

Robert S Walker
University of Missouri Columbia MO
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Websites:     

EDUCATION

2004 PhD with distinction, Anthropology, University of New Mexico
2001 MS with distinction, Anthropology, University of New Mexico
1998 BA magna cum laude, Anthropology, Colorado State University

EMPLOYMENT (5 universities)

2025 Professor of Anthropology, University of Missouri
2024 Affiliated Faculty, Center for Applied Statistics and Data Analysis, University of Missouri
2015 Associate Professor of Anthropology, University of Missouri
2009 Assistant Professor of Anthropology, University of Missouri
2008 Postdoctoral researcher, Max Planck Institute for Evolutionary Anthropology
2007 Research Professor of Anthropology, University of Colorado Denver
2006 Lecturer, Anthropology, University of New Mexico
2005 Lecturer, Anthropology, University of California Santa Barbara

GRANTS, FELLOWSHIPS & AWARDS (*n* = 31, \$677k)

2026 MU Arts, Social Science, and Humanities [Program](#) 5 years \$82k
• MU Big Ideas Initiative AI in Archaeology \$75k
2025 Fulbright Scholar [Award](#) Brazil, 2 years \$23k
• MU Research Council Grant Resilience of isolated Indigenous populations \$15k
• MU Mid-Career Research Development Fellow \$8k
2024 Ellen and Charles [Steinmetz](#) Endowment, [Archaeological](#) Institute of America \$9k
• MU Center for Humanities Grants \$25k
• MU Arts & Humanities Research and Creative Works Fellow \$13k
• MU Generative AI Learning Labs \$400
2023 [PaleoWest](#) Foundation Research Grant Award \$5k
• MU Research Council Grant Detecting Amazonian geoglyphs \$15k
• MU Arts & Science Writing Fellow \$7k
2017 MU retention package \$100k
2016 MU Research Council Grant Guajajara Guardians in Eastern Amazonia \$10k
2015 National Geographic Society Research Grant #9764-15 Aché co-father relationships \$20k
• MU Research Board Grant Remote sensing uncontacted Indigenous villages \$25k
• MU Provost Outstanding Junior Faculty Research Award \$1k
2014 MU Research Council Grant Remote sensing uncontacted Indigenous villages \$9k
• MU Richard Wallace Faculty Incentive Grant Remote sensing in Amazonia \$4k
2013 National Geographic Society Research Grant #9165-12 Population dynamics of recently contacted and isolated Indigenous populations in Brazil \$20k
2012 RocketHub SciFund Challenge Shrinking horizons: Preserving humans' homes \$3k
2011 MU Research Board Grant Alloparental kin investment in Brazil \$34k

- Richard Wallace Faculty Incentive Grant Partible paternity in Brazil \$2k
- 2007 Leakey Foundation General Research Grant Growth & life history of the Hiwi \$12k
- 2005 Leakey Foundation General Research Grant Visual evoked potentials of the Aché \$12k
- 2003 Wenner-Gren Foundation Dissertation Research Grant #694 Makú skill investment \$15k
- NSF Doctoral Dissertation Improvement Grant \$10k
 - Leakey Foundation General Research Grant \$12k
- 2002 UNM research and travel grants \$5k
- 2001 NSF Graduate Research Fellow 3 years \$72k
- 1999 UNM Lewis Binford Graduate Fellow 3 years \$36k

PUBLICATIONS ($n = 98$, $h = 36$, citations = 7k+)

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- nd Hamilton MJ, B Buchanan, RS Walker. More is different in cultural evolution.
- Hamilton MJ, B Buchanan, RS Walker, M Collard, N Gala. Niche construction mediates the adaptive role of technological complexity in human societies
- 2026 Eren MI, MR Bebbler, RS Walker, CR Johnson, B Buchanan. Late Pleistocene Clovis atlatl hunting fails a chronological modeling test. *Proceedings of the National Academy of Sciences* 123:e2607964123
- Buchanan B, MJ Hamilton, MI Eren, RS Walker. Rapid adoption of bow technology across western North America ~1,400 years ago. *PNAS Nexus* 5:pgag040
 - Buchanan B, MJ Hamilton, RS Walker. A better regional classification model for detecting the origin of the bow in the Great Basin. *American Antiquity*
 - Hamilton MJ, RS Walker. Demographic synchrony increases volatility and extinction risk in human populations. *Cambridge Prisms: Extinctions* 4:e8
 - McKinny S, J Taylor, J Baldino, M Wilson, B Buchanan, RS Walker, B Story, C Chen, J Pargeter, MI Eren. Stone tip cross-sectional geometry contributes to thrusting spear performance. *PaleoAnthropology* 1:26-45
 - Eren MI, SJ Lycett, MR Bebbler, A Key, B Buchanan, J Benson, RB Gürbüz, A Cebeiro, E Finestone, R Garba, A Grunow, CO Lovejoy, D MacDonald, E Maletic, GL Miller, JD Ortiz, J Paige, J Pargeter, T Proffitt, MA Raghanti, T Riley, JI Rose, D Singer, RS Walker. What can lithics tell us about hominin technology's 'primordial soup'? An origin of stone knapping via the emulation of Mother Nature. *Archaeometry* 68:S8–S30
- 2025 Hamilton MJ, J Lobo, M Collard, RS Walker, B Buchanan. Technological complexity and combinatorial invention in small-scale societies. *Science Advances* 11:6153
- Clark K, RS Walker. Iban kinship and cooperation: A test of the ancestor-descendant conflict model. *Human Nature* 36:1-21
 - Hamilton MJ, B Buchanan, RS Walker. Rapoport's rule and the biogeography of cultural diversity across North America over 13,000 years. *Journal of Archaeological Science: Reports* 64:105157
 - Buchanan B, MJ Hamilton, RS Walker. A new method for classifying dart and arrow projectile points. *American Antiquity*
 - Rose JI, Y Hilbert, V Usyk, MR Bebbler, A Beshkani, B Buchanan, J Cascalheira, D Chlachula, R Dellmour, MI Eren, R Garba, E Hallinan, L Li, RS Walker, A Marks. Mapping lateral stratigraphy at Palaeolithic surface sites: a case study from Dhofar, Oman. *Journal of Archaeological Science* 173:106117

- Paige J, RS Walker, B Buchanan, A Key, J Romans, MI Eren. Elliptical Fourier analysis of bullet ricochet impact site plan-view shape in concrete. *Forensic Sciences Research* 10
- Khresat H, B Vanderheyden, B Buchanan, RS Walker, M Wilson, M Bebbber, MI Eren, B Story. North American Clovis point form and performance VI: An experimental assessment of atlatl dart and javelin oscillation frequency and shaft spine. *Lithic Technology* 1-16
- Paige J, RS Walker, B Buchanan, R Berg, C Berg, C Gibling, J Baldino, S McKinny, MI Eren, MR Bebbber. Copper- versus stone-tipped dart relative functional efficiency: an experiment assessing penetration depth utilizing human atlatlists and hog carcasses. In *From Hard Rock to Heavy Metal*, eds. MR Bebbber, C Wolff. Berghahn, NY
- Samuels AG, DH Holly, MR Bebbber, MI Eren, S McKinny, B Buchanan, J Paige, RS Walker, CB Wolff. Experimental archaeology on the introduction of European raw materials in Indigenous technology: A case study on the Beothuk of Newfoundland, Canada. In *From Hard Rock to Heavy Metal*, eds. MR Bebbber, C Wolff. Berghahn, NY
- 2024 Walker RS, J Paige. Modeling the social drivers of environmental sustainability among Amazonian indigenous lands using Bayesian networks. *PLoS ONE* 19:e0297501
- Hamilton MJ, RS Walker, B Buchanan. Institutional complexity emerges from socioecological complexity in small-scale human societies. *Proceedings of the Royal Society of London B* 291: 20240246
- Aung T, A Hill, J Hlay, C Hess, M Hess, J Johnson, L Doll, I González-Santoyo, RS Walker, D Bailey, K Douglass, S Arnocky, S Kamble, T Vardy, T Kyritsis, Q Atkinson, B Jones, J Koster, G Palomo-Vélez, J Tybur, J Muñoz-Reyes, B Cheng, N Li, A Langenhoff, K Verena, C Batres, P Bascheck, C Schild, L Penke, F Pazhoohi, K Kemirembe, JV Valentova, M Varella, M Borrás-Guevara, C Hodges-Simeon, M Ernst, C Garr, B Chen, D Puts. Effects of voice pitch on social perceptions vary with relational mobility and homicide rate. *Psychological Science* 35:250-262
- Hamilton MJ, B Buchanan, J Lobo, RS Walker. Food storage, mobility, and the density-dependence of hunter-gatherer movement ecology. *Journal of Archaeological Science: Reports* 54:104441
- Zhou A, F Wang, RS Walker, M Sturm, A Nalmas, S Murrell. VR reconstruction of Amazonian geoglyphs using LiDAR data. *IEEE Conference on VR and 3D User Interfaces* 2024:993-4
- Bebbber MR, NC Kim, S Tripoli, R Quick, B Buchanan, RS Walker, J Paige, J Baldino, S McKinny, J Taylor, MI Eren. The gravity of Paleolithic hunting. *Journal of Archaeological Science: Reports* 59:104785
- Buchanan, B, MJ Hamilton, N Gala, H Smith, M Wilson, MI Eren, RS Walker. Comparing Clovis and Folsom fluting via scaling analysis. *Archaeometry* 66:266-281
- Eren MI, J Romans, RS Walker, B Buchanan, A Key. Bullet ricochet mark plan-view morphology in concrete: an experimental assessment of five bullet types and two distances using machine learning. *Forensic Sciences Research* 9:1-10
- Baldino J, S McKinny, J Taylor, M Wilson, B Buchanan, RS Walker, B Story, MR Bebbber, MI Eren. North American Clovis point form and performance V: An experimental assessment of spear thrusting penetration and entry wound size. *Lithic Tech* 49:295-310
- 2023 Walker RS, MV Flinn, SP Prall, MJ Hamilton. Remote sensing evidence for population growth of isolated indigenous societies in [Amazonia](#). *Scientific Reports* 13:22448

- Walker RS, JR Ferguson, A Olmeda, MJ Hamilton, J Elghammer, B Buchanan. Predicting the geographic distribution of ancient Amazonian archaeological sites with machine learning. *PeerJ* 11:e15137
- Bebber MR, B Buchanan, MI Eren, RS Walker, D Zirkle. Atlatl use equalizes female and male projectile weapon velocity. *Scientific Reports* 13:13349
- Mika A, J Lierenz, A Smith, B Buchanan, RS Walker, MI Eren, MR Bebber, A Key. Hafted technologies reduced stone tool-related selective pressures acting on the hominin hand. *Scientific Reports* 13:15582
- Mullen D, J Sitton, B Story, B Buchanan, RS Walker, MI Eren, MR Bebber. Comparison of four ballistic and thrusting target materials: An experimental and Bayesian approach using static testing of stone and steel arrow tips. *Archaeometry* 65:1108-1124
- Conrad G, S Hough, J Baldino, N Gala, B Buchanan, RS Walker, A Key, B Redmond, MR Bebber, MI Eren. Clovis bone versus stone weapon tip penetration: thinking about relative costs and benefits, experimental assumptions, and archaeological unknowns at Sheriden Cave, Ohio, U.S.A. *Journal of Archaeological Science: Reports* 52:104295
- 2022 Mika A, B Buchanan, RS Walker, AJM Key, B Story, MR Bebber, MI Eren. North American Clovis point form and performance III: an experimental assessment of knife cutting efficiency. *Lithic Tech* 47:203-220
- Buchanan B, RS Walker, MJ Hamilton, B Story, M Bebber, D Wilcox, MI Eren. Experimental assessment of lanceolate projectile point and haft robustness. *Journal of Archaeological Science: Reports* 42:103399
- Lewis A, J Williams, B Buchanan, RS Walker, M Bebber, MI Eren. Knapping quality of local versus exotic Upper Mercer chert (Ohio, U.S.A.) during the Holocene. *Geoarchaeology* 37:486-496
- Eren MI, L Mukusha, J Lierenz, M Wilson, M Fisch, T True, M Kavaulic, RS Walker, B Buchanan, AJM Key, MR Bebber. Another tool in the experimental toolbox: On the use of aluminum as a substitute for chert in North American prehistoric ballistics research and beyond. *North American Archaeologist* 43:151-176
- Gala N, A Mika, M Wilson, J Williams, B Buchanan, RS Walker, M Bebber, MI Eren. Experimental assessment of obsidian versus chert lanceolate projectile point durability and robusticity: semi-static fracture strength and dynamic impact. *Archaeometry* 64:1307-1324
- 2021 Walker RS. Cultural phylogenetics in lowland South America, in *Language Dispersal, Diversification, and Contact: A Global Perspective*. Eds M Crevels & P Muysken. Oxford University Press, 291-300
- 2020 Hamilton MJ, RS Walker, C Kempes. Diversity begets diversity in human cultures and mammal species. *Scientific Reports* 10:19654
- Hamilton MJ, RS Walker, B Buchanan, DS Sandeford. Scaling human sociopolitical complexity. *PLoS ONE* 15:e0234615
- Eren MI, B Story, A Perrone, M Bebber, MJ Hamilton, RS Walker, B Buchanan. North American Clovis point form and function: An experimental assessment of penetration depth. *Lithic Tech* 45:263-282
- 2019 Walker RS, MJ Hamilton. Machine learning with remote sensing data to locate uncontacted indigenous villages in Amazonia. *PeerJ Computer Science* 5:e170
- Hamilton MJ, RS Walker. Nonlinear diversification rates of linguistic phylogenies over the Holocene. *PLoS ONE* 14:e0213126

- Hamilton MJ, RS Walker, B Buchanan. Spatiotemporal diversification of projectile point types in North America over 13,000 years. *Journal of Archaeological Science: Reports* 24:486-495
- 2018 Hamilton MJ, B Buchanan, RS Walker. Scaling the size, structure, and dynamics of residentially mobile hunter-gatherer camps. *American Antiquity* 83:701-720
- Hamilton MJ, RS Walker. A stochastic density-dependent model of long-term population dynamics in hunter-gatherer populations. *Evolutionary Ecology Research* 19:85-102
- 2017 Beckerman S, M Lizarralde, DM Peluso, C Yvinec, N Harris, D Parker, RS Walker, KR Hill. Partible paternity, the secondary sex ratio and a possible Trivers-Willard effect. *Current Anthropology* 58:540-543
- 2016 Walker RS, DC Kesler, KR Hill. Are isolated indigenous populations headed toward extinction? *PLoS ONE* 11:e0150987
- Puts DA, AK Hill, DH Bailey, RS Walker, D Rendall, JR Wheatley, LLM Welling, K Dawood, R Cárdenas, RP Burriss, NG Jablonski, MD Shriver, D Weiss, AR Lameira, CL Apicella, MJ Owren, C Barelli, ME Glenn, G Ramos-Fernandez. Sexual selection on male vocal fundamental frequency in humans and other anthropoids. *Proceedings of the Royal Society of London B* 283:20152830
- De Vynck JC, R Anderson, C Atwater, RM Cowling, EC Fisher, CW Marean, RS Walker, KR Hill. Return rates from intertidal foraging from Blombos Cave to Pinnacle Point: understanding early human economies. *Journal of Human Evolution* 92:101-115
- Ellsworth RM, DH Bailey, MK Shenk, RS Walker. Comparative study of reproductive skew and pair-bond stability using genealogies from 80 small-scale human societies. *American Journal of Human Biology* 28:335-342
- 2015 Walker RS, KR Hill. Protecting isolated tribes. *Science* 348:1061
- Walker RS, L Sattenspiel, KR Hill. [Mortality](#) from contact-related epidemics among indigenous populations in Greater Amazonia. *Scientific Reports* 5:14032
- Kesler DC, RS Walker. Geographic distribution of isolated indigenous societies in Amazonia and the efficacy of indigenous territories. *PLoS ONE* 10:e0125113
- Walker RS, C Yvinec, RM Ellsworth, DH Bailey. Co-father relationships among the Suruí (Paite) of Brazil. *PeerJ* 3:e899
- Ellsworth RM, RS Walker. Sociobiology of lethal violence in small-scale societies, in *Routledge Handbook of Biosocial Criminology*. Eds DeLisi & Vaughn. Routledge, 57-74
- Walker RS. Human residence patterns, in *Emerging Trends in the Social and Behavioral Sciences*. Eds R Scott & S Kosslyn. Wiley, 1-8
- Walker RS. Evolution of culture, in *Basics in Human Evolution*. Ed MP Muehlenbein. Academic Press, 525-531
- 2014 Walker RS, MJ Hamilton, AA Groth. Remote sensing and conservation of [isolated indigenous villages](#) in Amazonia. *Royal Society Open Science* 1:140246
- Macfarlan SJ, RS Walker, MV Flinn, NA Chagnon. Lethal coalitionary aggression and long-term alliances among Yanomamö men. *Proceedings of the National Academy of Sciences* 111:16662-16669
- Walker RS. Amazonian horticulturalists live in larger, more related groups than hunter-gatherers. *Evolution & Human Behavior* 35:384-388
- Ellsworth RM, DH Bailey, KR Hill, AM Hurtado, RS Walker. Relatedness, co-residence, and shared fatherhood among Ache foragers of Paraguay. *Current Anth* 55:647-653

- Walker RS, MJ Hamilton. Amazonian societies on the brink of extinction. *American Journal of Human Biology* 26:570-572
 - Walker RS, DH Bailey. Marrying kin in small-scale societies. *American Journal of Human Biology* 26:384-388
 - Walker RS, KR Hill. Causes, consequences, and kin bias of human group fissions. *Human Nature* 25:465-475
 - Bailey DH, KR Hill, Walker RS. Fitness consequences of spousal relatedness in 46 small-scale societies. *Biology Letters* 10:20140160
 - Hamilton MJ, RS Walker, DC Kesler. Crash and rebound of indigenous populations in lowland South America. *Scientific Reports* 4:4541
 - Ellsworth RM, RS Walker. Integrating approaches to human uniqueness. *Current Anthropology* 55:768-769
- 2013 Walker RS, S Beckerman, MV Flinn, M Gurven, CR von Rueden, KL Kramer, RD Greaves, L Córdoba, D Villar, EH Hagen, JM Koster, L Sugiyama, TE Hunter, KR Hill. Living with kin in lowland horticultural societies. *Current Anthropology* 54:96-103
- Walker RS, DH Bailey. [Body counts](#) in lowland South American violence. *Evolution & Human Behavior* 34:29-34
 - Bailey DH, RS Walker, GE Blomquist, KR Hill, AM Hurtado, DC Geary. Heritability and fitness correlates of personality in the Ache, a natural-fertility population in Paraguay. *PLoS ONE* 8:e59325
- 2012 Walker RS, S Wichmann, T Mailund, CJ Atkisson. Cultural phylogenetics of the Tupí language family in lowland South America. *PLoS ONE* 7:e35025
- Bailey DH, MJ Hamilton, RS Walker. Latitude, population size, and the language-farming dispersal hypothesis. *Evolutionary Ecology Research* 14:1057-1067
 - Hamilton MJ, O Burger, RS Walker. Human Ecology, in *Metabolic Ecology: A Scaling Approach*. Eds RM Sibly, A Kodric-Brown & JH Brown. Wiley & Sons, 248-257
- 2011 Hill K, RS Walker, M Bozicevic, J Eder, T Headland, B Hewlett, AM Hurtado, F Marlowe, P Wiessner, B Wood. [Co-residence patterns](#) in hunter-gatherer societies show unique human social structure. *Science* 331:1286-1289
- Wichmann S, EW Holman, T Rama, RS Walker. Correlates of reticulation in linguistic phylogenies. *Language Dynamics & Change* 1:205-240
 - Walker RS, KR Hill, MV Flinn, RM Ellsworth. Evolutionary history of hunter-gatherer marriage practices. *PLoS ONE* 6:e19066
 - Walker RS, LA Ribeiro. Bayesian phylogeography of the Arawak expansion in lowland South America. *Proceedings of the Royal Society of London B* 278:2562-2567
 - Walker RS, MJ Hamilton. Social complexity and linguistic diversity in Austronesian and Bantu population expansions. *Proceedings Royal Society of London B* 278:1399-1404
 - Hogg RT, RS Walker. Life-history correlates of enamel microstructure in Cebidae (Platyrrhini, Primates). *Anatomical Record* 294:2193-2206
 - Gawlik A, RS Walker, Z Hochberg. Impact of infancy duration on adult size in 22 subsistence-based societies. *Acta Paediatrica* 100:e248-e252
 - Hochberg Z, A Gawlik, RS Walker. Evolutionary fitness as a function of pubertal age in 22 subsistence-based traditional societies. *Pediatric Endocrinology* 2011:2
- 2010 Walker RS, MV Flinn, KR Hill. Evolutionary history of [partible paternity](#) in lowland South America. *Proceedings of the National Academy of Sciences* 107:19195-19200

- Burger O, RS Walker, MJ Hamilton. Lifetime reproductive effort in humans. *Proceedings of the Royal Society of London B* 277:773-777
- 2009 Hamilton MJ, O Burger, JP DeLong, RS Walker, M Moses, JH Brown. Population stability, cooperation and the invasibility of the human species. *Proceedings of the National Academy of Sciences* 106:12255-12260
- 2008 Walker RS, M Gurven, O Burger, MJ Hamilton. Trade-off between number and size of offspring in humans and other primates. *Proceedings of the Royal Society of London B* 275:827-833
- Walker RS, MJ Hamilton. Life history consequences of density dependence and the evolution of human body sizes. *Current Anthropology* 49:115-122
- 2007 Hamilton MJ, BT Milne, RS Walker, O Burger, JH Brown. Complex structure of hunter-gatherer social networks. *Proceedings of the Royal Society of London B* 274:2195-2202
- Hamilton MJ, BT Milne, RS Walker, JH Brown. Nonlinear scaling of space use in human hunter-gatherers. *Proceedings of the National Academy of Sciences* 104:4765-4769
- Hill K, AM Hurtado, RS Walker. High adult mortality among Hiwi hunter-gatherers: Implications for human evolution. *Journal of Human Evolution* 52:443-454
- 2006 Walker RS, O Burger, J Wagner, CR von Rueden. Evolution of brain size and juvenile periods in primates. *Journal of Human Evolution* 51:480-489
- Walker RS, M Gurven, K Hill, A Migliano, NA Chagnon, R De Souza, G Djurovic, R Hames, AM Hurtado, H Kaplan, K Kramer, WJ Oliver, C Valeggia, T Yamauchi. Growth rates and life histories in twenty-two small-scale societies. *American Journal of Human Biology* 18:295-311
- Walker RS, K Hill, O Burger, AM Hurtado. Life in the slow lane revisited: Ontogenetic separation between chimpanzees and humans. *American Journal of Physical Anthropology* 129:577-583
- Gurven M, RS Walker. Energetic demand of multiple dependents and the evolution of slow human growth. *Proceedings of the Royal Society of London B* 273:835-841
- 2005 Burger O, M Hamilton, RS Walker. Prey as patch model: A marginal gains curve for vertebrate prey. *Journal of Archaeological Science* 32:1147-1158
- 2003 Walker RS, KR Hill. Modeling growth and senescence in physical performance among the Ache of Eastern Paraguay. *American Journal of Human Biology* 15:196-208
- 2002 Walker RS, KR Hill, H Kaplan, G MacMillan. Age-dependency in hunting ability among the Ache of Eastern Paraguay. *Journal of Human Evolution* 42:639-657
- 2001 Todd LC, DC Jones, RS Walker, P Burnett, J Eighmy. Late archaic bison hunters in Northern Colorado: 1997-1999 Excavations at the Kaplan-Hoover Bison Bonebed. *Plains Anthropologist* 46:125-147

TEACHING (4 universities, 13+ different courses)

-
- 2009 Data Science with R/Python, Comparative Methods, Cultures of Amazonia, Coding Culture, Cultural Evolution, Anthropology of War (MU)
 - 2007 Biological Anthropology, Human Behavior (CU Denver)
 - 2006 Human Biology, Human Lifecourse, Human Evolutionary Ecology (UNM)
 - 2005 Human Growth & Development (UCSB)

INVITED PRESENTATIONS (n = 32)

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- 2025 Last of the world's uncontacted tribes. MU Quantitative Psychology
2023 Detection of ancient Amazonian geoglyphs. MU AI/Machine Learning Forum
2018 Last of the world's uncontacted tribes. Miami
2017 Mysteries of the Missing documentary starring Terry O'Quinn (Season 1, Episode 7B)
• Multiple fathers in lowland South America. Miami
2016 Last of the world's uncontacted tribes. Baylor
2015 Body counts in lowland South American violence. [NIMBioS](#)
• Last of the world's [uncontacted tribes](#). MU Saturday Morning Science
2014 Remote sensing uncontacted indigenous villages in Amazonia. UNLV
• Uniqueness of human social structure. Leipzig
• Remote sensing uncontacted indigenous villages in Amazonia. ASU
• Multiple fathers in lowland South America. University of Kent
• Extensive versus intensive human kinship systems. Penn State
2013 [Multiple fathers](#) in lowland South America. MU Life Sciences and Society
2012 Cultural phylogenetics in lowland South America. Amsterdam
• Body counts in Amazonian violence. UNM
• Living with kin in traditional human societies. Penn State
2011 Mode & tempo of human cultural evolution. Yale
2010 Evolutionary history of partible paternity. Yale
• Cultural variation in the Amazon. Missouri Southern State
2009 Lifetime reproductive effort in humans. Washington University
2008 Human life history from a comparative perspective. UNM
• Number & size tradeoff of offspring in humans & other animals. UNM
• Life-history theory of small & large body size in hunter-gatherers. ASU
2007 Age uncertainty & comparative human life history. Leipzig/Rostock
• Human life history from a comparative perspective. UCLA
• Trade-off between number & size of offspring. William & Mary
• Density dependence & human life history evolution. Philadelphia
2006 Density dependence in the evolution of hunter-gatherer body sizes. Philadelphia
• Activity patterns & health of Aché hunter-gatherers. Denver
• Are there two human ontogenies? Anchorage
2005 Unique human life history. UNM

FIELDWORK (56 months)

- 2025 Fulbright scholar Brazil 2 months
• Archaeological fieldwork New Mexico 3 weeks
2024 Fulbright scholar Brazil 2 months
• Archaeological fieldwork New Mexico 3 weeks
2023 Geoglyph survey Brazil 1 month
• Archaeological fieldwork New Mexico 2 weeks
2016 Indigenous protection of forests with Guajajara Guardians Brazil 3 months
2013 Population dynamics of indigenous populations Brazil 2 months
2011 Alloparental kin investment & reproductive strategies Brazil 6 months
2010 Aché personality research Paraguay 2 months

2009 Cultural & linguistic variation in lowland South America 6 months
2006 Trio & Wayana demography Brazil & Suriname 3 months
2005 Visual evoked potentials & electroencephalography with Aché Paraguay 2 months
2002 Makú growth & life history Brazil 6 months
2000 Aché age-specific hunting ability Paraguay 4 months
1999 Hudson-Meng Bison Bonebed archaeological excavations Nebraska 3 months
1998 Kaplan-Hoover Bison Bonebed archaeological excavations Colorado 12 months