

Jessica Church

✉ church@austin.utexas.edu

Publications

JOURNAL ARTICLES

1. Garcini, L. M., Arredondo, M. M., Berry, O., Church, J. A., Fryberg, S., Thomason, M. E., & McLaughlin, K. A. (2022). Increasing diversity in developmental cognitive neuroscience: A roadmap for increasing representation in pediatric neuroimaging research. *Developmental Cognitive Neuroscience*, 58, 101167. <https://doi.org/10.1016/j.dcn.2022.101167>
2. Barendse, M. E. A., Flannery, J., Cavanagh, C., Aristizabal, M., Becker, S. P., Berger, E., Breaux, R., Campione-Barr, N., Church, J. A., Crone, E. A., Dahl, R. E., Dennis-Tiway, T. A., Dvorsky, M. R., Dziura, S. L., Groep, S. van de, Ho, T. C., Killoren, S. E., Langberg, J. M., Larginho, T. L., ... Pfeifer, J. H. (2022). Longitudinal change in adolescent depression and anxiety symptoms from before to during the COVID-19 pandemic. *Journal of Research on Adolescence*, 33(1), 74–91. <https://doi.org/10.1111/jora.12781>
3. Porter, B. M., Douglas, I. J., Larginho, T. L., Aristizabal, M., Mitchell, M. E., Roe, M. A., & Church, J. A. (2021). Examination of pre-pandemic measures on youth well-being during early stages of the COVID-19 pandemic. *Biological Psychiatry Global Open Science*, 1(4), 252–260. <https://doi.org/10.1016/j.bpsgos.2021.08.003>
4. Garza, A., Aizza, A., Charoenworawat, J. K., & Church, J. A. (2021). A core set of brain regions helps kids achieve their goals. *Frontiers for Young Minds*, 9. <https://doi.org/10.3389/frym.2021.618432>
5. Zheng, A., & Church, J. A. (2021). A developmental eye tracking investigation of cued task switching performance. *Child Development*, 92(4), 1652–1672. <https://doi.org/10.1111/cdev.13478>
6. Roe, M. A., Engelhardt, L. E., Nugiel, T., Harden, K. P., Tucker-Drob, E. M., & Church, J. A. (2021). Error-signaling in the developing brain. *NeuroImage*, 227, 117621. <https://doi.org/10.1016/j.neuroimage.2020.117621>
7. Church, J. A., Grigorenko, E. L., & Fletcher, J. M. (2021). The role of neural and genetic processes in learning to read and specific reading disabilities: Implications for instruction. *Reading Research Quarterly*. <https://doi.org/10.1002/rrq.439>
8. Nugiel, T., Roe, M. A., Engelhardt, L. E., Mitchell, M. E., Zheng, A., & Church, J. A. (2020). Pediatric ADHD symptom burden relates to distinct neural activity across executive function domains. *NeuroImage: Clinical*, 28, 102394. <https://doi.org/10.1016/j.nicl.2020.102394>
9. Greene, D. J., Williams, A. C., Koller, J. M., Schlaggar, B. L., Black, K. J., Martino, A. D., Castellanos, F. X., Coffey, B. J., Milham, M. P., Mengers, A., Somandepalli, K., Mostofsky, S. H., Singer, H. S., Nettles, C., Peterson, D., Piacentini, J., Bookheimer, S. Y., McCracken, J. T., Chang, S., ... and, A. N. (2020). Correction: Brain structure in pediatric tourette syndrome. *Molecular Psychiatry*, 25(11), 3112–3112. <https://doi.org/10.1038/s41380-019-0382-8>
10. Demeter, D. V., Engelhardt, L. E., Mallett, 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. <https://doi.org/10.1016/j.isci.2019.100801>
11. Nielsen, A. N., Gratton, C., Church, J. A., Dosenbach, N. U. F., Black, K. J., Petersen, S. E., Schlaggar, B. L., & Greene, D. J. (2020). Atypical functional connectivity in tourette syndrome differs between children and adults. *Biological Psychiatry*, 87(2), 164–173. <https://doi.org/10.1016/j.biopsych.2019.06.021>
12. Harden, K. P., Engelhardt, L. E., Mann, F. D., Patterson, M. W., Grotzinger, A. D., Savicki, S. L., Thibodeaux, M. L., Freis, S. M., Tackett, J. L., Church, J. A., & Tucker-Drob, E. M. (2020). Genetic associations between executive functions and a general factor of psychopathology. *Journal of the American Academy of Child & Adolescent Psychiatry*, 59(6), 749–758. <https://doi.org/10.1016/j.jaac.2019.05.006>

PREPRINTS

1. Barendse, M., Flannery, J. E., Cavanagh, C., Aristizabal, M., Becker, S. P., Berger, E., Breaux, R., Campione-Barr, N., Church, J. A., Crone, E. A., Dahl, R., Dennis-Tiway, T. A., Dvorsky, M., Dziura, S. L., Groep, S. van de, Ho, T., Killoren, S. E., Langberg, J. M., Larginho, T., ... Pfeifer, J. H. (2021). Longitudinal change in adolescent depression and anxiety symptoms from before to during the COVID-19 pandemic: A collaborative of 12 samples from 3 countries. <https://doi.org/10.31234/osf.io/hn7us>

BOOKS

BOOK CHAPTERS

1. Church, J. (2020). Chapter 15: neuroimaging. In *Literacy research methods, 3rd edition*.

Professional Presentations

The DCN Lab Research

AUSTIN, TX

2023

The brain's task control networks in youth and relations to academic performance

VIRTUAL & YOUTUBE STREAM

2023

Task control networks and academic skill change

VIRTUAL

2022

100 Years of Smith Psychology: Alumnae panel

NORTHAMPTON, MA

2022

Big data approaches to the development of brain network hubs.

AUSTIN, TX

2022

Flux Public Outreach! role: Organizer and Moderator

VIRTUAL

2022

The brain's control networks in reading: Insights from cross-task studies of youth.

BERMUDA

2022

discussion of Troller-Renfree et al. 2022

AUSTIN, TX

2022

Flux 1st public talk session and panel

VIRTUAL

2021

Pestilli Lab Conversations

UT PSYCHOLOGY

2021

The ABCs in the developing brain

ON COURSE WITH LIBERAL ARTS

2021

Intellectual Development: Teens & Teamwork – The power of peers on brain development

MOORECO DESIGN CONFERENCE 2021: THRIVE FORWARD: CREATING ENVIRONMENTS FOR OPTIMAL HUMAN DEVELOPMENT AND WELLBEING.

2021

Probing the brain's control networks in middle childhood.

UNIVERSITY OF NEBRASKA-LINCOLN

2020

The Developmental Cognitive Neuroscience Lab

CHAT WITH WOMEN IN PSYCHOLOGY (WIP) UT STUDENT ORGANIZATION, UNIVERSITY OF TEXAS

2020

The Executive Function Study and future plans of the Church lab at UT

AUSTIN INDEPENDENT SCHOOL DISTRICT

2020

Consistencies Across Executive Function Tasks in the Child Brain. Ignite session: Innovative Methods 1.

UT COLLEGE OF EDUCATION AND AUSTIN INDEPENDENT SCHOOL DISTRICT. AISD PAC.

2020

Conference Abstracts

Factors influencing executive function maturation in adolescence

FACTORS INFLUENCING EXECUTIVE FUNCTION MATURATION IN ADOLESCENCE

2023

Science of Learning Panel. Symposium Organizer

FLUX CONGRESS

2022

Behavioral, cognitive, and neural mechanisms of the performance-monitoring system in reading: Error-signaling in the developing brain

SOCIETY FOR THE SCIENTIFIC STUDIES OF READING

2022

Science of Learning Panel; Symposium Co-Chair

FLUX CONGRESS 2021 (VIRTUAL)

2021

Texas Center for Learning Disabilities: Project 4 datablitz

NICHHD

2021

COVID-19 impacts on well-being of Austin-area youths and their parents

UT COVID-19 VIRTUAL CONFERENCE

2020

The role of the brain's control system in middle elementary struggling readers

INTERNATIONAL DYSLEXIA ASSOCIATION

2020

Dichotomous vs. continuous approaches for studying learning difficulties, ADHD, and predicting intervention response

OHBM VIRTUAL CONFERENCE,

2020

Functional Neuroimaging

DELL MEDICAL SCHOOL, AUSTIN, TX

2020

Honors

Funding

Brain changes related to learning loss in children

FUNDING: \$801,438

Directorate for Social, Behavioral &
Economic Sciences, 1941193
2021 - 2024

Understanding Task- and Resting-State Neural Activation in Relation to Real-World Social Behavior

FUNDING: \$725,673

Directorate for Social, Behavioral &
Economic Sciences, 2021806
2021 - 2024

Texas Center for Learning Disabilities

FUNDING: \$22,981,744

National Institute of Child Health
and Human Development,
P50HD052117
2006 - 2022

Service

Faculty Liaison

FACULTY LIAISON

Austin, US
2022 - present

The University of Texas at Austin

BIOMEDICAL IMAGING CENTER ADVISORY COMMITTEE

Austin, US
2021 - present

The University of Texas at Austin

GRADUATE PROGRAM ADVISORY COMMITTEE MEMBER

Austin, US
2019 - present

Child Development

CONSULTING EDITORIAL BOARD MEMBER

Washington DC, US
2019 - present

Peer reviewer

AD HOC REVIEWER FOR (RECENT SUBSET) : BIOLOGICAL PSYCHIATRY, BIOLOGICAL PSYCHIATRY: COGNITIVE NEUROSCIENCE AND
NEUROIMAGING, CHILD DEVELOPMENT, JOURNAL OF COGNITIVE NEUROSCIENCE, DEVELOPMENTAL SCIENCE, NATURE:
COMMUNICATIONS, NEUROIMAGE, JOURNAL OF PEDIATRICS, PSYCHOLOGICAL SCIENCE

virtual, US
2018 - present

Flux Congress	<i>Santa Rosa, US</i>
SCIENTIFIC PROGRAM CHAIR	2022 - 2023
Area Head of CBB	<i>Austin, US</i>
AREA HEAD OF COGNITION BRAIN AND BEHAVIOR	2022 - 2023
NIH Reviewer	<i>Washington DC, US</i>
2 PANELS	2022 - 2023
Polymathic Scholars Capstone	<i>Austin, US</i>
MENTOR	2023 - 2023
Capstone Advisor	<i>Austin, US</i>
MENTOR	2022 - 2023
Flux Annual Congress	<i>Santa Rosa, US</i>
SCIENTIFIC PROGRAM CHAIR	2022 - 2023
The University of Texas at Austin	<i>Austin, US</i>
EXECUTIVE COUNCIL	2021 - 2023
Society for Research in Child Development (SRCD)	<i>Washington DC, US</i>
SMALL GRANTS PROGRAM REVIEWER	2020 - 2023
Flux Congress Grant	<i>Paris, FR</i>
WROTE FUNDING REQUEST TO JACOBS FOUNDATION FOR FLUX 2022	2022 - 2022
The University of Texas at Austin	<i>Austin, US</i>
“MENTORING” BOOTCAMP PANEL MEMBER	2021 - 2022
Flux Congress	<i>Paris, FR</i>
SCIENTIFIC PROGRAM COMMITTEE	2021 - 2022
Flux Congress	<i>Virtual, US</i>
SCIENCE OF LEARNING SYMPOSIUM CO-CHAIR; PROGRAM COMMITTEE	2021 - 2021
Flux Congress	<i>Virtual, US</i>
CONFERENCE GRANT SUBMITTER TO JACOBS FOUNDATION (AWARDED: 15.000CHF)	2021 - 2021
Flux Congress	<i>Virtual, US</i>
ORGANIZER OF 1ST PUBLIC OUTREACH SESSION (TALK AND PANEL)	2021 - 2021
The University of Texas at Austin	<i>Austin, US</i>
OPEN DATA SUBCOMMITTEE (PROVOST LIBRARIES INITIATIVE)	2020 - 2021
The University of Texas at Austin	<i>Austin, US</i>
MOCK GRANT REVIEWER: NSF GRFP, FACULTY R01, FACULTY COLA AWARD	2020 - 2021
The University of Texas at Austin	<i>Austin, US</i>
INSTITUTE FOR NEUROSCIENCE ADMISSIONS COMMITTEE	2015 - 2021
The University of Texas at Austin	<i>Austin, US</i>
TEXAS STUDENT RESEARCH SHOWDOWN VIDEO AND FIRST-PASS JUDGE	2020 - 2020
The University of Texas at Austin	<i>Austin, US</i>
VPR INTERNAL COMPETITION REVIEWER	2020 - 2020
The University of Texas at Austin	<i>Austin, US</i>
VPR INTERNAL RESEARCH & CREATIVE GRANTS REVIEWER	2020 - 2020
Graduate Women in Science	<i>Minneapolis, US</i>
NATIONAL FELLOWSHIP REVIEWER	2020 - 2020
The University of Texas at Austin	<i>Austin, US</i>
WHOLE COMMUNITIES WHOLE HEALTH (WCWH) JOB SEARCH COMMITTEE	2019 - 2020
The University of Texas at Austin	<i>Austin, US</i>
NIH DATA SAFETY MONITORING BOARD MEMBER (UT COE GRANT @NICHHD)	2019 - 2020

The University of Texas at Austin

EXECUTIVE COUNCIL

Austin, US

2019 - 2020

Society for Research in Child Development

MAIN CONFERENCE ABSTRACT REVIEWER (BIANNUALLY)

Washington, US

2014 - 2020

Mentoring and Teaching

MENTORING

Eliya Ben-Asher

GRADUATE ADVISOR

2021 - present

Blaire Porter

GRADUATE ADVISOR

2020 - present

Tyler Larginho

GRADUATE ADVISOR

2019 - present

Dylan Kirsch

DISSERTATION COMMITTEE MEMBER

2021 - 2022

Valeria Tretyak

DISSERTATION COMMITTEE MEMBER

2021 - 2022

Anthony Dutcher

DISSERTATION COMMITTEE MEMBER

2020 - 2022

Hannah Claussenius-Kalman, University of Houston

DISSERTATION COMMITTEE MEMBER

2019 - 2022

Lynsey Campbell

BRIDGING DISCIPLINES ADVISOR

2021 - 2021

AnnaCarolina Garza

UNDERGRADUATE LONGHORN POSTER SUBMISSION (CO-MENTORED WITH TEHILA NUGIEL)

2021 - 2021

Phoebe Anderson

UNDERGRAD LONGHORN POSTER SUBMISSION (CO-MENTORED WITH TEHILA NUGIEL)

2021 - 2021

Zheng Zhang, College of Education, Special Education

READER/EXAMINER FOR QUALIFYING EXAM

2021 - 2021

Alice Aizza

UNDERGRADUATE HONORS THESIS ADVISOR

2020 - 2021

Remington Mallett

DISSERTATION COMMITTEE MEMBER

2020 - 2021

Tehila Nugiel

GRADUATE ADVISOR/DISSERTATION COMMITTEE CHAIR

2016 - 2021

Damion Demeter

GRADUATE ADVISOR/DISSERTATION COMMITTEE CHAIR

2016 - 2021

Miriam Ortega

BRIDGING DISCIPLINES ADVISOR

2020 - 2020

AnnaCarolina Garza

CNS UNDERGRADUATE RESEARCH FORUM POSTER SUBMISSION (MENTOR)

2020 - 2020

Ashley Jacobs

CNS UNDERGRADUATE RESEARCH FORUM POSTER SUBMISSION MENTOR

2020 - 2020

Janchira Charoenworawat, Kyle Katigbak, Miriam Ortega

UNDERGRADUATE LONGHORN POSTER SUBMISSION

2020 - 2020

Zachary Bretton-Granatoor, Institute for Neuroscience	
QUALIFYING EXAMINER	2020 - 2020
Miranda Toy	
PLAN II 2ND READER	2019 - 2020
Athula Pudhiyidath	
DISSERTATION COMMITTEE MEMBER	2019 - 2020
Mary Abbe Roe (Barnes)	
GRADUATE ADVISOR/DISSERTATION COMMITTEE CHAIR	2015 - 2020

TEACHING

BDP 101	
GUEST LECTURE: “STUDYING THE CHILD BRAIN”	2019 - 2023
PSY 333D: Introduction to Developmental Psychology	
INSTRUCTOR: SMOC VERSION	2018 - 2023
PSY 387S: Principles of Cognitive Neuroscience	
INSTRUCTOR	2016 - 2023
LAH 102H (Musick)	
GUEST LECTURE FOR FACULTY SPOTLIGHTS	2020 - 2020