

# Lindsay S. Shaffer

## PhD Candidate

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## Education

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2018 – Present	Ph.D., Psychology – Cognitive & Behavioral Neuroscience George Mason University, Fairfax, Virginia, USA Advisor: James C. Thompson, Ph.D.
2011 – 2013	B.A., Psychology University of Maryland, Baltimore County Baltimore, Maryland, USA
2007 – 2011	A.A., General Studies Montgomery College Rockville, Maryland, USA

## Manuscripts

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**Shaffer LS**, Crowder HD, Kakalec P, Duong LT, McDonald CG, Thompson JC. The reward positivity does not encode current reward value. [*in preparation*]

Thompson JC, Indelele E, **Shaffer LS**. Identity-specific devaluation of social outcomes. [*under review*]

Richie-Halford A, Cieslak M, Ai L, Caffarra S, Covitz S, Franco AR, Karipidis II, Kruper J, Milham M, Avelar-Pereira B, Roy E, Sydnor VJ, Yeatman, **The Fibr Community Science Consortium\***, Satterthwaite TD, Rokem A. An open, analysis-ready, and quality controlled resource for pediatric brain white-matter research. *Scientific Data*. 2022 October;9:616.

\*see Appendix 4 for listed co-authorship: **Shaffer LS**

Sedlak TW, Nucifora LG, Koga M, **Shaffer LS**, Higgs C, Tanaka T, Wang AM, Coughlin JM, Barker P, Fahey JW, Sawa A. Sulforaphane augments glutathione and influences brain metabolites in human subjects: A clinical pilot study. *Complex Psychiatry*. 2018 May;3(4):214-222.

Mills EW, **Shaffer LS**, Goes FS, Sawa A, Nucifora Jr FC. Case of secondary tics associated with olanzapine in an adult. *Front. Psychiatry*. 2017;8:150.

## Conference presentations

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**Shaffer LS**, Crowder HD, Duong LT, McDonald CG, Thompson JC. The reward positivity does not encode current reward value. Social and Affective Neuroscience Society meeting. Santa Barbara, CA. April 26-29, 2023. (Poster)

Kakalec P\*\*, **Shaffer LS\*\***, Roy B, Izquierdo AM, Thompson JC. Amygdala and dmPFC input modulates state dynamics of vmPFC during a naturalistic viewing task. Social and Affective Neuroscience Society fMRI Naturalistic Data Challenge, Online. May 4-6, 2022.

\*\*authors contributed equally

**Shaffer LS**, Crowder HD, Duong LT, Thompson JC. Integration of reward value and motivational state in the reward positivity. Social and Affective Neuroscience Society meeting, Online. May 4-6, 2022. (Poster)

Thompson JC, Indelele E, **Shaffer LS**. Selective devaluation of identity-specific representations of social rewards. Social and Affective Neuroscience Society meeting, Online. May 4-6, 2022. (Poster)

Thompson JC, Hassan E, **Shaffer L**. Identity-specific representation of social reward in orbitofrontal cortex. Social and Affective Neuroscience Society meeting. Online. April 28-May 1, 2021. (Poster)

Kuga H, Faria A, **Shaffer L**, Crawford J, Ohgaru T, Schretlen D, Mori S, Sawa A. F232. Abnormality of Resting-State Functional Connectivity in Insular Cortex in Patients with First Episode Psychosis. 73rd Annual Society of Biological Psychiatry Meeting. New York, NY. May 10 – 12, 2018.

Sedlak TW, Koga M, **Shaffer L**, Fahey J, Snyder S, Barker P, Sawa A. 175.2 A Glu That Binds Inflammation and Neurotransmission: Glutathione as a Glutamate Reservoir. *Schizophr Bull*, 2017;43, suppl\_1: S89.

Lavoie J, Na CH, **Shaffer LS**, Ward R, Schretlen D, Ishizuka K, Pandey A, Sawa A. Proteomic signatures associated with cognitive deficits in schizophrenia. Neuroscience 2016, San Diego, November 12 – 16, 2016.

## Extramural funding

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May 2020 – Sept. 2022      *Transdisciplinary Graduate Training Program in Data-Driven Adaptive Systems of Brain-Body Interactions.*  
Role: Graduate Research Assistant/NSF NRT Fellow  
Funding: \$34,000.00/year  
Organization: National Science Foundation  
Award #: 1922598  
PI: Siddhartha Sikdar, Ph.D.

## Awards and honors

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2023      Recipient, OSCAR Research Mentoring Excellence Award, George Mason University Office of Student Scholarship, Creative Activities, and Research

2021      Shortlisted Nominee, OSCAR Research Mentoring Excellence Award, George Mason University Office of Student Scholarship, Creative Activities, and Research

## Skills and certifications

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**Equipment/Techniques:** MRI, actiChamp EEG, simultaneous EEG and fMRI, EyeLink 1000 Plus, Sniffin' Sticks Odor Identification and Discrimination tests  
**Programming Languages:** Python, R, MATLAB, bash, Javascript  
**Software/Applications:** fMRIPrep, FSL, SPM, PsychoPy, EEGLAB, erpLAB, Jupyter, Qualtrics, NetLogo, jsPsych  
**Operating Systems:** Windows, Ubuntu (Linux)  
**Clinical Assessments:** MMSE, M.I.N.I.  
**Certifications:** AED/CPR - Adult, Level 1 MRI Safety, Level 2 MRI Safety

## Professional experience

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### Employment

2012 – 2014      Clinical Assistant I, Kennedy Krieger Institute, Baltimore, MD  
2014 – 2015      Educational Assistant, Sheppard Pratt Health System, Baltimore, MD

2015 – 2017	Research Program Assistant II, Johns Hopkins University School of Medicine, Baltimore, MD
2017 – 2018	Research Program Coordinator, Johns Hopkins University School of Medicine, Baltimore, MD
2018 – Present	Graduate Teaching Assistant, George Mason University, Fairfax, VA
2019 – Present	Graduate Research Assistant, George Mason University, Fairfax, VA

### **Invited talks**

2019	CASBBI Seminar Series, George Mason University
2022	CASBBI Seminar Series, George Mason University

### **Training & Professional development**

2019	Computational Social & Affective Neuroscience Pre-conference
2019	UCL Computational Psychiatry Summer Workshop

### **Competitions**

2022	Participant, SANS fMRI Naturalistic Data Challenge
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## **Professional service**

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### **Mentorship**

Current mentees:

Joseph Boyle (M.A., Psychology – Cognitive & Behavioral Neuroscience; 2022-Present)  
Donovan Troy Fontenot (M.A., Social Work; 2022-Present)  
Beth Foote (Ph.D., Psychology – Clinical; 2022-Present)  
Kelly Poretti (Ph.D., Kinesiology; 2022-Present)

Former mentees (graduate and undergraduate students):

Holly Crowder (B.S., Neuroscience; 2021-2022)  
Leah Downie (B.S., Neuroscience; 2018-2020)  
Lam Duong (B.S., Computer Science; 2019-2021)  
Eslam Hassan (B.S., Psychology; 2018-2019)  
Margret Howard (B.S., Psychology; 2020-2021)  
Egette Indelele (B.S., Psychology, M.A., Psychology; 2019-2022)  
Amara Olimb (B.S., Psychology; 2018-2020)  
Jonathan Schneider (B.S., Psychology; 2020-2021)  
Alexa Young (B.S., Psychology, pending M.A., Psychology; 2021-2023)

## Professional organizations

Active member of the following organizations: Social and Affective Neuroscience Society, Society for Neuroscience

## Leadership

2011 – present	Board of Directors Member, Broomfield Charity Foundation
2015 – 2018	Event Coordinator, Johns Hopkins Schizophrenia Seminar Series
2015	Event Coordinator, The 4 <sup>th</sup> Annual Johns Hopkins Schizophrenia Symposium
2016	Committee Member, Psychiatry Student Training and Research (P-STAR) Program, The Johns Hopkins Schizophrenia Center
2017	Event Coordinator, The 5 <sup>th</sup> Annual Johns Hopkins Schizophrenia Symposium
2017 – 2018	Event Coordinator, “Mind the Gap” Workshop Series, Johns Hopkins University

## Teaching appointments

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Fall 2018, Spring 2019	PSYC 304 - Psychology of Learning (Lab Section, TA)
Fall 2018	PSYC 100 – General Principles of Psychology (Grading TA)
Spring 2019	PSYC 300 – Research Methods in Psychology I (Grading TA)
Spring 2020 Fall 2022	PSYC 372 – Biopsychology (Lecturer)
Fall 2022 Spring 2023	PSYC 373 – Biopsychology Lab (Lecturer)