

# Dale Zhou

## Curriculum Vitae

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### Education

- 2017– **PhD Student, *Neuroscience***,  
University of Pennsylvania.
- 2015 **Honors B.S. in Psychology, Minor in *Neuroscience***.  
**Honors B.A. in Philosophy**,  
University of Maryland, College Park.

### Publications

#### Accepted/Published

##### *Journal articles*

- Zhou, D.**, Liu, S., Zhou, X., Berman, R.A., Broadnax, D.D., Rapoport, J.L., & Thomas, A.G. (2018) *7 Tesla MRI reveals regional hippocampus abnormalities underlying false memory in childhood-onset schizophrenia*. *Schizophrenia Research*. DOI: 10.1016/j.schres.2018.07.023
- Zhou, D.**, Gochman, P., Broadnax, D.D., Rapoport, J.L., & Ahn, K. (2016). *15q13.3 duplication in two patients with childhood-onset schizophrenia*. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*. DOI: 10.1002/ajmg.b.32439

##### *Book chapters*

- Zhou, D.**, Sequeira, S., Driver, D., Thomas, S. (2018). *Disruptive Mood Dysregulation Disorder*. In S. Thomas & D. Driver (Eds.), *Complex Disorders in Pediatric Psychiatry: A Clinician's Guide*. Clinics Review Articles, Elsevier Inc. ISBN: 9780323511476
- Rapoport, J.L., **Zhou, D.**, & Ahn, K. (Accepted). *Aetiology of intellectual disability: general issues and prevention*. In N. Andreasen, J. Geddes, & G. Goodwin (Eds.), *New Oxford Textbook of Psychiatry, Third Edition*. Oxford University Press.

##### *Open-source projects*

- Gorgolewski, K.J., Esteban, O., [110 others, including **Zhou, D.**], & Ghosh, S. (2016). *Nipype: a flexible, lightweight and extensible neuroimaging data processing framework in Python*. 0.13.0. DOI: 10.5281/zenodo.581704

#### In Preparation

##### *Journal articles*

- Metabolic running costs of brain network communication in developing youth*
- Exploring curiously: generative models of information-seeking for complex and realistic tasks*
- 7 Tesla MRI reveals no effect of ketamine on hippocampal subfield structure in treatment resistant depression patients*

### Conference Presentations

- Julius Axelrod Symposium (2017). *Ultra-high field 7-Tesla MRI reveals hippocampal subfield volume and shape abnormalities in childhood-onset schizophrenia patients compared*

to healthy siblings and controls. Affiliated with Society for Neuroscience. National Institute of Mental Health, Intramural Research Program, Bethesda, Maryland.

## Conference Abstracts

- Zhou, D.**, Liu, S., Zhou, X., Berman, R.A., Broadnax, D.D., Rapoport, J.L., & Thomas, A.G. (2017). *Ultra-high field 7-Tesla MRI reveals hippocampal subfield volume and shape abnormalities in childhood-onset schizophrenia patients compared to healthy siblings and controls*. Julius Axelrod Symposium, Bethesda, Maryland.
- Zhou, D.**, Liu, S., Zhou, X., Berman, R.A., Broadnax, D.D., Rapoport, J.L., & Thomas, A.G. (2017). *Ultra-High Field 7-Tesla MRI Shape and Myelination Mapping of Hippocampal Subfields in Childhood-Onset Schizophrenia and Healthy Siblings*. Society for Biological Psychiatry, San Diego, California.
- Zhou, D.**, Liu, S., Berman, R.A., Broadnax, D.D., Rapoport, J.L., & Thomas, A.G. (2016). *7-Tesla MRI Reveals Regional Hippocampal Deficits in Childhood-Onset Schizophrenia*. American College of Neuropsychopharmacology, Hollywood, Florida.
- Zhou, D.**, Liu, S., Berman, R.A., Broadnax, D.D., Rapoport, J.L., & Thomas, A.G. (2016). *7-Tesla MRI reveals regional hippocampal volume deficits of dentate gyrus in childhood-onset schizophrenia*. Society for Neuroscience, San Diego, California.
- Zhou, D.**, Gochman, P., Broadnax, D.D., Rapoport, J.L., & Ahn, K. (2016). *15q13.3 duplication in two patients with childhood-onset schizophrenia*. Society of Biological Psychiatry, Atlanta, Georgia.

## Awards

- 2015-2017 National Institutes of Health Intramural Research Training Award
- 2015 Departmental Honors in Psychology
- 2015 Departmental Honors in Philosophy
- 2013 College Park Scholars Co-Curricular Scholarship Award
- 2012 College Park Scholars Citation in Global Public Health
- 2010-2014 University of Maryland President's Scholarship

## Service & Outreach

### Teaching

- 2018 **Course preparation**, *EAS244/CLST344/INTG344 Curiosity: Ancient and Modern Thinking About Thinking*, Tutorial on constructing semantic networks, [github.com/dalejn/semanticNetworks](https://github.com/dalejn/semanticNetworks).

### Ad hoc reviewer

*Biological Psychiatry, Cerebral Cortex*

### Presentations

Panelist on *Post-Baccalaureate Research Experiences in Behavioral Sciences* (2017). University of Maryland, College Park.

### Organizations

- 2017– **Section Chief**, *Brains in Brief*, Section on Computational and Sensory Neuroscience, Graduate-Led Initiatives and Activities (GLIA), University of Pennsylvania.

2017– **Founder**, *Psychology Honors Alumni Mentors*, University of Maryland, College Park.

2014–2015 **Vice President**, *Philosophy Club*, University of Maryland, College Park.