute)	Cristina Moya (LSHTM)
Emily K. Brunson (Texas State University, San Marco)	Dawn B. Neill (California Polytechnic State University)
Peter Buston (Boston University)	David Nolin (University of Missouri)
Ethan Cochrane (University of Auckland)	Mary K. Shenk (University of Missouri)
Bria Dunham (Mercer University)	Brooke Scelza (UCLA)
Marcus W. Feldman (Stanford University)	Rebecca Sear (LSHTM)
Bruce Floyd (University of Auckland)	Eric A. Smith (University of Washington)
Simone V. Gill (Boston University)	Julie Spray (University of Auckland)
Binglin Gong (Fudan University)	Mary Towner (Oklahoma State University)
Raymond Hames (University of Nebraska)	Susanna Trnka (University of Auckland)
Katherine Hinde (Harvard University)	Katherine Wander (Binghamton University)

STUDENTS

Jingzhe (Bill) Cao: Historical demography of Taiwan (RA, 2014-2015, UROP Summer)
Bridget Chak: Sex-biased parental investment among the Mosuo (UROP Travel, 2014-15)
Hanying Mao: Sex-biased parental investment among the Mosuo (2014-15)
Caitlin Anderson: The breastfeeding continuum and effects on milk composition (BA Hons 2013; Co-Supervised with Judith Littleton)
Parag Kadam: Determinants of Breastfeeding (Summer Scholar, 2012)
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)
Natasha Turnbull: Alloparenting and Fosterage (BA Hons 2011; Co-Supervised with Bruce Floyd)
Magdalena Jovanovska: Life History and Quantity-Quality Tradeoffs among the European Roma (BA Hons 2012)
Richard Sell: Brain Size Evolution (BA Hons 2011; Co-Supervised with Nicholas Malone)

REVIEWING

National Science Foundation (Cultural Anthropology), PLoS ONE, PNAS, Current Anthropology, Evolution and Human Behavior, Human Nature, Tourism Geographies

PROFESSIONAL ASSOCIATIONS & SERVICE

Sigma Xi Honors Society
Human Behavior and Evolution Society
American Anthropological Association –
Evolutionary Anthropology Section, Contributing Editor and Board Member (2012-2016)
Society for Anthropological Sciences
East-Asian Anthropology Section
Human Biology Association
Program Committee (2015 Meetings in St. Louis)
Animal Behavior Society
International Union for the Scientific Study of Population
Population Association of America
Book Review Editor, Journal of the Polynesian Society (2011-2013)
Graduate Studies Committee, University of Auckland (2011-2013)
Graduate Activities Funds Steering Committee, University of Washington (2005-2007)
Teaching Effectiveness Committee, University of Washington (2007)
Resources Committee, University of Washington (2004-2005)
Graduate Student Representative, University of Washington (2009-2010)
Center for Studies in Statistics and Social Sciences, Department Student Coordinator (2006-2010)

SKILLS

Proficient in French and Mandarin Chinese, Elementary Spanish. Proficient in MS Excel, Word, PowerPoint, Windows, and MacOS, R, SPSS, Stata, SQL; working knowledge of ESRI GIS, MS Access, Adobe Photoshop, Gimp; 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; 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.
