

Luke Glowacki

Department of Anthropology
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APPOINTMENTS

Assistant Professor, Department of Anthropology 2021-Present
Faculty Affiliate, Center for Innovation in Social Science
Faculty Affiliate, African Studies Center
Boston University

Associate, Department of Human Evolutionary Biology 2016-Present
Harvard University

Assistant Professor, Department of Anthropology 2018- 2021
Faculty Associate, Population Research Institute
Pennsylvania State University

Research Fellow 2016-2018
Institute for Advanced Study in Toulouse

Postdoctoral Fellow 2015-2016
Department of Human Evolutionary Biology &
Program for Evolutionary Dynamics, Harvard University

EDUCATION

Ph.D. in Human Evolutionary Biology 2015
Harvard University

AWARDS

New Investigator Award 2019
European Human Behaviour and Evolution Association

IAST Multidisciplinary Prize (with Alice Baniel, €40,000) 2017
Understanding male-female aggression in mammals and humans using a comparative perspective

Lagerspetz Award for Exceptional Presentation 2014
International Society for Research on Aggression

Best Student Investigator Award 2013
Evolutionary Anthropology Section, American Anthropological Association

FUNDING

NSF Human Networks and Data Science Program Award # 2214088: Network formation and function within and between groups (\$447,116). Role: PI.	2022
ERC Consolidator Grant (sub-contractor)	2019
Ecological origins of cross-societal variation in cooperation (#864519). €16,000	
Max Planck Institute for Evolutionary Anthropology Workshop <i>Re-Organizing Social Organization</i> \$29,000	2019
Population Research Institute, Pennsylvania State University, \$1150	2020
Center for Global Studies, Pennsylvania State University, \$2000	2019
Mind, Brain, and Behavior Research Award, Harvard University (co-authored with Richard Wrangham & Martin Nowak, \$80,000)	2016-2017
Foundations of Human Behavior, Harvard University (\$14,900)	2015-2016
Graduate School Council Travel Grant, Harvard University	2014
Dissertation Fieldwork Grant, Wenner-Gren Foundation	2011
REG Research Award, National Science Foundation (Grant #1132859, PI: Karen Kramer)	2011
Mind, Brain, and Behavior Research Award, Harvard University	2010

OTHER PROFESSIONAL EXPERIENCE

Consultant	Stanford University	2022
Consultant	GIZ IS (German Agency for International Cooperation)	2014
Consultant	IGAD-CEWARN Addis Ababa, Ethiopia	2012-2013

JOURNAL ARTICLES

* Corresponding author; + equal contribution; & student supervisee

Glowacki L. 2022 The Evolution of Peace. [10.32942/osf.io/vntwr](https://doi.org/10.32942/osf.io/vntwr)

+Bohm R., +**Glowacki L.**, +Theilmann, I. & +Rusch, H. Between-group conflict shapes the interplay of altruism and parochialism. In review at *PNAS*.

Singh M. & **Glowacki L.** (in press) Human Social Organization during the Late Pleistocene: Beyond the nomadic-egalitarian model. *Evolution and Human Behavior*. [10.32942/osf.io/vusye](https://doi.org/10.32942/osf.io/vusye)

Hilton C., Moser C., Bertolo M., Lee-Rubin H., Amir D., Bainbridge C., Simson J., Knox D., **Glowacki L.**, Alemu, E., Galbarczyk, A., Jasienska, G., Ross C., Neff M. B., Martin A., Cirelli, L. K., Trehub, S. E., Song, J., Kim, M., Schachner A., Vardy T., Atkinson Q., Salenius A., Andelin J., Antfolk J., Madhivanan P., Siddaiah A., Placek C., Salali G., Keestra S., Singh M., Collins S., Patton J., Scaff C., Stieglitz J., Ccari Cutipa, S. Moya C., Sagar R., Anyawire M., Mabulla A., Wood B., Krasnow M., & Mehr S. 2022. Acoustic regularities in infant-directed speech and song across cultures. *Nature Human Behaviour*.
<https://doi.org/10.1038/s41562-022-01410-x>

Dogan G., **Glowacki L.**, & Rusch H. 2022. Are strangers just enemies you have not yet met? Group identities, not intergroup relations, shape ingroup bias in three natural groups. *Philosophical Transactions of the Royal Society: Biological Sciences* 377:20210419.

- ***Glowacki L.** & McDermott R. 2022. Key individuals catalyze collective violence. *Philosophical Transactions of the Royal Society: Biological Sciences* 377:20210141.
- ***Glowacki L.** & Lew-Levy Sheina. 2021. How small-scale societies achieve large-scale cooperation. *Current Opinion in Psychology* 44:44-48.
- Savage P., Loui P., Tarr B., Schachner A., **Glowacki L.**, Mithen S., Fitch T. *In press*. Music as a coevolved system for social bonding. *Behavioral and Brain Sciences*.
<https://doi.org/10.1017/S0140525X20000333>
- Glowacki L.** 2020. The emergence of locally adaptive institutions: insights from the traditional social structures of East African Pastoralists. *Biosystems* 198: 104257.
- ***Glowacki L.**, Wilson M. & Wrangham R. 2020. The evolutionary anthropology of war. *Journal of Economic Behavior and Organization* 178: 963-982.
- *Mehr, S., *Singh, M., Knox, D., Ketter, D. M., Pickens-Jones, D., Atwood, S., Lucas, C., Egner, A. A., Jacoby, N., Hopkins, E. J., Howard, R. M., Hartshorne, J. K., Jennings, M. V., Simson, J., Bainbridge, C. M., Pinker, S., O'Donnell, T. J., Krasnow, M. M., & ***Glowacki, L.** 2019. Universality and diversity in human song. *Science* 366, eaax0868:1–17.
- *Wild H, ***Glowacki L.**, Maples S, Mejía-Guevara I, Krystosik A, Bonds M, Hiruy A, LaBeaud D & Barry M. 2019. Making pastoralists count: geospatial methods in the surveillance of a nomadic population. *American Journal of Tropical Medicine and Hygiene* 101:661-669.
- +Dogan G., +***Glowacki L.**, & +*Rusch H. 2018. Spoils division rules shape aggression between natural groups. *Nature Human Behaviour* 2: 322-326.
 +Equal contribution; order listed alphabetically.
- Mehr S., Singh M., York H., **Glowacki L.**, & Krasnow M. 2018. Form and function in human song. *Current Biology* 28: 356-368. doi.org/10.1016/j.cub.2017.12.042
- Singh M., Wrangham R. & **Glowacki L.** 2017. Self-interest and the design of rules. *Human Nature* 28: 457-480.
- ***Glowacki L.** & Molleman L. 2017. Subsistence styles shape human social learning strategies. *Nature Human Behaviour* 1: 0098.
- Glowacki L.**, Isakov A., McDermott R., Wrangham R., Fowler J. & Christakis N. 2016. Formation of raiding parties for inter-group violence is mediated by social network structure. *Proceedings of the National Academy of Sciences USA* 43: 12114-12119.
- Singh M., **Glowacki L.** & Wrangham R. 2016. Self-interested agents create, maintain, and modify group-functional culture. *Behavioral and Brain Sciences* 39:40-41 [Commentary].
- Isakov A., Holcomb A., **Glowacki L.** & Christakis N. 2016. Modeling the role of network and individual differences in inter-group violence. *PLoS ONE* 11: e018314

*von Rueden C., Gavrillets S. & ***Glowacki** L. 2015. Solving the puzzle of collective action through inter-individual differences. *Philosophical Transactions of the Royal Society B: Biological Sciences* 370: 20150002.

***Glowacki** L. & von Rueden C. 2015. Leadership solves collective action problems in small-scale societies. *Philosophical Transactions of the Royal Society B: Biological Sciences* 370: 20150010.

McAuliffe K., Wrangham R., **Glowacki** L. & Russell A. 2015. When cooperation begets cooperation: the role of key individuals in galvanizing support. *Philosophical Transactions of the Royal Society B: Biological Sciences* 370: 20150012.

***Glowacki** L. & Wrangham R. 2015. Cultural institutions can provide adaptive benefits for costly cooperation. *Proceedings of the National Academy of Sciences USA* 112: E2558 [Letter].

***Glowacki** L. & Wrangham R. 2015. Warfare and reproductive success in a tribal population. *Proceedings of the National Academy of Sciences USA* 112: 348-353.

***Glowacki** L. & Wrangham R. 2013. The role of rewards in motivating participation in simple warfare. *Human Nature* 24: 444-460.

Glowacki L. & Gönc K. 2013. Customary institutions in pastoralist societies: a neglected potential for conflict resolution. *Conflict Trends* 1: 26-32.

Wrangham R. & **Glowacki** L. 2012. Intergroup aggression in chimpanzees and war in nomadic hunter-gatherers: evaluating the chimpanzee model. *Human Nature* 23: 5-29.

BOOK CHAPTERS AND EDITED VOLUMES

Glowacki L., Gavrillets S. & von Rueden C (eds). 2015. Solving the puzzle of collective action through inter-individual differences: evidence from primates and humans. *Philosophical Transactions of the Royal Society* 370.

Wilson M. & **Glowacki** L. 2017. Violent cousins: chimpanzees, humans, and the roots of war. Muller M., Wrangham R. & Pilbeam D. (eds). *Chimpanzees and Human Evolution*. Cambridge, MA: Harvard University Press.

COMMENTARIES AND REVIEWS

Glowacki L. 2021. The radical origins of anthropology. *Anthropology Book Forum* 7(1).

*Buckner W. & **Glowacki** L. 2019. Reasons to strike first [Commentary]. *Behavioral and Brain Sciences*. 42: e119

Glowacki L. 2019. War is easy but peace is hard. 2019. Comment on collective action for war and peace: A case study among the Enga of Papua New Guinea. *Current Anthropology* 60: 238-239

Glowacki L. 2018. The cultural evolution of war rituals. *Behavioral Sciences and Brain Sciences*. 41: e74 [Commentary].

Glowacki, L. 2016. Review of Violence and Warfare among Hunter-Gatherers. Mark W. Allen and Terry L. Jones, eds. Walnut Creek, CA. Left Coast Press. *Journal of Anthropological Research* 72:124-125.

MEDIA PUBLICATIONS

Glowacki L. *The Washington Post* March 24, 2016
How the tribal war of our ancestors explains the Islamic State.

Glowacki L. *The Los Angeles Times* Jan. 19, 2014
Are people violent by nature?

Glowacki L. *Anthropology News* 2013
Pastoralism's crisis in East Africa.

Glowacki L. *SORC Newsletter* 3(1):4 2013
Milk, water, and grass.

Glowacki L. *The New York Times* August 9, 2012
Stories that matter.

Glowacki L. *Christian Science Monitor* December 13, 2011
A message to Occupy.

Glowacki L. *Marshfield Mariner* Nov. 1, 2011
Evidence of evolution is overwhelming.

REPORTS

Glowacki L. & Gönc K. 2015. Conflict and development needs assessment in land investment areas of southern Ethiopia. Published internally for the German Agency for International Cooperation (GIZ IS). Addis Ababa: Ethiopia.

Glowacki L. & Gönc K. 2013. Investigating the potential of peace committees in Ethiopia. A needs assessment in IGAD CEWARN's Karamoja and Somali clusters. Addis Ababa: IGAD CEWARN.

SYMPOSIA AND WORKING GROUPS ORGANIZED

Co-organizer, Workshop on "Reorganizing social organization: Building a science of human societies". Max Planck Institute for Evolutionary Anthropology. June 2019.

Co-organizer, Workshop on "Evolutionary approaches to the understanding of warfare". National institute for Mathematical and Biological Synthesis (NIMBioS). September 2015.

Co-organizer, "Inter-individual differences in collective action". Invited poster symposium at 84th Annual Meeting of the American Association of Physical Anthropologists, March 2015.

INVITED TALKS

LEVYNA, Department for the Study of Religions April 2022

Masaryk University, Czech Republic	
Center for Human Evolutionary Studies Rutgers University	April 2022
Institute for Advanced Study in Berlin (<i>Wissenschaftskolleg zu Berlin</i>). Workshop on War and peace since life began: Toward a unified evolutionary theory of intergroup relationships	September 2021
Department of Psychology, Social Psychology Wing Harvard University	October 2019
Centre for Cultural Evolution, Stockholm University Symposium on Violence and its Variation	April 2019
European Human Behaviour and Evolution Association (Plenary) Toulouse, France	April 2019
Department of Experimental Anthropology Université Catholique de Lille	February 2018
IAST-Fondation Royaumont Workshop The Origins of Music in Human Society Paris, France	December 2017
Evolutionary Models of Leadership Across Human Society Jepson School of Leadership, University of Richmond	December 2017
Behavior, Economics, and Evolution Lecture Series University of Lausanne, Switzerland	March 2017
Station d'Ecologie Experimentale du CNRS, Moulis, France	March 2017
Anthropology Department Colloquium Pennsylvania State University	November 2016
Anthropology Department Colloquium, University of California-Santa Barbara	December 2015
Comparative Behavioral Biology Workshop. University of Chicago	November 2015
Old World Archaeology Program. University of Connecticut	October 2015
Workshop on Evolution and Warfare. National Institute for Mathematical and Biological Synthesis (NIMBioS). University of Tennessee	September 2015
The origins of violence. Women Explore. Cambridge, MA.	March 2015
Warfare in an interdisciplinary perspective. Simon Fraser University	February 2015

Human Nature Lab. Institute for Network Science. Yale University. March 2014

Bioanthropology Colloquium. Department of Anthropology. Yale University 2013

Interrelated Conflicts in Northeast Africa Border Region. Max Planck Institute for Social Anthropology 2013

Winter University. Max Planck School on Retaliation, Mediation, & Punishment. 2013

LECTURES

Panelist, Khodadad Distinguished Lecture on Greed and Human Suffering, Department of Psychological and Brain Sciences, Boston University 2022

Tertulia, The Evolution of Peace, Boston University 2022

Boston University, College of General Studies, Social Science 103 2022

SERVICE

Editorial Boards

American Anthropologist (2017-2020)

Human Nature (2017-present)

Reviewing (25+ separate journals, two academic presses)

American Anthropologist, American Journal of Tropical Medicine and Hygiene, Animal Behaviour, Behavioral and Brain Sciences, Behavioral Ecology and Sociobiology, Cambridge University Press, Current Anthropology, Current Opinion in Environmental Sustainability, Evolution and Human Behavior, Evolutionary Anthropology, Evolutionary Behavioral Sciences, Evolutionary Human Sciences, Evolutionary Psychology, Group Processes & Intergroup Relations, Journal of Biogeography, Human Ecology, Human Nature, Nature Human Behaviour, Perspectives on Psychological Science, Philosophical Transactions of the Royal Society, Proceedings of the National Academy of Sciences (PNAS), Proceedings of the Royal Society B, Psychology of Violence, Quaternary Science Reviews, Rowman and Littlefield Publishers, Royal Society Open Science, Science Advances, Scientific Reports, The Leadership Quarterly

Grant Reviewing

Czech Science Foundation, Leakey Foundation, National Science Foundation, Natural Environment Research Council (UK)

Other

Grant Advisory Panel: National Science Foundation: The evolutionary origins of leadership in chimpanzees: from individual minds to collective action. PI: Alexandra Rosati, Zarin Machanda, Melissa Emery Thompson, Martin Muller

University and Departmental Service

Boston University

Guest speaker: Professionalization and Wine. Academic Job Search 101. September 20, 2021

Graduate Student Admissions Committee 2021-2022
Bloom Fellowship Committee 2021-2022

Penn State University

Museum Committee: Jan 2019-Present
Graduate Committee: 2018-2019
Website Committee: 2018-Present

ADVISING

Undergraduate Thesis

Noelle Musolino, Penn State University

Graduate Advisor

Tori Gamel, Penn State University (MA)
Joon Hwang, Penn State University (PhD)
Dithapelo Medupe, Penn State University (PhD)

PhD External Committee Member

Manvir Singh, Harvard University, April 2020
Hristo Hristov, Oxford University, February 2020

MEDIA COVERAGE

2022: *New York Times*, *Center for Innovation in Social Science (BU) Meet our Faculty*
2021 *New Scientist*, *Nautilus Magazine*, *Wired Magazine*
2020 *Behavioral Brain Sciences Article: Discover Magazine*, *New York Times*
2019 *Science Article: Smithsonian*, *Le Monde*, *Reuters*, *Newsweek*, *Scientific American*, *Nature*,
The Wall Street Journal, *Forbes*, *Popular Science*, *The Times of London*, *National Geographic*,
The Daily Star (India), *Psychology Today*, *Prospect Magazine*, etc.
2019 Other: *Psychology Today*, *Harvard Gazette*, *Skeptic.com*
2018 *Current Biology Article: The Atlantic*, *NPR Morning Edition*, *PRI's Science Friday*, *The*
New York Times, *The Economist*, *Smithsonian*, *The Boston Globe*, etc.
2017: *New Scientist*
2016 PNAS Paper: *CT Post*, *Daily Mail*, *Psychology Today*, *Yale News*
2016 Other: *New York Times*, *Scientific American*, *Washington Post*
2015 PNAS paper: *BBC4*, *Daily Mail*, *India Today*, *LA Times*, *Science*, *Wall Street Journal*
2013: *Wall Street Journal*

Published Photography

New York Times, July 24, 2022
The National Post (Canada), May 4, 2021
Current Anthropology vol 61:1, 2020
Stanford News, November 27, 2019
Sapiens, May 21, 2019
Cbc.ca November 25, 2019
The Conversation, May 2, 2019
The Harvard Gazette, December 10, 2018

Ethnographie des Fusils Jaunes: Éthiopie I. 1970-1971, 2017.
Nature Human Behaviour 1: 2017
Yale News, October 10, 2016.
Philosophical Transactions of the Royal Society Biology (Cover) 2015
Conflict Trends, 2013
Digital Journal, March 13, 2011

TEACHING

Boston University

AN 321 Cognition and Culture Fall 2021
AN 591 Special topics in Biological Anthropology Spring 2022

Penn State

Cultural Diversity (Anth 45Q) Spring 2019, 2020
Evolution of War (Anth 444) Spring 2019, 2020

Harvard

Supervised Research in Human Evolutionary Biology 2015
Thesis Workshop Mentor for Mind, Brain, and Behavior Initiative 2010 & 2014
Evolution of Human Behavior (Teaching Fellow) 2014
Sophomore Tutorial in Human Evolutionary Biology 2011
Anatomy and Physiology (Teaching Fellow) 2010