

Luke Glowacki

Department of Anthropology
Boston University
laglow@bu.edu

PROFESSIONAL APPOINTMENTS

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

Omo Valley Research Project 2020-Present
Co-Director and President

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

GRANTS AND FELLOWSHIPS

NSF Human Networks and Data Science Program Award # 2214088: Network 2022
formation and function within and between groups (\$447,116). Role: PI.

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 2016-2017
(co-authored with Richard Wrangham & Martin Nowak, \$80,000)

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 2011
(Grant #1132859, PI: Karen Kramer)

Mind, Brain, and Behavior Research Award, Harvard University 2010

Dissertation Completion Fellowship, Harvard University 2014

Cora du Bois Charitable Trust Dissertation Fellowship 2014

Merit Fellowship, Harvard University 2013

Sheldon Traveling Fellowship, Harvard University 2012

Tanner Fellowship, University of Utah 2007

AWARDS

Margo Wilson Award for Best Paper in Evolution and Human Behavior	2023
New Investigator Award <i>European Human Behaviour and Evolution Association</i>	2019
IAST Multidisciplinary Prize (with Alice Baniel, €40,000) <i>Understanding male-female aggression in mammals and humans using a comparative perspective</i>	2017
Lagerspetz Award for Exceptional Presentation <i>International Society for Research on Aggression</i>	2014
Best Student Investigator Award <i>Evolutionary Anthropology Section, American Anthropological Association</i>	2013

OTHER PROFESSIONAL EXPERIENCE

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

AFFILIATIONS

Department of Human Evolutionary Biology, Harvard University	2016-Present
South Omo Research Center, Jinka, Ethiopia	Affiliated Researcher
Max Planck Institute for Social Anthropology	Visiting Scholar (2013)

PUBLICATIONS

* Corresponding author; + equal contribution; & student supervisee

JOURNAL ARTICLES (PEER-REVIEWED)

***Glowacki L.** 2024. The Evolution of Peace. *Behavioral and Brain Sciences*: 47 1-71.

Yurdum L., Singh M., **Glowacki L.**, Vardy T., Atkinson Q., Hilton C., Sauter D., Krasnow M., & Mehr, S. 2023. Universal interpretations of vocal music. *Proceedings of the National Academy of Sciences* 120: e2218593120 <https://doi.org/10.1073/pnas.2218593120>

Garfield Z., Buckner W., *Medupe D., Wrangham R. & ***Glowacki L.** 2023. Norm violations and punishments across human societies. *Evolutionary Human Sciences* 5:e11 <https://doi.org/10.1017/ehs.2023.7>

&Medupe D., Shenk M., Roberts S. & ***Glowacki L.** 2023. Why did foraging, horticulture, and pastoralism persist after the Neolithic transition? The oasis theory of agricultural intensification. *Philosophical Transactions of the Royal Society—Biological Sciences* 378:20220300.

Singh M. & **Glowacki L.** 2022. Human Social Organization during the Late Pleistocene: Beyond the nomadic-egalitarian model. *Evolution and Human Behavior* 43(5):418-431.

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* 6:1545-1556.

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. 2021. Music as a coevolved system for social bonding. *Behavioral and Brain Sciences* 44:e59

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.

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.

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., Gavrilets 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. 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.

PAPERS IN REVIEW, RESUBMISSION, OR PREPRINT PUBLISHED

Glowacki L., Morath F. & Rusch H. High minority power facilitates democratization across ethnic fault lines.

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

Glowacki L. Myths about the evolution of war: apes, foragers, and the stories we tell. <https://doi.org/10.32942/X2JC71>

BOOK CHAPTERS AND EDITED VOLUMES

Glowacki L., Gavrilets 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. Author's response: The challenge of peace. *Behavioral and Brain Sciences*. 2024;47:e32. doi:10.1017/S0140525X23002790

Glowacki L. 2023. Multiple origins for the evolution of collective rituals. *Religion, Brain, and Behavior*. <https://doi.org/10.1080/2153599X.2023.2197978>

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

*Buckner W. & **Glowacki L.** 2019. Reasons to strike first. *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.

Singh M., **Glowacki L.** & Wrangham R. 2016. Self-interested agents create, maintain, and modify group-functional culture. *Behavioral and Brain Sciences* 39:40-41.

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.

***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].

POPULAR AUDIENCE

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*
A message to Occupy.

December 13, 2011

Glowacki L. *Marshfield Mariner*
Evidence of evolution is overwhelming.

Nov. 1, 2011

CONSULTANT REPORTS

Glowacki L. 2022. Deploying a satellite imagery-generated sampling framework in the field. Developed for Stanford University Medical School.

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

2023 Cooperation Colloquia. International colloquia series hosted jointly between Vrije Universiteit Amsterdam, the University of Vienna, and M.I.T.

2023 LEVYNA, Department for the Study of Religions, Masaryk University, Czech Republic

2022 Center for Human Evolutionary Studies Rutgers University

2021 Institute for Advanced Study in Berlin (*Wissenschaftskolleg zu Berlin*). War and peace since life began: Toward a unified evolutionary theory of intergroup relationships

2019 Department of Psychology, Social Psychology Wing, Harvard University

2019 Centre for Cultural Evolution, Stockholm University, Symposium on Violence and its Variation

2019 European Human Behaviour and Evolution Association (Plenary). Toulouse, France

2018 Department of Experimental Anthropology, Université Catholique de Lille

2017 IAST-Fondation Royaumont, The Origins of Music in Human Society Paris, France

2017 Evolutionary Models of Leadership Across Human Society, Jepson School of Leadership, University of Richmond

2017 Behavior, Economics, and Evolution Lecture Series, University of Lausanne, Switzerland

2017 Station d'Ecologie Experimentale du CNRS, Moulis, France

2016 Anthropology Department Colloquium, Pennsylvania State University

2015 Anthropology Department Colloquium, University of California-Santa Barbara

2015 Comparative Behavioral Biology Workshop. University of Chicago

2015 Old World Archaeology Program. University of Connecticut

2015 Workshop on Evolution and Warfare. National Institute for Mathematical and Biological Synthesis (NIMBioS). University of Tennessee

2015 The origins of violence. Women Explore. Cambridge, MA.

2015 Warfare in an interdisciplinary perspective. Simon Fraser University

2013 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.

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

SERVICE

Editorial Boards

American Anthropologist (2017-2020)

Human Nature (2017-present)

Evolution and Human Behavior (Review Board) (2023-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

European Research Council (€3,200,000)

Leakey Foundation

National Science Foundation

Natural Environment Research Council (UK) (£1,600,000)

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
- Pathfinder Educational Divide Reform, Anthropology program. 2022 & 2023

University and Departmental Service

Boston University College of Arts and Sciences

- CAS Conduct Liaison for Anthropology. 2023

Boston University Graduate School of Arts and Sciences

- Bloom Fellowship Committee. 2021 & 2022

Boston University Department of Anthropology

- CAS Undergraduate Major Fair. October 30, 2023
- Panelist Anthropology in the Works. September 2023.
- Guest Speaker: Graduate Student Professional Development Series. Topic: Writing for popular audiences. March 1, 2023
- Guest Speaker: Graduate Student Professional Development Series. Topic: Preparing an academic CV. October 5, 2022
- Guest speaker: Graduate Student Professional Development Series. Academic Job Search 101. September 20, 2021
- Graduate Student Admissions Committee. 2021-2022

Pennsylvania State University

- Museum Committee: Jan 2019-2020
- Graduate Committee: 2018-2019

- Website Committee: 2018-2020

ADVISING

Undergraduate Thesis Supervisor

Noelle Musolino, Penn State University

Undergraduate Thesis Committee Member

Victoria Zdanowicz, Boston University

Graduate Advisor

Dithapelo Medupe, Penn State University (PhD)

Brooke Rothamer, Boston University (PhD)

Bhavya Deepti Vadavalli, Boston University (PhD)

PhD External Committee Member

Christian Gagnon, Boston University, December 2023

Dan Řezníček, Masaryk University, May 2023

Manvir Singh, Harvard University, April 2020

Hristo Hristov, Oxford University, February 2020

MEDIA COVERAGE

2023: *History.com, Dissenter Podcast, NZZ (German language newspaper)*

2022: *Center for Innovation in Social Science (BU) Meet our Faculty, New York Times*

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

Guest Lectures

Boston University, College of General Studies, Social Science 103	2022& 2023
Boston University, AN 102: Human Biology, Behavior, and Evolution	2022

Boston University

AN 262 The Evolution of Culture and Society	Fall 2022 & 2023
AN 321 Cognition and Culture	Fall 2021-2023
AN 591 Special topics in Biological Anthropology	Spring 2022

Pennsylvania State University

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

Harvard University

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