Dolly Seeburger

Graduate Student at Georgia Institute of Technology

School of Psychology 654 Cherry Street, Atlanta, GA 30332-0170

Mobile: *(925) 334 3533* **Email:** *dseeburger3@gatech.edu*

EDUCATION

Georgia Institute of Technology; Atlanta, GA — *present*
PhD in Cognitive Brain Science
Advisor: Randall Engle

Georgia Institute of Technology; Atlanta, GA — *2023*
M.S in Cognitive Brain Science
Advisor: Eric Schumacher

San Francisco State University; San Francisco, CA — *2018*
Post-baccalaureate studies for psychology graduate program
Research assistant in the Personality and Well-being Lab
Advisor: Ryan Howell

Diablo Valley College; San Ramon, CA — *2017*
Post-baccalaureate studies for psychology graduate program

Lim Kok Wing University of Creative Technology; Malaysia — *2008*
B.A., Design Curtin University of Technology Degree
Advertising Major

MANUSCRIPTS

Peer-reviewed journal articles

Xu, N., Smith, D. M., Jeno, G., **Seeburger, D. T**., Schumacher, E. H., & Keilholz, S. D. (2023). The interaction between random and systematic visual stimulation and infraslow quasiperiodic spatiotemporal patterns of whole brain activity. *Imaging Neuroscience*.

Submitted and in-preparation

Seeburger, D. T., Xu, N., Ma, M., Larson, S., Godwin, C., Keilholz, S., & Schumacher, E. H. (under review). Time-varying Functional Connectivity Predicts Fluctuations in Sustained Attention in a Serial Tapping Task.

Burgoyne, A. P., **Seeburger, D.T.,** & Engle, R. W. (under review). Three Auditory Conflict Tasks to Measure Individual Differences in Attention Control

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POSTER PRESENTATION

The interaction between visual stimulation and intrinsic infraslow whole brain activity in humans Organization for Human Brain Mapping	*Montreal* *July 2023*
Identifying the role of sleep quality in quasi periodic brain patterns Undergraduate Research Opportunities	*Atlanta* *April 2023*
Interactions between Arousal and Quasi-Periodic Patterns in Humans Neuroscience Undergraduate Research Symposium	*Atlanta* *April 2023*
More Than Meets the Eye: Pupil Size, Cognitive Ability, and Functional Connectivity CABI Callosum	*Atlanta* *April 2023*
Identifying the Neural Mechanisms of Zone State Performance using Time-varying Functional Connectivity Methods. Cognitive Neuroscience Society	*San Francisco* *April 2022*
Quasi-periodic patterns and BOLD response entrained by visual stimulation in the human brain The Organization for Human Brain Mapping	*Virtual* *May 2021*
Gritty People Exercise More: Self-Efficacy Mediates Increasing Physical Activity Western Psychological Association	*Portland, Oregon* *March 2018*

CONFERENCE PRESENTATION

Identifying the Neural Mechanisms of Zone State Performance using Time-varying Functional Connectivity Methods Cognitive Neuroscience Society	*San Francisco* *April 2022*

HONOURS & AWARDS

Full Scholarship for B.A. Design Awarded by The Star Education Fund	*Malaysia* *2005*
President's Award for Young Achievers Awarded by Lim Kok Wing University College of Technology	*Malaysia* *2008*

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TEACHING

Lab Instructor, Capstone Neuroscience, Spring 2022 (Main lecture instructor: Dr. Eric Schumacher), Georgia Institute of Technology, Atlanta, GA

Teacher's Assistant, Biopsychology, Fall 2021 (Main lecture instructor: Dr. Scott Moffat), Georgia Institute of Technology, Atlanta, GA

Teacher's Assistant, Neuroethics, Spring 2021 (Main lecture instructor: Dr. Scott Moffat), Georgia Institute of Technology, Atlanta, GA

Teacher's Assistant, Cognitive Psychology, Fall 2020 (Main lecture instructor: Dr. Richard Catrambone), Georgia Institute of Technology, Atlanta, GA

Teacher's Assistant, Introduction to Psychology, Fall 2019 (Main lecture instructor: Christopher Stanzione), Georgia Institute of Technology, Atlanta, GA

TECHNICAL SKILLS

Data collection (E-prime, Psychopy, SR eye tracker)
fMRI data analysis (shell scripting, MATLAB, FSL, SPM, AFNI)
EEG data analysis (EEGLab)
Statistical analysis (R, SPSS,)
Design (Adobe Illustrator, Photoshop, InDesign and AfterEffects, Affinity Designer, Photo, Procreate)