

# Laura Simone Lewis

lauralewis@berkeley.edu

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## ACADEMIC EMPLOYMENT AND EDUCATION

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- 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, and Christopher Krupenye  
 MA, 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

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## FELLOWSHIPS AND RESEARCH GRANTS

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- 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

<b>Harvard University GSAS Summer Predissertation Fellowship (\$3,000)</b> Graduate school support for preliminary dissertation research	2018
<b>Harvard Human Evolutionary Biology Departmental Research Funding (\$2,000)</b> Departmental funding to support preliminary dissertation research	2018
<b>NSF Graduate Research Fellowship (\$138,000)</b> Five year fellowship to support outstanding graduate students in STEM disciplines	2017 - 2022
<b>Harvard Presidential Scholar (\$10,000)</b> Fellowship program awarded to top graduate student applicants at Harvard University	2016 – 2022
<b>Harvard Graduate School of Arts and Sciences Fellowship (\$285,400)</b> Harvard Graduate Fellowship for doctoral students	2016
<b>Duke Dean’s Summer Research Fellowship (\$1,500)</b> Research project comparing activity budgets of two baboon populations in Western South Africa	2015
<b>Duke Global Education Summer Research Fellowship (\$1,500)</b> Research Fellowship awarded for summer research conducted in Western South Africa	2015
<b>Howard Hughes Research Fellowship (\$4,300)</b> Research Fellowship program with project focus on lemur social communication	Summer 2013

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## PUBLICATIONS

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- Lewis, L.** & Krupenye, C. (2022). Eye-tracking as a window into great ape social cognition. *Invited submission, American Journal of Primatology*, e23393.
- 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. (*under review*). Bonobos and chimpanzees remember friends and other familiar 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.

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## CONFERENCE TALKS AND INVITED PRESENTATIONS

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### Upcoming:

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

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

**Lewis, L.** (Spring, 2023). The evolution of the cognitive foundations supporting complex social relationships in great apes. Invited Colloquium, **Department of Anthropology**, University of California, Santa Barbara.

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

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### Previous:

**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, 2<sup>nd</sup> 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.

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## RESEARCH EXPERIENCE

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**Centre for Social Learning and Cognitive Evolution** Jul. 2018 – Present  
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.

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**AD HOC REVIEWER:**

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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)

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**PROFESSIONAL EXPERIENCE, SERVICE, AND OUTREACH**

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**Interview with Getting Curious podcast hosted by Jonathan Van Ness**

January 2023

**Interview with SciSub, Columbia University Neuroscience Outreach**

January 2023

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

August, 2022

**Co-Director, Black in Biological Anthropology**

Fall, 2021 – Present

**Visiting Scientist, Virtual Wild Life Drawing Class: Bonobos**

Summer 2021

<b>Black Primatologists Interview</b> , Trevon Covington, Master's Student, Central Washington University	Lewis, Laura -- CV Spring 2021
<b>Guest Kindergarten Teacher</b> , International Community School, Oakland, California	Spring 2021
<b>Panelist, Graduate Student Pathways</b> , Greener Scott Scholars Program, Harvard	Winter 2021
<b>Panelist, Diversity in Research</b> , National Collegiate Research Conference	Winter 2021
<b>Mentor, Greener Scott Scholars Program</b> , Harvard University	Fall 2020 – Spring 2022
<b>Interview with ATHENA</b> , podcast for high school women interested in STEM	Fall 2020
<b>Co-Founder and Director</b> , Diversity and Inclusion Task Force Dept. of Human Evolutionary Biology, Harvard University	June 2020 – August 2021
<b>Panel Moderator</b> , SMASH, Alumni STEM Professional Panels	Winter 2020
<b>Panelist, Diversity in Research</b> , National Collegiate Research Conference	Winter 2020
<b>Visiting Scientist, Wilmington High School</b> , Wilmington, Massachusetts	Fall 2019
<b>Alumni Board Manager</b> , Summer Math and Science Honors Academy (SMASH)	2019 – 2021
<b>Alumni Board Member</b> , Summer Math and Science Honors Academy (SMASH)	2017 – 2019
<b>Edinburgh Zoo Evening Talk</b> , Edinburgh Zoo, Scotland	Summer 2019
<b>Edinburgh Zoo Academics Go Wild Talk</b> , Edinburgh Zoo, Scotland	Spring 2019
<b>ZOO Science Lecture</b> , Antwerp Zoo, Belgium	Spring 2019
<b>ZOO Science Lecture</b> , Planckendael Zoo, Belgium	Spring 2019

## **TEACHING EXPERIENCE**

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

**MENTORSHIP**

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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**

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