

AMANDA ROYKA

2 Hillhouse Avenue, New Haven, CT | amanda.royka@yale.edu | amandaroyka.github.io

EDUCATION

Yale University

PhD., Psychology

Advisors: Julian Jara-Ettinger & Laurie Santos

Expected Graduation: August 2025

University of Edinburgh

Master's in Linguistics by Research

Advisors: Simon Kirby & Marieke Schouwstra

Dissertation Topic: An examination of the features of symbolic communicative gestures and how those features may serve to signal communicative intent to observers

2019-2020

Queen Mary University of London

Master's in Ecology and Evolutionary Biology with Distinction

Advisor: Lars Chittka

Dissertation Topic: An investigation of cumulative cultural transmission in large earth bumblebees

2018 – 2019

Yale University

BS in Cognitive Science, Summa Cum Laude

Advisors: Laurie Santos & Angie Johnston

Thesis: A comparative study of metacognitive information-seeking in dingoes and domesticated dogs in order to examine the relationship between the cognitive representations underlying a sensitivity to the mental states

2014 – 2018

AWARDS AND HONORS

Yale Ender's Fellowship Grant, \$2,000

2022

Marshall Scholar

2018 – 2020

Rhodes Scholarship Finalist

2018

Yale Angiers Prize for best undergraduate thesis in psychology

2018

Publications

Royka, A., Chen, A., Aboody, R., Huanca, T., & Jara-Ettinger, J. (2022). People infer communicative action through an expectation for efficient communication. *Nature Communications*. 13(1), 1-13.

Royka, A., & Santos, L. R. (2022) Theory of Mind in the Wild. *Current Opinions in Behavioral Sciences*.

Royka, A. L., & Jara-Ettinger, J. (2021). Commentary: Ignorance Matters. *Behavioral and Brain Sciences*.

McAuliffe, K., Drayton, L. A., **Royka, A.**, Aellen, M., Santos, L. R., & Bshary, R. (2021). Cleaner fish are sensitive to what their partners can and cannot see. *Communications Biology*.

Royka, A., Schouwstra, M., Kirby, S., & Jara-Ettinger, J. (2021). I Know You Know I'm Signaling: Novel gestures are designed to guide observers' inferences about communicative goals. *43th Annual Meeting of the Cognitive Science Society*.

Royka, A. L., Johnston, A. M., & Santos, L. R. (2020). Metacognition in canids: A comparison of dogs (*Canis familiaris*) and dingoes (*Canis dingo*). *Journal of Comparative Psychology*, 134(3), 303.

Johnson, S. G. B., **Royka, A.,** McNally, P., & Keil, F. (2019). When is science considered interesting and important?. *41st Annual Meeting of the Cognitive Science Society*.

Royka, A., Aboody, R., & Jara-Ettinger, J. (2018). Movement as a message: inferring communicative intent from actions. *40th Annual Meeting of the Cognitive Science Society*.

TEACHING

TA, Introduction to Cognitive Science	Fall 2022
TA, Perspectives on Human Nature	Spring 2022
TA, Introduction to Psychology	Fall 2021

CONFERENCE PRESENTATIONS

Presentation: **Royka, A.,** Schwoustra, M., Kirby, S., & Jara-Ettinger, J. (2021). I Know You Know I'm Signaling: Novel gestures are designed to guide observers' inferences about communicative goals. Society for Philosophy and Psychology. 2021.

Presentation: **Royka, A.,** Schwoustra, M., Kirby, S., & Jara-Ettinger, J. (2021). I Know You Know I'm Signaling: Novel gestures are designed to guide observers' inferences about communicative goals. 43rd Annual Meeting of the Cognitive Science Society. 2021.

Presentation: **Royka, A.,** Aboody, R., & Jara-Ettinger, J. (2018). Movement as a message: inferring communicative intent from actions. 40th Annual Meeting of the Cognitive Science Society. 2018.

Poster: **Royka, A.L.,** Johnston, A.M. & Santos, L. R. (2017). Metacognition across domestication: A comparison of dogs and dingoes. Poster Presentation, North American International Canine Science Conference