

Curriculum Vitae:

Dr Geoff Kushnick

School of Archaeology and Anthropology T +61 2 6125 2771
Research School of Humanities and Arts F +61 2 6125 2211
ANU College of Arts and Social Sciences E geoff.kushnick@anu.edu.au
The Australian National University W researchers.anu.edu.au/researchers/kushnick-gc
Canberra ACT 2601 AUSTRALIA W geokush.com
W twitter.com/gkushnick (Twitter)

RESEARCH INTERESTS

- Human behavioural ecology
- Human reproductive strategies
- Evolution of social norms and institutions
- Quantitative methods and analysis
- Peoples and cultures of Southeast Asia and the Pacific

EDUCATION

2006 **PhD in Biocultural Anthropology** University of Washington, Seattle
1998 **MA in Anthropology** California State University, Sacramento, USA
1995 **BA in Anthropology with Biology Minor** California State University, Chico, USA

EMPLOYMENT

2019-now **Senior Lecturer in Biological Anthropology (Human Behavioural Ecology)**
School of Archaeology and Anthropology, The Australian National University, Canberra

2014-now **Lecturer in Biological Anthropology (Human Behavioural Ecology)**
School of Archaeology and Anthropology, The Australian National University, Canberra

2007-14 **Lecturer in Biocultural Anthropology and Interdisciplinary Studies**
2008-14 Department of Anthropology, University of Washington, Seattle USA
2007-08 Department of Interdisciplinary Arts & Sciences, UW-Tacoma USA

PUBLICATIONS

Google Scholar: citations (775), h-index (13), i-10 Index (15)

Haynie HJ, Kavanaugh PH, Jordan FM, Ember CR, Gray RD, Greenhill SJ, Kirby KR, **Kushnick G**, Low BS, Tuff T, Vilela B, Botero CA, Gavin MC (n.d.) Pathways to social inequality. *Human Evolutionary Sciences*, in press. <https://doi.org/10.31235/osf.io/nzv8d>

Kushnick G (n.d.) The cradle of humankind: Evolutionary approaches to technology and parenting. In: Weekes-Shackelford VA, Shackelford TK (eds.), *The Oxford Handbook of Evolutionary Psychology and Parenting*. Oxford Univ Press, in press. <https://doi.org/10.31235/osf.io/k23md>

Kushnick G, Behie A, Zuska F (2021) Pregnancy outcomes among evacuees of the Sinabung volcano, 2010-2018 (North Sumatra, Indonesia): a matched cohort study. *American Journal of Human Biology*, e23628. <https://doi.org/10.1002/ajhb.23628>

Bode A, **Kushnick G** (2021) Proximate and ultimate perspectives on romantic love. *Frontiers in Psychology*, 12, 573123. <https://doi.org/10.3389/fpsyg.2021.573123>

Halcrow S, Warren R, **Kushnick G**, Nowell A (2020) Care of infants in the past: Bridging evolutionary anthropological and bioarchaeological approaches. *Evolutionary Human Sciences*, 2, e47. <https://doi.org/10.1017/ehs.2020.46>

- Kavanagh PH, Haynie HJ, **Kushnick G**, Vilela B, Tuff T, Bown C, Low B, Ember CR, Kirby KR, Botero C, Gavin MC (2020) Drivers of global variation in land ownership. *Ecography*, 43: 1-8. <https://doi.org/10.1111/ecog.05205>
- Curtin C, Barrett HC, Bolyanatz A, Crittenden A, Fessler DMT, Fitzpatrick S, Gurven M, Kanovsky M, **Kushnick G**, Laurence S, Pisor A, Scelza B, Stich S, von Rueden C, Henrich J (2020) Kinship intensity and the use of mental states in moral judgments across societies. *Human Behavior and Evolution*, 41(5), 415-429. <https://doi.org/10.1016/j.evolhumbehav.2020.07.002>
- Deppe AM, **Kushnick G** (2020) Olfactory predator recognition in the brown mouse lemur (*Microcebus rufus*) in Ranomafana National Park, Madagascar. *American Journal of Primatology*, 82(10), e23184. <https://doi.org/10.1002/ajp.23184>
- Scelza BA, Prall S, Blumenfeld T, Crittenden A, Gurven M, Kline M, Koster J, **Kushnick G**, Mattison SM, Pillsworth E, Shenk M, Starkweather K, Stieglitz J, Sum C-Y, Yamaguchi K, McElreath R (2019) Patterns of paternal investment explain cross-cultural variance in jealousy response. *Nature Human Behaviour*, 4, 20-26. <https://doi.org/10.1038/s41562-019-0654-y>
- Kushnick G** (2019) Gaps in Darwin's initial theory. In Shackelford T, Weekes-Shackelford V (eds.), *Encyclopedia of evolutionary psychological science*. Cham: Springer. https://doi.org/10.1007/978-3-319-16999-6_1385-1
- Gavin MC, Kavanagh PH, Haynie HJ, Bown C, Ember CR, Gray RD, Jordan FM, Kirby KR, **Kushnick G**, Low B, Vilela B, Botero CA (2018) Global geography of human subsistence. *Royal Society Open Science*, 5, 171897. <https://doi.org/10.1098/rsos.171897>
- Gleeson B, **Kushnick G** (2018) Female social status and stature sexual dimorphism: Evidence for intersexual selection in human self-domestication. *American Journal of Physical Anthropology*, 16, 458-69. <https://doi.org/10.1002/ajpa.23642>
- Carter T, **Kushnick G** (2018) Male aggressiveness as intrasexual contest competition in a cross-cultural sample. *Behavioral Ecology and Sociobiology*, 72, 83. *co-first authors <https://doi.org/10.1007/s00265-018-2497-3>
- Kushnick G**, Fessler D, Zuska F (2016). Disgust, gender, and social change: Testing alternative explanations for the decline of cousin marriage in Karo society. *Human Nature*, 27(4), 533-555. <https://doi.org/10.1007/s12110-016-9263-x>
- Kushnick G (2016) Ecology of pairbond stability. In Shackelford T, Weekes-Shackelford V (eds.), *Encyclopedia of evolutionary psychological science* (pp.1-7). Cham: Springer. https://doi.org/10.1007/978-3-319-16999-6_111-1
- Atkinson Q, Coomber T, Passmore T, Greenhill S, **Kushnick G** (2016). Cultural and environmental predictors of pre-European deforestation on Pacific islands. *PLoS ONE*, 11(5), e0156340. <https://doi.org/10.1371/journal.pone.0156340>
- Barrett C, Bolyanatz A, Crittenden A, Fessler DMT, Fitzpatrick S, Gurven M, Henrich J, Kanovsky M, **Kushnick G**, Pisor A, Scelza B, Stich S, von Rueden C, Zhao W, Laurence S (2016). Small-scale societies exhibit fundamental variation in the role of intentions in morality. *Proceedings of the National Acad of Science, USA*, 113(7), 4688-93. <https://doi.org/10.1073/pnas.1522070113>
- Fessler DMT, Holbrook C, Kanovsky M, Barrett H, Bolyanatz A, Gervais M, Gurven M, Henrich J, **Kushnick G**, Pisor A, Stich S, von Rueden C, Laurence S (2016). Moral parochialism misunderstood: a reply to Piazza and Sousa. *Proceedings of the Royal Society London, Series B: Biol Sciences*, 283, 20152628. <https://doi.org/10.1098/rspb.2015.2628>

- Fessler DMT, Holbrook C, Stich S, Barrett HC, Bolyanatz AH, Gervais MM, Gurven M, Henrich J, Kanovsky M, **Kushnick G**, Pisor AC, von Ruedon C, Laurence S (2015). Moral parochialism and contextual contingency across seven societies. *Proceedings of the Royal Society London, Series B: Biological Sciences*, 282, 20150907. <https://doi.org/10.1098/rspb.2015.0907>
- Kushnick G**, Hanowell B, Kim J, Lanstieh B, Magnano V, Oláh K (2015). Experimental evidence for convergent evolution of maternal care heuristics in industrialized and small-scale societies. *Royal Society Open Science*, 2, 140518. <https://doi.org/10.1098/rsos.140518>
- Kushnick G**, Gray R, Jordan F (2014). The sequential evolution of land tenure norms. *Evolution and Human Behavior*, 35, 309-318. <https://doi.org/10.1016/j.evolhumbehav.2014.03.001>
- Kushnick G** (2013). Access to resources shapes maternal decision making: Evidence from a factorial vignette experiment. *PLoS ONE*, 8(9), e75539. <https://doi.org/10.1371/journal.pone.0075539>
- Kushnick G** (2013). Why do the Karo Batak prefer women with big feet? Flexible mate preferences and the notion that one size fits all. *Human Nature*, 24, 268-279. <https://doi.org/10.1007/s12110-013-9171-2>
- Kushnick G** (2012). Helper effects on breeder allocations to direct care. *American Journal of Human Biology*, 24, 545-550. <https://doi.org/10.1002/ajhb.22268>
- Fessler DMT, Stieger S, Asaridou S, Bahia U, Cravalho M, de Barros P, Delgado T, Fisher M, Geraldo Perez P, Goetz C, Haley K, Jackson J, **Kushnick G**, Lew K, Pain E, Pisor A, et al. (2012). Testing a postulated case of intersexual selection in humans: The role of foot size in judgments of physical attractiveness and age. *Evolution and Human Behavior* 33:147-164. <https://doi.org/10.1016/j.evolhumbehav.2011.08.002>
- Kushnick G**, Fessler DMT (2012). Misconstruals miss the mark: Response to El Guindi and Read. *Current Anthropology*, 53, 136-137. <https://doi.org/10.1086/663589>
- Kushnick G** (2012). Book review: "Reproduction and adaptation: Topics in human reproductive ecology." *Human Biology*, 84, 91-92. http://digitalcommons.wayne.edu/humbiol_preprints/14/
- Kushnick G**, Fessler DMT (2011). Karo Batak cousin marriage, cosocialization, and the Westermarck hypothesis. *Current Anthropology*, 52, 443-8. <https://doi.org/10.1086/659337>
- van Oven M, Hämmerle JM, van Schoor M, **Kushnick G**, Pennekamp P, Zega I, Lao O, Brown L, Kennerknecht I, Kayser M (2011). Unexpected island effects at an extreme: Reduced Y-chromosome and mitochondrial DNA diversity in Nias. *Molecular Biology and Evolution* 28: 1349-1361. <https://doi.org/10.1093/molbev/msq300>
- Kushnick G** (2010). Resource competition and reproduction in Karo Batak villages. *Human Nature*, 21, 62-81. <https://doi.org/10.1007/s12110-010-9082-4>
- Kushnick G** (2009). Parental supply and offspring demand amongst Karo Batak mothers and children. *Journal of Biosocial Science*, 41, 183-93. <https://doi.org/10.1017/S0021932008002988>
- Bliege-Bird R, Bird D, Smith EA, **Kushnick G** (2002). Risk and reciprocity in Meriam food-sharing. *Evolution and Human Behavior*, 23, 297-321. [https://doi.org/10.1016/S1090-5138\(02\)00098-3](https://doi.org/10.1016/S1090-5138(02)00098-3)

FUNDING

- 2017-now **Economic Network Dynamics of Wealth and Inequality (ENDOW) Project**
Directors: Eleanor Power (LSE) & Jeremy Koster (U Cincinnati)
Role: Researcher, Indonesia Fieldsite (<https://endowproject.github.io/fieldsites/>)
Participant, Project Workshop at Santa Fe Institute (January 2020)
Grant: National Science Foundation (NSF), USA (Award # 1743019) (880,000 USD)
The Effects of Social Networks on Inequality: A Longitudinal Cross-Cultural Study
- 2015-21 **Geography of Land Tenure and Subsistence (GELTS) Project**
Role: Senior Scientist (<https://gelts.wordpress.com/>)
Grant: National Science Foundation (NSF), USA (Award #1519987) (999,144 USD)
Toward and Integrated Understanding of Natural Resource Use & Mngmt
PIs: Mike Gavin (Colorado State U)
Co-PIs: Claire Bower (Yale U), Bobbi Low (U Michigan)
Other: Russell Gray (MPI), Fiona Jordan (U Bristol), Kate Kirby (U Toronto),
Carlos Botero (Washington U)
- 2017-18 **Diet, Exercise, and Obesity in the Solomon Islands (DEOSI) Project**
Role: Principal Investigator, Fieldworker (<https://osf.io/emh52/>)
Collab: Geoffrey Kenilorea (MOHSI), Nixon Panda (SINU)
Grant 1: ANU CASS Outside Studies Program (OSP) (5,500 AUD)
Grant 2: ANU RSHA Research Workshop Grant (3,000 AUD)
- 2017-18 **Reproduction in Sinabung Volcano Evacuees**
Role: Principal Investigator, Fieldworker (<https://osf.io/69y2n/>)
Co-PI: Alison Behie (ANU)
Grant: ANU College of Arts and Social Sciences Grant (8,500 AUD)
- 2016 **Undergraduate BIAN Research Journal**
PIs: *PI:* Alison Behie; *Co-PIs:* Katharine Balolia, Geoff Kushnick, Justyna Miskiewicz, and Marc Oxenham
Grant: ANU CASS Student Experience Grant (2,000 AUD)
- 2014-16 **Conference Travel Funding (ANU RSHA)**
Grant: 2016: RSHA Conference Travel Grant – HBES Vancouver (1,598 AUD)
Grant: 2014: RSHA Conference Travel Grant – ASHB Adelaide (1,485 AUD)
- 2010-14 **Cousin Marriage among the Karo of North Sumatra, Indonesia**
Role: Principal Investigator, Fieldworker (<https://osf.io/pmf4d/>)
Grant 1: 2014: Fulbright Scholars Program Grant (25,000 USD)
Grant 2: 2014: American Institute for Indonesian Studies (AIFIS) (5,750 USD)
Grant 3: 2010: UCLA Center for Brain, Culture, & Development (CBD) (5,000 USD)
- 2010-12 **“Culture and Mind” Project**
Roles: Lead Researcher, Indonesia (<https://philosophy.dept.shef.ac.uk/culture&mind/>)
Fieldworker & Workshop Participant: Indonesia (x2), Sheffield (x2), UCLA (x2)
Grant: UK Arts & Humanities Research Council (AHRC) (538,000 GBP)
PIs: Stephen Laurence (U Sheffield)
- 2003 **Parent-Offspring Conflict among the Karo of North Sumatra, Indonesia**
Role: PI, Fieldworker
Grant: National Science Foundation Dissertation Grant (14,000 USD)

HONOURS

Lifetime Member, Lambda Alpha (Anthropology Honor Society)
Fellow, Andrew W. Mellon Foundation Demography Fellowship (2 years)
Fellow, National Institute of Health (USA) Dissertation Writing Fellowship
Fellow, Higher Education Academy (FHES)
Fulbright Scholar, Fulbright Scholars Program (USA)

PROFESSIONAL MEMBERSHIPS

Australasian Society for Human Biology (ASHB)
Human Behavior and Evolution Society (HBES)
Fellow of the Higher Education Academy (FHES)

COURSES TAUGHT

Current: *Evolution and Human Behaviour* (BIAN 3124/6124)
Research Design and Analysis in Biological Anthropology (BIAN 3014/6516)
Human Journey: Introduction to Biological Anthropology (BIAN 1001)
Honours Seminar in Methods and Analysis (BIAN 4011)
Supervised Research in Biological Anthropology (BIAN 3129)

Past: *Mating and Parenting: Human Reproductive Strategies* (BIAN 2133/6133)
Culture, Biology, and Population Dynamics (BIAN 2120/6120)
Readings in Population Biology/Health (BIAN 8002)
Readings in Primatology/Paleoanthropology (BIAN 8003)
Evolutionary Perspectives on Parenting (at ANU and UW)
Evolution of Human Social Behavior (at UW)
Human Population Biology (at UW)
Introduction to Biological Anthropology (at UW)
Evolutionary Medicine (at UW)
Honors Seminar (at UW)

TEACHING DEVELOPMENT

2018 Fellow, Higher Education Academy (FHES)
2016 CHELT Workshop “FHES Workshop” (2 modules)
2014 CHELT Workshop “FHES Workshop” (first 3 modules)
2014 CASS Workshop “Aspects and Elements of Research-Led Teaching” (4 modules)
2014 CHELT Workshop “University Teaching and Learning Foundations Course” (10 mods)

SERVICE

Leadership Roles:

2021-now Convenor, Biological Anthropology HDR Program
2020 Convenor, Biological Anthropology Honours Program (1 semester)
2016-18 Convenor, Biological Anthropology HDR Program
2014-17 Convenor, Biological Anthropology Honours Program
2015 Convenor, Population Health Honours Program (1 semester)

Service to School:

2019-now ERA Officer, Research Portfolio, SoAA
2018 Roundtable discussant on career pathways, SAA HDR Retreat at Stromlo
2017-18 Chair, SAA Education Committee
2016 Co-Applicant for successful grant to initiate biological anthropology journal for ANU

- undergraduates; served as Associate Editor
- 2016 Served on two working groups related to the SAA school review, including nominating and background checking potential review candidates
- 2016 Invited roundtable discussant at the ABACUS Degree Night
- 2016 Designed exposé posters used to market the Biological Anthropology programs
- 2015-17 SAA Education Committee
- 2015 SAA HDR Working Group
- 2015 Contributed to the negotiation and design of new inter-college major (CASS and RSB) in Human Evolutionary Biology
- 2014-18 SAA Social Committee (formerly known as Outreach Committee), including creating and promoting email lists with sign-up boxes on main SAA website (list has >200 members)
- 2014-now School outreach, including Science in Action (2 yrs), ANU Open Day (7 yrs)

Service to University:

- 2020-now Member, RSHA WHS Committee
- 2016-now Member, Statistical Consulting Unit (SCU) Advisory Committee
- 2018 Member, CASS Education Committee

Broader Service:

- 2016-now Review Editor, *Frontiers in Evolutionary Psychology* (Impact Factor 2.323)
- 2010-now Ad hoc Reviewer: Journals: Current Anthropology, Evolution and Human Behavior, Field Methods, Human Nature, Frontiers in Cultural Psychology
Funding Bodies: National Science Foundation (US), Wellcome Trust (UK), Research Foundation Flanders (Belgium), Fulbright Junior Scholars Program
Book Proposals: WW Norton, Oxford University Press, Psychology Press, Springer
PhD Theses: University of Western Australia

Previous Service (University):

Departmental Service (UW, 2007-14):

- Undergraduate Honors Committee (2 yrs);
- Anthropology Pedagogy Workshop Presenter (2 yrs);
- Curriculum Committee (1 yr);
- Human Subjects Committee (2 yrs)

University Service (UW, 2007-14):

- “Camps Visit” Program (3 yrs);
- Tutor for Center for Learning and Undergraduate Education (2 yrs);
- Fritz & Boeing International Fellowship Selection Committee (2 yrs);
- Host for Indonesian Fulbright Delegates to the University (2 yrs)

Previous Service (Broader)

Consultant to NGOs/Applied Anthropology: 2001-03

- Wrote materials on environmental health issues related to children (6 mo.)
- Wrote materials on workplace violence and workplace safety laws (2 mo.)
- Conducted research for hospital-based education programs (3 mo)
- Ghostwrote book with NGO executive for first-time fathers (6 mo)

Game Designer: Wrote and designed materials for commercially sold games (2002-03)

STUDENT SUPERVISION

- PhD:** **Adam Bode** (current): Evolutionary and Biocultural Perspectives on Love (Supervisor)
Ben Gleeson (current, ANU Fenner School): Self-Domestication (Associate)
Megan O'Donnell: Reproduction during Australian Natural Disasters (Associate)
- Masters:** **Isabella Apriyani**: “Investigating the Change of Reproductive Strategies following Subsistence Transition in Hunter-Gatherer Populations of Borneo, Indonesia”
Ben Gleeson: “Human Self-Domestication by Intersexual Selection: Female Social Status and Stature Sexual Dimorphism”
Stephen Orchard: “Sociosexual Norms, the Behavioural Immune System Hypothesis, and the Red Queen”
- Honours:** **Emma Florey** (current): Parochial Altruism and Environmental Factors
Jennifer Geyer: “More the merrier? Human mate choice and the effects of sociosexual history and hormonal contraceptives”
Sumaiyah Qureshi: “Understanding Agta Fertility: Subsistence-Related Factors Associated with Reproductive Rates in a Foraging Population in Transition”
Madelaine Winkler: “Pathogen Pressure and Consanguineous Marriage: The Case of Impal Marriage among the Karo Batak from North Sumatra” (Co-Supervised w/ Alison Behie)
Kerrissa Bohn: “Experimental Test of the Influence of Multiple Male Characteristics on Female Long- and Short-Term Mate Preference”
Laura Thornquist: “Conditional Mating Strategies: Male Physical Attractiveness and Effort in Online Dating”