

# ELIZABETH EDGE

CLINICAL AND COGNITIVE NEUROSCIENCE LABORATORY  
UNIVERSITY OF GEORGIA, ATHENS, GA  
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## EDUCATION

- University of Georgia**, Athens, GA In progress  
Ph.D., Neuroscience, Biomedical and Health Sciences Institute  
*Advisor*: Dr. Brett Clementz
- Southern Wesleyan University**, Central, SC May 2016  
B.S., Neuropsychology-Honors Program  
GPA: 3.6  
*Graduated cum laude*

## RESEARCH EXPERIENCE

- Graduate Assistant**, Clinical and Cognitive Neuroscience Laboratory, August 2016 - present  
University of Georgia
- Dr. Brett Clementz: visual processing in psychiatric and healthy groups
    - Collect and analyze electroencephalography and magnetoencephalography data using MATLAB and BESA, mentor and train undergraduate research assistants
- Honors Research Project**, February 2014-May 2016  
Southern Wesleyan University  
Study Title “*Effects of NMDA Receptor Antagonists on Addictive Behavior in Rodents*”
- Involved assisting in reforming experimental protocols, collecting and analyzing data, editing research compliance documentation, rat care and husbandry

## TEACHING EXPERIENCE

- Instructor of Record**, Department of Psychology, University of Georgia January 2020-present
- Research Design in Psychology
- Teaching Assistant**, Department of Psychology, University of Georgia August-May 2020
- Cognitive Psychology: August – December 2017
  - Cognitive Neuroscience: August – December 2018, 2019
- Teaching Assistant**, Southern Wesleyan University August 2013-May 2015
- General Psychology
  - Information Literacy
  - Human Growth and Development

## HONORS AND AWARDS

Graduated *cum laude*: 2016  
Palmetto Fellow: 2012-2016  
Dean’s List: 2012-2016

## ORAL PRESENTATIONS

“Cognitive Control in Schizophrenia: an MEG study.” Department of Psychology, University of Georgia, Athens, GA, October 2017

“Investigation of the visual steady-state response and cognition in schizophrenia.” Department of Psychology, University of Georgia, Athens, GA, April 2019.

## POSTER PRESENTATIONS

Edge, E.A., Parker, D.A., Hamm, J.P., Buckley, P.F., McDowell, J.E., & Clementz, B.A. Visual steady-state response differences related to cognition rather than psychopathology. Annual Conference for the Society for Psychophysiological Research, Quebec City, Quebec, October 2018.

Edge, E.A., Parker, D.A., Hamm, J.P., Buckley, P.F., McDowell, J.E., & Clementz, B.A. Investigation of the visual steady-state response and cognition in schizophrenia. Annual Conference for the Society of Biological Psychiatry, Chicago, IL, May 2019.

## CURRENT RESEARCH

### Neural Noise in Schizophrenia

Dr. Brett Clementz, Dr. Jennifer McDowell, Dr. Peter Buckley

- to demonstrate that cognitive control abnormalities resulting in similar behavioral manifestations in healthy individuals and in individuals with psychosis have different neural etiologies

Responsibilities

- data analysis: visual steady-state response using electroencephalography and magnetoencephalography

### Bipolar-Schizophrenia Network on Intermediate Phenotypes (BSNIP-2)

Dr. Brett Clementz, Dr. Elliot Gershon, Dr. Matcheri Keshavan, Dr. Godfrey Pearlson, Dr. Carol Tamminga

- to evaluate possible biomarkers in psychosis, for improvement of classification and treatment

Responsibilities

- data collection: electroencephalography, clinical assessment, preparation of data for advanced processing

## RESEARCH SKILLS

### Neurophysiology

EEG operation – Neuroscan 64-channel electroencephalography system

MEG operation – CTF Omega Whole-Cortex magnetoencephalography system

### Clinical Assessment

Trained to administer – Structured Clinical Interview for DSM-IV-TR Axis I Disorders (SCID), Lifetime Dimensions of Psychosis Scale (LDPS), Schizobipolar Scale (SBS), Positive and Negative Symptom Scale (PANSS), Clinical Anxiety Scale (CAS), Montgomery and Asberg Depression Rating Scale (MADRS), Young Mania Rating Scale (YMRS), Birchwood Social Functioning Scale (SFS)

## **PROFESSIONAL DEVELOPMENT**

### **NSF Innovation Corps**

University of Georgia – January-March 2020

### **Brainstorm User Workshop**

Web workshop – McGill University - April 2020

### **Brain and Behavioral Sciences Mentor Committee**

University of Georgia Psychology Department – August 2018-present