Dale Zhou

Curriculum Vitae

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github.com/dalejn

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

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– **Apprentice Chief**, *Brains in Brief*, Section on Behavior, Learning, & Cognition; Section on Computational and Sensory Neuroscience, Graduate-Led Initiatives and Activities (GLIA), University of Pennsylvania.

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