

Contact Information	Ph.D. Candidate New York University Center for Neural Science	ikuperwajs@nyu.edu ionatankuperwajs.github.io
Education	<b>New York University</b> , New York, NY Ph.D. Candidate in Neural Science Systems, Cognition, and Computation Track Advisor: Wei Ji Ma	2018-Present
	<b>Macalester College</b> , St. Paul, MN B.A. in Neuroscience, Computer Science, & Mathematics Honors in Mathematics, Magna Cum Laude Advisor: Andrew Beveridge	2014-2018
	<b>IBRO-Simons Computational Neuroscience</b> , Cape Town, South Africa	2018
Publications	B van Opheusden, <b>I Kuperwajs</b> , G Galbiati, Z Bnaya, Y Li, and WJ Ma (2023). Expertise increases planning depth in human gameplay. <i>Nature</i> . <a href="#">pdf</a>	
In Prep	<b>I Kuperwajs</b> , HH Schütt, and WJ Ma (2023). Using deep neural networks as a guide for modeling human planning.	
Conference Proceedings	<b>I Kuperwajs</b> , HH Schütt, and WJ Ma (2022). Improving a model of human planning via large-scale data and deep neural networks. <i>Proceedings of the 44th Annual Meeting of the Cognitive Science Society</i> . <a href="#">pdf</a>	
	<b>I Kuperwajs</b> and WJ Ma (2022). A joint analysis of dropout and learning functions in human decision-making with massive online data. <i>Proceedings of the 44th Annual Meeting of the Cognitive Science Society</i> . <a href="#">pdf</a>	
	<b>I Kuperwajs</b> and WJ Ma (2021). Planning to plan: a Bayesian model for optimizing the depth of decision tree search. <i>Proceedings of the 43rd Annual Meeting of the Cognitive Science Society</i> . <a href="#">pdf</a>	
	<b>I Kuperwajs</b> , B van Opheusden, and WJ Ma (2019). Prospective planning and retrospective learning in a large-scale combinatorial game. <i>Cognitive Computational Neuroscience</i> . <a href="#">pdf</a>	
Awards and Fellowships	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
	Macalester College Dean's List	2014-2018
	Cosyne Undergraduate Travel Grant	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
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
Teaching	<b>New York University</b> , Teaching Assistant	
	NEURL-GA 2201: Mathematical Tools for Neural and Cognitive Science	F 19
	<b>Macalester College</b> , Teaching Assistant	
	COMP 221: Algorithm Design and Analysis	F 17, S 18
	PSYC 180: Brain, Mind, and Behavior	F 16
	COMP 123: Core Concepts in Computer Science	S 16, F 16
Professional Activities	Ad Hoc Reviewing	
	Cognitive Computational Neuroscience	
	Cognitive Science Society	
	Science Activism	
	President, Scientist Action and Advocacy Network (ScAAN)	2018-2023
	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