

# Luke Glowacki

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## APPOINTMENTS

Assistant Professor, Department of Anthropology 2018- Present  
Pennsylvania State University

Associate, Human Evolutionary Biology 2016-Present  
Harvard 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 2009-2015  
Harvard University

## 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 2012  
Tanner Fellowship, University of Utah 2007

## 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*

## GRANTS

Center for Global Studies, Pennsylvania State University, \$2000 2019  
Mind, Brain, and Behavior Research Award, Harvard University 2016-2017

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

#### OTHER PROFESSIONAL EXPERIENCE

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

#### AFFILIATIONS

Arba Minch University, Ethiopia	Affiliated Researcher
South Omo Research Center, Jinka, Ethiopia	Affiliated Researcher
Max Planck Institute for Social Anthropology	Visiting Scholar (2013)

#### JOURNAL ARTICLES

\* Denotes corresponding authorship

\*Mehr, S., \*Singh, M., Knox, D., Ketter, D., Pickens-Jones, D., Atwood, S., Lucas, C., Egner, A., Jacoby, N., Hopkins, E., Howard, R. M., O'Donnell, T., Pinker, S., Krasnow, M., & \***Glowacki**, L. In Press. Universality and diversity in human song. *Science*.

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 Hygiene and Medicine*.

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*.

+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.

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

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

**Glowacki** L., Wilson M. & Wrangham R. 2017. The evolutionary anthropology of war. *Journal of Economic Behavior and Organization*.

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].

**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.

#### SELECT 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.** *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 84<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, March 2015.

## INVITED TALKS & PRESENTATIONS

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 Annual Conference  
(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

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

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 Talk. Department of Anthropology. Yale University

2013

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

2013

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 Human Sciences, 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