PSYC 491- Research and Experiential Learning in Psychology Handout

REQUIREMENTS:

- GPA of 2.5 or greater
- 18 credit hours at SIUE
- 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 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 Member & Lab Focus	Number of Students & Commitment	Experience Description, Student Responsibilities & URCA Participation
Dr. Abraham Experimental/ Cognitive Psychology	• 4-6 • Full year (preferred) or a semester	**Experience**: My lab uses experimental methods to investigate how humans create, use, and comprehend language. I am primarily interested in how skilled adult readers recognize words during and create meaning. Recent topics of research have included novel word learning, bilingualism, ambiguous word recognition, context effects, and the role of spelling skill in supporting reading and learning. **Responsibilities**: Students may be involved in many aspects of the research process. Responsibilities may include developing materials, writing IRB applications, conducting a literature review, reading and summarizing journal articles, writing APA style summaries, working with participants, data collection, scoring measures, data analysis, reviewing manuscripts, and assisting with research proposals. **URCA**: Yes
Dr. Bradley Social Psychology	• Up to 5 • Full year preferred, will take students for a semester	**Experience**: This lab focuses on projects related to Collective Identity and Identification, specifically racial and sexual identity, Colorism (a.k.a. skin tone bias), 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. **Responsibilities**: Students conduct peer reviewed literature searches, learn how to write according to APA style by completing annotated bibliographies, help with data collection procedures, organize data sets, assist with running analysis for projects, and assisting in writing conference proposals. **URCA**: Yes

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Dr. Childers Industrial/Organizational Psychology; Judgement and Decision Making	• 4-6 • Full year or a semester (either or both)	**Experience**: My lab engages in research on hiring, assessment of employees and applicants, judgement and decision making in the workplace, and diversity, equity, and inclusion initiatives. Specifically, students will work on projects focusing on the experience of Neurodiverse employees and how the structure of job interviews impact interviewee experience and validity. **Responsibilities**: Duties will vary based on student ability and interest and project needs. Generally, students will conduct literature searches, run participants through mock interviews, help with data collection, organize data sets, assist with running analysis for projects, proofreading and preparing manuscripts for publication, and preparing conference proposals. Experienced students will also have the opportunity to complete independent research. **URCA**: Yes
Dr. Conoyer Clinical Child/ School Psychology	• 5-8 • Full year preferred, will take students for a semester	**Experience**: Development and validation of academic assessments for K-12 students with learning difficulties, providing academic interventions. **Responsibilities**: Students are trained to implement academic skills building interventions. Assistants work in local elementary schools in the mornings and/or afternoons to provide math interventions to upper elementary grades. Students also conduct literature searches, learn how to write according to APA style, help with data collection procedures, organize data sets, and assist with running analysis for projects. **URCA**: Yes
Dr. Finley Experimental/Cognitive Psychology	• 1-4 • Full year or more (or one semester)	**Experience**: 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. **Responsibilities**: Students will be involved in a variety of phases of research. Developing materials and ideas for new studies, searching 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 co-authorship on publications if you work with me for at least a year. **URCA**: Yes

PSYC 491- Research and Experiential Learning in Psychology Handout

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Dr. Fisher Resilience, Industrial-Organizational Psychology	• 5 • Full year or a semester (either or both)	**Experience**: My lab engages in research focused on resilience. Typically, this research relates to resilience in the workplace, but this does not necessarily have to be the case. We are also interested in resilience applied to various other domains of life, such as for veterans, student athletes, single parents, etc. A major theme underlying our work is how best to promote resilient individuals, teams, and organizations. **Responsibilities**: Tasks vary from article searches/summaries; data entry; formulating research designs; running study/participants; collecting data. **URCA**: Yes
Dr. Greenwalt Counseling Psychology	• 5 • Full year or a semester (either or both)	**Experience**: Study how socialization processes, attitudes, and identity development unfold within families and broader social contexts. We focus on racial-ethnic and sexual identity formation, with particular attention to transracial and structurally diverse families. Our work examines how cultural ideologies (e.g., color-evasive racial beliefs and heteronormative assumptions) and communication practices influence family dynamics, intergroup dialogue, and resilience among youth and young adults. **Responsibilities**: Support literature searches, reference management, data collection, data coding and entry, recruitment activities, journal club and research meetings. Students will have the opportunity to submit and create conference posters, as well as assist with writing manuscripts. **URCA**: No
Dr. Hawkins Social Psychology	• 5 • Full year or a semester	**Experience**: My research interests concern motivations and strategies for reducing the impact of bias and improving wellbeing. Specific projects include evaluating online diversity education, stereotypes about vegetarians, and the experience and influence of the positive emotions of awe and gratitude. **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**: Yes

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Dr. Hupp Child Psychology, Science of Psychology, Fringe Science, Pseudoscience, Pop Culture	• 5 • Each semester	**Experience**: Students write and submit fun psychology articles for Dr. Hupp's popular magazine called *Skeptical Inquirer: The Magazine for Science and Reason* (visit skepticalinquirer.org to learn more). The experience also involves editing the work of other authors in the days before the magazine gets printed. Students are commonly credited in the front of the magazine as beta readers (and occasionally as authors). Join Bill Nye and Cara Santa Maria in writing for a magazine published by the Committee for Skeptical Inquiry (an organization founded by psychologist B. F. Skinner, science fiction writer Issac Asimov, and many other scientific voices). **Responsibilities**: Editing and writing about psychology, science, and pop culture. **URCA**: No
Dr. Jenkins Developmental and/or Social Psychology	• Up to 5 • Full year preferred, will take students for a semester	**Experience**: My research examines gender role attitudes including masculinity and sexism and developmentally among emerging adults. I am predominantly interested in how gender-based attitudes impact the lives of individuals, including their mental health, and interpersonal processes. This lab will explore these areas using quantitative research through secondary research and survey methods. I hope to begin a survey study in the next few months, and I have access to several secondary datasets for potential projects. **Responsibilities**: Duties will vary based on student availability and interest in projects. Students may conduct peer reviewed literature searches, write up IRB applications, help with data collection (e.g., survey creation), organize datasets (using SPSS, Qualtrics, etc.), assist with running analyses, proofreading manuscripts, and help with writing conference proposals. **URCA**: Yes
Dr. Jewell Clinical Child/ School Psychology	• 4-8 • Each semester	**Experience**: Students teach a 5-session compassion meditation program to teens residing in the Madison County Juvenile Detention Center. **Responsibilities**: Teaching compassion meditation, literature reviews, data entry, etc. **URCA**: Sometimes
Dr. Pettibone Experimental/ Cognitive Psychology	• 3-4 • Full year	**Experience**: 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. **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**: Yes

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Dr. Polk Social Psychology/ Developmental Psychology	• 5-6 • Full year (preferred) or a semester	**Experience**: My lab examines different variables that are associated with social media behaviors. These variables are potential outcomes (i.e., depressive symptoms, body image disorder, anxiety symptoms) as well as potential motivators for going online, time spent on social media, who do you follow, etc. We examine these behaviors in college students and adolescents. My lab also studies peer status groups in adolescence, and the relationship between peer status groups and social media behaviors/outcomes. **Responsibilities**: Students conduct peer reviewed literature searches, write-up IRB applications, help with data collection procedures (i.e., in-person lab experiments, going into schools for data collection, creating online surveys), organize data sets (using SPSS, Qualtrics, etc.), and assist with running analysis for projects (analyzing and coding data in Qualtrics). Students will have the opportunity to submit and create conference posters, as well as assist with writing manuscripts. **URCA**: Yes
Dr. Ro Clinical Psychology (Adult)	• 4-6 • Full year	**Experience**: Students that are interested in conducting an independent project within the topic of adult psychopathology join my lab (I allow group projects as well). We do research on personality pathology and its effects on mental health, broadly speaking. I work with them closely throughout the whole research process (e.g., idea generation, study design, data collection, data analysis, poster making). **Responsibilities**: Conduct independent research for conference presentation (e.g., MPA). **URCA**: Yes
Dr. Shimizu Health Behavior	• 5-6 • Full year or a semester	**Experience**: Students are participating in theory-based research related to health behavior such as eating, exercising, and sleeping. **Responsibilities**: Students generate research ideas and design studies. Students also take part in conducting their study and/or other research projects **URCA**: Yes