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

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
 (Projects, Issues, Pull Requests)
- **R**
- **Bash scripts**
- **MATLAB**
- **Software Design Patterns**
- **Ruby on Rails**
- Relational Databases

Neuroimaging

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

AWARDS & HONORS

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)

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 available]

Du, M.*, Weaverdyck, M. E.*, Li, Y., Chang, L. J., Parkinson, C. (in prep). Assumptions about Birds of a Feather and Those who Flock Together: Social Network Knowledge Shapes and is Shaped by Trust Behavior.

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 available]

CONFERENCE POSTERS

Du, M., Lieberman, M. D. (2019). Examining TPJ Functions Using NS+ (A New Meta-Analysis Tool to Extend NeuroSynth Utility). Poster accepted 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.