KODIAK ALEXANDER SAUER

**PERSONAL:** Department of Psychology

Psychology Building

University of Georgia

Athens, GA 30602-3013

sauer@uga.edu

USA Citizen, Brazilian Citizen

**EDUCATION:**

**8/12-5/16** **B.S. Psychology**, Neuroscience Area of Emphasis 3.91/4.00

*Summa Cum Laude*, Highest Honors

University of Georgia, Athens, Georgia

**WORK EXPERIENCE:**

**8/15-Present** **Laboratory Coordinator**

University of Georgia, Clinical and Cognitive Neuroscience Lab

Bipolar-Schizophrenia Network on Intermediate Phenotypes (B-SNIP2)

Managing a large, multi-site, NIMH funded project on the neurobiology of the DSM psychoses.

700+ Hours data collection experience with persons with psychiatric brain disorders

**Research:**

Eye movement tasks as a physiological measure of cognitive control

Eye movement tasks as biomarkers of psychotic disorders

Brain structure and function in the DSM psychoses as measured by magnetic resonance imaging and electroencephalography

**Advisors: Drs. Brett Clementz and Jennifer McDowell**

**1/15-5/16** **Research Assistant**

University of Georgia, Human Biofactors Lab

**Research:**

The effect of lutein and zeaxanthin status on physical and cognitive ability and functional brain activity as measured by electroencephalography.

**Advisors: Drs. Lisa Renzi and Randy Hammond**

**6/15-8/15** **Summer Fellow**

Northeastern University, Computational Vision Lab

**Research:**

Reverse-phi experiments and the counterchange motion detection model

Cancelling hue of negative afterimages in a color matching display using spatial chromatic induction.

**Advisor: Dr. Ennio Mingolla**

**SERVICE:**

**7/17-Present Intern, WUGA FM Athens, Northeast Georgia NPR Member Station**

Helping with the Classic City Science program, which highlights local researchers at the University of Georgia and how they are directly impacting the state, the nation, and the world.

**7/17-Present Volunteer, Citizens Climate Lobby, Athens Chapter**

Speaking at local organizations, making connections, and engaging with the community to create the political will required for climate action

Working to secure community leader endorsements and political engagement

**2/17-Present Docent, Bear Hollow Wildlife Trail**

Hosting roughly 400 patrons in the reptile house Sundays for 3 hours

10 week training program taught how to give engaging presentations, handle animals effectively, and answer questions about controversial topics

**6/16-8/17 Volunteer, Campus Kitchen at UGA**

Collecting/sorting food donations roughly 3 hours a week

**2/17-5/17 Mentor, Thomas Lay Afterschool Program**

Tutoring middle school students from low SES communities roughly 2 hours a week

**3/17-5/17 Arts Education Intern, Lyndon House Arts Center**

Taught an 8 week stop-motion animation class for 9-12 year olds

**3/17 Garden Grower, Sandy Creek Nature Center**

Planted over 100 trees in the managed forest

**AWARDS:**

**4/17** University of GeorgiaPsi Chi Convention of the Behavioral Sciences, **Best Paper Presentation**

**1/16-5/16** University of Georgia,Center for Undergraduate Research Opportunities (CURO), **Research Assistantship**

**1/16** University of Georgia, Mathematics Department, **John G. Hollingsworth Award for Excellence in Undergraduate Mathematics Studies**

**8/12-5/16** University of Georgia **Presidential Leadership Scholarship**

**8/12-5/16** University of Georgia **Presidential Scholar**, 3 Semesters

**6/15-8/15** Center of Excellence for Learning in Education, Science and Technology (CELEST), **Summer Fellowship**

**1/15** National Wrestling Coaches Association, **Academic All-American**

**ACADEMIC PRESENTATIONS:**

**4/17** Psi Chi Convention of the Behavioral Sciences, “Parsing Components of Cognitive Control with Variations of Eye Movement Tasks” University of Georgia, Athens, GA – Awarded Best Paper Presentation

**4/16** Center for Undergraduate Research Opportunities (CURO) Symposium, “The Relationship Between Central Nervous System Xanthophyll Status and Brain Activation in Older Adults” University of Georgia, Athens, GA

**4/16** Center for Undergraduate Research Opportunities (CURO) Symposium, “Cognitive Control as Assessed by Multiple Eye Tracking Paradigms” University of Georgia, Athens, GA

**8/15** Center of Excellence for Learning in Education, Science, and Technology (CELEST) Final Presentations, “The Counterchange vs. Reichardt Motion Detection Models when Presented with Reverse-Phi Stimuli” Boston University, Boston, MA

**PROFICIENCIES:**

English, Native Proficiency

Portuguese, Professional Working Proficiency

Microsoft Office Suite

IBM SPSS Statistics

Comfortable with public speaking

Effective presentation of complex material to audiences of varying skills

Superior critical analysis skills

Experience training novices