

Shane J. Macfarlan

Contact Information

Department of Anthropology
University of Utah
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Salt Lake City, UT 84112

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Current Position

Associate Professor	Department of Anthropology	University of Utah
Faculty Affiliate	Center for Latin American Studies	University of Utah
Faculty Affiliate	Global Change & Sustainability Center	University of Utah

Education

Post-Doctorate Anthropology	2013-2014
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University of Missouri

Advisors: Napoleon Chagnon, Mark Flinn

Ph.D. Anthropology	2004-2010
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Washington State University

Dissertation: “*The Logic of Labor Exchange in a Dominican Village: Competitive Altruism, Biological Markets, & the Nexus of Male Social Relationships*”

Advisors: Robert Quinlan, Barry Hewlett, Ed Hagen, Mike Alvard

M.A. Museum Science	1999-2003
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Texas Tech University

Thesis: “*A Contextual & Preventive Conservation Approach to Museum Education Collections*”

Advisors: Eileen Johnson, Lee Brodie, Julie Thomas

Dual B.A. Anthropology & History	1994-1998
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University of Pittsburgh

Peer Reviewed Publications

Under Review

- Ross CT,... **Macfarlan SJ**,...Bulderhoff Mulder M. Reproductive inequality in humans and other mammals. *Proceedings of the National Academy of Sciences of the USA* (MS# 2022-20124).
- Page AE,...**Macfarlan SJ**,...Sear R. Subsistence strategy does not predict fertility at the group level, but women who farm have more children. *Science* (MS # ade9038).
- Macfarlan SJ**, Schacht R, Davis CA, Yerman AD, Higuera Landeros FJ, Amador Amador M. Decision-making under climate shocks and economic insecurity: Ranching in rural Baja California Sur, Mexico. *Evolution and Human Behavior* (MS# EVOLHUMBEHAV-D-22-00132R1).
- Magargal K, Yellowman J, Chee S, Wabel M, **Macfarlan SJ**, Coddling BF. Firewood and energy sovereignty on Navajo Nation. *Human Ecology* (MS# 91edea4d-09bc-482b-98ec-b5487127bd8d).

Published

*Corresponding Author

1. Lerback J, Bowen B, **Macfarlan SJ**, Schniter E, Garcia JJ, Caughman L. 2022. Development of a graphical resilience framework to understand a coupled human-natural system in a remote arid highland of Baja California Sur. *Sustainability Science* <https://doi.org/10.1007/s11625-022-01101-6>
2. Davis C, Redhead D, **Macfarlan SJ**. 2022. Political alliance formation and cooperation networks in the Utah State legislature. *Human Nature* 33(1). <https://doi.org/10.1007/s12110-021-09420-w>
3. Lerback JC, Bowen BB, Humphrey CE, Fernandez DP, Bernau JA, **Macfarlan SJ**, Schniter E, Garcia JJ. 2022. Geochemistry and provenance of springs in a Baja California Sur mountain catchment. *Groundwater* 60(2):295-308. <http://doi.org/10.1111/gwat.13177>
4. Garfield Z, Schacht R, Post E, Ingram D, Uehling A, **Macfarlan SJ***. 2021. The content and structure of reputation domains across human societies: a view from the evolutionary social sciences. *Philosophical Transactions of the Royal Society B* 376: 20200296. <https://doi.org/10.1098/rstb.2020.0296>
5. Schacht R, Hollingshaus M, Hanson H, **Macfarlan SJ**, Tharp D, Bruckner T, Smith KR. 2021. Frail males on the American frontier: the role of environmental harshness on sex ratios at birth across a period of rapid industrialization. *Social Science* 10(9): 319. <https://doi.org/10.3390/socsci10090319>
6. **Macfarlan SJ**, Schacht R, Bourland I, Kapp S, Glad T, Lewis L, Claflin S, Darmiento N, Clegg T, Thorpe C, Peppelar T, Nguyen B, Hall RG, Davis CS, Santiago M, Henrickson C. 2021. NDVI predicts birth seasonality in historical Baja California Sur, Mexico: Adaptive responses to arid ecosystems and the North American Monsoon. *Biodemography and Social Biology* 66(2): 145-155. <http://dx.doi.org/10.1080/19485565.2020.1870924>
7. Schniter E, **Macfarlan SJ**, Garcia JJ, Ruiz-Campos G, Beltran DG, Bowen BB, Lerback JC. 2021. Age appropriate wisdom? Ethnobiological knowledge ontogeny in Pastoralist Mexico. *Human Nature* 32: 48-83. <https://doi.org/10.1007/s12110-021-09387-8>
8. Schacht R, **Macfarlan SJ**, Meeks H, Cervantes PL, Morales F. 2020. Male survival advantage on the Baja California peninsula. *Biology Letters* 20200600 <http://dx.doi.org/10.1098/rsbl.2020.0660>
9. **Macfarlan SJ**, Schacht R, Schniter E, Garcia JJ, Guevara Beltran D, Lerback J. 2020. The role of dispersal and school attendance on reproductive dynamics in small, dispersed populations: *Choyeros* of Baja California Sur, Mexico. *PLoS One* 15(10):e0239523. <https://doi.org/10.1371/journal.pone.0239523>
10. **Macfarlan SJ**, Schacht R, Foley C, Cahoon S, Osusky G, Vernon KB, Tayler E, Henrickson C, Schniter E. 2020. Marriage dynamics in old Lower California: Ecological constraints and reproductive value in an arid peninsular frontier. *Biodemography and Social Biology* 65(2): 156-171 <https://doi.org/10.1080/19485565.2020.1728685>
11. Post ER, **Macfarlan SJ**. 2020. Tracking cross-cultural gender bias in reputations. *Cross Cultural Research*. 54:1-18. <https://doi.org/10.1177/1069397120910429>
12. Koster J, Dieter L, Nolin D, Power E, Alvergne A, Mace R, Ross C, Kramer K, Greaves R, Caudell M, **Macfarlan S**, Schniter E, Quinlan R, Mattison S, Reynolds A, Yi-Sum C, Massengil E. 2019. Kinship ties across the lifespan in human communities: Implications for reproductive conflict theory. *Philosophical Transactions of the Royal Society B* 374(1780). <https://doi.org/10.1098/rstb.2018.0069>

13. **Macfarlan SJ**, Quinlan RJ, Post E. 2019. Emergent matriliney in a matrifocal, patrilineal population: A male coalitionary perspective. *Philosophical Transactions of the Royal Society B* 374(1780). <https://doi.org/10.1098/rstb.2018.0073>
14. **Macfarlan SJ**, Garcia JJ, Schniter E, Guevara Beltran D, Amador Bibó JG, Ruiz-Campos G. 2019. Geographic Distribution: *Elgaria velazquezii* (Central Baja California Alligator Lizard). *Herpetological Review* 50(1):10
15. **Macfarlan SJ**, Erickson P, Yost J, Regalado J, Jaramillo L, Beckerman S. 2018. Bands of Brothers and In-Laws: Waorani Warfare, Marriage, and Alliance Formation. *Proceedings of the Royal Society B*. 20181859. <http://dx.doi.org/10.1098/rspb.2018.1859>.
16. **Macfarlan SJ**, Remiker M. 2018. Cultural multi-level selection and biological market theory explains the coupled dynamics of labor exchange cooperation and social support. *Sustainability Science* 13(1):59-70 <https://doi.org/10.1007/s11625-017-0481-x>
17. **Macfarlan SJ**. 2016. Social evolution: The force of the market. *Current Biology* 26(16): R756-R758 <http://dx.doi.org/10.1016/j.cub.2016.07.041>
18. **Macfarlan SJ**, Lyle H. 2015. Multiple reputation domains and cooperative behavior in two Latin American communities. *Philosophical Transactions of the Royal Society B*. 370(1683):20150009. <http://dx.doi.org/10.1098/rstb.2015.0009>
19. **Macfarlan SJ**, Walker RS, Flinn MV, Chagnon NA. 2014. Lethal coalitionary aggression and long-term alliance formation among Yanomamö men. *Proceedings of the National Academy of Sciences of the USA* 111(47):1662-16669. doi:10.1073/pnas.1418639111
20. Perry G, Daly M, **Macfarlan SJ**. 2014. Maternal foster families provide more stable placements than paternal families. *Children and Youth Services Review* 46:155-159. (doi: 10.1016/j.childyouth.2014.08.016)
21. **Macfarlan SJ**, Quinlan R, Remiker M. 2013. Cooperative behaviour and prosocial reputation dynamics in a Dominican village. *Proceedings of the Royal Society B*. 22. 280(1761):20130557 (doi: 10.1098/rspb.2013.0557)
23. **Macfarlan SJ**, Remiker M, Quinlan R. 2012. Competitive altruism explains labor exchange variation in a Dominican village. *Current Anthropology*. 35(1):118-124
24. Davis LG, **Macfarlan SJ**, Henrickson CN. 2012. A PXRF-based chemostratigraphy and provenience system for the Cooper's Ferry site, Idaho. *Journal of Archaeological Science*. 39(3):663-671
25. Lynch Alfaro JW, Mathews L, Boyette AH, **Macfarlan SJ**, Phillips KA, Falotico T, Ottoni E, Verderane M, Izar P, Schulte M, Melin A, Fedigan L, Janson C, Alfaro ME. 2012. Anointing variation across wild capuchin monkey populations: a review of material preferences, bout frequency, and anointing in *Cebus* and *Sapajus*. *American Journal of Primatology* 73:1-16.
26. **Macfarlan SJ**. 2011. The Dual-Role method and Ultimatum Game performance. *Field Methods* 23(1):102-114
27. Balliet D, Li NP, **Macfarlan SJ**, Van Vugt M. 2011. Sex differences in cooperation: A meta-analytic review of social dilemmas. *Psychological Bulletin*. 137(6):881-909
28. **Macfarlan SJ**, Henrickson CN. 2010. Inferring relationships between indigenous Baja California Sur and Seri/Comcáac populations through cultural traits. *The Journal of California and Great Basin Anthropology* 30(1): 51-68
29. **Macfarlan SJ**, Quinlan R. 2008. Kinship, family, and gender effects in the Ultimatum Game. *Human Nature* 19:294-309.

30. **Macfarlan SJ**, Johnson E. 2003. Education collections as museum collections. *Curator* 46(1):101-113.
31. **Macfarlan SJ**. 2001. A consideration of museum education collections: Theory and application. *Curator* 44(2):166-178.

Book Chapters

1. Chagnon N, **Macfarlan SJ**. 2015. Yanomamö: The sociobiology people. In *Handbook on Evolution and Society: Toward an Evolutionary Social Science*, A. Maryanski, R. Machalek, J.H. Turner (Eds.). Pp 114-121. Paradigm Publishers: Boulder, CO.
2. Hruschka D, Hackman J, **Macfarlan SJ**. 2015. Why do humans help their friends? Proximal and ultimate hypotheses from evolutionary theory. In *Evolutionary Perspectives on Social Psychology*, V. Zeigler-Hill, L. Welling, and T. Shackelford (Eds). Pp. 255-166. Springer: New York.
3. Davis LG, Willis SC, **Macfarlan SJ**. 2012. Lithic technology, cultural transmission, and the nature of the Far Western Paleoarchaic-Paleoindian co-tradition. In *Meetings at the Margins: Prehistoric Cultural Interactions in the Intermountain West*, D. Rhode (Ed). Pp. 47-64. University Utah Press: Salt Lake City, UT.
4. Hewlett B. **Macfarlan S**. 2010. Fathers' Roles in Hunter-Gatherer and Other Small Scale Cultures. In *The Role of the Father in Child Development, 5th Ed*. M.E. Lamb (Ed.). Pp.413-434. John Wiley & Sons: Hoboken, N.J.
5. Goodale NB, Kuijt I, **Macfarlan SJ**, Osterhoudt C, Finlayson B. 2008. Lithic Core Reduction Techniques: Modeling Expected Diversity. In *Lithic Technologies W. Andrefsky* (Ed.). Pp. 317-335. Cambridge University Press: Oxford.

External Grants

National Science Foundation

2022 *RAPID: Ecological Shocks, Risk Perceptions, and Economic Decision-Making in Rural BCS, Mexico* ([Award #2246385](#))

Role: PI

\$17,867

Pending *Convergent Human and Environmental Dynamics Research (CHEDR)*

Role: Senior Personnel

\$2,941,347

Western Alliance to Expand Student Opportunities

2021 *Birth Seasonality, Local Energy Flux, and Neonate Health*

Role: PI

\$1654

Social Sciences & Humanities Research Council of Canada

2019 *A Process of Evaluation of the Feather Carriers: Leadership in Life Promotion Training Program* <https://www.sshrc-crsh.gc.ca/results-resultats/recipients-recipiendaires/2019/peg-sep-sep2019-eng.aspx>

Role: CO-PI (PI: Daniel Krupp)

\$24,858

National Geographic Society Research and Exploration Grant

2017 *Oasiana-Ranchero Culture and Aridland Spring Sustainability in the Sierra de La Giganta Mountain Range of Baja California Sur, Mexico* (Award # HJ-099R-17)

Role: PI

\$22,264

National Science Foundation

2017 *CNH-L Dynamic Impacts of Environmental Change and Biomass Harvesting on Woodland Ecosystems and Traditional Livelihoods* (Award #1714972)

Role: Senior Personnel	(PI: Brian Coddington)	\$1,470,534
2016 IBSS-L <i>The Effect of Social Networks on Inequality: A Longitudinal Cross-Cultural Investigation</i> (Award #1620416)		
Role: Sub-Contractor	(PI: Jeremy Koster)	\$888,000

Internal Grants: University of Utah

Faculty Small Grant Program

2020 *Effect of Reproductive Timing & Pace on Sex-Based Mortality Risks* (Award# 002631)

Role: PI	\$4275
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NEXUS Pilot Grant

2020 *Resilience and Justice in the Local Food System: Understanding Mutual Aid in the Time of COVID-19.*

Role: CO-PI	(PI: Adrienne Cachelin)	\$12,500
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2019 *Uncovering the Framework for Spring Sustainability in Complex Socio-Hydrological Systems in the Remote Arid Highland of Baja California Sur, Mexico*

Role: CO-PI	(PI: Brenda Bowen)	\$15,000
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CSBS Research Incentive Seed Grant Program

2019 *Healing the Warrior's Soul: Post-Combat Purification Rituals in a Cross-Cultural Perspective*

Role: PI	\$3,900
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Society, Water, and Climate Seed Grant

2017 *Hydrologic Systems, Human Consumption, & Aridland Spring Sustainability: A Cross-Site Comparison*

Role: PI	\$10,000
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Global Learning Across the Disciplines Grant

2016 *Expanding and Integrating Global Learning in Anthropology*

Role: PI	\$9,500
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2015 *Mining Impacts: Andean Nation Development of Environmental/Economic Solutions*

Role: CO-PI	(PI: William Johnson)	\$10,000
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Funding Incentive Seed Grant

2015 *Oasiana-Ranchero Culture and Aridland Spring Water Management in Baja California Sur, Mexico*

Role: PI	\$32,443
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Other External Funding

Max Planck Institute for Evolutionary Anthropology

2019 Workshop: *Re-Organizing Social Organization*

Role: Co-Organizer	(PI: Luke Glowacki)	\$28,000
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Awards

University of Utah

2021 CSBS Award for Advancing Equity and Connecting Communities

2020 Sustainability Integration Leadership Award

2019 College of Social & Behavioral Sciences Superior Teaching Award

2017 College of Social & Behavioral Sciences Jr. Faculty Research Leave

Invited Talks, Conference Presentations, and Posters

1. **Macfarlan, SJ.** 2022. *Human-Ecosystem Dynamics on the Forgotten Peninsula: A Historical, Demographic, and Ethnographic Exploration of Baja California Sur, Mexico.* Todos Santos Speaker Series. Todos Santos, BCS, Mexico.
2. **Macfarlan, SJ.** 2022. *Human-Ecosystem Dynamics on the Forgotten Peninsula: A Historical, Demographic, and Ethnographic Exploration of Baja California Sur, Mexico.* Anthropology Colloquium. University of Utah. Salt Lake City, UT.
3. **Macfarlan, SJ.** 2022. *Human-Ecosystem Dynamics on the Forgotten Peninsula: A Historical, Demographic, and Ethnographic Exploration of Baja California Sur, Mexico.* Evolution of Social Complexity Colloquium. Arizona State University. Tempe, AZ.
4. **Macfarlan, SJ & Davis C.** 2022. Birth Seasonality, Neonate Health, and Climate Change. Society for Applied Anthropology Annual Meeting. Salt Lake City, UT.
5. **Macfarlan, SJ.** 2022. Centering Traditional Knowledge: Research Collaborations with Indigenous Communities and Other Local Partners. CSBS Social Solutions Series. University of Utah, Salt Lake City, UT.
6. **Macfarlan, SJ.** 2022. *Human-Ecosystem Dynamics on the Forgotten Peninsula: A Historical, Demographic, and Ethnographic Exploration of Baja California Sur, Mexico.* Global Change & Sustainability Center Seminar. University of Utah. Salt Lake City, UT. https://utah.instructure.com/courses/393508/external_tools/55208
7. **Macfarlan, SJ & Davis C.** 2021. *The North American Monsoon, Seasonal Energy Flux, and Birth Seasonality in Baja California Sur, Mexico.* Utah Demography Summit. University of Utah. Salt Lake City, UT.
8. **Macfarlan, SJ.** 2021. *Historical and evolutionary demography of the Forgotten Peninsula: Adaptive responses to arid ecosystems and small populations on the Baja California frontier.* Evolutionary Anthropology Seminar Series. University College London. London.
9. **Macfarlan, SJ, Schacht R, Schniter E, Guevara-Beltran D.** 2020. *The role of dispersal and school attendance on reproductive dynamics in small populations.* American Association of Physical Anthropologists Annual Meeting. Los Angeles, CA.
10. **Macfarlan SJ.** 2019. *The role of dispersal & education on reproductive dynamics in small populations.* Anthropology Dept. Speaker Series. Penn State University. Happy Valley, PA.
11. **Macfarlan SJ.** 2019. *Marriage dynamics in old Lower California: Ecological constraints, reproductive value, and changing gender norms.* Utah Demography Summit. Brigham Young University. Provo, UT.
12. **Macfarlan SJ.** 2019. *Managing Life in the Desert: Choyero Cultural Dynamics & Sustainability Challenges in BCS, Mexico.* IFREE/ESI Lecture Series. Chapman University. Orange, CA. <https://www.youtube.com/watch?v=F4oQECssbQ&feature=youtu.be>
13. **Macfarlan SJ.** 2019. *Peoples & Cultures of Todos Santos: A Pirate, A Padre, & A Partera.* Todos Santos Speaker Series. Todos Santos, BCS, Mexico
14. **Macfarlan SJ.** 2018. *Contextualizing Your Research.* Undergraduate Research Education Series. University of Utah. Salt Lake City, UT.
15. **Macfarlan SJ.** 2018. *Marriage & Reproductive Dynamics, in a Traditional Ranchero Population: Genetic Relatedness, Age at Marriage, & Inter-Community Dispersal.* Demography Summit. University of Utah. Salt Lake City, UT.
16. **Macfarlan SJ.** 2018. *Bands of Brothers & In-Laws: Waorani Warfare, Marriage, & Alliance Formation.* Northwest Evolution, Ecology, & Human Behavior Symposium. Boise, ID.

17. **Macfarlan SJ**, Garcia JJ, Schniter E, Hoagstrom C. 2018. *Cultural Values and Knowledge Associated with the Aridland Springs of the Sierra de La Giganta of Baja California Sur, Mexico*. Society for Applied Anthropology Annual Meeting, Philadelphia, PA.
18. **Macfarlan SJ**. 2018. *Bands of Brothers & Inlaws: Waorani Warfare, Friendship, & Marriage*. Anthropology Dept. Speaker Series. Rutgers University, New Brunswick, NJ.
19. **Macfarlan SJ**. 2018. *The Cultures and Characters of Todos Santos*. Todos Santos Speaker Series. Todos Santos, BCS, Mexico
20. **Macfarlan SJ**. 2017. *Birth, death, and marriage in 19th century Todos Santos: The historical demography of a "Pueblo Mágico."* Colorado State University Todos Santos Center. Todos Santos, BCS, Mexico.
21. **Macfarlan SJ**. 2017. *Oasiana-Ranchero Culture and Aridland Spring Water Management in the Sierra de La Giganta, Baja California Sur, Mexico*. Society for Applied Anthropology Annual Meeting, Santa Fe, New Mexico.
22. **Macfarlan SJ**. 2017. *Labor exchange and social support in a smallholder economy: Integrating behavioral ecology and political ecology theory*. University of New Mexico. Albuquerque, NM.
23. **Macfarlan SJ**. 2017. *Los Californios of BCS, Mexico*. Santa Fe Institute Working Group: Network Structure, Political Hierarchy & Economic Inequality. Santa Fe, NM.
24. **Macfarlan SJ**. 2016. *Reputation Dynamics, Social Markets, and the Emergence of Leaders in a Dominican Village*. California State University – Fullerton Anthropology Invited Speakers Colloquium. Fullerton, CA.
25. **Macfarlan SJ**. 2016. *Multiple Reputations, Cooperation, & Leadership in a Dominican Village*. Society for Cross-Cultural Research Annual Meeting. Portland, OR.
26. **Macfarlan SJ**. 2015. *Warfare, Marriage, and Friendship in Yanomamö-land*. SFU Human Evolutionary Studies Program's 4th annual symposium. Vancouver, BC, Canada.
27. **Macfarlan SJ**. 2014. *Warfare, Marriage, and Friendship in Yanomamö-land*. Department of Anthropology Colloquium Series. Salt Lake City, UT.
28. **Macfarlan SJ**, Alvey J. 2014. *Demografía histórica y la dinámica de la población local en el siglo XIX, B.C.S., Mexico*. *Symposio Internacional de Antropología, Historia y Estudios Culturales de Las Tres Californias*. La Paz, BCS, Mexico.
29. **Macfarlan SJ**. 2013. *Bargaining Behavior in a Dominican Village: Network Centrality, Bargaining Power, and the Ultimatum Game's External Validity*. American Anthropological Association Annual Meeting, Chicago, IL.
30. Chagnon N, **Macfarlan SJ**, Hames R. 2013. *Yanomamö Grandparents*. Human Behavior and Evolution Society Annual Meeting. Miami, FL.
31. **Macfarlan SJ**. 2013. *Cooperative Reputations, Labor Exchange, and Mutual Insurance in a Dominican Community*. NESCent Catalysis Meeting. Durham, N.C.
32. Hooper P, Bowles S, Borgerhoff-Mulder M, **Macfarlan SJ**, Kasper C, Kramer K. 2013. *Empirical Analysis of Network Structure & Wealth Inequality*. Santa Fe Institute Working Group on Network Structure, Political Hierarchy & Economic Inequality. Santa Fe, NM.
33. **Macfarlan SJ**, Quinlan R. 2012. *Land, Labor, & Wealth Accumulation in a Dominican Village*. American Anthropological Association Annual Meeting. San Francisco, CA.
34. **Macfarlan SJ**. 2012. *Reputation Dynamics in a Dominican Village*. Washington State University-Vancouver. Vancouver, WA.
35. **Macfarlan SJ**, Remiker M, Quinlan R. 2012. *Reputation Dynamics in a Dominican Village*. Human Behavior and Evolution Society Annual Meeting. Albuquerque, NM.

36. **Macfarlan SJ.** 2012. *Labor Exchange and the Social Market for Male Relationships in Dominica*. School of Language Culture & Society. Oregon St University. Corvallis, OR.
37. **Macfarlan SJ.** 2012. *Reputation Dynamics in a Dominican Village*. American Association of Physical Anthropologists Annual Meeting. Portland, OR.
38. **Macfarlan SJ. (Session Co-Organizer Evolutionary Anthropology Society).** 2011. *Reputation Dynamics in a Dominican Village*. American Anthropological Association Annual Meeting. Montreal, Quebec, Canada.
39. **Macfarlan SJ.** 2011. *Culture History, Geography, and Sustainable Development of an Oasiana Ranchero Community in Baja California Sur, Mexico*. Instituto Nacional de Antropología y Historia Annual Bi-National Meeting. Mexicali, Mexico.
40. **Macfarlan SJ. (Session Organizer – Evolutionary Anthropology Society).** 2010. *Social Networks, Labor Exchange, and the Biologic Market for Male Relationships in a Dominican Village*. American Anthropological Association Annual Meeting. New Orleans, LA.
41. **Macfarlan SJ.** 2010. *Ultimatum Game Behavior in a Dominican Village: Cooperative Types, Cultural Frames, and External Validity*. Human Behavior and Evolution Society Annual Meeting. Eugene, OR.
42. Balliet D, **Macfarlan SJ.** 2010. *An Evolutionary Perspective on Sex Differences in Experimental Trust Games: A Meta-Analytic Review*. Human Behavior and Evolution Society Annual Meeting. Eugene.
43. Balliet D, Lee NP, **Macfarlan SJ.** 2010. *Sex Differences in Cooperation: A Meta-Analytic Review of Social Dilemmas*. Human Behavior & Evolution Society Meeting. Eugene, OR.
44. **Macfarlan SJ.** 2010. *The Dual Role Method and Ultimatum Game Performance: Evidence of Cooperative Types in a Dominican Village*. Society for Anthropological Sciences Annual Meeting. Albuquerque, NM.
45. **Macfarlan SJ. (Winner - Best Student Paper - Society for Anthropological Sciences).** 2009. *The Logic of Labor Exchange in a Dominican Village*. American Anthropology Association Annual Meeting. Philadelphia, PA.
46. Remiker M, **Macfarlan SJ.** 2009. *Experimental Games, Social Networks, & Cultural Models of Fairness*. American Anthropological Association Annual Meeting. Philadelphia, PA.
47. Davis L, Nyers A, Henrickson C, **Macfarlan SJ.** 2009. *Geochemical Solutions for Geoarchaeological Problems in the Lower Salmon River Canyon, Idaho*. Geological Society of America Annual Meeting. Portland, OR.
48. **Macfarlan SJ.** 2009. *Reciprocity, not Kinship Explains Labor Exchange in a Dominican Village*. Human Behavior and Evolution Annual Meeting. Fullerton, CA.
49. **Macfarlan SJ.** 2009. *The Logic of Labor Exchange in a Dominican Village*. Northwest Anthropological Conference Annual Meeting. Newport, OR
50. **Macfarlan SJ.** 2009. *The Logic of Labor Exchange in a Dominican Village*. Society for Anthropological Sciences Annual Meeting. Las Vegas, Nevada.
51. **Macfarlan SJ, Quinlan RJ.** 2008. *Kinship, Family, and Gender Effects in the Ultimatum Game*. American Anthropological Association Annual Meeting. San Francisco, CA.
52. **Macfarlan SJ.** 2008. *The Socio-Ecology of Bay Oil Production in a Dominican Village*. Oregon State University. Corvallis, OR.
53. **Macfarlan SJ, Quinlan RJ.** 2008. *An Empirical Measure of Social Structure on Economic Reasoning*. Society for Anthropological Sciences Annual Meeting. New Orleans, LA.
54. **Macfarlan SJ, Patton JQ.** 2005. *Take-It or Leave-It: Effects of Personal Attribute Data on Payoff Performances in the Ultimatum Game*. AAA Annual Meeting. Washington D.C.

55. Thomas J, Shore S, **Macfarlan S**. 2002. *Building Museum & School Partnerships*. Texas Association of Museums. Lubbock, TX.

University Service

Director of Undergraduate Studies (Anthropology)	2021-Present
CSBS Curriculum Committee	2021-Present
Sustainability Education Advisory Committee	2016-Present
Rio Mesa Advisory Committee	2016-2022
Center for Latin American Studies Faculty Advisory Committee	2017-2020
Global Change & Sustainability Center Grant Reviewer	2016-2019
Office of Global Engagement Grant Reviewer	2017-2019
Environmental Studies Scholarship Committee	2016
EarthU Sustainability in Diversity Mentor	2015

Departmental Service

Curriculum Committee Chair	2021-Present
Honors Faculty Advisor	2019-Present
Workload Policy Committee	2016
Administrative Officer Hiring Committee	2015
Strategic Planning Committee	2015
Curriculum Committee	2014-2017

Courses Taught

University of Utah

Culture & the Human Experience	Spring 2023, 2022, 2021, 2020, 2019, 2017, 2016, 2015 Fall 2022, 2021, 2020, 2019, 2018, 2017, 2016, 2015
Human Ecology	Spring 2021, 2020, 2019, 2016, 2015
Peoples & Cultures of Latin America	Fall 2021, 2019, 2017, 2016
Friendship & Social Networks	Fall 2018, 2015
Culture, Ecology, & Sustainability Field School	Summer 2019, 2022

University of Missouri

Anthropology of Friendship	Spring 2014
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Oregon State University

Statistical Applications in Anthropology	Fall 2012
Economic Anthropology	Spring 2012
Anthropology in Practice	Spring 2012
Human Evolution	Winter 2012
Peoples of the World: Latin America	Winter 2012
Ecological Anthropology	Fall 2012, 2011
Intro. To Biological Anthropology	Fall 2012, 2011
Biological & Cultural Constructions of Race	Spring 2012 Winter 2012 Fall 2011

Washington State University

Gender in a Cross-Cultural Perspective	Spring 2011 Fall 2010
Peoples of the World	Spring 2011 Fall 2010
Anthropology & World Problems	Spring 2011
Cultural Ecology	Fall 2010

Graduate Student Mentoring

Primary Advisor

- Ph.D. Program: Emily Post (Anthropology, completed 2022)
Blanca Yagüe (Anthropology)
M.A. Program: Anahi Yerman (Anthropology)
Connor Davis (Anthropology)
Emily Post (Anthropology, completed 2018)

Secondary Advisor

- Ph.D. Program: Angelina DeMarco (Anthropology)
Jessica Burns (Anthropology)
Kenneth Blake Vernon (Anthropology, completed 2022)
Joyita Chowdhury (Economics, completed 2019)
M.A. Program: Olivera Masters (Anthropology)
Tori Maxwell (Mining & Engineering)
Casey Smith (Latin American Studies)
Christine Schulz (Latin American Studies, completed 2022),
Timothy Schoof (Public Policy, completed 2022),
Rusty Keele (Anthropology, completed 2018)

Undergraduate Student Mentoring

Undergraduate Research Opportunity Program

- Spring 2023: Isabelle Forrest
Fall 2022: Isabelle Forrest, Martha Werner
Spring 2022: Anahi Yerman, Isabelle Fernandez
Fall 2021: Emily Davidge, Blessing Heerlis, Anahi Yerman
Summer 2021: Isabelle Fernandez
Spring 2021: Abigail Gerber, Emily Davidge, Bailey Smith, Ema Valverde
Fall 2020: Connor Davis, Erin Doyle, Andrea Uehling
Spring 2020: Rachel Coy (Monson Prize Winner), Connor Davis (Dee Family Foundation Awardee), Izabella Bourland, Savanna Kapp, Andrea Uehling, Lauren Hainsworth, Jaime Nakano
Fall 2019: Connor Davis, Cole Thorpe, Izabella Bourland, Savannah Kapp
Spring 2019: Evan Taylor (Francis Family Foundation Scholarship), Rachel Coy, Maddison Barker, Thomas Brown, Allison Mervin
Fall 2018: Evan Taylor, Allison Mervin
Spring 2018: Evan Taylor
Spring 2017: Alexa Sime

Professional Service

Contributing Editor: Human Nature

National Science Foundation (NSF) Panelist

Ad Hoc Reviewer

PNAS, Scientific Reports, Evolutionary Human Sciences, PLOS ONE, Current Biology, Science Advances, Current Anthropology, Journal of Economic Behavior & Organization, Journal of Bioeconomics, American Anthropologist, Evolution & Human Behavior,

Behavioral Ecology & Sociobiology, Evolutionary Psychology, BioScience.

Professional Societies

Santa Fe Institute Working Group on Inequality, University of Utah Archaeological Center

Professional Development

2017	Center for Teaching and Learning Faculty Boot Camp.	University of Utah
2016	Wasatch Experience.	University of Utah
2012	National Science Foundation's Short Course on Research Methods: Social Network Analysis.	Duke University Marine Lab
2011	Difference, Power, & Discrimination.	Oregon State University

Synergistic Activities

2022	Policy Portfolio: Haa'jiih k'o? A Summary of Firewood Research and Recommendations	Utah Dine Bikeyah & University of Utah
2020	Scientific Advisory Board	Museo del Vaquero BCS, Mexico
2020	Economic Network Dynamics of Wealth & Inequality	Santa Fe Institute
2019	Reorganizing Social Organization	Max Planck Institute for Evolutionary Anthropology
2018	Dynamics of Networks & Inequality	Santa Fe Institute
2015	Investigative Workshop: Evolution of Warfare	NIMBios & University of Tennessee
2013	Catalysis Meeting: Synthesizing the Evolutionary & Social Science Approaches to Human Cooperation	NESCent & Duke University
2013	Network Structure, Political Hierarchy & Economic Inequality	Santa Fe Institute