

# Meng Du

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🌐 <https://metad.github.io/mengdu/>

## EDUCATION

- 2019 - 2024 (Expected) **University of California, Los Angeles**  
Ph.D Program in Computational Cognition  
Advisor: Dr. Carolyn Parkinson
- 2015 **University of Michigan, Ann Arbor**  
B.S. with Honors  
Majors: 1 Computer Science  
2 Biopsychology, Cognition & Neuroscience

## SELECTED EXPERIENCE

- 2016 - 2019 **Research Associate**  
UCLA Department of Psychology  
PIs: Dr. Carolyn Parkinson, Dr. Matt Lieberman
- 2016 **Research Assistant**  
Princeton Social Neuroscience Lab  
PI: Dr. Diana Tamir
- 2013 - 2016 **Undergraduate Research Assistant**  
Culture and Cognition Lab, University of Michigan  
PI: Dr. Shinobu Kitayama
- 2016 **Computer Science Tutor**  
University of Michigan
- 2015 **Software Engineering Intern**  
LiveRamp (Acxiom Co.)
- 2015 **Software Engineering Intern**  
Deque Systems, Inc.
- 2014 **Programmer**  
Windows team, University of Michigan IT Services

## AWARDS, FELLOWSHIPS & HONORS

- 2019 NeurIPS Travel Award (\$500)
- 2019 Methods in Neuroscience at Dartmouth Computational Summer School (MIND) Fellow
- 2015 LSA Honors Grants for Research, Travel, and Special Projects (\$1000, Univ. of Michigan)
- 2013, 2014, 2015 University Honors (Univ. of Michigan)
- 2012, 2013 Dean's List (Univ. of Minnesota)
- 2012 Study Abroad Foundation Scholarship (\$2000)

## SKILLS

### Computer

- **C/C++**
- **Python** ..... Machine Learning  
Web Scraping  
GUI & Standalone Applications  
Data Analysis & Visualization
- **HTML/CSS/JavaScript** .....  
CSS Frameworks (*Bootstrap*)  
Frontend Frameworks  
(*AngularJS*, *Ruby on Rails*)  
Interactive Data Visualization
- **Java** ..... Android Apps  
Cascading Workflows on  
*Hadoop Distributed File Systems*
- **Git** .. Open Source Contributions  
(Apps, Issues, Bug Fixes)
- **R**
- **Bash scripts**
- **MATLAB**
- **Software Design Patterns**
- **Ruby on Rails**

### Neuroimaging

- **MRI Safety Certified**
- **Preprocessing** ..... *BIDS*  
*FMRIprep*  
*FreeSurfer*
- **Data Analysis** ..... *FSL/AFNI*  
*NiPype*, *NiBabel*  
*MVPA (Nilearn/PyMVPA)*
- **Visualization** ..... *PySurfer*

## PUBLICATIONS

**Du, M.**, Basyouni, R., Parkinson, C. (in prep). Shared Neural Architecture for Navigating Space and Social Hierarchies.

**Du, M.** & Lieberman, M. D. (in prep). NS+: A new meta-analysis tool to extend the utility of NeuroSynth. [Code & beta software]

Weaverdyck, M. E.\*, **Du, M.\***, Li, Y., Chang, L. J., Parkinson, C. (in review). Homophily serves as a social prior: The assumption that "birds of a feather flock together" shapes social decisions and relationship beliefs. *Psychological Science*.

\* Equal contributions

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.

[PDF]

## CONFERENCE POSTERS

**Du, M.**, Lieberman, M. D. (2019). Examining TPJ Functions Using NS+ (A New Meta-Analysis Tool to Extend NeuroSynth Utility). Poster presented at the UCLA Brain Research Institute 31st 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.

Li, Y., **Du, M.**, & Parkinson, C. (2018). The relationships between Social Network Attributes and Behavioral Tendencies. Poster presented during the 2018 UCLA Undergraduate Research Week, Los Angeles, CA.

Castro, V., **Du, M.**, Sul, S., & Parkinson, C. (2018). How well would you treat a friend-of-a-friend? The effects of thirdparty relationship knowledge on prosocial behavior. Poster presented at the 2018 Annual Convention of the Society for Personality and Social Psychology, Atlanta, GA, USA.

Hitokoto, H., Glazer, J., **Du, M.**, & Kitayama, S. (2015). "Aren't You More Motivated When Watched?" Culture Moderates the Face-Priming Effect on FRN. Poster presented at the Society for Personality and Social Psychology 2015 Annual Convention, Long Beach, CA.