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Terminal Academic Degree

Ph.D., Neuroscience, 2008 Wash. Univ. in St. Louis

Current Professional Appointment

Associate Professor with Tenure 2019-now
Department of Psychology, *U. of Texas at Austin*

Research Interests

- Neural bases of task control (task- & rest-fMRI)
- Brain change related to training (e.g. via reading intervention)
- Impact of stress and puberty on task control
- Brain change related to learning interruptions
- Predicting future educational gains from brain

5 Recent Publications (out of >40)

* Graduate student advisee. ** Former lab member

Nugiel, T. *, Roe, M.A. *, Engelhardt, L.E. *, Mitchell, M.E. **, Zheng, A. **, **Church, J.A.** (In Press at *NeuroImage: Clinical*). Pediatric ADHD symptom burden relates to distinct neural activity across executive function domains.

Zheng, A. **, **Church, J.A.** (accepted at *Child Development*). A developmental eye tracking investigation of cued task-switching performance.

Demeter D.V. *, Engelhardt L.E. *, Mallet R., Gordon E.M., Nugiel T. *, Harden K.P., Tucker-Drob E.M., Lewis-Peacock J.A., **Church J.A.** (2020). Functional connectivity fingerprints at rest are similar across youths and adults and vary with genetic similarity. *iScience*, 23(1):100801

Church J.A., Cirino P.T., Miciak J., Juranek J., Vaughn S., Fletcher J.M. (2019). Cognitive, intervention, and neuroimaging perspectives on executive function in children with reading disabilities. *New Directions for Child and Adolescent Development* 165, 25-54.

Nugiel T. *, Roe M.A. *, Taylor W.P., Cirino P.T., Vaughn S.R., Fletcher J.M., Juranek J., **Church J.A.** (2019). Brain activity before intervention relates to future reading gains. *Cortex*, 111, 286-302.

1 Recent Research Grant

Church, J.A. (PI). "Brain changes related to learning loss in children." NSF: Science of Learning. Awarded. 2021-2024. \$800K total.

2 Recent Selected Talks and Symposia

The role of the brain's control system in middle elementary struggling readers. Gordon F. Sherman Neuroscience and Education Symposium, International Dyslexia Association, Nov. 2020

Dichotomous vs. continuous approaches for studying learning difficulties, ADHD, and predicting intervention response. OHBM Virtual Conference, Symposia talk, 2020

Recent Examples of Professional Service

Departmental Service

Executive Council, 2019-2020

Graduate Program Advisory Committee, 2019-

University and Local Service

NIH Data Safety Monitoring Board 2019-

UT VPR internal competition reviewer, 2020

Texas Student Research Showdown judge, 2020

Professional Service

Peer Reviewer (ad hoc since 2008)

GWIS National Fellowship reviewer, 2020

Small Grants Program reviewer, SRCF, 2020

Israeli Science Foundation (ISF), reviewer 2020

European Res. Council (ERC), reviewer 2020

United Kingdom Medical Research Council, reviewer 2019

Consulting Editorial Board Member:

Developmental Psychology, 2018- 2019

Review Editor, *Frontiers: Brain Imaging Methods*, 2015-2019

Professional Memberships

Society for the Scientific Studies of Reading Flux!

Society for Research in Child Development

Society for Neuroscience

Organization for Human Brain Mapping

Recent Additional Educational Training

History of the Black Experience, course at UT, 2020

Ally Training. *Affirming LGBTQA+ People:*

Interpersonal Allyship parts I and II. UT 2018