

Contact Information	email: ikuperwajs@nyu.edu web: ionatankuperwajs.github.io phone: 425-283-2084	
Education	Ph.D. Candidate in Neural Science New York University (New York, NY) Advisor: Wei Ji Ma	2018-Present
	B.A. in Neuroscience, Computer Science, & Mathematics Macalester College (St. Paul, MN) Honors in Mathematics, Magna Cum Laude	2014-2018
Publications	Preprints <ul style="list-style-type: none"> • 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. <i>PsyArXiv</i>. pdf Conference proceedings <ul style="list-style-type: none"> • Kuperwajs, I., Schütt, H.H. & Ma, W.J. (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>. • Kuperwajs, I. & Ma, W.J. (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>. • Kuperwajs, I. & Ma, W.J. (2022). Understanding human decision-making in a complex planning task with large-scale behavioral data. <i>The 5th Multidisciplinary Conference on Reinforcement Learning and Decision Making</i>. • Kuperwajs, I. & Ma, W.J. (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>. pdf • Kuperwajs, I., van Opheusden, B., & Ma, W.J. (2019). Prospective planning and retrospective learning in a large-scale combinatorial game. <i>Cognitive Computational Neuroscience</i>. pdf 	
Honors & Awards	NSF Graduate Research Fellowship CCN Trainee Travel Grant Henry Mitchell McCracken Fellowship Phi Beta Kappa National Honor Society Macalester College Neuroscience Outstanding Graduate Cosyne Undergraduate Travel Grant IBRO-Simons Computational Neuroscience Imbizo Macalester College Dean's List Janelia Undergraduate Scholars Program MIAC Men's Soccer Academic All-Conference Team NYU Center for Neural Science NSF REU Fellowship Macalester College DeWitt Wallace Distinguished Scholar	2020-2023 2019 2018 2018 2018 2018 2018 2014-2018 2017 2015-2017 2016 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 Meeting, 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
	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	
Skills & Other		