

Contact Information
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Education
Ph.D. Candidate in Neural Science 2018-Present
 New York University (New York, NY)
 Systems, Cognition, and Computation Track
 Advisor: Wei Ji Ma

B.A. in Neuroscience, Computer Science, & Mathematics 2014-2018
 Macalester College (St. Paul, MN)
 Honors in Mathematics, Magna Cum Laude
 Advisor: Andrew Beveridge

Publications
Preprints
 • van Opheusden, B., Galbiati, G., **Kuperwajs, I.**, Bnaya, Z., Li, Y., & Ma, W.J. (2021). Revealing the impact of expertise on human planning with a two-player board game. *PsyArXiv*. pdf

Conference Proceedings
 • **Kuperwajs, I.**, Schütt, H.H. & Ma, W.J. (2022). Improving a model of human planning via large-scale data and deep neural networks. *Proceedings of the 44th Annual Meeting of the Cognitive Science Society*.
 • **Kuperwajs, I.** & Ma, W.J. (2022). A joint analysis of dropout and learning functions in human decision-making with massive online data. *Proceedings of the 44th Annual Meeting of the Cognitive Science Society*.
 • **Kuperwajs, I.** & Ma, W.J. (2022). Understanding human decision-making in a complex planning task with large-scale behavioral data. *The 5th Multidisciplinary Conference on Reinforcement Learning and Decision Making*.
 • **Kuperwajs, I.** & Ma, W.J. (2021). Planning to plan: a Bayesian model for optimizing the depth of decision tree search. *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society*. pdf
 • **Kuperwajs, I.**, van Opheusden, B., & Ma, W.J. (2019). Prospective planning and retrospective learning in a large-scale combinatorial game. *Cognitive Computational Neuroscience*. pdf

*Also published at *The 5th Multidisciplinary Conference on Reinforcement Learning and Decision Making* (2022)

Honors & Awards
 NSF Graduate Research Fellowship 2020-2023
 CCN Trainee Travel Grant 2019
 Henry Mitchell McCracken Fellowship 2018
 Phi Beta Kappa National Honor Society 2018
 Macalester College Neuroscience Outstanding Graduate 2018
 Cosyne Undergraduate Travel Grant 2018
 IBRO-Simons Computational Neuroscience Imbizo 2018
 Macalester College Dean's List 2014-2018
 Janelia Undergraduate Scholars Program 2017

	MIAC Men's Soccer Academic All-Conference Team	2015-2017
	NYU Center for Neural Science NSF REU Fellowship	2016
	Macalester College DeWitt Wallace Distinguished Scholar	2014
Teaching Experience	Teaching Assistant, New York University	
	• Mathematical Tools for Neural and Cognitive Science (NEURL-GA 2201)	F 19
	Teaching Assistant, Macalester College	
	• Algorithm Design and Analysis (COMP 221)	F 17, S 18
	• Brain, Mind, and Behavior (PSYC 180)	F 16
	• Core Concepts in Computer Science (COMP 123)	S 16, F 16
Invited Talks	Cognitive Science Society, Toronto, Canada (2 talks)	2022
	Cognitive Science Society, University of Vienna	2021
	Center for Neural Science Seminar Series, New York University	2020
	Concepts and Categories Seminar Series, New York University	2019
	Artificial and Biological Computation Lab, New York University	2019
	Sensorimotor Learning Group, Columbia University	2019
Poster Presentations	Reinforcement Learning and Decision Making, Brown University (3 posters)	2022
	Workshop on Big Data in Cognitive Science, Princeton University	2019
	Cognitive Computational Neuroscience, Technical University of Berlin	2019
Service & Outreach	Ad Hoc Reviewing	
	• Cognitive Science Society	
	Science Activism	
	• President, Scientist Action and Advocacy Network (ScAAN)	2018-Present
	• Workshop on Environmental Justice, Ocean Sciences Meeting	2022
	• Workshop on Evidence-Based Advocacy, American Geophysical Union	2021
	• Workshop on Science Activism, Science and Education Policy Association	2021
	• Panel on Science Activism, Growing Up in Science	2020
Skills & Other	Programming: Python, MATLAB, HTML/CSS, bash	
	Graduate Coursework: mathematical tools for neuroscience, machine learning, Bayesian and cognitive modeling, cellular and systems neuroscience	
	Methodologies: behavioral modeling, reinforcement learning, statistical inference, deep learning	
	Languages: English, Spanish, Hebrew	
	Interests: photography, podcasting, travel, hiking, soccer, basketball, anime, coffee	