Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

PSYCHOLOGY FACULTY

Faculty: Alibali, Martha
Lab: Cognitive Development and Communication
Research Foci: Mathematical Cognition & Gesture Contact: mwalibali@wisc.edu
Size of Lab: Varies. 5-6 undergrad researchers is typical
Website: http://psych.wisc.edu/alibali/home/home.html

Faculty: Auger, Anthony
Lab: Behavioral Neuroendocrinology Research Lab
Research Foci: Neuroendocrinology and Behavior: hormonal and environmental impact on steroid receptor regulated brain development, sex differences, and social behavior.
Contact: Anthony Auger, apauger@wisc.edu
Website: http://psych.wisc.edu/auger/index.html

Faculty: Austerweil, Joseph
Lab: Austerweil Lab
Research Foci: Human and Machine Learning; Categorization; Reasoning, Judgment & Decision Making
Contact: Joe Austerweil -- austerweil@wisc.edu
Credit/Pay: Usually volunteer or credit. There may also be paid positions depending on the duties and amount of work being done.
Duties/Type of Work: Planning and running experiments; Data coding; Attending lab meetings; Reading and discussing papers; Analyzing results;
Preference will be given to students with programming and modeling experience
Number of Openings per Semester: Varies
Start Date: Not specified
Number of Semester Commitment: 2, but preferably longer
Hours per week: 6+
Location: Brogden Hall
Size of Lab: typically 3-5 undergraduates, 2-3 graduates, 1-2 postdocs
Website: http://alab.psych.wisc.edu/

Faculty: Berridge, Craig
Lab: Neural Bases of Behavior Lab
Research Foci: Behavioral Neuroscience
Contact: Craig Berridge, berridge@wisc.edu
Minimum GPA: 3.2
Prerequisite Courses or Year: None
Faculty: Brauer, Markus

Lab: Brauer Group Lab
Research Foci: Group processes, prejudice, incivilities, social interventions
Contact: Markus Brauer, brauer2@wisc.edu
Minimum GPA: 3.2
Prerequisite Courses: Psychology 202; enrolled or completed Psychology 225
Prerequisite Year: Sophomore
Credit/Pay: Credit
Duties/Type of Work: Running participants, being confederates, coding data, miscellaneous
Number of Openings per Semester: Varies
Start Date: Varies
Number of Semester Commitment: 2
Hours per week: 10
Location: Brogden (Psychology Building)
Lab Meeting Times and Size of Lab: Varies
Application: http://glial.psych.wisc.edu/images/Undergraduate/brauerlabapp.doc
Website: http://psych.wisc.edu/Brauer/BrauerLab/

Faculty: Curtin, John

Lab: Addiction Research Lab
Research Foci: Clinical
Contact: John Curtin, jjcurtin@wisc.edu
Minimum GPA: 3.5 (slightly flexible depending on interest and commitment)
Prerequisite Courses or Year: None
Credit/Pay: Occasional opportunities for pay after a few semesters
Duties/Type of Work: psycho-physiological data collection (EEG, EMG), recruitment, etc
Number of Openings per Semester: 10
Number of Semester Commitment: 2
Hours per week: 10 hours per week
Location: Psychology Building
Lab Meeting Times: 1-1.5 hours per week/ TBA
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

Size of Lab: 10 Undergrads and 5 Graduates
Website: http://dionysus.psych.wisc.edu/MediaWiki/index.php/Addiction_Research_Laboratory_(UW-Madison_Psychology)

Faculty: Davidson, Richard
Lab: The Center for Investigating Healthy Minds
Research Foci: Neuroscience
Contact: Brittany Thomson, admin@bi.wisc.edu
Minimum GPA: 3.0 (firm) Some lab supervisors may require higher GPAs.
Prerequisite Courses or Year: No prerequisite courses. We strongly prefer students who are able to commit to at least 2 semesters.
Credit/Pay: Will consider pay during summers and after completion of 2 semesters of research credit.
Duties/Type of Work: Varies. Assisting with psychophysiological, neuro-imaging or behavioral data collection, coordination, data entry or data processing
Number of Openings per Semester: Varies greatly, 1-10.
Start Date: Ideally within the 1st 2 weeks of classes or early summer.
Number of Semester Commitment: Varies depending on the project. 1-3 credits are typical (3-10 hours)
Location: The Waisman Center & Brogden Psychology
Lab Meeting Times: Varies
Size of Lab: Over 150 staff, scientists, postdocs, graduate students and undergraduate assistants
Website: http://www.investigatinghealthyminds.org/cihmEmployment.html#researchOpp

Faculty: Devine, Patricia
Lab: Prejudice and Intergroup Relations
Research Foci: Prejudice, Stereotyping, Intergroup Relations
Contact: Chelsea Mitamura: mitamura@wisc.edu
Prerequisite Courses: Psychology 202; enrolled or completed Psychology 225
Prerequisite Year: None
Credit/Pay: Credit
Duties/Type of Work: Running Participants, being confederates, coding data, miscellaneous
Number of Openings per Semester: 10-20
Number of Semester Commitment: 2 semesters
Start Date: Not specified
Hours per week: 10
Location: Psychology Building
Lab Meeting Times: Vary from semester to semester
Size of Lab: Medium
Website: https://sites.google.com/site/devinesocialpsych/
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

Faculty: Gernsbacher, Morton
Lab: UW Research on Autism & Language Comprehension Laboratory
Research Foci: Autism, Language Comprehension, Communication
Contact: Jilana Boston, gernsbacherlab@gmail.com
Credit/Pay: Varies
Number of Openings per Semester: 1-2
Number of Semester Commitment: 2 semesters
Start Date: Not specified
Website: http://www.gernsbacherlab.org/

Faculty: Goldsmith, Hill
Lab: Developmental trajectories of risk and resilience
Research Foci: Child clinical/ Developmental Psychopathology
Contact: Nicole Schmidt, wisconsintwins@waisman.wisc.edu
Minimum GPA: None but average is over 3.5
Prerequisite Courses or Year: None
Credit/Pay: Both
Duties/Type of Work: Two lines of research with very hands on experience – (1) adolescent twin research with telephone interviews with twins and parents, neuroimaging assessments, computer-based behavior assessments, web-based surveys, data processing; (2) infant and toddler development research with behavioral testing at 6 and 24 months of age, behavioral coding, web-based surveys, salivary cortisol, data processing. Other duties include literature reviews, recruitment and scheduling testing sessions.
Number of Openings per Semester: 3-4
Start Date: Not specified
Number of Semester Commitment: 2 semesters but most students enroll for 4 semesters
Hours per week: 9 hours
Location: Waisman Center
Lab Meeting Times: Varies
Size of Lab: 20 Undergraduates; 5 graduate students/post docs, 3 fulltime staff (students work with one staff person and 5-7 students on related projects)
Website: http://www.waisman.wisc.edu/twinresearch/

Faculty: Gooding, Diane
Lab: Gooding Research Lab (PATHS)
Research Foci: Schizophrenia and schizophrenia-spectrum disorders
Contact: dgooding@wisc.edu
Minimum GPA: 3.2
Prerequisite Courses or Year: 225 (can be taking it concurrently)
Credit/Pay: Credit
Duties/Type of Work: varies according to experience; includes: data entry; running participants on experimental and standardized neurocognitive and psychophysiological
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

tasks; running participants on behavioral tasks related to social cognition; recruiting
participants; data scoring and analysis. Opportunities for advanced collaborative research
are sometimes available for more advanced research assistants, including Hilldale projects.

Number of Openings per Semester: variable
Start Date: Not specified
Number of Semester Commitment: 2
Location: Psychology Department; sometimes requires some travel to test participants
Lab Meeting Times: varies by semester
Size of Lab: varies, typically 14 maximum
Website: http://psych.wisc.edu/Gooding/Pathslab/

Faculty: Green, C. Shawn
Lab: Learning and Transfer Lab
Research Foci: Effects of video games on perception/cognition, perceptual learning and
transfer, decision-making
Contact: Thomas Gorman, tegorman@wisc.edu
Minimum GPA: 3.0 (although flexible depending on interest, courses taken, etc)
Prerequisite Courses or Year: None
Credit/Pay: Credit or Volunteer
Duties/Type of Work: Independent study, data collection, senior thesis
Number of Openings per Semester: Varies
Start Date: Typically beginning of semester
Number of Semester Commitment: Preferably at least two, but flexible
Hours per week: 6-9 Location: Brogden
Lab Meeting Times and Size of Lab: Varies
Website: http://greenlab.psych.wisc.edu/

Faculty: Harackiewicz, Judith
Lab: Goal Setting and Intrinsic Motivation
Research Foci: Social Psychology
Contact: Judy Harackiewicz, jmharack@wisc.edu
Minimum GPA: Not specified
Prerequisite Courses or Year: None
Credit/Pay: 3 Credits
Duties/Type of Work: Conduct experimental sessions, collect pilot data, enter and check
data, maintain lab materials and contribute their perspectives and ideas to the lab
community
Number of Openings per Semester: 5 to 10
Start Date: Fall or Spring
Number of Semester Commitment: 2 semesters
Hours per week: Depends on number of credits
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

Location: Psychology Building
Lab Meeting Times: Evenings/One hour per week (TBA)
Size of Lab: 40 Undergraduates
Website: http://psych.wisc.edu/index.php/people/faculty/judith-harackiewicz

Faculty: Hyde, Janet
Lab: Adolescent Development Project
Research Foci: Developmental
Contact: Professor Janet Hyde, jshyde@wisc.edu Minimum GPA: 3.2
Prerequisite Courses: Interest in developmental issues
Prerequisite Year: Sophomore
Credit/Pay: 3 credit minimum
Duties/Type of Work: Coding emotion video tapes, work with SPSS
Number of Openings per Semester: 10-12
Start Date: Not specified
Number of Semester Commitment: 2 semesters
Hours per week: 9 hours
Location: Psychology building
Lab Meeting Times: Varies
Size of Lab: 12-14 students
Website: http://psych.wisc.edu/index.php/people/faculty/janet-hyde

Faculty: Jenison, Rick
Research Foci: Neural mechanisms and coding that underlie perception
Contact: rjenison@wisc.edu

Faculty: Li, James
Lab: Social and Behavioral Development Lab
Research Foci: Clinical Child Psychology; Developmental Psychopathology
Contact: Delanie Roberts, childstudy@waisman.wisc.edu
Minimum GPA: 3.5
Prerequisite Courses or Year: Sophomore +
Credit/Pay: Credit
Duties/Type of Work: Varies depending on experience, but will likely include some combination of the following: recruitment, session scheduling, telephone screeners, interviews with families, behavioral coding (i.e., parent-child interactions), data entry/analysis, and manuscript production
Number of Openings per Semester: 2-4
Start Date: TBD
Number of Semester Commitment: 2 semesters (1 year) minimum
Hours per week: 10
Location: Waisman Center
Lab Meeting Times and Size of Lab: 1:30-3:00 PM
Size of Lab: ~12 undergrads, grad, and staff
Website: www.waisman.wisc.edu/lilab

Faculty: Marler, Catherine
Lab: Endocrinology, Animal Behavior, and Neuroendocrinology
Research Foci: Endocrinology, animal behavior and neuroendocrinology
Contact: Professor Marler, camarler@wisc.edu
Minimum GPA: 3.0 (flexible)
Prerequisite Courses: Some biology
Prerequisite Year: None
Credit/Pay: Most students take the lab for credit but some are work study
Duties/Type of Work: Designing and running experiments, analyzing tapes, caring for animals
Number of Openings per Semester: About 3
Start Date: Beginning of semester and summer
Number of Semester Commitment: Prefer two semesters
Hours per Week: Varies from 3-12 hours
Location: Psychology building
Lab Meeting Time: Depends on semester
Size of Lab: 10 undergraduates
Website: http://psych.wisc.edu/marler/index.htm

Faculty: MacDonald, Maryellen & Mark Seidenberg
Lab: Language and Cognitive Neuroscience Lab (LCNL)
Research Foci: language and cognition Contact: Dana, dekrauss@wisc.edu Minimum GPA: 3.5
Prerequisite Courses or Year: None
Credit/Pay: preference given to students who will work for credit
Duties/Type of Work: running experiments, scheduling participants, coding data and more
Number of Openings per Semester: Varies
Start Date: Varies
Semester Commitment: 2 semesters
Hours per week: 10 if working for credit, 10+ if working for pay
Location: Psychology building
Lab Meeting Times: Varies each semester
Size of Lab: 2 professors, 7 graduate students, 1 post doc, 1 lab manager and about 5 undergrads
Website: http://lcnl.wisc.edu/

Faculty: Miyamoto, Yuri
Lab: Culture and Cognition Project
Research Foci: Culture, Emotion, and Cognition
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

Contact: Yuri Miyamoto, ymiyamoto@wisc.edu
Minimum GPA: 3.2
Prerequisite Courses: Psych 225 preferred (but not required)
Prerequisite Year: None
Credit/Pay: 3 Credits
Duties/Type of Work: planning study, recruiting participants, running experiments, entering and coding data, and participating in discussions
Number of Openings per Semester: 6 in the Fall semester and 1 or 2 in the Spring
Start Date: Not specified
Number of Semester Commitment: 2 semesters are desirable
Hours per week: 10 hours
Location: Psychology building
Lab Meeting Times: TBA
Size of Lab: About 12
Website: http://psych.wisc.edu/Miyamoto/CACL/Index.htm

Faculty: Niedenthal, Paula
Lab: Niedenthal Emotions Lab
Research Foci: Emotions, Decision Making, Stress
Contact: Professor Niedenthal, niedenthal@wisc.edu or Stephanie Carpenter scarpenter3@wisc.edu
Prerequisite Courses or Year: None
Credit/Pay: Credit
Duties/Type of Work: varies based on specific study; assisting with studies
Number of Openings per Semester: Varies
Start Date: Rolling throughout the year
Number of Semester Commitment: 2 semesters is preferred
Hours per week: 2-3 credits/ 6-10 hours
Lab Meeting Times: Mondays 1:30-2:30 PM
Website: http://psych.wisc.edu/niedenthal/people.html

Faculty: Pollak, Seth
Lab: Child Emotion Research Lab
Research Foci: Clinical and developmental
Contact: Anna Bechner, ambechner@wisc.edu
Minimum GPA: 3.5
Prerequisite Courses or Year: None
Credit/Pay: Credit
Duties/Type of Work: varies based on specific study; assisting with behavioral, psychophysiological, MRI studies
Number of Openings per Semester: Varies Start Date: Not specified
Number of Semester Commitment: 1 semester, but 2 semesters is preferred
Hours per week: 2-3 credits/ 6-10 hours
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

Location: 3rd floor of Waisman Center
Lab Meeting Times: Wednesday 9:30-11:30 at Waisman Center
Size of Lab: 40 people
Website: [http://waisman.wisc.edu/childemotion/Seth.html](http://waisman.wisc.edu/childemotion/Seth.html)

**Faculty: Postle, Brad**
Lab: Postle Lab: A Cognitive Neuroscience Laboratory
Research Foci: cognitive and neural bases of working memory, attention, control, intelligence, and nondeclarative memory
Contact: Brad Postle, [postle@wisc.edu](mailto:postle@wisc.edu)
Website: [http://psych.wisc.edu/postlab/](http://psych.wisc.edu/postlab/)

**Faculty: Rogers, Tim**
Lab: Knowledge and Concepts Lab
Research Foci: Knowledge and concepts, categorization, semantic memory
Contact: Tim Rogers, [ttrogers@wisc.edu](mailto:ttrogers@wisc.edu)
Minimum GPA: 3.5
Prerequisite Courses or Year: Psych 414 & no year prerequisite
Credit/Pay: Credit
Duties/Type of Work: Attending lab meetings, planning and running experiments
Number of Openings per Semester: Varies
Start Date: Not specified
Number of Semester Commitment: 2
Hours per week: 3 hours per credit registered
Location: Room 257 Psychology Building
Lab Meeting Times: 12:00-1:00 PM Fridays
Size of Lab: 8-12 people
Website: [http://psych.wisc.edu/Rogers/](http://psych.wisc.edu/Rogers/)

**Faculty: Rokers, Bas**
Lab: Rokers Vision Laboratory
Research Foci: Visual Neuroscience
Contact: Bas Rokers, [rokers@wisc.edu](mailto:rokers@wisc.edu)
Minimum GPA: 3.5
Prerequisite Courses or Year: None
Credit/Pay: Volunteer or credit
Duties/Type of Work: Independent study
Number of Openings per Semester: Varies
Start Date: Not specified
Number of Semester Commitment: Varies
Hours per week: Minimum 6 hours (2 credits)
Location: Brogden
Lab Meeting Times and Size of Lab: Varies
Website: [http://glial.psych.wisc.edu/vision](http://glial.psych.wisc.edu/vision)
Faculty: Ryff, Carol  
Lab: Midlife in the US National Study of Aging  
Research Foci: Psychological Well Being Over Lifespan  
Contact: Carol Ryff, cryff@wisc.edu  
Prerequisite Year: Prefer to take on Sophomores or Juniors  
Credit/Pay: Credit for first semester to determine if it's a good fit and then possibility for pay  
Duties/Type of Work: data entry and coding, also the option to develop the students own interests and focus on one aspect of the research for a special project. Students also are encouraged to interact with graduate students  
Number of Openings per Semester: 0-2  
Start Date: Beginning of fall semester  
Number of Semester Commitment: 2 semesters but preferably several years  
Hours per week: 8-10 hours/week but flexible  
Size of Lab: Only 2 undergraduates  
Website: http://www.aging.wisc.edu/

Faculty: Safran, Jenny, Susan Ellis Weismer, & Jan Edwards  
Lab: Little Listeners Project  
Research Foci: Language processing in toddlers who have autism spectrum disorder  
Contact: Send resume and unofficial student record to Liz Premo at epremo@wisc.edu  
Minimum GPA: 3.0 (with exceptions)  
Prerequisite Courses: None  
Prerequisite Year: None  
Credit/Pay: Both options available  
Duties/Type of Work: Videotaping and childcare during participant visits, coding eyegaze data, and learning about different aspects of the research process  
Number of Openings per Semester: 1-3  
Start Date: Beginning of fall, spring, or summer semesters  
Number of Semester Commitment: At least two semesters  
Hours per week: 9-10 hours (with exceptions)  
Location: Waisman Center  
Lab Meeting Times: Meeting time varies semester-to-semester based on class schedules.  
Size of Lab: 5-8 undergraduates, 1-3 graduate students, 1-3 postdocs, and 3 full time staff members including a project manager, psychologist, and speech-language pathologist  
Website: littlelisteners.waisman.wisc.edu

Faculty: Schloss, Karen  
Lab: Schloss Visual Perception and Cognition Lab  
Research Foci: Our main line of research investigates how colors influence the way people think, feel, and behave. We are especially interested in how colors can communicate abstract information, and how using color to signal that information can
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

make the world easier to navigate and more enjoyable to experience. We have previously focused on color aesthetics and data visualization, but we are beginning to explore how colors can help people navigate rich 3D environments by using virtual reality. We also have a secondary line of research on perceptual organization and visual illusions. Studies in that line investigate how contextual elements influence the perceived shape and motion of other elements in a configuration.

Contact: Lab manager: Maddy Parker
schlosslab@discovery.wisc.edu
Prerequisite Courses or Year: None
Credit/Pay: Credit

Duties/Type of Work: New undergraduate research assistants will begin by collecting data from human participants, including administering experiments on computers and in the CAVE using virtual reality. After spending some time in the lab, there may be opportunities to join a team in developing ongoing research or to develop a new research project.

Number of openings per semester: 1-4
Start date: TBD
Number of semester commitment: at least 2
Hours per Week: between 4 and 9 hours
Location: Brogden Hall and Wisconsin Institute for Discovery-Living Environments Lab
Lab meeting times: TBD
Website: https://schlosslab.discover.wisc.edu/

Faculty: Shutts, Kristin
Lab: The Social Kids Lab
Research Foci: Developmental Psychology; Social Cognition
Contact: Rachel King: rking5@wisc.edu
Minimum GPA: 3.0 (flexible)
Prerequisite Courses: Some psychology coursework is preferred
Prerequisite Year: None
Credit/Pay: Credit

Duties/Type of Work: Conducting experiments with infants and young children; participant recruitment; scoring of videotapes of child behavior; stimulus/task construction; data entry

Number of Openings per Semester: Varies from 0-6
Start Date: RAs start on the first day of the semester. We anticipate 1-2 opening for Spring 2017 and 3-4 opening for Summer 2017
Number of Semester Commitment: Minimum two semesters
Hours per Week: 10 hours per week
Location: Waisman Center, 5th floor
Lab Meeting Time: Fridays from 3:00PM-4:30PM
Starting Date: 1 opening for Spring 2016, anticipate 5 openings for Summer 2016
Size of Lab: Approximately 15 undergraduates, 20 lab members total
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

Website: http://www.waisman.wisc.edu/socialkidslab/socialspacelabs/Welcome.html

Faculty: Simmering, Vanessa
Lab Name: SPACE (Spatial Perception, Action, Cognition, and Embodiment) lab
Research Foci: development of visuospatial cognition (including working memory, spatial language, spatial selective attention); computational modeling
Contact: space_admin@lists.wisc.edu
Minimum GPA: 3.0 (flexible)
Prerequisite Courses: None
Prerequisite Year: None
Credit/Pay: credit (2-4)
Duties/Type of Work: recruiting and running child participants in the lab and/or preschools, data coding and entry, public outreach
Number of Openings per Semester: 1-5
Start Date: Beginning of semesters or summer
Number of Semester Commitment: 2 minimum (Summers optional)
Hours per Week: Varies from 4-10 hours depending on number of credits
Location: Waisman Center and/or Brogden Hall
Lab Meeting Time: meeting times arranged each semester
Size of Lab: 10-15 undergraduates, 4 graduate students
Website: http://spacelab.psych.wisc.edu/Research-opportunities.html
AFFILIATED FACULTY

**Faculty:** Abercrombie, Heather (Psychiatry)

*Lab:* Mood and Memory Laboratory

*Research Foci:* We incorporate methods from psychoneuroendocrinology, neuroimaging, and electrophysiology to study the biology of stress, emotion, cognition, and affective disorders.

*Contact:* Roxanne Hoks, rmmonticelli@wisc.edu

*Minimum GPA:* 3.0

*Prerequisite Courses:* Prefer a background in psychology and/or biology

*Prerequisite Year:* None

*Credit/Pay:* Prefer work study or credit; we can sometimes accept students for pay

*Duties/Type of Work:* Duties depend on the position available. Some examples of duties include running data collection sessions, administering learning/memory tasks with emotional words and pictures, helping with data entry and processing, helping with study recruitment, performing literature searches, and library work.

*Number of Openings per Semester:* Varies

*Start Date:* Varies

*Number of Semester Commitment:* At least 2 semesters

*Hours per week:* Varies

*Location:* UW Psychiatry Department

*Lab Meeting Times:* Varies by semester

*Website:* [http://www.psychiatry.wisc.edu/abercrombie/](http://www.psychiatry.wisc.edu/abercrombie/)

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**Faculty:** Bolt, Daniel (Educational Psychology)

*Research Foci:* theory and application of psychometric methods in education and psychology

*Contact:* Daniel Bolt, dmbolt@wisc.edu

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**Faculty:** Costanzo, Erin (Psychiatry)

*Lab:* Psychosocial Oncology Lab

*Research Foci:* Our research focuses on the role of psychological factors in the health and well-being of cancer patients. For example, we investigate interactions between psychological factors and immune functioning, as well as psychological adjustment to a cancer diagnosis and treatment. We also develop and test behavioral interventions for cancer patients.

*Contact:* Erin Costanzo, ecostanzo@wisc.edu

*Minimum GPA:* 3.0

*Prerequisite Courses or Year:* None

*Credit/Pay:* Credit

*Minimum number of credit hours required:* Not specified
Duties/Type of Work: Responsibilities vary based on interest and experience, but research assistants are typically responsible for enrolling, administering study questionnaires, and conducting interviews with patients in the UW Cancer Center or inpatient hospital and coordinating collection of study data during participants’ follow-up clinic visits. Additional responsibilities include data entry, telephoning and mailing materials to study participants, and assisting with additional tasks as needed. There are also opportunities for developing related independent research projects or independent study for students who have completed one or more semesters in the lab. The lab provides excellent experience for students interested in graduate or medical school.

Number of positions typically available each semester: Varies
Start Date: Summer, Fall or Spring semesters
Number of Semester Commitment: at least 2 semesters
Hours per week: 8-10
Location: Wisconsin Psychiatric Institute and Clinics, Carbone Cancer Center
Lab Meeting Times: Friday mornings
Size of Lab: small
Website: [http://www.psychiatry.wisc.edu/downloads/costanzo.pdf](http://www.psychiatry.wisc.edu/downloads/costanzo.pdf)

Faculty: Dilworth-Bart, Janean, PhD, Assistant Professor
Department: Human Development and Family Studies
Lab: Home time to School time
Research Foci: Developmental ecological influences on executive function development, parent-child interactions, school readiness of higher risk children
Contact: jedilworth@wisc.edu
Credit/Pay: Credit

Duties/Type of Work: Assist with all aspects of lab including parent-child lab and home visits, data scoring and entry, and library research
Start Date: beginning of each semester
Number of Semester Commitment: 2+
Location: Waisman Center
Lab Meeting Times: Fridays 11 - 1
Website: [https://mywebspace.wisc.edu/jedilworth/web/jedb.htm](https://mywebspace.wisc.edu/jedilworth/web/jedb.htm)

Faculty: Johnson, Sterling
Department: Alzheimer’s Disease Research Center
Lab: ADRC Imaging Core
Research Foci: Cognitive and brain imaging markers of preclinical Alzheimer’s disease and other cognitive disorders
Contact: Sterling Johnson, PhD, or Amy Hawley: 265-2201
Location: Alzheimer's Disease Research Center, Clinical Science Center (J5/1M) - MC2420. 600 Highland Ave. Madison, WI, 53792
Website: [www.brainmap.wisc.edu](http://www.brainmap.wisc.edu)
**Faculty: Kalin, Ned H. (Psychiatry)**

*Lab*: Molecular Neurosciences  
*Research Foci*: Brain mechanisms underlying fear, anxiety-disorders and depression  
*Contact*: Patrick Roseboom, PhD at e-mail: roseboom@wisc.edu  
*Minimum GPA*: No requirement, but averages above 3.5  
*Prerequisite Courses or Year*: Sophomore  
*Credit/Pay*: Credit  
*Duties/Type of Work*: Depends on level of experience, but generally involves assisting with rodent behavioral tests, scoring rodent behavior, helping with large scale molecular studies involving *in situ* hybridization and qRT-PCR.  
*Number of Openings per Semester*: 1  
*Start Date*: Before each semester  
*Number of Semester Commitment*: 1 but prefer at least 2  
*Hours per week*: varies, but at least 8  
*Location*: WisPIC building, 6001 Research Park Boulevard  
*Lab Meeting Times*: Mondays, 3:30-5 pm  
*Size of Lab*: 2 graduate students, 2 research specialists, 2 senior level scientists  
*Website*: [http://ntp.neuroscience.wisc.edu/faculty/kalin.html](http://ntp.neuroscience.wisc.edu/faculty/kalin.html)

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**Faculty: Kalish, Charles (Educational Psychology)**

*Lab*: The Study of Children's Thinking  
*Research Foci*: Child Development, specifically how children use what they’ve seen in the past to make predictions about the future and how children generalize from a sample to a broader population.  
*Contact*: SOCT@lists.wisc.edu  
*Prerequisite Courses or Year*: None  
*Credit/Pay*: credit (2 credits)  
*Duties/Type of Work*: Recruiting participants, conducting research interviews with children, helping with data entry, and participating in discussions about research findings.  
*Number of Openings per Semester*: 2 to 3  
*Start Date*: Beginning of each semester  
*Number of Semester Commitment*: 1, but prefer at least 2  
*Hours per week*: 5  
*Location*: Educational Sciences/ Various sites- Madison Children’s Museum, Daycares, Afterschool Programs  
*Lab Meeting Times*: Mondays 11am  
*Size of Lab*: 5-6 people  
*Website*: [http://website.education.wisc.edu/cwkalish/soct](http://website.education.wisc.edu/cwkalish/soct)
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

Faculty: Koenigs, Michael

Lab: Neurobiology of human emotion, decision-making, and social behavior

Research Foci: Brain imaging; psychophysiology; cognitive testing; psychopathy; anxiety; brain injury

Contact: Michael Koenigs, mrkoenigs@wisc.edu

Minimum GPA: 3.2

Prerequisite Courses or Year: None

Credit/Pay: Credit

Duties/Type of Work: Assist with collecting/analyzing behavioral/physiological/MRI data from healthy/psychiatric/neurological/inmate populations

Number of Openings per Semester: Varies (0-5)

State Date: Varies

Number of Semester Commitment: 2+

Hours per Week: Varies (2-12)

Location: WisPIC, Psychology, and/or prison

Lab Meeting Times: Meeting time varies

Size of Lab: 10-20 lab members

Website: http://koenigslab.psychiatry.wisc.edu/

Faculty: Litovsky, Ruth

Lab: Binaural Hearing & Speech Laboratory

Research Foci: Binaural Hearing, Cochlear Implants

Contact: Shelly Godar, Godar@waisman.wisc.edu

Minimum GPA: None

Prerequisite Courses or Year: None

Credit/Pay: Generally independent study credit

Number of Openings per Semester: 0-2

Hours per week: 8-10

Location: UW Waisman Center

Lab Meeting Times: Varies by semester

Size of Lab: 10-15

Website: http://www.waisman.wisc.edu/bhl/

Faculty: Lutfi, Robert (Communicative Disorders)

Lab: Auditory Behavioral Research Lab

Research Foci: Human auditory perception

Contact: Lutfi@waisman.wisc.edu

Website: http://www.comdis.wisc.edu/research/rlutfi/abrl/index.html

Faculty: Matthews, Percival (Educational Psychology)

Lab: Math Education Learning and Development (MELD) Lab

Research Foci: Mathematical and numerical cognition. Special focus on detailing human abilities to process
Undergraduate Research Opportunities Psych
Faculty and Affiliated Faculty

non-symbolic ratio magnitudes and how this ability might be leveraged to improve understanding of number symbols.

**Contact:** pmatthews@wisc.edu

**Prerequisite Courses or Year:** None

**Credit/Pay:** credit (3 credits for year 1, various afterward)

**Duties/Type of Work:** Recruiting participants, collecting data, helping with data entry, and participating in discussions about research findings. Some interested students may help lead their own projects

**Number of Openings per Semester:** 3 to 4

**Stat Date:** Beginning of each semester

**Number of Semester Commitment:** 2

**Hours per week:** 2.5/credit

**Location:** Educational Sciences/ Various sites

**Lab Meeting Times:** Scheduled each semester

**Size of Lab:** Varies

**Lab Website:** [https://website.education.wisc.edu/pmatthews/](https://website.education.wisc.edu/pmatthews/)

**Project Website:** [http://website.education.wisc.edu/lambda/](http://website.education.wisc.edu/lambda/)

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**Faculty: Mutlu, Bilge (Computer Science)**

**Lab:** Wisconsin Human-Computer Interaction Laboratory

**Research Foci:** Human-computer interaction, interactive artificial characters and robots

**Contact:** Bilge Mutlu, bilge@cs.wisc.edu

**Minimum GPA:** 3.2

**Prerequisite Courses or Year:** None

**Credit/Pay:** Credit, pay during summers and after two semesters of credit

**Duties/Type of Work:** Participant recruitment, psychometric or psychophysical (EEG, eye-tracking, etc.) data collection, data coding and analysis, coordination

**Number of openings per semester:** Approximately 5

**Start date:** The first two weeks of the semester and beginning of summer

**Number of semester commitment:** Minimum 2

**Location:** Computer Sciences Department (across Johnson Street from Psychology Department)

**Lab meeting times:** Varies every semester

**Size of lab:** 15-20 people (7 graduate students, 5 undergraduate students, 4 staff, 1-2 visiting researchers)

**Website:** [http://hci.cs.wisc.edu](http://hci.cs.wisc.edu)

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**Faculty: Schneider, Mary (Kinesiology)**

**Research Foci:** Behavioral and neurobiological effects from fetal alcohol exposure alone or in combination with prenatal stress

**Contact:** Schneider@education.wisc.edu