

Rose E. Guingrich, PhD

Postdoctoral Fellow in Computer Science, *Princeton University Center for Information Technology Policy*

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INFORMATION Brooklyn, NY

[website](#)
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INTERESTS Human-AI Interaction, Prosocial AI, Responsible Design, Applied Ethics, AI Policy

EDUCATION **Princeton University**, Princeton, NJ
Ph.D. in Psychology & Social Policy May 2026
National Science Foundation Graduate Research Fellow
Advisers: Michael S. A. Graziano, Alin Coman
Thesis: Anthropomorphism and the Social Impacts of Human-AI Interaction
M.A. in Psychology Nov 2023
Thesis: AI, Mind, & Society
Indiana University - Bloomington, Bloomington, IN
B.S. in Psychology May 2019
Highest distinction & honors

SELECT **National Science Foundation Graduate Research Fellowship** 2023 - 2026
FELLOWSHIPS & **JDP Social Policy Fellowship**, Princeton University Joint Degree Program 2022 - 2026
AWARDS **Social Impact Fellowship**, Princeton GradFUTURES 2023 - 2025
Professional Development Associate Fellowship, Princeton GradFUTURES 2022 - 2023
Paper Selection Award, NYU Mind, Ethics, & Policy Program 2023
Founder's Scholar, Indiana University 2015 - 2019
Provost Scholarship, Indiana University 2015 - 2019
A. R. Metz Scholarship, Indiana University 2015 - 2019
Honors/Herbert Presidential Scholarship, Indiana University 2015 - 2019

PUBLICATIONS [1] **Ascribing Consciousness to Artificial Intelligence: Human-AI Interaction and Its Carry-Over Effects on Human-Human Interaction**
Frontiers in Psychology, 2024
Guingrich, R. E. & Graziano, M. S. A.
[2] **Chatbots As Social Companions: How People Perceive Consciousness, Human Likeness, and Social Health Benefits in Machines**
Oxford Intersections: AI in Society, 2025
Guingrich, R. E. & Graziano, M. S. A.
[3] **P(doom) Versus AI Optimism: Attitudes Toward Artificial Intelligence and the Factors That Shape Them**
Journal of Technology in Behavioral Science, 2025
Guingrich, R. E. & Graziano, M. S. A.
[4] **A Longitudinal Randomized Control Study of Companion Chatbot Use: Anthropomorphism and Its Mediating Role on Social Impacts**
Abstract published in *Proceedings of the Eighth AAAI/ACM Conference on AI, Ethics, and Society*, 8(2), 2025
Under review
Guingrich, R. E. & Graziano, M. S. A.
[5] **Belief Offloading in Human-AI Interaction**
Manuscript in consideration
Guingrich, R. E., Mehta, D., & Bhatt, U.
[6] **Back to Human: Prosocial AI Design**
Manuscript in preparation
Guingrich, R. E. & Dyckovsky, A. M.
[7] **The Cognitive Balance: An Ethical Design Framework for Human-AI Collaboration**
Manuscript in preparation
Guingrich, R. E. & Zevenbergen, B.
BOOK [8] **"Anthropomorphism, Reloaded"**
CHAPTERS

	Forthcoming in <i>Our Future Robots: The Deep Impact of Personalized, Autonomous Machines</i> , eds. Moutinho, L., Bravo Martins, L., & Wolfe, S. De Gruyter, 2026	
	Guingrich, R.E.	
REPORTS	[9] Report on Mental Health of International Graduate Students at Princeton University <i>TigerWell Initiative</i> , 2023 Mirea, D., Yang, Q., Bai, Y., Yang, L., Park, Y., Agarwal, N., Wong, E., Tang, Y., Alshammari, A., Barnett, A., Guingrich, R. E. , & Nang Pan, T.	
	[10] AI Companions and Chatbots mini guide: resources, insight, and guidance <i>All Tech is Human</i> , 2025 Guingrich, R.E. & Khalil, S.	
	[11] What Are the Most Important Issues with AI Companions? Six Key Themes Emerged from Our Community <i>All Tech is Human</i> , 2025 Polgar, D. R. & Guingrich, R. E.	
ARTICLES	[12] AI Companion Bots: The ATHENA Kill Chain for Anthropomorphized Influence <i>Information Professionals Association</i> , 2025 Guillory, S., Borsky, G., & Guingrich, R. E.	
RESEARCH GRANTS	Cognitive Science Graduate Research Support Grants , PU (\$10,000) Data-Driven Social Science Large-Scale Grant , PU (\$28,000) Impact of Generative AI on Creative Industry Grant , Google (\$50,000)	2023, 2024, & 2025 2024 2023
TEACHING EXPERIENCE	Course Instructor , <i>Princeton University</i> (Wintersession) • Ethical AI: Unlocking the Research Behind Human-AI Interaction • Ethical AI: Unlocking the Research Behind Human-AI Interaction • Science Communications, co-taught with Hansen Tjo Head Teaching Assistant , <i>Princeton University</i> • Introduction to Psychology (PSY-101, instructors: Prof. Anuj Shah & Justin Jungé), Princeton University, Department of Psychology Teaching Assistant , <i>Princeton University</i> • Social Cognition: The Psychology of Interactive Minds (PSY-304, instructor: Prof. Alin Coman), Department of Psychology • Unlocking the Science of Human Nature (PSY-333/CHV-300, instructor: Prof. MJ Crockett), Department of Psychology & Center for Human Values • Ethics of AI Learning Cohort (instructors: Dr. Steven Kelts & Dr. Sonali Majumdar) Princeton University, GradFUTURES Learning Cohorts Guest Lecturer , <i>various</i> • “Belief Offloading in Human-AI Interaction,” Vanderbilt Program for Talented Youth • “Social Psychology & Human-AI Interaction,” Introduction to Experimental Psychology (PSYC 0001.900), <i>University of Pennsylvania</i> , College of Liberal & Professional Studies • “Unlocking the Research Behind Human-AI Interaction,” Institute of the Humanities & Global Cultures, <i>University of Virginia</i> , Arts & Sciences	Jan 2025 Jan 2024 Jan 2023 Fall 2025 Fall 2024 Spring 2024 Fall 2022 Mar 18, 2026 Jul 24, 2025 Nov 19, 2024
SUPERVISION	Thesis Co-Supervisor/Mentor , <i>Princeton University</i> • Maile-Le Ji, Psychology • Grace Oh, Psychology & Computer Science • Arjun Prasad, Psychology & Neuroscience • Victoria Shore, Psychology • Rosemeilyn Jerez, Psychology & Global Health and Health Policy	April 2025 - May 2026 May 2024 - May 2025 Mar 2024 - May 2025 Sept 2023 - May 2024 Feb 2023
INVITED TALKS	• Google AI Consciousness and Welfare Workshop, Human Factors & Practical Ethics Panel • Princeton Center for Information Technology Policy, Seminar Series	Nov 2025 Oct 2025

	• CITAMS, Media Sociology Symposium Workshop on Agents of Change: New Approaches to Bridging Research & Action on Human-Chatbot Relationships • Princeton GradFUTURES, Sparks of Inspiration: Lightning Talks • All Tech is Human, Youth Ideas to Reform Big Tech • University of Puerto Rico, NeuroBoricuas • Princeton University, Summer Intern Seminar Series • University of Cambridge, Ethics of Conversational AI Reading Group • Princeton University, Consciousness Club • Princeton University, Bias in AI Reading Group	Aug 2025 Mar 2025 Nov 2024 Oct 2024 Jul 2024 Sept 2023 May 2023 Oct 2022
CONFERENCE PRESENTATIONS	• “Back to human: Prosocial AI design,” Social Capital 2026 Conference <i>Virtual</i> • “A longitudinal randomized control study of companion chatbot use: Anthropomorphism and its mediating role on social impacts,” The Society for Personality and Social Psychology (SPSP) 2026 <i>Chicago, IL</i> • “A longitudinal randomized control study of companion chatbot use: Anthropomorphism and its mediating role on social impacts,” AAAI/ACM Conference on Artificial Intelligence, Ethics & Society (AIES) 2025 <i>Madrid, Spain</i> • “Reorienting AI companions to promote prosocial human-human interaction,” IACAP/AISB Joint Conference on Philosophy of Computing and AI & The Society for the Study of Artificial Intelligence and Simulation of Behaviour <i>University of Twente, Enschede, NT</i> • “Reducing Loneliness using Psychologically Informed AIs,” Artificial Intelligence in Collectives (ARTIC) Workshop <i>Princeton University, Princeton, NJ</i> • “Now I see human, now I see chatbot: Theory of Mind and consciousness cues leveraged in text-based stimuli,” Association for the Scientific Study of Consciousness (ASSC) 27 Annual Conference <i>University of Tokyo, Tokyo, Japan</i> • “Ascribing consciousness to artificial intelligence: human-AI interaction and its carry-over effects on human-human interaction,” NYU Mind, Ethics, & Policy Workshop on Animal and AI Consciousness <i>New York University, New York, NY</i> • “Chatbots as social companions: how people perceive consciousness, human likeness, and social health benefits in machines,” Association for the Scientific Study of Consciousness (ASSC) 26 Annual Conference <i>New York University, New York, NY</i> • “Research on Human-AI Interaction,” Ethics and IT Technology Workshop <i>Dartmouth University, Hanover, NH</i>	Mar 2026 Feb 2026 Oct 2025 Jul 2025 Dec 2024 Jul 2024 Jun 2023 Jun 2023 Aug 2022
PUBLIC PRESENTATIONS & DIGITAL RESOURCES	• Our Lives With Bots (podcast) • “Companion Chatbots: Innovation, Ethics, and the Evolution of Human-AI Relationships,” All Tech is Human Livestream Panel (LinkedIn) • “Testing whether the desire for social connection motivates anthropomorphism of AI agents,” Princeton University Cognitive Psychology Seminar • “Let’s Talk About Companion Chatbots” (YouTube) • “History of Human-AI Interaction” (YouTube) • “What is Human-AI Interaction?” (YouTube) • “Unlocking the Research Behind Human-AI Interaction” (YouTube) • “AI, Mind, & Society: the social impacts of humanlike AI,” Princeton University Social Psychology Seminar • “Chatbots as social companions: how people perceive consciousness, human likeness, and social health benefits in machines,” Princeton University Social Psychology Seminar	Sept 2025 - Apr 2025 Mar 2025 Feb 2025 Jan 2025 Dec 2024 Nov 2024 Feb 2024 Apr 2023

	• “Conversational Artificial Intelligence: Ideal vs. Real Personality Preference,” Princeton University Social Psychology Seminar	Sept 2022
PROFESSIONAL EXPERIENCE	Founder & Managing Principal , Ethicom LLC Responsible AI Research Advisor , Hugo Tutoring Social Impact Fellow , All Tech is Human Professional Development Associate , Princeton GradFUTURES Research Assistant , Social Cognition Lab, Indiana University Research Assistant , Mind & Identity in Context Lab, Indiana University Research Assistant , English & Jewish Studies, Indiana University	Aug 2022 - Present Mar 2025 - Jun 2026 May 2023 - Dec 2025 Sept 2022 - Jun 2023 Sept 2018 - Dec 2018 May 2018 - July 2018 May 2016 - May 2019
PROFESSIONAL SERVICE	Core Team Member - Editor Group , Application Statement Feedback Program First-Year Graduate Student Buddy , Princeton University Graduate Student Gov't & Department of Psychology Workshop Organizer , Google Responsible Innovation & Princeton University Professional Development Committee , Princeton Department of Psychology Guest Editor , <i>AI and Ethics</i> (Springer) special edition: Impact of Generative AI on Children & Youth Treasurer , Princeton Citizen Scientists Psychology Department Representative & Mental Health Initiative Committee Member , Princeton University Graduate Student Gov't	Oct 2021 - Present Sept 2022 - May 2026 Aug 2023 - Feb 2024 Sept 2022 - May 2023 May 2023 - July 2023 Jan 2022 - Jul 2023 Sept 2021 - May 2024
	Reviewer: Nature Mental Health, Proceedings of the National Academy of Science, AI and Ethics, Oxford Intersections: AI in Society, Consciousness and Cognition, Journal of Technology in Behavioral Science, Behaviour & Information Technology, Frontiers in Artificial Intelligence, Frontiers Cognitive Science, Frontiers in Psychology, Frontiers in Public Health	
FEATURED IN	Chatbots and the Psychology of Human-AI Interaction. <i>Prism</i> [Podcast] Det gnidningsløse venskab. <i>Weekendavisen</i> [Press] What does it mean to have a companion chatbot? <i>Science Friday</i> [Podcast] Supportive? Addictive? Abusive? How AI companions affect our mental health. <i>Nature Briefs</i> [Press] AI Friends Are Not Your Friends, Here's Why. <i>The Epoch Times</i> [Press] Meet our Princeton University Graduate Fellows: Rose Guingrich. <i>All Tech Is Human</i> [Feature] Mujeres en la IA: Ética, psicología y el futuro de la interacción humana. <i>2x1 Radio</i> [Podcast] Wie KI-Inhalte menschliche Interaktion gefährden. Deutschlandfunk Kultur [Podcast] What do you love when you fall for AI? <i>The Verge</i> [Press] A.I. Art is a Superior Product with an Inferior Brand. <i>Neuroscience Of</i> [Blog]	Feb 2026 Jun 2025 Jun 2025 May 2025 May 2025 Mar 2025 Mar 2025 Jan 2025 Dec 2024 May 2024
SELECTED SKILLS	Project management, Experimental design, AI Policy, Human subjects research, Longitudinal studies, Python, R, Figma, Descriptive & inferential statistics, Data analysis (quantitative: multiple and linear regression, ANOVA/ANCOVA/MANOVA, factor analysis; qualitative: PCA, random forest, LDA, LSM, thematic & pattern analysis), Interviews, Surveys	