

PSYC 491- Research and Experiential Learning in Psychology Handout

REQUIREMENTS:

- GPA of 2.5 or greater
- Prior approval from faculty you will work with, the student and faculty member must reach agreement on what the student will accomplish, how long the project will take and how many credit hours the student will earn.

TO GET APPROVAL YOU WILL NEED :

- To meet with and get approval from the faculty mentor
 - See a list of faculty members research experience descriptions below
- Complete the **PSYC 491/493/496 ONLINE CONSENT FORM****

*****Your faculty mentor will send you a URL to complete the form electronically. When you submit the form your Psychology Advisor will be able to register you for the course.***

Faculty Experience Descriptions

<u>Dr. Conover</u>
Lab best suited for students interested in:
Clinical Child/School Psychology
Number of students and commitment:
5-6 undergraduates for either a full year or a semester
Experience Description:
My lab engages in assisting me with the development and the validation of academic assessments for students in Pre-K to 12 with learning difficulties in areas of reading, math, science, and social studies. Currently, I am working to developing a vocabulary-matching assessment in the area of science for 5th graders.
Typical Student Responsibilities:
Students conduct peer reviewed literature searches, learn how to write according to APA style by completing article summaries, help with data collection procedures, organize data sets, and assist with running analysis for projects.
URCA Participant: Yes

<u>Dr. Daus</u>
Lab best suited for students interested in:
Industrial/Organization Psychology, Social Psychology
Number of students and commitment:
1-2 undergraduates for either one semester or a full year
Experience Description:
My lab experiences vary; sometimes we run studies. Sometimes students work on data and studies from past years, writing things up and going over the data analysis. I study emotional intelligence, emotional labor, and specific emotions like pride and anger, and how they play out in work settings.
Typical Student Responsibilities:
Tasks vary from article searches/summaries; data entry; formulating research designs; running study/participants; collecting data.
URCA Participant: Sometimes

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<u>Dr. Finley</u>
Lab best suited for students interested in:
Experimental/Cognitive Psychology
Number of students and commitment:
1-4 undergraduates for a year or more (or <i>maybe</i> just 1 semester)
Experience Description:
My lab investigates: the limits and improvements of human learning and memory, metacognition (how we monitor and control our own thinking), and offloading cognition onto the environment (using technology to help us think, writing things down, etc.). Everyday memory and cognitive experiences, history of psychology, integrating science with the arts and humanities, generational differences in perspective on change, and ADHD.
Typical Student Responsibilities:
Students will be involved in a variety of the phases of research. Developing materials and ideas for new studies, searching the literature, running participants, managing and analyzing data, creating graphs, writing. Methods we use might include: surveys, experiments, both online and in-person methods, field studies, archival data mining (e.g., from past conferences, or current social media), wearable cameras, experience sampling (from simple tally counters to texting participants at random intervals), qualitative data coding. Especially seeking anyone who has any programming skills (but it's okay if you don't). Potential for coauthorship on publications if you work with me for at least a year.
URCA Participant: Yes

<u>Dr. Hawkins</u>
Lab best suited for students interested in:
Social Psychology
Number of students and commitment:
5 undergraduates for either a full year or a semester
Experience Description:
My research interests concern motivations and strategies for reducing the impact of bias on social and political judgment and behavior. Specific projects include evaluating online diversity education, prejudice toward vegetarians and vegans, and understanding "independent" political identities.
Typical Student Responsibilities:
Literature searches, reading and summarizing research articles, designing and programming research studies, writing IRB applications, coding and analyzing data, creating tables and figures, assisting with manuscript preparation, submitting abstracts and creating posters for conference presentations
URCA Participant: Yes

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<u>Dr. Hupp</u>
Lab best suited for students interested in:
Clinical Child/School Psychology
Number of students and commitment:
25 undergraduates for each semester
Experience Description:
Students visit one of the Head Start preschool centers two mornings a week. We train students to implement the Second Step program which teaches social-emotional skills.
Typical Student Responsibilities:
Teaching children about social-emotional skills.
URCA Participant: No

<u>Dr. Jewell</u>
Lab best suited for students interested in:
Clinical Child/School Psychology
Number of students and commitment:
4 undergraduates for each semester
Experience Description:
Students teach a 5 session compassion meditation program to teens residing in the Madison County Juvenile Detention Center.
Typical Student Responsibilities:
Teaching compassion meditation, literature reviews, data entry, etc.
URCA Participant: Sometimes

<u>Dr. McKenney</u>
Lab best suited for students interested in:
Clinical Child/School Psychology, Social Psychology, Applied Behavioral Analysis, Clinical Psychology (Adult)
Number of students and commitment:
5 undergraduates for either a full year or a semester
Experience Description:
Students in the Evidence-Based Intervention for Children and Adolescents with ASD lab conduct weekly observations in area schools, providing information to the lab team (including graduate students and the faculty mentor) about implementation of evidence-based interventions for students with Autism Spectrum Disorder. The lab studies the way that mental health professionals, such as school psychologists, can support educators' delivery of comprehensive services for learners with ASD. Some students in my lab have interests in cultural competence and multicultural issues in schools, and there are opportunities for students to participate in literature reviews and manuscript preparation related to these topics, as well.
Typical Student Responsibilities:
Students routinely conduct observations of student and teacher behavior in classrooms specially designed for students with Autism Spectrum Disorder (ASD). In addition, students gain experience in conducting literature reviews, assisting in the preparation of manuscripts and conference materials, and assisting with data analysis.
URCA Participant: Yes

<u>Dr. Meeks</u>

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Lab best suited for students interested in:
Experimental/Cognitive Psychology
Number of students and commitment:
6-8 undergraduates for either a full year or a semester
Experience Description:
My research typically involves studying factors that either impair or improve human memory ability (broadly defined). Recently, I have been focusing how mood, emotion, and mindfulness affect memory. Students participate in all aspects of the research process.
Typical Student Responsibilities:
Literature reviews, help with research design, collecting data, analyzing data, interpreting the results, and potentially helping with poster presentations and/or manuscripts.
URCA Participant: Yes

<u>Dr. Mainz</u>
Lab best suited for students interested in:
Any interests
Number of students and commitment:
5-6 undergraduates for a full year
Experience Description:
Generally speaking, I investigate "individual differences" in skilled performance (in a variety of domains, including music, chess, rubik's cube solution, poker, etc)...this means I'm interested in the ways people are DIFFERENT (in cognitive abilities, in personality, in experience/practice) that lead to these outcomes.
Typical Student Responsibilities:
Usually all stages of project: question formation, reading articles, creating tests/measures, testing participants, analyzing data, and then creating a poster of the findings. I always have my students present the results of their study at a professional conference at the end of the year (usually MPA, which takes place in Chicago).
URCA Participant: Yes

<u>Dr. Murphy</u>
Lab best suited for students interested in:
Clinical Psychology (Adult)
Number of students and commitment:
1-4 undergraduates for either a full year or a semester
Experience Description:
Broadly, my research focuses on the use of technology in providing psychological services (i.e., telepsychology).
Typical Student Responsibilities:
Literature review searches, running participants, cleaning and analyzing data
URCA Participant: No

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<u>Dr. Nadler</u>
Lab best suited for students interested in:
Industrial/Organization Psychology, Social Psychology
Number of students and commitment:
2-4 undergraduates for a full year
Experience Description:
Stereotype based bias in organizational decision making
Typical Student Responsibilities:
Running Sessions, data entry, literature reviews, poster presentations, weekly meetings, preparing to submit applications to graduate schools
URCA Participant: Yes

<u>Dr. Pawlow</u>
Lab best suited for students interested in:
Clinical Psychology (Adult)
Number of students and commitment:
5 undergraduates for a full year
Experience Description:
My lab focuses on Health-Psychology related topics, and I generally have my students do their own group project over the course of the year and present it at MPA. Recent things students in my lab have researched in include sleep, caffeine use, tanning behaviors, body image, and dieting.
Typical Student Responsibilities:
Literature reviews, submitting IRB applications, designing studies, collecting data, entering data into SPSS, analyzing data writing up results for professional dissemination and orally presenting their work.
URCA Participant: Yes

<u>Dr. Pettibone</u>
Lab best suited for students interested in:
Experimental/Cognitive Psychology
Number of students and commitment:
3-4 undergraduates for a full year
Experience Description:
In general, we do experimental research to understand how context influences preference formation. We typically do this by studying the Decoy effect, and how susceptibility to it changes across cognitive and individual difference variables.
Typical Student Responsibilities:
Data collection with human participants, weekly lab meetings, reviewing relevant literature, presenting results at conferences and the psyc Expo, research proposals for new ideas.
URCA Participant: Yes

<u>Dr. Ro</u>

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Lab best suited for students interested in:
Clinical Psychology (Adult)
Number of students and commitment:
1 ~ 3 undergraduates for a full year
Experience Description:
I will NOT be recruiting students next year due to my sabbatical leave. However, in other years students that are interested in conducting an independent project within the topic of adult psychopathology join my lab (I allow group projects as well). I work with them closely throughout the whole research process (e.g., idea generation, study design, data collection, data analysis, poster making).
Typical Student Responsibilities:
Conducting independent research projects of their own interests to be presented at a conference (e.g., MPA).
URCA Participant: Yes

<u>Dr. Shimizu</u>
Lab best suited for students interested in:
Health Behavior
Number of students and commitment:
5-6 undergraduates for either a full year or a semester
Experience Description:
Students are participating in theory-based research related to health behavior such as eating, exercising, and sleeping.
Typical Student Responsibilities:
Students generate research ideas and design studies. Study dents also take part in conducting their study and/or other research projects
URCA Participant: Yes

<u>Dr. Tennial</u>
Lab best suited for students interested in:
Social Psychology
Number of students and commitment:
1-3 undergraduates for either a full year or a semester
Experience Description:
This is a new lab that will be focusing on projects related to Collective Identity and Identification, specifically racial/ethnic identity and sexual identity, Stigma and Prejudice, Scholarship of Teaching and Learning, as well as inter- and cross-disciplinary work with other psychologists and researchers in STEM disciplines. I have several ongoing projects that I will need varying degrees of assistance with.
Typical Student Responsibilities:
Students conduct peer reviewed literature searches, learn how to write according to APA style by completing article summaries, help with data collection procedures, organize data sets, assist with running analysis for projects, proofreading manuscripts, and assisting in writing conference proposals.
URCA Participant: Yes

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<u>Dr. Voyles</u>
Lab best suited for students interested in:
Industrial/Organization Psychology, Social Psychology
Number of students and commitment:
5 undergraduates for either a full year or a semester
Experience Description:
This research lab is focused on research in Industrial/Organizational and Social Psychology. Current research topics in this lab include stereotype threat, age discrimination at work, and employment interview anxiety. In addition to these ongoing projects, research assistants will explore research within Industrial/Organizational psychology or social psychology that matches their own interests.
Typical Student Responsibilities:
URCA assistants in this research lab will fulfill a variety of lab responsibilities including: running experimental sessions, managing participant sign-ups, designing research surveys, conducting literature searches, tracking participants in pool party, proofreading manuscripts, designing research studies, assisting in data cleaning, assisting in data analysis, assisting in writing conference proposals.