

RESEARCH IN A GENERAL EDUCATION COURSE	RESEARCH IN UPPER DIVISION PSYCHOLOGY COURSE
<i>NEUROSCIENCE: SLEEP AND DREAMS</i>	<i>RESEARCH SEMINAR IN SLEEP PSYCHOLOGY</i>
Uses BIOPAC Student Lab; can be easily adapted to a variety of student-designed experiments	Uses BIOPAC PRO system; greater variety of experimental designs/variables/data; requires more intensive training on equipment
Class size = 20 students in any major; usually non-psychology majors.	Class size < 10 psychology majors. Stats/Methods sequence required; “motivated” students.
Students work either individually or in small groups (2-3). Choose hypothesis that can easily be tested with resources/equipment.	Students work as a group to develop hypotheses and write proposal; may divide up for multiple hypotheses. Each student takes a “lead role” on some aspect of study.
Minimal literature review required (3 articles)	In-depth literature review.
Research paper and presentation at MCLA Undergraduate Research Conference (APA-style not mandatory)	APA-style research paper and presentation at MCLA Undergraduate Research Conference and other regional/national conferences; occasionally publications
Use classmates as participants; small sample sizes almost always yield nonsignificant results; simple stats	Use departmental subject pool and beyond. A time-intensive course requiring motivation and extensive cooperation with other students
<i>Objective: To understand scientific method and apply it in a simple research project</i>	<i>Objective: To involve students in all aspects of psychological research</i>

