

EDUCATION

- 2019 - now **University of California, Los Angeles** Ph.D. in Computational Cognition
Advisor: Dr. Carolyn Parkinson
- 2013 - 2015 **University of Michigan, Ann Arbor** B.S. with Honors
Majors: ¹ Computer Science, ² Biopsychology, Cognition & Neuroscience
- 2012 - 2013 University of Minnesota (Exchange Program)
- 2010 - 2012 Beijing Normal University (Transferred)

AWARDS, FELLOWSHIPS & HONORS

- 2022 CVPR Best Demo Award[†]
- 2022 CVPR Travel Award
- 2022 Liu Yunghuo Bei Qui Memorial Fellowship (UCLA)
- 2021 Harold H. Kelley Award for Best Basic Research Paper (UCLA)[‡]
- 2020 Debug 2020 Summit Scholarship
- 2020 Grace Hopper Celebration Scholarship
- 2019 NeurIPS Travel Award
- 2019 Methods in Neuroscience at Dartmouth (MIND) Computational Summer School Fellow
- 2015 LSA Honors Grants for Research, Travel, and Special Projects (Univ. of Michigan)
- 2013 - 2015 University Honors (Univ. of Michigan)
- 2012 - 2013 Dean's List (Univ. of Minnesota)
- 2012 Study Abroad Foundation Scholarship

PUBLICATIONS

* Equal contributions

- [†]**Du, M.***, Aflalo, E.*, Tseng, S. Y., Liu, Y., Wu, C., Duan, N., & Lal, V. (2022). VL-InterpreT: An Interactive Visualization Tool for Interpreting Vision-Language Transformers. In *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*.
- Du, M.**, Parkinson, C. (2021). Navigating social knowledge. *Nature Neuroscience*, 24(9), 1195-1197.
- [‡]**Du, M.**, Basyouni, R., Parkinson, C. (2021). How does the brain navigate knowledge of social relations? Testing for shared neural mechanisms for shifting attention in space and social knowledge. *NeuroImage*, 235, 118019.
- Parkinson, C., & **Du, M.** (2020). How Does the Brain Infer Hidden Social Structures?. *Trends in Cognitive Sciences*, 24(7), 497-498.
- Lieberman, M. D., Straccia, M. A., Meyer, M. L., **Du, M.** & Tan, K. M. (2019). Social, self, (situational), and affective processes in medial prefrontal cortex (MPFC): Causal, multivariate, and reverse inference evidence. *Neuroscience & Biobehavioral Reviews*, 99, 311-328.

PUBLICATIONS (cont.)

FORTHCOMING

- Du, M.***, Schwyck, M.*, Li, Y., Chang, L. J., Parkinson, C. (in press). Similarity Among Friends Serves as a Social Prior: The Assumption That "birds of a Feather Flock Together" Shapes Social Decisions and Relationship Beliefs. *Personality and Social Psychology Bulletin*.
- Du, M.** & Lieberman, M. D. (in prep). NS+: A new meta-analysis tool to extend the utility of NeuroSynth.
- Schwyc, M., **Du, M.**, Parkinson, C. (in review). Learning the structure of social worlds: Brokerage affects one's ability to learn new social networks.
- Schwyc, M., **Du, M.**, Parkinson, C. (in review). Neural encoding of novel social networks: Evidence that perceivers prioritize others' centrality.
- Baek, E., Hyon, R., Lopez, K., **Du, M.**, Porter, M., Parkinson, C. (in revision). Lonely individuals process the world in idiosyncratic ways.

CONFERENCE PRESENTATIONS

* Equal contributions

- Du, M.**, Basyouni, R., Parkinson, C. (2021). Comparing neural mechanisms for shifting attention in space and social knowledge. Accepted at the International Conference on Learning Representations (ICLR) 2021 Workshop.
- Du, M.**, Basyouni, R., Parkinson, C. (2021). Comparing functional connectivity while shifting attention in physical space and social knowledge. Poster presented at the 2021 Meeting of the Social and Affective Neuroscience Society.
- Du, M.** & Lieberman, M. D. (2020). NS+: A new meta-analysis tool to extend the utility of NeuroSynth. Software Demonstration accepted at the 2020 Annual Meeting of the Organization for Human Brain Mapping, Montreal, QC.
- Du, M.** & Lieberman, M. D. (2019). Examining TPJ functions using NS+ (A new meta-analysis tool to extend NeuroSynth utility). UCLA Brain Research Institute Annual Neuroscience Poster Session, Los Angeles CA.
- Du, M.** & Lieberman, M. D. (2019). Examining TPJ functions using NS+ (A new meta-analysis tool to extend NeuroSynth utility). Poster presented at the 2019 Meeting of the Social and Affective Neuroscience Society, Miami, FL.
- Du, M.**, Basyouni, R., Parkinson, C. (2018). Shared neural architecture for navigating space and social hierarchies. Poster presented at the 2018 Meeting of the Social and Affective Neuroscience Society, Brooklyn, NY.
- Weaverdyck, M. E.*, **Du, M.***, Li, Y., Chang, L., Parkinson, C. (2019). Social network knowledge shapes and is shaped by trust behavior. Poster presented at the 2019 International Convention of Psychological Science, Paris, France.
- Weaverdyck, M. E.*, **Du, M.***, Li, Y., Chang, L., Parkinson, C. (2019). Social network knowledge shapes and is shaped by trust behavior. Poster presented at the 2019 Society for Personality and Social Psychology Annual Convention, Portland, OR.