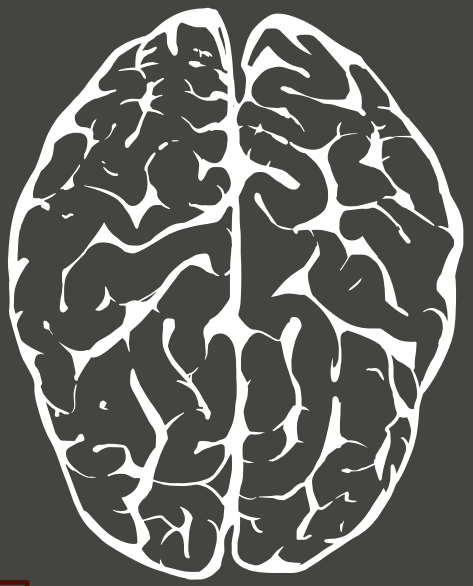

Psychology Research Labs

COGNITIVE

Pamphlet by Psi Chi Chapter of Mississippi State
Current as of Spring 2021

HOW TO APPLY TO BE IN A LAB:

- *EMAIL THE FACULTY MEMBER POLITELY AND PROFESSIONALLY.INCLUDE WHY YOU'RE INTERESTED IN THEIR LAB'S RESEARCH AND ASK IF YOU NEED TO HAVE TAKEN EXPERIMENTAL PSYCHOLOGY AND INTRODUCTION TO PSYCHOLOGICAL STATISTICS IN ORDER TO JOIN THEIR LAB.TIP: IT MIGHT BE BENEFICIAL TO LOOK INTO THEIR LAB'S PUBLICATIONS WHICH ARE LOCATED ON THE PSYCHOLOGY DEPARTMENT WEBSITE -> FACULTY & STAFF -> MORE -> PUBLICATIONS.*
- *BE PATIENT. IF THE FACULTY MEMBER DOES NOT ANSWER IMMEDIATELY OR DOES NOT RESPOND, SEND A CHECK-IN EMAIL 1-2 WEEKS AFTER THE INITIAL EMAIL.IF THERE IS STILL NO RESPONSE, SEND ANOTHER CHECK-IN EMAIL 1-2 WEEKS AFTER THE SECOND EMAIL.THEY ARE BUSY. DON'T WORRY! THEY WILL GET BACK TO YOU.ASK THE FRONT OFFICE FOR THE FACULTY MEMBER'S OFFICE HOURS AND TRY TO MEET THEM IN PERSON.*
- *ONCE ACCEPTED INTO A LAB, PICK UP A DIS FORM FROM THE FRONT OFFICE IF YOU WANT COURSE CREDIT.FILL OUT THE DIS FORM.GIVE THE DIS FORM TO THE FACULTY MEMBER, SO THEY CAN SIGN THE FORM.TURN THE FORM INTO THE FRONT OFFICE.*

Dr. Deborah K. Eakin

I am interested in human memory in general, specifically factors that impact retrieval of information. I am particularly interested in interference as an explanatory mechanism for forgetting. Much of my research has also focused on the monitoring and control of retrieval processes, or metamemory. My research uses a variety of methodologies, including a variety of populations, including older adults and children.

Contact Dr. Eakin at
deakin@psychology.msstate.edu
https://sites.google.com/site/eakinmemoryandmetamemorylab/home

Dr. Allison Jaegar

Dr. Jaeger's research interests are situated at the intersection of education and cognitive psychology. Her research explores how individual differences in cognitive capacities (such as spatial thinking) impact STEM learning, and how learning materials and instructions can be designed to support learning for all types of students. She also investigates how these same materials and instructions can impact students' metacognitive monitoring accuracy. Through her research, Dr. Jaeger has developed collaborations with researchers and educators in Psychology, Computer Science, Education, and STEM domains including Geoscience and Chemistry. She can be reached at ajb1193@msstate.edu

Dr. Andrew F. Jarosz

The goal of our research is to understand not only the processes underlying successful problem solving, but also to determine why individuals differ in their ability to succeed on problem solving tasks. The Attention, Reasoning, and Creativity (ARC) Lab explores several types of problem solving, including analytic (such as on an intelligence test), creative, and mathematical. In particular, our work has focused on the specific processes and strategies required to solve different kinds of problems, and how working memory capacity and attention both aid and hinder those processes.

They should contact me:
afj62@msstate.edu
https://sites.google.com/view/jaroszresearchlab/welcome

Dr. Hossein Karimi

In Cognition of Language Lab (CoLLab), we investigate the cognitive processes underlying human language processing, with a focus on memory and attentional processes, as well as the effect of aging on such processes. Our empirical research looks into both language production and language comprehension and relies on behavioral and neural measures including eye-tracking and electroencephalography (EEG).

Hossein Karimi at
hk702@msstate.edu

Dr. Jarrod Moss

Research in our lab focuses on two main areas. The first line of research seeks to understand how people solve complex problems especially when the problem requires the generation of novel or creative solutions. The second line of research in the lab involves examining the neural correlates of employing effective learning and training strategies. For both of these lines of research, we use neuroimaging tolls to understand how these cognitive processes work.

If you are interested in cognitive science doctoral program at Mississippi State University and want to discuss the potential of working together, please get in touch with me via email at
jarrod.moss@msstate.edu
http://psllab.org/

Dr. Michael S. Pratte

In the Perceptual and Cognitive Neuroscience lab we investigate how the human brain is so good at perceiving, remembering, and later recognizing visual information in the world. By combining behavioral measures, EEG, and fMRI we are able to construct and test theories of how we see and remember both simple information such as colors, and more complex visual stimuli such as faces.

Dr. Pratte
prattems@psychology.msstate.edu http://
pcn.psychology.msstate.edu

Dr. Julia S. Soares

My research explores memory in the world: how we store information in the environment, as well as how memory functions in everyday settings. I am particularly interested in the effects of using digital technology on how we remember and think about remembering the past. For instance, one line of my work explores how photographing an event might change how that event is remembered relative to not photographing that event. Students can contact me directly,

j.soares@msstate.edu
https://juliassoares.com/