

Laura Simone Lewis

UC Berkeley, Department of Psychology
lauralewis@berkeley.edu

ACADEMIC EMPLOYMENT AND EDUCATION

- University of California Berkeley, CA** Dec. 2022 – Present
UC President’s Postdoctoral Fellow
Dept. of Psychology
Advisors: Alison Gopnik and Jan Engelmann
- The Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany** Aug. – Oct., 2022
Visiting Postdoctoral Researcher
Advisors: Erica Cartmill and Christopher Krupenye
- Harvard University, Cambridge, MA** Aug. 2016 – May 2022
Ph.D., Dept. of Human Evolutionary Biology
Thesis Committee: Jason Mitchell, Martin Surbeck, Erin Hecht, Josep Call, Christopher Krupenye
M.A., Dept. of Human Evolutionary Biology June 2018
- The University of St Andrews, St Andrews, Scotland** July 2018 – July 2022
Visiting Scholar, School of Psychology and Neuroscience
Advisors: Josep Call and Christopher Krupenye
- Duke University, Durham, NC** Aug. 2012 - May 2016
B.S. with Distinction in Evolutionary Anthropology and Biology
Concentration: Behavior, Ecology, and Cognition
- The Summer School in Social Neuroscience and Neuroeconomics, Duke University** Aug. 2017

FELLOWSHIPS AND RESEARCH GRANTS

- Joachim Herz Stiftung Workshop Grant (€30,000)** 2023
German government grant to support the development and implementation of the second iteration of “Bridging the Technological Gap” Workshop to teach early career researchers about technological innovations to study the cognition and behavior of the human and nonhuman animal mind
- UC President’s Postdoctoral Fellowship (\$60,000/year)** 2022
Postdoctoral fellowship through the UC President’s Office to support postdoctoral research with UC Berkeley Profs. Alison Gopnik and Jan Engelmann to explore the evolution of apes’ emotion perception
- Joachim Herz Stiftung Workshop Grant (€50,000)** 2022
German government grant to support the development and implementation of “Bridging the Technological Gap” Workshop to teach early career researchers about technological innovations to study the cognition and behavior of the human and nonhuman animal mind

Harvard Frederick Sheldon Traveling Fellowship (\$28,000)	2020
Travelling fellowship to support return to University of St Andrews as a traveling scholar for 12 months to conduct additional eye-tracking research on social cognition with chimpanzees and bonobos	
Harvard University Mind, Brain, and Behavior Graduate Student Award (\$6,000)	2018
Mind, Brain, and Behavior Interfaculty Initiative Graduate funding for research expenses as a visiting scholar at the University of St. Andrews, Scotland	
Harvard University GSAS Summer Predissertation Fellowship (\$3,000)	2018
Graduate school support for preliminary dissertation research	
Harvard Human Evolutionary Biology Departmental Research Funding (\$2,000)	2018
Departmental funding to support preliminary dissertation research	
NSF Graduate Research Fellowship (\$138,000)	2017 - 2022
Five year fellowship to support outstanding graduate students in STEM disciplines	
Harvard Presidential Scholar (\$10,000)	2016 - 2022
Fellowship program awarded to top graduate student applicants at Harvard University	
Harvard Graduate School of Arts and Sciences Fellowship (\$285,400)	2016
Harvard Graduate Fellowship for doctoral students	
Duke Dean's Summer Research Fellowship (\$1,500)	2015
Research project comparing activity budgets of two baboon populations in Western South Africa	
Duke Global Education Summer Research Fellowship (\$1,500)	2015
Research Fellowship awarded for summer research conducted in Western South Africa	
Howard Hughes Research Fellowship (\$4,300)	Summer 2013
Research Fellowship program with project focus on lemur social communication	

PUBLICATIONS

Lewis, L. & Krupenye, C. (2022). Eye-tracking as a window into great ape social cognition. *Invited submission, American Journal of Primatology*, e23393. ***Wiley Top Cited Article 2021 - 2022**

Lewis, L. S. and Krupenye, C. (2022). Theory of mind in nonhuman primates. In B. L. Schwartz & M. J. Beran (Eds.), *Primate Cognitive Studies*. Cambridge University Press.

Lewis, L. S., Kano, F., Stevens, J. M., DuBois, J. G., Call, J., & Krupenye, C. (2021). Bonobos and chimpanzees preferentially attend to familiar members of the dominant sex. *Animal Behaviour*, 177, 193-206.

Lewis, L., Kano, F., Wessling, E., Stevens, J., Call, J., & Krupenye, C. (*second invited revision at PNAS*). Bonobos and chimpanzees remember conspecifics for decades.

Lewis, L., Kano, F., Stevens, J., Call, J., & Krupenye, C. (*preparing for resubmission*). Do chimpanzees and bonobos know their groupmates' names?

Lewis, L., Verspeek, J., & Krupenye, C. (*in prep*). Social influence of food preferences in great apes.

Lewis, L., Laumer, L., Eckert, J., Winkler, S., & Krupenye, C., Cartmill, E. (*in prep*). Great apes' anticipation of others' surprise in false belief contexts.

Lewis, L., Kano, F., Stevens, J., Call, J., & Krupenye, C. (*in prep*). Differentiation of unknown male and female conspecifics in chimpanzees and bonobos.

Lewis, L. & Krupenye, C. (*in prep*). Probing chimpanzees' long-term memory for social and nonsocial hierarchies via touchscreen tasks.

CONFERENCE TALKS AND INVITED PRESENTATIONS

Lewis, L. (2023). The cognitive foundations of complex social relationships in great apes.
UC President's Postdoctoral Fellows Spring Retreat, Lake Arrowhead Lodge, California.

Lewis, L. (2023). Evolutionary and cognitive foundations of social relationships in great apes.
Invited Colloquium, **Department of Psychological and Brain Sciences**, University of California, Santa Barbara.

Lewis, L. (2023). The cognitive foundations of social relationships in great apes.
Evolutionary Anthropology Seminar Series, University College London.

Lewis, L. (2023). The cognitive foundations of complex social relationships in great apes.
Invited Colloquium, **Departments of Anthropology and Psychology**, New York University.

Lewis, L. (2023). Evolutionary and cognitive foundations of social relationships in great apes.
Invited Colloquium, **Department of Anthropology**, University of California, Los Angeles.

Lewis, L. (2022). Comparative Psychology: the evolution of social cognition in great apes.
Developmental Psychology Guest Lecture, UC Berkeley, California.

Lewis, L., Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2022). Investigating the cognitive foundations of social relationships in great apes. **Canine Cognition Lab**, Boston College, Massachusetts.

Lewis, L., Verspeek, J., Call, J., & Krupenye, C. (2022). Are some chimpanzees and bonobos more influential than others? **Scottish Primate Research Group Annual Meeting**, Edzell, Scotland.

Lewis, L. (2022). The cognitive foundations of social relationships in great apes. **Fedorenko Language Lab**, MIT, Massachusetts.

Lewis, L. (2022). Comparative eye-tracking research to investigate great ape social cognition.
Fumihiro Kano Lab Group. University of Konstanz, Germany.

- Lewis, L. & Krupenye, C. (2022).** Gaze-tracking with nonhuman primates. **Bridging the Technological Gap Workshop**. Göttingen, Germany.
- Lewis, L., Kano, F., Stevens J., Wessling, E., Call, J., & Krupenye, C. (2022).** Chimpanzees and bonobos remember groupmates for at least a decade. **European Federation of Primatology and the Fesellschaft für Primatologie Conference**, Arnhem, the Netherlands.
*Award: Best student talk, 2nd place
- Lewis, L. (2022).** The cognitive foundations of social relationships in great apes. **Behaviour and Evolution Research Group**, University of Stirling, Scotland.
- Lewis, L., Kano, F., Stevens J., Wessling, E., Call, J., & Krupenye, C. (2021).** Social attention and long-term social memory in zoo-living bonobos (*Pan paniscus*) and chimpanzees (*Pan troglodytes*). **Joint Meeting of the International Primatological Society and the Latin American Society of Primatology**, Quito, Ecuador.
- Lewis, L. (2021).** Social attention and decade-long social memory in chimpanzees and bonobos. **Max Planck Institute for Evolutionary Anthropology Guest Talk**, Leipzig, Germany.
- Lewis, L. (2021).** Our great ape cousins: exploring social cognition in chimpanzees and bonobos. **Soroptimist International Guest Talk**, Edinburgh, Scotland.
- Lewis, L. (2021).** Long-term social memory in great apes. **Animal Behavior Guest Lecture**, Franklin & Marshall College, Pennsylvania.
- Lewis, L. (2021).** Comparative Psychology: the evolution of social cognition in great apes. **Developmental Psychology Guest Lecture**, UC Berkeley, California.
- Lewis, L., Kano, F., Stevens J., Wessling, E., Call, J., & Krupenye, C. (2021).** Decade-long social memory in chimpanzees and bonobos. **Animal Behavior Society Virtual Meeting**.
- Lewis, L. (2021).** Eye tracking as a window into great ape social cognition. **New York Regional Primatology Series, New York Consortium of Evolutionary Primatology**, New York City, New York.
- Lewis, L. Kano, F., Stevens J., Wessling, E., Call, J., & Krupenye, C. (2021).** The evolution of long-term social memory in great apes. **Behavior, Ecology, and Evolution Graduate Student Conference**, University of Oxford, England.
- Lewis, L. (2021).** Exploring social attention and long-term memory in great apes. **Primate Behavioural Ecology & Conservation, York University's Glendon Campus**, Toronto, Ontario
- Lewis, L. (2021).** The evolution of long-term social memory in great apes. **Behavior, Ecology, and Physiology Seminar Series**, Bangor University, Wales.
- Lewis, L. (2021).** The evolution of social cognition in great apes. **Exploring Diverse Intelligences Guest Lecture**, St. Mary's College, California.

- Lewis, L.** (2020). The evolution of primate social cognition. **Primate Behaviour Lecture Interview**, University College London, London, England.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2020) The evolution of social attention and long-term social memory in great apes. **Comparative Cognition Lab**, Yale University, New Hampshire.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2019) The evolution of great ape social attention and long-term social memory. **Northeastern Evolutionary Primatology Conference**, UMass Amherst, Massachusetts.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2019) The evolution of social attention: Comparative eye-tracking research with chimpanzees and bonobos. **Harvard Mind, Brain, and Behavior Interfaculty Initiative**, Harvard University, Massachusetts.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2019) The evolution of social attention and long-term social memory in great apes. **Social Origins Lab**, UC Berkeley, California.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2019) Eye-tracking research with bonobos and chimpanzees: exploring social attention. **Edinburgh Zoo Evening Talk**, Scotland.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2019) The evolution of social attention: eye-tracking research with bonobos and chimpanzees. **Scottish Primate Research Group Annual Meeting**, Edzell, Scotland.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2019) The evolution of social attention: eye-tracking research with bonobos and chimpanzees. **Behavioral Discussion Group**, University of St. Andrews, Scotland.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2019) Eye-tracking research with bonobos and chimpanzees: exploring social attention. **ZOO Science Lecture**, Antwerp Zoo, Belgium.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2019) Eye-tracking research with bonobos and chimpanzees: exploring social attention. **ZOO Science Lecture**, Planckendael Zoo, Belgium.
- Lewis, L.,** Kano, F., Stevens, J., DuBois, J., Call, J., & Krupenye, C. (2018) Bonobo and Chimpanzee Ingroup-Outgroup Discrimination. **Bonobo Research Network Workshop**, Antwerp, Belgium.

RESEARCH EXPERIENCE

Social Origins Comparative and Developmental Lab January 2023 – Present
 University of California, Berkeley; PI's: Profs. Alison Gopnik and Jan Engelmann

Social Origins Developmental Lab

Postdoctoral research, behavioral and technological methods to test social cognition in children

Ngamba Island Chimpanzee Sanctuary, Uganda

Postdoctoral research, behavioral and technological methods to test social cognition in chimpanzees

Centre for Social Learning and Cognitive Evolution

Jul. 2018 – August 2022

University of St. Andrews; PI's: Professor Josep Call and Dr. Chris Krupenye

Edinburgh Zoo

Dissertation research using eye-tracking methods to explore chimpanzee social cognition.

Planckendael Zoo

Dissertation research using eye-tracking methods to explore bonobo social cognition.

Affective Neuroscience and Development Laboratory

Fall 2017- Spring 2018

Harvard University; PI's: Dr. Leah Somerville and Dr. Barbara Braams

Northwest Labs

Research assistant using fMRI methods to investigate peer influence on decision-making.

Cognitive Evolution Group

Fall 2016-Fall 2017

Harvard University; PI: Dr. Alex Rosati

Caribbean Primate Research Center: Cayo Santiago

Explored rhesus macaques' biases in sequence observation, such as hot hand bias and gambler's fallacy.

Hominoid Psychology Research Group

Fall 2012-May 2016

Duke University; PI: Dr. Brian Hare

Duke Canine Cognition Center

Research assistant investigating how dogs interpret humans' communicative cues.

Duke Lemur Center

Research assistant investigating lemur social group discrimination based on communicative cues.

North Carolina Zoo

Research investigating chimpanzee processing of social and nonsocial hierarchies using touchscreens.

Tokai Baboon Project

Summer 2015

Duke University; PI's: Dr. Larissa Swedell and Dr. Steffen Foerster

Cape Town and Kysna, South Africa

Comparative research on chacma baboon activity budgets in Table Mountain National Park and the Knysna-Amatole Rainforest, South Africa.

AD HOC REVIEWER:

Journal: Proceedings of the Royal Society B: Biological Sciences (Editorial Manager: Thore Bergman)

Journal: Nature Scientific Reports (Editorial Manager: Richard White)

Journal: Animal Behavior and Cognition (Editorial Manager: Jennifer Vonk)

Journal: Interaction Studies (Editorial Manager: Angelo Cangelosi)

Journal: Journal of Comparative Psychology (Editorial Manager: Dorothy Fragaszy)

Journal: Journal of Animal Welfare (Editorial Manager: Fay Clark)

PROFESSIONAL EXPERIENCE, SERVICE, AND OUTREACH

Speaker, Royal Society of Edinburgh ‘Curious’ Event, Edinburgh Zoo, UK September 2023

Panelist, Personal Statement Workshop, Dev. Psych. Internship Program, UC Berkeley July 2023

Panelist, Postgraduate Opportunities, Dev. Psych. Internship Program, UC Berkeley June 2023

Guest Kindergarten Teacher, Washington Elementary School, Berkeley, California May 2023

Interviews (2) with Getting Curious podcast hosted by **Jonathan Van Ness** Jan - April 2023

Interview with Scientist on the Subway, Columbia University Neuroscience Outreach January 2023

Co-Director, Bridging the Technological Gap Workshop August, 2022
German Primate Center, Göttingen, Germany

Co-Director, Black in Biological Anthropology Fall, 2021 – Present

Visiting Scientist, Virtual Wild Life Drawing Class: Bonobos Summer 2021

Black Primatologists Interview, Trevon Covington, Spring 2021
Master’s Student, Central Washington University

Guest Kindergarten Teacher, International Community School, Oakland, California Spring 2021

Panelist, Graduate Student Pathways, Greener Scott Scholars Program, Harvard Winter 2021

Panelist, Diversity in Research, National Collegiate Research Conference Winter 2021

Mentor, Greener Scott Scholars Program, Harvard University Fall 2020 – Spring 2022

Interview with ATHENA, podcast for high school women interested in STEM Fall 2020

Co-Founder and Director, Diversity and Inclusion Task Force June 2020 – August 2021
Dept. of Human Evolutionary Biology, Harvard University

Panel Moderator, SMASH, Alumni STEM Professional Panels Winter 2020

Panelist, Diversity in Research , National Collegiate Research Conference	Winter 2020
Visiting Scientist, Wilmington High School , Wilmington, Massachusetts	Fall 2019
Alumni Board Manager , Summer Math and Science Honors Academy (SMASH)	2019 – 2021
Alumni Board Member , Summer Math and Science Honors Academy (SMASH)	2017 – 2019
Edinburgh Zoo Evening Talk , Edinburgh Zoo, Scotland	Summer 2019
Edinburgh Zoo Academics Go Wild Talk , Edinburgh Zoo, Scotland	Spring 2019
ZOO Science Lecture , Antwerp Zoo, Belgium	Spring 2019
ZOO Science Lecture , Planckendael Zoo, Belgium	Spring 2019

TEACHING EXPERIENCE

Teaching Fellow , Harvard University	2019 – 2020
<i>Courses:</i> The Science of Happiness; Introduction to Psychology with Prof. Jason Mitchell	
<i>Award:</i> Certificate of Distinction in Teaching, Harvard Derek Bok Center	
Academic Tutor , Duke University	2015 – 2016
<i>Course:</i> Evolutionary Anthropology 101	

MENTORSHIP

Tiffany Kalu, Harvard Undergraduate, Greener Scott Scholars Program	2021 – 2022
Leticia Sefia, Harvard Undergraduate, Greener Scott Scholars Program	2021 - 2022
Lydia Ramstad, Harvard Undergraduate, Greener Scott Scholars Program	2020 – 2021
Niara Botchwey, Harvard Undergraduate, Greener Scott Scholars Program	2020 - 2021

PROFESSIONAL MEMBERSHIP

Animal Behavior Society	2021 – Present
International Primate Society	2020 – Present