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EMPLOYMENT HISTORY

2024-	Professor, SBS Department, TSE and IAST
2023-	Scientific Director, SBS Department and IAST
2022-	Senior Research Associate, Economic Science Institute, Chapman University
2020-2024	Associate Professor, TSE and IAST
2017-2019	Assistant Professor, TSE and IAST
2015-2016	Research Fellow, IAST
2015-2022	Research Scientist, Department of Anthropology, University of New Mexico (UNM)
2010-2014	National Institutes of Health (NIH) Postdoctoral Scholar, UNM Anthropology

EDUCATIONAL BACKGROUND

2009	UNM, PhD in Anthropology (with distinction)
2006	UNM, MS in Anthropology (with distinction)
2003	Rutgers College, BS in Evolutionary Anthropology (joint BA in Philosophy)

PROFESSIONAL SPECIALIZATION

- Evolutionary medicine; human health and aging
 - Human behavioral ecology; life history theory; bio-demography
 - Evolution of the family; sexual cooperation and conflict
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PUBLICATIONS

Peer-reviewed research articles

Schniter E, Cummings D, Hooper P, **Stieglitz J**, Trumble B, Kaplan H, Gurven M (2024). Who helps Tsimane youth? *Hunter Gatherer Research* 9(3-4):287-322.

Stieglitz J. (2024). Contemporary small-scale subsistence populations offer unique insights into human musculoskeletal health and aging. *Science Advances* 10(45): eadq1039. doi:10.1126/sciadv.adq1039

Gurven M, Buoro Y, Eid D, Sayre K, Trumble B, Pyhälä A, Kaplan H, Angelsen A, **Stieglitz J***, Reyes-García V* (2024). Subjective well-being across the life course among non-industrialized populations. ***Contributed equally.** *Science Advances* 10(43):eado0952. doi:10.1126/sciadv.ado0952

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Dalzero A, Beheim B, Kaplan H, **Stieglitz J**, Hooper P, Ross C., Gurven M., Lukas D. (2024). Cross-cousin marriage among Tsimane forager-horticulturalists during demographic transition and market integration. *Evolutionary Human Sciences* 6:e18. doi: 10.1017/ehs.2024.11

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Trumble B, Schwartz M, Ozga A, Schwartz G, Stojanowski C, Jenkins C, Kraft T, Garcia A, Cummings D, Hooper P, Eid D, Buetow K, Beheim B, Irimia A, Thomas G, Thompson R, Gatz M, **Stieglitz J**, Finch C, Gurven M, Kaplan H. (2024). Poor oral health is associated with inflammation, aortic valve calcification, and brain volume among forager-farmers. *The Journal of Gerontology: Biological Sciences*: Jan 31:glae013. doi: 10.1093/gerona/glae013.

Scaff C, Casillas M, **Stieglitz J***, Cristia A*. (2023). Daylong audio recordings of young children in a forager-farmer society show low levels of verbal input with minimal age-related change. *Infancy*: 1-20. <https://doi.org/10.1111/infa.12568> *Joint senior authors.

Trumble B, Negrey J, Koebel S, Thompson R, Wann S, Allam A, Beheim B, Sutherland M, Sutherland J, Eid D, Michalik D, Rowan C, Lombardi G, Garcia A, Cummings D, Seabright E, Alami S, Kraft T, Hooper P, Buetow K, Irimia A, Gatz M, **Stieglitz J***, Gurven M*, Kaplan H*, Thomas G*. (2023). Testosterone is positively associated with coronary artery calcium in a low cardiovascular disease risk population. *Evolution, Medicine, and Public Health*. doi: 10.1093/emph/eoad039. *Joint senior authors.

Caldwell A, Cummings D, Hooper P, Trumble B, Gurven M, **Stieglitz J**, Davis H, Kaplan H. (2023). Physical activity, sedentary behavior and pubertal maturation among Tsimane children and adolescents. *Proceedings of the Royal Society B* 290(2010): 20231764. doi:10.1098/rspb.2023.1764

Kraft T, Seabright E, Alami S, Jenness S, Hooper P, Beheim B, Davis H, Cummings D, Eid D, Gutierrez M, Miner E, de Lamballerie X, Inchauste L, Priet S, Trumble B, **Stieglitz J**, Kaplan H, Gurven M. (2023) Metapopulation dynamics of SARS-CoV-2 transmission in a small-scale Amazonian society. *PLoS Biology* 21(8): e3002108. <https://doi.org/10.1371/journal.pbio.3002108>

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Trumble B, Pontzer H, **Stieglitz J**, Cummings D, Wood B, Emery Thompson M, Raichlen D, Beheim B, Yetish G, Kaplan H, Gurven M. (2023). Energetic costs of testosterone in two subsistence populations. *American Journal of Human Biology* e23949.

Alger I, Dridl S, **Stieglitz J**, Wilson M. (2023). The evolution of early hominin food production and sharing. *Proceedings of the National Academy of Sciences* 120(25):e2218096120.

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industrial South American populations. *Proceedings of the National Academy of Sciences* 120(13):e2205448120.

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Garcia A, Finch C, Gatz M, Kraft T, Cummings D, Charifson M, Eid D, Buetow K, Beheim B, Allayee H, HORUS Study Team, **Stieglitz J**, Gurven M, Kaplan H, Trumble B. (2021). APOE4 is associated with elevated blood lipids and reduced innate immune function in an Amerindian population with high pathogen exposure. *eLife* 10:e68231.

Jaeggi A, Blackwell A, von Rueden C, Trumble B, **Stieglitz J**, Kaplan H, Gurven M. (2021). Do wealth and inequality associate with health in a small-scale subsistence society? *eLife* 10:e59437.

Gans B, Neunuebel A, Umbarger L, Trumble B, Cummings D, Wann LS, Lehenbauer K, Mahadev A, Eid D, Michalik D, Rowan C, Finch C, Sutherland M, Sutherland J, Allam A, **Stieglitz J**, Gurven M, Kaplan H,

Thomas G, Thompson R. (2021). High Prevalence of Sternal Foramina in Indigenous Bolivians Compared to Midwest Americans and Indigenous North Americans. *Anatomical Science International* 96(4):517-523.

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Kaplan H, Trumble, B, **Stieglitz J**, Mendez R, Gutierrez M, Maito L, Alami S, Kraft T, Quispe R, Copajira J, Thompson R, Thomas G, Michalik D, Eid D, Gurven M. (2020). Voluntary collective isolation as a best response to COVID-19 for indigenous populations? A case study and protocol from the Bolivian Amazon. *The Lancet* 395(10238): 1727-1734.

Alger I, Hooper P, Cox D, **Stieglitz J**, Kaplan H. (2020). Paternal provisioning results from ecological change. *Proceedings of the National Academy of Sciences* 117(20): 10746-10754.

Alami S, von Rueden C, Seabright E, Kraft T, Blackwell A, **Stieglitz J**, Kaplan H, Gurven M. (2020). Mother's social status is associated with child health in a horticulturalist population. *Proceedings of the Royal Society B* 287(1922): 20192783.

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Kraft T, **Stieglitz J**, Trumble B, Martin M, Kaplan H, Gurven M. (2018). Nutrition transition in two lowland Bolivian subsistence populations. *American Journal of Clinical Nutrition* 108(6):1183-1195.

Stieglitz J, Trumble B, Kaplan H, Gurven M. (2018). Marital violence and fertility in a relatively egalitarian high fertility population. *Nature Human Behaviour* 2(8):565-572.

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Book chapters

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Stieglitz J., Jaeggi AV, Blackwell AD, Trumble BT, Gurven M, Kaplan H. (2014). Work to live and live to work: Productivity, transfers, and psychological well-being in adulthood and old age. In: *Sociality, Hierarchy, and Health: comparative biodemography* (Editors M. Weinstein, M. Lane). Committee on Population of the National Research Council, Washington DC, National Academies Press: 197 – 221.

Letters to the Editor and Commentaries

Gurven M, Trumble B, **Stieglitz J.**, Yetish G, Cummings D, Kaplan H, Pontzer H. (2019). Methodological differences cannot explain associations between health, anthropometrics and excess RMR. *American Journal of Physical Anthropology* 169:197-198.

Barragan-Jason G, Atance C, **Stieglitz J.**, Hopfensitz A, Cauchoux M. (2019). Revisiting the Marshmallow Test: A Conceptual Replication Investigating Links between Early Delay of Gratification and Later Outcomes. *Frontiers in Psychology* 9:2719. doi: 10.3389/fpsyg.2018.02719.

Kaplan H, Trumble B, **Stieglitz J.**, Narula J, Gurven M, Thomas G. (2017). Diet, atherosclerosis, and helminthic infection in Tsimane. *The Lancet* 390(10107):2034-2035.

Book reviews

Silve A, **Stieglitz J.** Soudain, le développement. (2022). À propos de: Oded Galor, Le Voyage de l'Humanité. Aux Origines de la Richesse et des Inégalités (trad. de l'anglais par Pierre-Emmanuel Dauzat et Aude de Saint-Loup Denoël). laviedesidees.fr

Dissertation

Stieglitz J. (2009). Nuclear family conflict and cooperation among Tsimane' forager-horticulturalists of Bolivia. Doctoral Dissertation, University of New Mexico.

AWARDS, HONORS, AND FELLOWSHIPS

2016	Multidisciplinary Research Prize (€40,000), IAST
2009	Graduate Scholars Award, UNM
2003-2007	Graduate Research Fellowship, UNM
2003	University Scholars Program (<i>Summa cum Laude</i>), Rutgers College
2002	Bigel Endowment Award in Anthropology, Rutgers College
1999	Semi-Finalist, Intel International Science and Engineering Competition

RESEARCH GRANTS (>\$24,000,000 awarded)

- 2023 "Strengthening the human-nature connection to achieve sustainability", **Co-I**, €300,000, TIRIS - Université de Toulouse.
- 2023 "Understanding socio-ecological variation in menstrual cycles to advance female health", **Co-I**, €401,860, Agence Nationale de la Recherche (ANR).
- 2022 "Testing Hypothesized Pathways Linking Infection, Physical Activity, APOE Genotype, and Biological Sex To Low Dementia Prevalence and Reduced Brain Atrophy In Two Native American Populations", **Co-PI**, \$15,423,707, NIH-NIA.
- 2020 Administrative Supplement to "Brain atrophy, cognitive impairment and Alzheimer's in a low CVD-risk population", **Co-PI**, \$1,036,018, NIH-NIA.
- 2020 Administrative Supplement to "Brain atrophy, cognitive impairment and Alzheimer's in a low CVD-risk population", **Co-PI**, \$269,250, NIH-NIA.
- 2018 Competing Revision, "Brain atrophy, cognitive impairment and Alzheimer's in a low CVD-risk population", **Co-PI**, \$2,902,118, NIH-NIA.
- 2018 "Prevalence and correlates of vertebral fracture in a contemporary pre-industrial population", **Lead PI**, \$15,000, Arizona State University Center for Evolution and Medicine Faculty Research Grant.
- 2018 "Prevalence and correlates of vertebral fracture in a contemporary pre-industrial population", **Lead PI**, \$7,500, University of California-Santa Barbara Academic Senate Faculty Research Grant.
- 2018 "Bone strength and physical activity over the life course in a physically active contemporary pre-industrial population", **Lead PI**, \$788,810, National Science Foundation (NSF) Biological Anthropology.
- 2017 Administrative Supplement to "Brain atrophy, cognitive impairment and Alzheimer's in a low CVD-risk population", **Co-PI**, \$149,221, NIH-NIA.
- 2017 "Brain atrophy, cognitive impairment and Alzheimer's in a low CVD-risk population", **Co-PI**, \$3,773,865, NIH-NIA.
- 2015 "The Human Life Course and the Biodemography of Aging", **Co-I**, \$590,659, NIH-NIA
- 2015 "Social intellect: experiments and theories concerning economic agents", **Co-I**, €138,680, ANR.
- 2014 Administrative Supplement to "The Human Life Course and the Biodemography of Aging", **Co-I**, \$15,000, NIH-NIA.
- 2014 "Surviving the Flood: Vulnerability, Risk Management, and Resilience among Tsimane Forager-Farmers of Bolivia", **Co-PI**, \$126,000, NSF Cultural Anthropology.
- 2012 Administrative Supplement to "The Human Life Course and the Biodemography of Aging", **Co-I**, \$38,750, NIH-NIA.
- 2009 Graduate Student Association Travel Grant, \$300, UNM.
- 2007 Doctoral Dissertation Improvement Grant, **Lead PI**, \$15,000, NSF Cultural Anthropology.
- 2007 Latin American Institute Field Research Grant, \$1,803, UNM.
- 2006 Latin American Institute Field Research Grant, \$1,514, UNM.
- 2004-2008 Student Research Allocations Committee grants, \$500/year, UNM.
- 2004-2008 Graduate Research, Projects, and Travel grants, \$1,000/year, UNM.

CONFERENCE GRANTS

- 2018 European Human Behavior and Evolution Association (EHBEA) 14th annual conference. €10,000, Toulouse Métropole (France).
- 2018 EHBEA 14th annual conference. €7,500, Région Occitanie (France).
- 2018 EHBEA 14th annual conference. €1,200, Galton Institute (UK).

FIELDWORK (~41 months with Tsimane)/OTHER RESEARCH EXPERIENCE

- 2024
Aug Coordination experiments among Tsimane children

Management and training for the Tsimane Health and Life History Project

2022

Jul-Aug PhD student supervision (Tabitha Dorshorst, University of Massachusetts-Amherst)
Management and training for the Tsimane Health and Life History Project

2021

Nov-Dec Management and training for the Tsimane Health and Life History Project

2019

Aug Completed certified training in using peripheral quantitative computed tomography (pQCT)
for scanning upper and lower limbs

2018

Nov Assessment of Tsimane physical activity level and diet

Jul-Aug Management and training for the Tsimane Health and Life History Project
PhD student supervision (Camila Scaff, Ecole Normale Supérieure)
Assisted in performance of computed tomography among Tsimane and Moseten

2017

Jul Management and training for the Tsimane Health and Life History Project
PhD student supervision (Camila Scaff, Ecole Normale Supérieure)
Assisted in performance of computed tomography among Tsimane

2016

Apr Protocol development for domestic violence research in nine north-eastern Brazilian states
(in collaboration with Universidade Federal do Ceará - Fortaleza and the World Bank)

2015

Jul-Aug Assisted in performance of computed tomography (thoracic and cerebral) among Tsimane
Conducted economic game among Tsimane spouses (resource distribution task)

2014

Oct-Nov Performed quantitative ultrasonography of the radius and tibia among Tsimane
Assisted in performance of thoracic computed tomography among Tsimane
Management and training for the Tsimane Health and Life History Project

2013

Jul Performed quantitative ultrasonography of the calcaneus among Tsimane
Conducted interviews on jealousy among Tsimane
Management and training for the Tsimane Health and Life History Project

2011

May-Jun Conducted interviews on male parental investment among Tsimane

2010

Feb-Mar Conducted interviews on spousal conflict among Tsimane

2008

Apr Conducted interviews on household task delegation among Tsimane

2007

Aug-Dec	Conducted interviews on family cooperation and conflict among Tsimane
<u>2006</u>	
Jul-Dec	Conducted census and collected data on reproductive/residence histories among Tsimane Conducted interviews on public health and parent-offspring conflicts
<u>2005</u>	
Feb-Aug	Monitored time allocation, food production, and consumption among Tsimane
<u>2004</u>	
Jul-Aug	Logistical foray into Tsimane villages Linguistic and methods training
<u><2003</u>	
Jan-May (2003)	Studied human mate preferences and neural mechanisms of mammalian sexual behavior (supervisor: Helen Fisher)
Jun-Aug (2002)	Studied paleoanthropological methods at the Koobi Fora Field School, Rutgers University Conducted interviews on mate preferences among Dassanetch agro-pastoralists of Lake Turkana, Kenya (for undergraduate honors thesis)
Jun-Aug (2001)	Participated in the Helike Archaeological Research Project in Greece, Rutgers University
Jan-Dec (1999)	Studied murine reproductive neuroendocrinology at Mount Sinai Medical Center (supervisor: Dr. Andrea Gore)

PROFESSIONAL SERVICE

2015-	Ad Hoc Grant Reviewer, NSF Cultural Anthropology, NSF Biological Anthropology (2), Leakey Foundation, Wellcome Trust
2010-	Ad Hoc Reviewer, <i>American Journal of Human Biology</i> (5), <i>American Journal of Physical Anthropology</i> (3), <i>Behavioral Ecology</i> , <i>BMJ Open</i> , <i>Current Anthropology</i> , <i>Evolution, Medicine, and Public Health</i> , <i>Evolution and Human Behavior</i> (3), <i>Evolutionary Anthropology</i> , <i>Evolutionary Human Sciences</i> , <i>Frontiers in Endocrinology</i> , <i>Hormones and Behavior</i> , <i>Human Nature</i> (3), <i>Journal of Clinical Densitometry</i> , <i>Journals of Gerontology B</i> , <i>Journal of Human Evolution</i> (2), <i>PLoS Computational Biology</i> , <i>PLoS One</i> , <i>Proceedings of the National Academy of Sciences</i> , <i>Proceedings of the Royal Society B</i> (3), <i>Science</i> , <i>Science Advances</i> , <i>Scientific Reports</i> , <i>Victims and Offenders</i>
2024	Jury member, Habilitation à diriger des Recherche (Alexandra Alvergne)
2022-2023 (and 2016)	Co-Organizer, IAST Economics and Biology Workshop
2022	Guest speaker, Crossing Channels Podcast
2021-2022 (and 2017-2018)	Recruitment Committee Member, IAST
2020-2022	Panelist, NSF Biological Anthropology, Doctoral Dissertation Improvement Grants
2020-2022	Chair, TSE-IAST Board for Ethical Standards in Research
2018-2021	Management Committee Member, IAST
2019-2020	Member, TSE-IAST Board for Ethical Standards in Research
2018-2020	Seminar Series Organizer, IAST General Seminars
2019	Chair, EHBEA 14 th annual conference organizing committee
2017-2018	Program Director of Anthropology, IAST
2018	Table Leader, Human Biology Association Student Reception
2018	Co-Organizer, IAST workshop on “Developmental Origins of Economic Preferences”
2016	Program Committee Member, EHBEA conference.

2016	Program Committee Member, American Association of Physical Anthropologists conference.
2016	Co-Organizer, IAST workshop on “Domestic Violence in Brazil”
2015-2016	“The Human Family” Seminar Series Organizer, IAST
2013	Session Organizer, AAA conference, “Building the Future of Public Health with Insights from Evolutionary Anthropology”
2011	Contributor, UNM Anthropology Newsletter, “Tsimane Health and Life History Project”
2011	Session Organizer, AAA conference, “Recent Advances in Evolutionary Anthropology”
2009	Guest Editor, <i>Anthropology News</i> , Evolutionary Anthropology Society of the American Anthropological Association
2007	Representative, Anthropology Graduate Student Union, UNM
2007	Ad Hoc Grant Reviewer, Student Research Allocations Committee, UNM

*Student Advising*Doctoral

Ongoing	Committee Member, Anthropology, Tabitha Dorshorst, University of Massachusetts-Amherst
2022	Committee Member, Anthropology, Amy Anderson, University of California-Santa Barbara
2022	Committee Member, Anthropology, Fatemeh Jamshidi, Université Toulouse 2 Jean Jaurès
2017	Committee Member, Anthropology, Juan Du, University College London

Masters

2023	M1 Thesis Committee Member, Economics, Anirudh Ravishankar, TSE/UT1.
2022	M2 Thesis Committee Member, Economics, Emmy Lounes, TSE/UT1.
2022	Supervisor, Anthropology, Julien Offresson, Université Montpellier 2.
2019	Supervisor, Life Sciences/Health, Andrea Cavero, Université Toulouse 3 Paul Sabatier (UT3).
2019	Supervisor, Economics, Elisa Glise, TSE/UT1.
2017	Supervisor, Economics, Laetitia Longhi, TSE/UT1.
2016	M2 Thesis Committee Member, Economics, Russell Black, TSE/UT1.

Undergraduate

2013	Honors Thesis Committee Member, Psychology, Diego Guevara, UNM.
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TEACHING

Université Toulouse (all graduate-level)

- Ethics in Social Science Research (2024-present)
- Experimental Economics (2018-present; TSE)
- Evolution of Human Sociality (2021-2024; TSE/IAST)
- The Long-Run History of Trade (2022; TSE)
- Evolutionary Medicine (2017-2019; UT3)
- Behavioral and Experimental Economics (2018-2019; TSE)

Université Montpellier (module in the Human Evolutionary Biology Masters)

- The natural history of human health and aging (2021-2023)

UNM Anthropology (all undergraduate-level)

- The Human Life Course (2009-2014)
- Human Behavioral Ecology (2009-2014)
- Special Topics: Family Cooperation and Conflict (2008)
- Human Evolution Laboratory (2005)

SELECTED PRESENTATIONS

- 2023 Evolutionary perspectives on human health and life history. Rutgers University Department of Anthropology. December 13, 2023.
- 2023 Human musculoskeletal aging: Evolutionary insights from contemporary physically active subsistence populations. Institute of Evolutionary Medicine, University of Zurich. December 5, 2023.
- 2023 Mismatch and diseases of affluence. Montpellier Ecology and Evolution of Diseases Network (MEEDiN) Workshop. May 16.
- 2022 Labor's pain: strenuous routine subsistence work, mechanical wear-and-tear, and musculoskeletal pain in a forager-horticultural population. Annual Conference of the French Society for Evolutionary Human Sciences. IAST. November 7-8.
- 2022 The evolution of early hominin food production and sharing. Annual Conference of the French Society for Evolutionary Human Sciences. IAST. November 7-8.
- 2022 Why household inefficiency? An experimental approach to assess spousal resource distribution preferences in a subsistence population undergoing socioeconomic change. Université Mohammed VI Polytechnique. October 26, 2022.
- 2022 Nutrition transition in two lowland Bolivian populations. Réseau Thématique Workshop: “Réseau d’Etude de la Santé Humaine par des Approches Evolutives et historique” (RESHAPE). Centre National de la Recherche Scientifique. September 27-28.
- 2022 Nutrition transition in two lowland Bolivian populations. Workshop on “Food, Population Health, and Public Policies.” Paris School of Economics. May 16-17.
- 2022 COVID-19 transmission and health outcomes in two Native South American populations. Brunel University London. March 2.
- 2019 Evolution of human skeletal gracility. University College London Department of Anthropology. March 21.
- 2018 Marital violence and fertility in a relatively egalitarian high fertility population. Chapman University. October 26.
- 2018 Osteoporosis in evolutionary and cross-cultural perspective. Arizona State University Center for Evolutionary Medicine. October 18.
- 2018 Tsimane field site management. Workshop on “Field site management.” Max Planck Institute for Evolutionary Anthropology. June 11-13.
- 2018 Marital violence and fertility in a relatively egalitarian high fertility population. Workshop on “Harmful Practices.” University of California-Santa Barbara. March 19-20.
- 2018 Language production and input in a forager-farmer population: Estimations from daylong recordings. Max Planck Institute for the Science of Human History-Jena. February 21-23.
- 2018 Marital violence and fertility in a relatively egalitarian high fertility population. University College London Department of Anthropology. January 9.

- 2016 Live long and prosper: evolution of human post-reproductive lifespan. University of Montpellier. June 3.
- 2015 Why household inefficiency? Spousal resource distribution preferences in a transitioning subsistence population. University of Lyon. December 7-8.
- 2014 Work to live and live to work: Productivity, transfers, and psychological well-being in adulthood and old age. National Research Council of the National Academies Workshop. Cross-Species Comparisons of Social Environments and Social Behaviors, and their Effects on Health and Longevity. April 8-9.
- 2014 Location, location, location: Tsimane market involvement exacerbates potential for social conflict, and its effects on well-being. Workshop on “Indigenous well-being amid socio-economic transformation.” University of California-Santa Barbara. March 14.
- 2013 Evolutionary perspectives on human family conflict. Emory University Department of Anthropology. February 21.