

Adam K. Shelp

Personal Address · Springfield, VA 22152 · 678-989-9253 · ashelp@gmu.edu

Education

George Mason University

Master of Arts, Cognitive and Behavioral Neuroscience

Technical Skills: TMS, tACS, EEG, fMRI (Lvl 2), PsychoPy, SPSS, JASP, R, MATLAB, Python, IRB

Fairfax, VA

Expected May 17, 2019

Young Harris College

Bachelor of Science, Psychology · Minor, Music & Biology

YHC Music Scholar, Zell Miller Scholar, General Honors Scholar, National MERIT Scholar, Who's Who Among College Students Recipient

Young Harris, GA

May 6, 2017

Research

Transcranial Magnetic Stimulation Investigation of the FPAN

Master's Thesis, Graduate Research Assistant, Co-investigator

We are using TMS to observe how inhibition of the right ventral intraparietal sulcus and right temporoparietal junction alter performance on a dynamic entrainment task as well as more directly observe their roles in attentional entrainment.

George Mason University

2018 - Present

Transcranial Alternating Current Stimulation Investigation of Attention

Graduate Research Assistant, Co-investigator

We are using tACS to investigate how rhythm can entrain attention during a choice response time task to contribute to the discussion on Dynamic Attending Theory.

George Mason University

2018 - Present

Behavioral Investigation of Temporal Expectation

Graduate Research Assistant, Co-investigator

We are investigating how time pressure affects one's ability to process and reproduce or recall information. This is a follow-up to my previous study on NFCC but looks more directly at time perception effects.

George Mason University

2017 - Present

How Need for Cognitive Closure Can Affect Cognitive Abilities

Honors Capstone, Undergraduate Research Assistant, Co-investigator

We tested to see if decaffeinated coffee can act as both a physical and mental placebo for caffeinated coffee.

Young Harris College

2017

The Daily Grind: Can Decaf Act as a Placebo for Caf Coffee

General Capstone, Undergraduate Research Assistant, Co-investigator

We tested to see if decaffeinated coffee can act as both a physical and mental placebo for caffeinated coffee.

Young Harris College

2017

Vibrio fischeri and Quorum Sensing

Honors Independent Research Project, Co-investigator

I studied how different chemicals could affect the advances of the bacteria *V. fischeri*, utilizing their bioluminescent quality to observe said motion.

Young Harris College

2014

Conference Presentations

Shelp, A., Wiener, M. (March 2019). The effects of delta transcranial alternating current stimulation on dynamic attending are phase and context dependent. Cognitive Neuroscience Society 2019. San Francisco, CA. (poster)

Abbott, N. L., Briscoe, E. W., **Shelp, A. K.**, Wayand, C. L., & Boggan, A. L. (April 2017). The daily grind. 16th Annual Georgia Undergraduate Research in Psychology Annual Conference. Kennesaw, GA. [also Young Harris College Undergraduate Research Conference in March] (poster)

Shelp, A. K., & Boggan, A. L. (March 2017). How need for cognitive closure can affect cognitive abilities. Fifth Annual Young Harris College Undergraduate Research Conference. (talk)

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Memberships (* = current)

Cognitive Neuroscience Society (CNS)*
Society for Neuroscience (SfN)*
Neuroscience Graduate Student Organization (NGSO), GMU*
Psi Chi, YHC

Certifications (* = current)

CITI Program: Human Research – Group 1 Social and Behavioral Research*	Expires 9/19
American Heart Association: Heartsaver CPR AED Classroom*	Expires 11/20
American Red Cross: Lifeguarding/First Aid/CPR/AED	Expired 6/17

Non-Academic Work Experience

Rev, Online **2017 – Present**

Transcribe, proof, and edit miscellaneous audio and video recordings ranging in topic from fine arts to the sciences while consistently maintaining an overall accuracy score of 4.8/5 and formatting score of 4.5/5.

UserTesting, Online **2017 – Present**

Beta-test websites and apps for UserTesting customers while providing clear and constructive feedback. Current approval rating: 5/5 stars.

Resident Assistant, Young Harris College **2014 – 2017**

Promote a safe and positive living environment for all residents by enforcing school rules, planning and budgeting programs, and addressing maintenance issues.

Cabin Counselor, Interlochen Arts Camp **Summers: 2015 – 2017**

Provide a safe and positive living environment for up to 14 middle or high school boys for a period of 1 to 6 weeks and effectively work with and around 25+ additional staff members for up to 7.5 weeks.

Leadership

Young Harris College Concert Band	Section Leader	2013 – 2017
Gay-Straight Alliance	President	2015 – 2017
Console Collective	Treasurer	2015 – 2017
Archery Club	Vice President	2017
Project: YHC TV	President	2015 – 2017

References

Dr. Martin Wiener, Master's Advisor
Cognitive and Behavioral Neuroscience, Assistant Professor, George Mason University
Contact: 703.993.6217; mwiener@gmu.edu

Dr. Jim Thompson
Cognitive and Behavioral Neuroscience, Assistant Professor, George Mason University
Contact: 703.993.9356; jthompsz@gmu.edu

Dr. Amy Boggan, Undergraduate Advisor
Psychology, Assistant Professor, Young Harris College
Contact: 706.379.5327; alboggan@yhc.edu