

Neuroscience Laboratories Technician (proposal for new RSAP position)

Description of the position:

The primary duties of the student associate will be to provide technical support to the neuroscience laboratories housed in the Department of Psychology (i.e., Kim Gerecke's Neuroscience Laboratory and Jeff Sable's Cognitive Neuroscience Laboratory). These labs are affiliated with both the Psychology Department and the Interdisciplinary Neuroscience Program.

- The student associate would support teaching and scholarship:
 - By delegating technical tasks to the student associate (because the task may exceed the knowledge base or availability of a non-paid student), it allows the faculty to devote more time to other teaching- and scholarship-related activities.
 - Since Drs. Gerecke and Sable both teach courses in which the students do laboratory research, the student associate would facilitate classroom activities that are supported by their work. The student associate may even have the opportunity to provide class demonstrations for other faculty.
- The student associate may occasionally be called upon to provide temporary technical support outside of the two neuroscience labs, most likely to other faculty in Psychology or Neuroscience
- The student associate position will demonstrate institutional commitment to these labs (e.g., to potential sources of external funding for teaching and scholarship agencies). In addition, the associate may develop the experience and interest to pursue external funding for their work (e.g., an NIH NRSA fellowship), either for their work here at Rhodes or for graduate funding.

Specific student associate responsibilities:

Actively engage in the research teams of Drs. Gerecke and/or Sable, including the training and education of other students working in the labs. Lab responsibilities may include:

- Dr. Gerecke's lab: Basic immunohistochemistry techniques (training will be provided) and library research assistance.
- Dr. Sable's lab: Setup, testing, troubleshooting, and maintenance of computers and equipment (e.g., psychophysiological acquisition systems); computer programming and data analysis and storage.

Requirements for the student associate:

- Major: Neuroscience, Psychology, and/or Computer Science
- Academic or career interests in psychophysiology, cognitive neuroscience, and/or behavioral neuroscience
- Technical skills:
 - Interest and/or experience in computer programming and familiarity with library search engines
 - Interest and/or experience with basic electronics a plus