William Thyer

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Education

Expected 2023	*PhD Psychology, Integrative Neuroscience* University of Chicago, Institute for Mind and Biology
2020	*MA Psychology, Integrative Neuroscience* University of Chicago, Institute for Mind and Biology
2017	*BS Psychology, Minor in Statistics, cum laude* Florida State University

Experience

Present	*Graduate Researcher*, Awh & Vogel Lab University of Chicago
2017	*Research Assistant,* Nee Lab Florida State University
2015	*Research Assistant,* Plant Lab Florida State University

Certifications & Awards

2019	*Fellow*, Institute for Mind and Biology University of Chicago
2017	*SAS Certified Base Programmer,* Department of Statistics Florida State University

Peer-Reviewed Journal Articles

Foster JJ, **Thyer W**, Wennberg JW, Awh E (2021). Covert attention increases the gain of stimulus-evoked population codes. *Journal of Neuroscience*

Conference Talks

Thyer, W., Vogel, E., Awh, E. (May 2020). Multivariate decoding of visual memory load provides evidence for item-based "pointers". Poster session presentation at the *Virtual Working Memory Symposium*

Conference Posters

Thyer, W., Adam, K.S., Vogel, E., Awh, E. (October 2019). Multivariate Decoding of Visual Working Memory Load from the Human EEG Signal. Poster session presentation at the *Society for Neuroscience* conference, Chicago, IL

Thyer, W., Adam, K.S., Vogel, E., Awh, E. (October 2019). Decoding Feature-Independent Working Memory Load from Human EEG. Poster session presentation at the *Mind Bytes* conference, Chicago, IL

Thyer, W., Adam, K.S., Vogel, E., Awh, E. (November 2019). Decoding Feature-Independent Working Memory Load from Human EEG. Poster session presentation at the *Object Perception, Attention, and Memory* conference, Montreal, Quebec

Service

Present	*Committee Head*, Academic and Career Development Committee Psychology Graduate Student Organization
2019	*Group Leader,* Machine Learning Group Knowledge, Information, Science, & Statistics Organization
2018	*Committee Member,* Academic and Career Development Committee Psychology Graduate Student Organization

Skills

Expertise in:

Programming and data analysis/visualization in Python, MATLAB
Predictive modelling and multivariate pattern analysis in Scikit-Learn
Collection and analysis of human electroencephalogram (EEG)

Proficiency in:

Programming and data analysis/visualization in R, SAS
Version control using GitHub