



Undergraduate Advising Office
DEPARTMENT OF PSYCHOLOGY

<http://psychology.tamu.edu>

Spring 2019

PROFESSOR (Area)	# NEEDED Session	TOPICS	TASKS REQUIRED
<p>Smallman rsmallman@tamu.edu Social</p>	<p>485, 491 6 students</p>	<ol style="list-style-type: none"> 1. Social cognition, affect, judgment and decision-making, broadly construed. 2. Projects may include studies and research looking at counterfactual thinking, categorization, and a variety of lab-based tasks 	<ul style="list-style-type: none"> • Running experimental sessions • Coding/entering data • Participating in discussions about ongoing lab projects • Attend weekly lab meetings
<p>Yamauchi Takashi-yamauchi@tamu.edu Cognitive</p>	<p>485, 491 10 students</p>	<ol style="list-style-type: none"> 1. Emotion and cognition, music perception, unconscious processing 	<ul style="list-style-type: none"> • Designing and administering experiments • Developing stimuli • Literature search
<p>Grau j-grau@tamu.edu Learning/Behavioral & Cellular Neuroscience</p>	<p>485 2-3 students</p>	<ol style="list-style-type: none"> 1. Learning 2. Spinal cord plasticity 3. Recover after spinal injury 	<p>The work is conducted using animal subjects (rats). Tasks include surgery, behavioral testing, histology, cellular assays, and data entry. We are particularly interested in students seeking careers in medicine or neuroscience. Students must have a strong GPR (> 3.5) and SAT, GRE, or MCAT scores. Because intensive training is required, we seek students who can make at least a one year commitment</p>

PLEASE NOTE

To enroll in a 484-485, you must discuss it with the professor and complete a contract to be turned in to the PSYC Advising Office during open registration.

<p>Vani Mathur vmathur@tamu.edu Social & Neuroscience ***Online application available at: https://goo.gl/forms/v633OwPS1RWGnXW03 I do ask at least a 2 semester commitment.</p>	<p>485 only for first semester RAs</p> <p>5 students</p>	<p>Pain Disparities</p> <p>Experimental Social Psychology</p> <p>Social modulation of pain</p> <p>Social and Cultural Neuroscience</p> <p>Pain Psychophysics</p>	<ul style="list-style-type: none"> • Collecting data requires extensive training on psychophysical equipment. Therefore, a commitment of at least two semesters is strongly recommended. • Support the set up and maintenance of the lab. • Data entry. • Assist with literature reviews - some RAs will be working directly with graduate students and/or post-doctoral fellows on specific projects.
<p>Dr. Matthew Vess vess@tamu.edu Social Psychology</p>	<p>485/491</p> <p>10 students</p>	<p>Existential Social Psychology</p>	<p>Running experimental session with human subjects: data coding and analysis</p>
<p>Rachel Smith Application instructions: rachelsmithlab.sites.tamu.edu Behavioral & Cellular Neuroscience</p>	<p>485</p> <p>2-3 students</p>	<p>Neuroscience of drug addiction</p>	<p>Task: Lab work involves behavioral experiments with drug self-administration in rats, and histology on brain tissue. Due to the technical training needed for these tasks, requirements include 10 hours/week, 1-2 year commitment, and GPA >3.2. Can receive either PSYC or NRSC credit.</p>
<p>Jessica Bernard jessica.bernard@tamu.edu Cognition & Cognitive Neuroscience</p>	<p>484/485 only</p> <p>Up to 4 students</p>	<p>Learning & Aging Using Neuroimaging and Brain Stimulation</p>	<p>Students will help on a variety of studies investigating learning and aging. This work will take advantage of brain stimulation and brain imaging. Students will help primarily with running subjects on different tests on the computer, but also may help in administering the brain stimulation, as well as tests of balance. There will be a lot of time spent interacting with subjects from the subject pool, and from the Bryan-College Station community. Students will also help with entering data into spreadsheets and preparing data for analysis.</p>

<p>Dr. Isaac Sabat sabatpsyclub@gmail.com Industrial/Organizational</p>	<p>4858 8 students</p>	<p>We research all aspects of diversity in employment, including but not limited to a) disclosure of stigmatized identities (e.g., LGBT, pregnancy, religious, and political orientation minorities), b) intersectionality of multiple identities (e.g., experiences of black women), and allies in the workplace.</p>	<p>Assist with all aspects of the research process, including literature reviews, article reviews, weekly lab meetings, study design, data collection, data analysis, and writing.</p>
<p>Brian Anderson brian.anderson@tamu.edu (lab website: http://andersonlab.sites.tamu.edu/) Cognition and Cognitive Neuroscience</p>	<p>485 5-6 students</p>	<p>Cognitive neuroscience. The lab does behavioral and neuroimaging studies examining how learning influences what people pay attention to.</p>	<p>Assist with lab operations, including data collection, management, and analysis. Students will also have the opportunity to attend lab meetings and contribute to discussions of research.</p>
<p>Schmeichel schmeichel@tamu.edu Social</p>	<p>485/491 30 students</p>	<p>Motivation, Emotion, Self-Control, Psychophysiology, Social neuroscience</p>	<p>Conducting experiments with human subjects</p>

<p>Rebecca Schlegel schlegelrj@gmail.com Social & Personality</p>	<p>485/491 10-15 students</p>	<p>I have two types of openings: (1) in our "existential psychology" lab in the Peterson Building (2) as part of an NSF funded grant focused on getting kids in elementary school interested in STEM</p>	<p>For our existential psychology lab: Running subject pool participants, data management, and coding or written materials. For the grant: Assistance in the elementary schools during the intervention, data management, and coding of videos.</p>
<p>Bergman mindybergman@tamu.edu I/O</p>	<p>485 3 students</p>	<p>Occupational health psychology, with emphasis on sex discrimination and other forms of workplace mistreatment, women in the leadership and workplace safety</p>	<ul style="list-style-type: none"> • Transcribing and coding interviews • Survey analysis • Survey programming • Weekly lab meetings
<p>MacNamara https://goo.gl/forms/udx1NrQYPzefYTxX2 (complete form) Clinical</p>	<p>485/491 Up to 15 students</p>	<p>Emotion and anxiety in the brain</p>	<p>Run neuroscience experiments, in which you will collect EEG and/or fMRI data from human participants.</p>
<p>Vaid jvaid@tamu.edu Cognitive **Interested in WGST and/or Latino Studies minors also**</p>	<p>485 3-4 students</p>	<ol style="list-style-type: none"> 1. Bilingualism and the mind 2. Gender and race in psychological inquiry 3. Writing systems journal editorial help 	<ul style="list-style-type: none"> • Library research • Data collection and coding • Proofreading • Some literature review writing
<p>Dr. Stephanie Payne I/O PSYC scp@tamu.edu</p>	<p>485 4 students</p>	<p>performance appraisal in case law</p>	<p>read case law and extract information to be coded for study</p>

<p>Winfred Arthur, Jr. I-O w-arthur@tamu.edu</p>	<p>485 5-6 students 3 credit hrs only</p>	<p>Employment testing and teams</p>	<p>Students will be needed to proctor studies, complete data entry tasks, prepare study materials, and conduct literature reviews as needed. A total of nine scheduled hours per week will be required.</p>
<p>Mark Packard PSYC - Behavioral & Cellular Neuroscience markpackard@tamu.edu</p>	<p>485/491 1-2 students</p>	<p><i>In a sentence:</i> Neurobiological mechanisms of learning and memory in rodent <i>and</i> human models.</p> <p><i>Detailed:</i> The primary focus of research in our laboratory is on the neurobiological bases of memory in rats and humans. Evidence indicates that memory is not a unitary phenomenon but instead is organized in multiple brain systems. We study the factors that influence the use of different memory systems, including pharmacological, behavioral, and emotional modulation of memory. We use animal models that allow us to manipulate specific brain regions using neurosurgical techniques. We also conduct human studies using computer-based learning tasks and eye-tracking technology to examine the use of different memory systems. A long-range goal of our research is to understand the implications that a multiple systems hypothesis of memory organization has for several areas of psychological research.</p>	<p>Students will be required to assist in various daily lab tasks, including but not limited to handling rodents, preparing experiment materials, data entry/analysis, proctoring computer-based memory tasks in human subjects, etc.</p> <p>Students are typically required to commit 3 hours/week per enrolled credit hour for</p>
<p>Dr. Steven Smith Cognition Send all lab inquiries to lab coordinator Alan Hernandez, alan_hdz3@tamu.edu</p>	<p>485/491 12-15 students</p>	<p>Memory, Metacognition, & Creative Cognition</p>	<p>Research assistants will mainly be responsible for preparing and leading experimental sessions. They will also help build and manage stimuli databases that may be used in future studies. Additional tasks include data entry, data analysis (students will be instructed on how to do this, so no prior experience with statistical software is required), and conducting literature reviews.</p>

Joseph Orr
Cognition & Cognitive
Neuroscience
joseph.orr@tamu.edu

485 or 491
4-6 students

- Research in our lab examines how the brain keeps us on task while shielding goals from distraction.
- - These executive functions allow us to focus on work and multitask more efficiently.
- - These abilities are disrupted in illnesses such as addiction and schizophrenia.
- - Most of our work involves healthy adults, but may involve patient populations.
- - We use a variety of neuroscience techniques such as magnetic resonance imaging (MRI) and brain stimulation.
- - This research will give you excellent experience for applying to medical school or graduate school in cognitive/ health sciences.
- Students with experience in programming (python,matlab, R) are highly encouraged to apply

Task: running research participants in psychology and neuroscience experiments, literature reviews, preprocessing data, participating in lab meetings.

<p>Dr. Hart Blanton Social Psychology Also Professor of Communication Contact: hblanton@tamu.edu</p>	<p>485/491 1-6 students</p>	<p>Media Influence on Health and Political Decisions, with a range of studies investigating influences of messages delivered from within virtual and video-gaming 'worlds' on real-world health decisions.</p>	<p>Attend a weekly research meeting (Wednesdays 9:00 - 10:00 on main campus) with a group of faculty and graduate students with emphases in Psychology, Health and Political Communication, and Computer Engineering, where studies from our group are designed, planned and results presented. Assist with data collection in laboratory studies, data coding and data entry.</p>
<p>Mary Meagher Clinical/Neuroscience fenan.rassu@tamu.edu</p>	<p>485 4 students</p>	<p>Current studies looking at (a) the role of psychosocial and biological processes underlying pain, (b) the impact of stress and pain on both adaptive and maladaptive cognitions and behaviors, and (c) designing and testing novel intervention and prevention approaches for stress and pain.</p>	<p>Recruiting and scheduling participants, Running experiments, Physiological testing and analysis (e.g., EEG, heart rate, skin conductance), Data analysis, Literature reviews, Motivated students have the ability to present research</p>
<p>Naomi Nagaya Behavioral and Cellular Neuroscience nagaya@tamu.edu</p>	<p>485/491 2 students</p>	<p>Hormonal regulation of fear learning and anxiety in rats</p>	<p>Lab safety/animal use training, assisting with behavioral testing, surgery, histology, data collection/analysis, lab organization/maintenance, attendance at lab meetings Students that can commit 9-10 hr/wk and 2 semesters are preferred</p>
<p>Lench hlench@tamu.edu Social</p>	<p>485/491 10-15 students</p>	<p>1. Emotion and cognition</p>	<ul style="list-style-type: none"> • Work with participants • Code videos • Enter data

<p>Les Morey Clinical Psychology jemca@tamu.edu</p>	<p>485/491 3-5 students</p>	<p>Personality and Identity</p>	<p>Coding data</p>
<p>Dr. Darrell Worthy worthyda@tamu.edu Cognition and Cognitive Neuroscience</p>	<p>485, 491 12 students</p>	<p>The Worthylab focuses on examining human learning and decision-making using behavioral experiments, neuroscience methods such as fMRI, galvanic skin response, genetic testing, or physiological methods, and mathematical and computational modeling of behavior. We're interested in identifying the algorithms the brain utilizes when learning and making decisions. A second line of work is more applied. Our lab uses well-developed experimental paradigms from cognitive science to examine issues such as how depression, anxiety, substance use, or lack of inhibition affect how people respond to rewards during decision-making, how personality characteristics and individual differences predict who will "choke under pressure", how aging or cognitive development affect learning related processes, and how working memory capacity, stress, or other environmental or individual differences factors affect cognitive performance. For more information you can look at some of our published papers at worthylab.org</p>	<p>Tasks - The primary responsibility of research assistants in the Worthylab is to help run human participants in our experiments. Other minor duties include testing whether experiment programs run correctly prior to running participants, and data entry such as listing data file names for analysis. Students have the option of becoming more involved in research by designing their own project or running studies that require special attention. Many students take 485 and then conduct their own research project as a 491 student. Our lab accommodates students wishing to simply earn some research credit as well as students who would like more advanced preparation for graduate school.</p>

