

• Designed experiments, ran in-lab studies and learned literature for moral psychology as only high-school student in upper division summer internship program.

1 / /	PUBLICATIONS
Published (full list at http	<pre>bs://scholar.google.com/citations?user=yG7l19UAAAAJ&hl=en):</pre>
Science'23	Epstein ZG, Hertzmann A, et al. Art and the science of generative AI. Science. 2023.
	[HTML][Twitter Thread]
Science Advances'23	Epstein ZG, Sirlin N, Arechar, A, Pennycook G, Rand DG. The social media context inter-
	feres with truth discernment. Science Advances. 2023. [HTML][Twitter Thread]
Nature Hum. Behav.'23	Arechar A.A, Epstein ZG et al. Understanding and Reducing Online Misinforma-
	tion Across 16 Countries on Six Continents. Available at https://psyarxiv.com/a9frz/.
	Forthcoming in Nature Human Behavior.
ICWSM'22	Epstein ZG*, Foppiani N*, Hilgard S*, Sharma S*, Glassman E & Rand, D. Do explana-
	tions increase the effectiveness of AI-crowd generated fake news warnings? <i>Proceedings of the</i>
	International AAAI Conference on Web and Social Media, 2022. (*=contributed equally)
PNAS'22	Groh M Epstein ZG. Firestone C Picard B Deepfake Detection by Human Crowds Ma-
1 10110 22	chines and Machine-informed Crowds PNAS
NeurIPS Workshop'22	Lin H* Epstein ZG* Pennycook G Band DG Quantifying attention via dwell
	time and engagement in a social media browsing environment. NeurIPS workshop
	All Things Attention. Bridging Different Perspectives on Attention Available at
	https://arviv.org/abs/2200_10464
1000,00	Experim 7C Schroeder H. Newman D. When happy accidents fester creativity: Bringing col
1000 22	laborative speculation to life with generative AL International Conference for Computational
	Creativity
1000'00	Conden S. Mahari P. Mighra M. Engtoin 7C. Co. greation and sumarship for AI radio
A A A I Wamhah am '00	Gordon S, Mahari K, Mishia M, Epstein ZG. Co-creation and ownership for Al radio.
AAAI Workshop 22	to Treasure. Using text to image models to inform the design of physical enterory. AAAI
	Constinity A man Madelities much be
NT 1 201	Creativity Across Modalities workshop Depresent C* Errotein 7C * Megleb M* Arechan A Feblez D & Dand D Shifting et
Nature 21	tention to converge con reduce mininformation online. Nature 502 7855 (2021): 500 505
	tention to accuracy can reduce misinformation online. <i>Nature</i> 592.(855) (2021): 590-595.
	(=contributed equally). Honorable Mention for 2021 Benavioral Science and Policy Associ-
CSCW'21	ation Best Paper Award.
	Epstein ZG, Gron M, Dubey A, Pentiand A. Social influence leads to the formation of
	diverse local trends. Proceedings of the ACM on Human-Computer Interaction in Computer-
	Supported Cooperative Work (CSCW) 2021.
Harv. Misinfo Review 21	Epstein ZG , Berinsky A, Cole R, Gully A, M, Pennycook G, & Rand, D. Developing an
	accuracy-prompt toolkit to reduce COVID-19 misinformation online. Harvard Misinformation
	Kevnew. 2021.
Harv. Misinfo Review 21	Sirlin, N., Epstein, Z., Arechar, A. A., Penycook, G. & Rand, D. (2021). Digital literacy
	is associated with more discerning accuracy judgments but not sharing intentions. <i>Harvard</i>
	Misinformation Review. 2021.
CACM ² 1	Groh, M, Epstein ZG, Obradovich, N, Cebrian, C & Rahwan, I. Human detection of machine
	manipulated media. Communications of the ACM doi:10.1145/3445972. October 2021, Vol.
CHINAA	64 No. 10, Pages 40-47 (Made cover of magazine)
CH1'20	Epstein ZG, Pennycook, G & Rand, DG. Letting the crowd steer the algorithm:
	Laypeople can effectively identify misinformation sources. In Proceedings of the
	2020 CHI Conference on Human Factors in Computing Systems (CHI'20) Available at
	https://psyarxiv.com/z3s5k/download?format=pdf
iScience'20	Epstein ZG , Levine, S, Rand, DG & Rahwan, I. Who gets credit for Al-generated Art?
	iScience, 2020.
ICCC Workshop '20	Epstein ZG, Boulais O, Gordon S, & Groh, M. Interpolating GANs to Scaffold Autotelic Cre-
	ativity ICCC'20, (workshop paper) 2020. Available at https://arxiv.org/abs/2007.11119.
EC'16	Epstein ZG, Peysakhovich, A. & Rand, DG. The Good, the Bad, and the Unflinchingly
	Selfish: Cooperative decision-making can be predicted with high accuracy using only three
	behavioral types. Proceedings of the Conference on Economics and Computation July 2016.
SOCG'16	Devadoss, S, Epstein ZG, & Smirnov, D. Visualizing Scissors Congruence. Sym-
	posium on Computational Geometry June 16, 2016. Application available online at
	http://dmsm.github.io/scissors-congruence

zive@stanford.edu http://zive.info	353 Serra Mall Stanford, CA 94305
PLOS ONE'14	Rand DG, & Epstein ZG. Risking Your Life Without a Second Thought: Intuitive Decision-
	Making and Extreme Altruism. PLoS ONE October 15, 2014. Listed as one of the Top 10
	Insights from the Science of a Meaningful Life in 2014 by the Greater Good Science Center
	at UC Berkeley.
JAMIA'16	Padula WV,, Epstein ZG, et al. Using Clinical Data to Predict High-cost Performance
	Coding Issues Associated with Pressure Ulcers: a multilevel cohort model. Journal of the
	American Medical Informatics Association (JAMIA), 2016.

Pre-prints/under review :

- Epstein ZG*, Fang, MC, Arechar, AA, Rand DG. What label should be applied to content produced by generative AI? Under review at CHI. Available at https://osf.io/preprints/psyarxiv/v4mfz.
- Epstein ZG*, Lin H*, Pennycook G, Rand DG. How many others have shared this? Experimentally investigating the effects of social cues on engagement, misinformation, and unpredictability on social media. In preparation.
- Epstein ZG*, Lin H*, Pennycook G, Rand DG. Yourfeed: Towards open science and interoperable systems for social media. Available at https://arxiv.org/abs/2207.07478.
- Epstein ZG, Payne B.H, et al. Closing the AI Knowledge Gap. Available at https://arxiv.org/pdf/1803.07233.pdf

ARTWORKS FEATURED

- Meet the Ganimals featured at Ties That Cannot Be Unbound New Art City Exhibition (2023)
- Detect a fake featured at MIT Museum (2022)
- Meet the Ganimals in CLOG x Feeds edition http://www.clog-online.com/shop/clog-feeds/ (2022)
- Ganimals featured in the AI Exhibition at Vienna Museum of Technology (2021)
- Errorism in collaboration with Agnieszka Kurant in her solo show at Muzeum Sztuki in Lodz, Poland (2021)
- Life on Mars featured in the Wasteland Film Festival, Utah Music Video awards and the iPhone Film Festival / Mozimotion (2021). Online at https://vimeo.com/508951373
- Save the Ganimals selected as SXSW Art Program finalist (2020)
- Deep Angel Shadow Sans Substance featured at Ars Electronica (2019)
- Field experiment conducted at Burning Man featured in *Nautilus* (2019). Read more at http://nautil.us/issue/74/networks/six-degrees-of-separation-at-burning-man

AWARDS

- IDSA x Ars Electronica FOUNDING LAB Fellow (Fall 2023)
- Best Plenary Talk Award for *Quantifying attention via dwell time and engagement in a social media browsing* environment – International Conference on Computational Social Science (2023)
- Best Honorable Mention Talk Award for Yourfeed: measuring attention in an experimental social media environment - International Conference on Computational Social Science (2022)
- Best Poster Presentation Award for Towards a new social laboratory: An experimental study of search through community participation at Burning Man International Conference on Computational Social Science (2020)
- NSF Vizzies Winner The National Science Foundation's top data visualization award (2018)
- Barry M. Goldwater Scholar- highly competitive national award for future scientists (2016)
- The Jaeger Mathematics Prize awarded to a student for excellence in mathematics (September 2014)
- Pomona College Scholar (Fall 2013, 2014 and Spring 2014)

SERVICE

Reviewed papers for CHI 2023+2021, IC2S2 2020, ICWSM 2020+2021, and PNAS 2021. Organizer for ICWSM 2021 workshop

EXTRACURRICULAR ACTIVITIES

AI Art practice, Cambridge, MA

January 2018 - Present Practice and operate AI-based art community that hosts happenings and features artwork internationally. See more at http://aialchemy.media.mit.edu/ and https://eliza-collective.github.io

Planetarium Operator, Claremont, CA

Created planetarium content, developed software, maintained hardware, presented shows and chaired community engagement for Pomona's digital 8K 25-foot planetarium.

Radio DJ for KSPC 88.7, Claremont, CA

Broadcast radio show *Phantasmagoric Combinatronics* weekly to the greater LA area.

SELECTED COURSE WORK

Experimental Design and Causal Inference (MIT), Ethics and Governance of Artificial Intelligence (MIT/Harvard), Advanced Graduate Machine Learning (MIT), Markets, Networks and Crowds (Harvard), Imagination, Computation, and Expression (MIT), Designing for Empathy (MIT IAP), Time Series Statistics (Pomona), Functional Analysis (Pomona), Algorithms (Harvey Mudd), Quantum Information Theory (Budapest University of Technology and Economics)

INVITED TALKS

- How Is Generative AI Transforming Art and Design? Sold-out panel at MIT Center for Arts, Science and Technology [YouTube] 10/26/2023
- Interspecies Dialogue at Harvard Divinity School 10/25/2023
- Contemporary Perspectives on the Arts in Learning at Harvard Graduate School of Education 10/25/2023
- Art in the Age of Algorithmic Reproduction (Ethics Monday) at Safra Center for Ethics at Harvard 10/23/2023
- The Dynamics of Attention in Digital Ecosystems. Department of Information Systems, Zefat Academic College, Israel [virtual] 3/23/2023
- The Societal Impact of Generative AI. The MIT Museum. 2/28/2023
- Invited talks on Decentralized Social Media and Creative Community at Beyond the Elephant in the Room in Bangkok, Thailand (live event with over 800 audience members [YouTube]).
- Invited talk for *Poetics of the Infraordinary* in the Creative Writing department at University of Pennsylvania 9/22/2022
- Real or fake? Evaluating human and AI deepfake detection. Synthetic Futures Livestream Event. [virtual] 2/17/2022
- Denver Museum of Art and Science. Institute for Science & Policy Symposium on Science in the Age of Misinfor*mation.* [virtual] 12/1/2021
- Stanford Network Information Dynamics Seminar [virtual] 5/6/2021
- The Digital Image Social Dimensions, Political Perspectives and Economic Constraints (German Research Foundation priority program) 4/29/2021
- University of Pittsburgh Computational Social Science Seminar [virtual] 4/21/2021
- Affective Brain Lab Seminar @ University College London [virtual] 4/15/2021
- Data Science / Computational Social Science Seminar Series @ UMSI (Michigan) [virtual] 4/8/2021
- Center for Constructive Communication (MIT) [virtual] 3/31/2021

SELECTED PRESS

- The Crimson. Stanford Fellow, Cambridge Artist Talk Art and Generative AI at Harvard Ethics Center Panel. 10/24/2023. [link]
- MIT News. If art is how we express our humanity, where does AI fit in? (interview). 7/15/2023. [link]
- MIT News. On social media platforms, more sharing means less caring about accuracy (interview). 3/3/2023. [link]
- Vice. Is the Panic Over AI Art Overblown? We Speak With Artists and Experts. (interview). 2/22/2023. [link]
- Grid News. An AI-powered séance is resurrecting the dead: How different art forms are reimagining the horror genre (interview). 10/28/2022. [link]
- Los Angeles Times. How AI-generated art is changing the concept of art itself (interview). 9/21/2022. [link]

June 2014 - May 2016

January 2016 - May 2017

- New York Times. A 'Virtual Rapper' Was Fired. Questions About Art and Tech Remain (quoted). 9/6/2022. [link]
- Axios. Dust, costumes, weirdness and science: Burning Man is back (interview). 8/26/2022. [link]
- NPR. When machine learning meets surrealist art meets Reddit, you get DALL-E mini (interview). 7/5/2022. [link]
- WBUR. The faker: Deepfakes, lies, and cheerleading 4/22/2022 [link]
- Scientific American. Are You Better Than a Machine at Spotting a Deepfake? 4/15/2022 [link]
- MIT News. A remedy for the spread of false news? 3/27/2021 [link]
- Fast Company. Google and MIT prove social media can slow the spread of fake news. 6/4/2021. [link]
- Forbes. How We Talk About AI Affects Who Gets Credited For AI Art. 10/26/2020 [link]
- ZDNet. People's notions about AI are terrible, an MIT study asks whether they can be helped. 9/18/2020 [link]
- Digg. The Creepiest Thing Online This Week Is An AI That Creates Digital Ghosts. 10/31/2018 [link]
- Fast Company. AI is making Halloween so much spookier. 10/30/2018 [link]
- The Economist. To understand digital advertising, study its algorithms. 4/18/2018 [link]
- New York Times. The Trick to Acting Heroically. 8/28/2015 [link]
- Washington Post. The secret of extreme heroes: They don't overthink. 8/24/2015 [link]
- Vox. The science of extreme altruism: why people risk their lives to save strangers. 10/15/2014 [link]