

Luke Glowacki

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APPOINTMENTS

Assistant Professor, Department of Anthropology
Pennsylvania State University
July 2018

Research Fellow
Institute for Advanced Study in Toulouse
2016-2018

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

EDUCATION

Ph.D. in Human Evolutionary Biology
Harvard University
2009-2015

GRANTS

Mind, Brain, and Behavior Research Award, Harvard University
(\$80,000, co-authored with Richard Wrangham & Martin Nowak)
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
2011
(Grant #1132859, PI: Karen Kramer)
Mind, Brain, and Behavior Research Award, Harvard University
2010

FELLOWSHIPS

Dissertation Completion Fellowship, Harvard University
2014
Cora du Bois Charitable Trust Dissertation Fellowship
2014
Merit Fellowship, Harvard University
2013
Sheldon Traveling Fellowship, Harvard University
2011-2012
Tanner Fellowship, University of Utah
2007

AWARDS

IAST Multidisciplinary Prize (with Alice Baniel, \$40,000)
Understanding male-female aggression in mammals and humans using a comparative perspective
2017
Lagerspetz Award for Exceptional Presentation
International Society for Research on Aggression
2014
Best Student Investigator Award
Evolutionary Anthropology Section, American Anthropological Association
2013

OTHER PROFESSIONAL EXPERIENCE

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

AFFILIATIONS

Department of Human Evolutionary Biology, Harvard University Research Associate
Institute of Ethiopian Studies, Addis Ababa University, Ethiopia Affiliated Researcher
South Omo Research Center, Jinka, Ethiopia Affiliated Researcher
Max Planck Institute for Social Anthropology Visiting Scholar (2013)

JOURNAL ARTICLES

⁺Dogan G., ⁺**Glowacki L.**, & ⁺Rusch H. 2018. Spoils division rules shape aggression between natural groups. *Nature Human Behaviour*. doi:10.1038/s41562-018-0338-z
⁺Equal contribution; order listed alphabetically.

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

Mehr S., Singh M., York H., **Glowacki L.**, & Krasnow M. 2018. Form and function in human song. *Current Biology*. doi.org/10.1016/j.cub.2017.12.042

Glowacki L., Wilson M. & Wrangham R. 2017. The evolutionary anthropology of war. *Journal of Economic Behavior and Organization*. DOI: 10.1016/j.jebo.2017.09.014

Singh M., Wrangham R. & **Glowacki L.** 2017. Self-interest and the design of rules. *Human Nature*. DOI: 10.1007/s12110-017-9298-7

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*. DOI:10.1073/pnas.1610961113

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

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: sigmoidal benefit functions and unattainable asymptotes. *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., 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.

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.

INVITED TALKS & PRESENTATIONS

Department of Experimental Anthropology February 2018
Université Catholique de Lille

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

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

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

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

Anthropology Department Colloquium November 2016
Pennsylvania State University

Anthropology Department Colloquium, December 2015
University of California-Santa Barbara

Comparative Behavioral Biology Workshop. University of Chicago November 2015

Old World Archaeology Program. University of Connecticut October 2015

Intergroup Neuroscience Lab. Dept. of Psychology. Harvard University September 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 Talk. 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

SYMPOSIA AND WORKING GROUPS ORGANIZED

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.

TEACHING (HARVARD)

Supervised Research in Human Evolutionary Biology 2015

Thesis Workshop Mentor for Mind, Brain, and Behavior Initiative 2010 & 2014

Teaching Fellow for Evolution of Human Behavior 2014

Sophomore Tutorial in Human Evolutionary Biology 2011

Teaching Fellow for Anatomy and Physiology 2010

SERVICE

Editorial Boards

American Anthropologist, Human Nature

Reviewing

American Anthropologist, Animal Behaviour, Behavioral Ecology and Sociobiology, Current Anthropology, Evolution and Human Behavior, Evolutionary Anthropology, Evolutionary Psychology, Group Processes & Intergroup Relations, Human Nature, Leakey Foundation, 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, Royal Society Open Science, Science Advances, Scientific Reports, The Leadership Quarterly

CONFERENCES

Rusch H., Dogan G, & Glowacki L. How to divide to conquer: Spoils division rules shape aggression between natural groups. Paper presented at the Human Behavior and Evolution Society Annual Conference, Amsterdam, The Netherlands. July 2018.

Mehr S. A., Singh M., York H. W., Glowacki L., & Krasnow M. Form and function in human song. Paper presented at the Human Behavior and Evolution Society Annual Conference, Amsterdam, The Netherlands. July 2018.

Mehr S., Singh M., Jacoby N., York H., O'Donnell T., Krasnow M., & Glowacki L. Universality of infant-directed music. Human Behavior and Evolution Society Annual Conference. Boise, ID, USA. June 2017.

Molleman L & Glowacki L. Subsistence styles shape human social learning strategies. European Human Behaviour and Evolution Association Annual Conference. Paris, France. 2017.

von Rueden C. & Glowacki L. Leadership solves collective action problems in small-scale societies. 28th Annual Meeting of the Human Behavior and Evolution Society. Vancouver, Canada. 2015.

Glowacki L. Differences between leaders and non-leaders in small-scale warfare and implications for collective action. 84th Annual Meeting of the American Association of Physical Anthropologists. St. Louis, MO. 2015.

McAuliffe K., Wrangham R., Glowacki, L. & Russell A. The effect of key individuals on collective action. 84th Annual Meeting of the American Association of Physical Anthropologists. St. Louis, MO. 2015

Glowacki L. What pastoralists can tell us about the evolution of war. Invited contribution at the International Society for Research on Aggression. Atlanta, Georgia. 2014

Glowacki L. Raiding party formation, composition, and the collective action problem: results from an East African pastoralist society. Contributed talk at the annual meeting of the American Anthropological Association Annual Meeting. Chicago, Illinois. 2013

Glowacki L. & Scholes C. NPP, population density and rates of warfare among foragers. The Evolution of Human Aggression Workshop. University of Utah. 2009

Glowacki L. & Scholes C. Benefits, revenge, and risk in intergroup aggression. The Evolution of Human Aggression Workshop. University of Utah. 2009

Glowacki L. Dual process theories of moral judgment and the evolution of morality. VI. Gottinger Freilandtage: Primate Behavior and Human Universals. Gottingen, Germany. *Primate Reports* SI:30. 2007.