

Lauren Kresser

Phone: (262) 442-1343
lekresser@yahoo.com

620 N Carroll St
Madison, WI 53703

EDUCATION

Bachelor of Science, Neurobiology
Honors in the Liberal Arts BS
University of Wisconsin-Madison

May 2022

RESEARCH EXPERIENCE

Research Technician
University of Wisconsin-Madison
Advisor: Dr. Ari Rosenberg

2022-present

- Performed electrophysiological recordings to investigate 3D visual representations in brain areas along the dorsal visual pathway.
- Trained rhesus macaques to perform behavioral tasks.
- Developed code to run statistical analysis and visually represent data.
- Scheduled and conducted visual search experiments with children (ages 13-17).

Lab Assistant
University of Wisconsin-Madison
Advisor: Dr. Ari Rosenberg

2021-2022

- Prepared raw neuronal data for analysis with MatLab and other similar programs.

Research Assistant
Cognitive Development and Communication Lab
University of Wisconsin-Madison
Advisor: Dr. Martha Alibali

2020-2021

- Prepared primary research materials for the “Interpreting Covariation Data” study.
- Conducted pilot studies with children (ages 12-14) and research assistants.
- Created promotional materials for the study.

PUBLICATIONS

Doudlah, R., **Kresser, L.**, Zhu, Z., Chang, T.Y., & Rosenberg, A. Presaccadic activity and sensorimotor associations at the parieto-occipital junction in macaque monkeys. (In preparation).

Doudlah, R., **Kresser, L.**, Chang, T.Y., & Rosenberg, A. The role of vergence eye movements on three-dimensional pose representations in the parietal cortex. (In preparation).

POSTERS

Kresser, L., Doudlah, R., Zhu, Z., Rosenberg, A. (2022) *Presaccadic activity and sensorimotor association at the parieto-occipital junction in macaque monkeys*. Neuroscience Training Program Re-Connectome Symposium, Madison, WI., September 21st, 2022.

AWARDS AND HONORS

Biocore Honors Certificate Recipient
University of Wisconsin-Madison

May 2021