

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: <https://alibali.psych.wisc.edu>

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

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Credit/Pay: Volunteer, credit or pay
Duties/Type of Work: Independent study
Number of Openings per Semester: Varies
Start Date: Varies
Number of Semester Commitment: Varies
Hours per week: Minimum 10
Location: Brogden
Lab Meeting Times and Size of Lab: Varies
Website: <http://psych.wisc.edu/berridge/home.html>

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://psych.wisc.edu/Brauer/BrauerLab/index.php/join-us/prospective-research-assistants/>
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

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Lab Meeting Times: 1-1.5 hours per week/ TBA

Size of Lab: 10 Undergrads and 5 Graduates

Website: <https://arc.psych.wisc.edu>

Faculty: Davidson, Richard

Lab: The Center for Investigating Healthy Minds

Research Foci: Neuroscience

Contact: Brittany Thomson, brittany.thomson@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, and the Center for Investigating Healthy Minds (625 W. Wash)

Lab Meeting Times: Varies

Size of Lab: Over 150 staff, scientists, postdocs, graduate students and undergraduate assistants

Website: <https://centerhealthyminds.org/about/employment>

Faculty: Devine, Patricia

Lab: Prejudice and Intergroup Relations

Research Foci: Prejudice, Stereotyping, Intergroup Relations

Contact: Katharine Scott: kscott4@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/>

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Faculty: Gernsbacher, Morton Ann

Lab: Gernsbacher Lab

Research Foci: Human Communication and Attention

Contact: Jacob Hurlburt, gernsbacherlab@gmail.com

Minimum Prerequisite Courses or Year: None

Credit/Pay: Pay only (unless student is pursuing a Senior Thesis)

Duties/Type of Work: Library Research, Data Analysis, other tasks

Number of Openings per Semester: 1-2

Start Date: Varies

Number of Semester Commitment: 2 Semesters

Hours per week: 5-10

Location: Psychology Building 5th Floor Research Wing

Lab Meeting Times and Size of Lab: Small Lab

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 hands-on experience: (1) adolescent twin neuroimaging assessment, computer-based behavior assessment, web-based surveys, data processing; (2) infant and toddler research with behavioral testing at 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: 15 Undergraduates; 4 graduate students/post docs, 3 full-time professional research staff. Students

work with 5-7 students on a related area of research and are supervised by Hill and one research coordinator.

Website: <http://www.waisman.wisc.edu/twinresearch/>

Faculty: Gooding, Diane

Lab: Gooding Research Lab (PATHS)

Research Foci: Schizophrenia and schizophrenia-spectrum disorders; social anhedonia

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Contact: dgooding@wisc.edu

Minimum GPA: 3.2

Prerequisite Courses or Year: Psychology 405 (Abnormal Psych) and 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 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

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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

Location: Psychology Building

Lab Meeting Times: Evenings/One hour per week (TBA)

Size of Lab: 40 Undergraduates

Website: <http://psych.wisc.edu/staff/harackiewicz-judy/>

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: <https://lilab.waisman.wisc.edu>

Faculty: MacDonald, Maryellen & Mark Seidenberg

Lab: Language and Cognitive Neuroscience Lab (LCNL)

Research Foci: language and cognition

Contact: Misty kabasa@wisc.edu or lcnl-labspace@gmail.com

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/analyzing data and more; Students with diverse backgrounds encouraged to apply.

Number of Openings per Semester: Varies

Start Date: Varies

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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, 5 graduate students, 1 lab manager and about 25 undergraduates. Undergraduates work closely with a faculty and/or graduate mentor.

Website: <http://lcnl.wisc.edu>

Application: <http://lcnl.wisc.edu/undergraduate-participation/>

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/>

Faculty: Miyamoto, Yuri

Lab: Culture and Cognition Project

Research Foci: Culture, Emotion, and Cognition

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

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Lab Meeting Times: TBA

Size of Lab: About 12

Website: <https://cclab.wiscweb.wisc.edu/>

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: <https://www.niedenthalemotionslab.com>

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

Location: 3rd floor of Waisman Center

Lab Meeting Times: Wednesday 9:30-11:30 at Waisman Center

Size of Lab: 40 people

Website: <http://www2.waisman.wisc.edu/childemotion/index.html>

Faculty: Postle, Brad

Research Foci: Cognitive neuroscience of human perception, attention, and working memory

Contact: Jacqueline Fulvio, jacqueline.fulvio@wisc.edu

Prerequisite Courses or Year: none

Credit/Pay: credit

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Duties/Type of Work: assist with collection of behavioral, neuroimaging, and neurostimulation data

Number of Openings per Semester: 2-4

Start Date: variable

Number of Semester Commitment: 3

Hours per week: 10

Location: Brogden Psychology Building and Wisconsin Psychiatric Institute for and Clinic (6001 Research Park Boulevard)

Lab Meeting Times and Size of Lab: Fall: Friday 9:55-10:45am; Spring 8:50-9:40am

Website: <https://postlab.psych.wisc.edu>

Faculty: Rogers, Tim

Lab: Knowledge and Concepts Lab

Research Foci: Knowledge and concepts, categorization, semantic memory

Contact: Tim Rogers, 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/>

Faculty: Rokers, Bas

Lab: Rokers Vision Laboratory

Research Foci: Visual Neuroscience

Contact: Bas Rokers, 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://psych.wisc.edu/vision/research.php>

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Faculty: Rosengren, Karl

Lab: The Cognition in Action Lab

Research Foci: Developmental Psychology; Cognitive and Motor Development

Contact: David Menendez, dmenendez@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; creating online surveys for adults; participant recruitment; stimulus/task design; data entry & coding

Number of Openings per Semester: Varies from 2-3

Start Date: RAs start on the first day of the semester.

Number of Semester Commitment: Minimum two semesters

Hours per Week: 10 hours per week

Location: Waisman Center, 5th floor / Psych 2nd floor

Lab Meeting Time: Tuesday from 4:00 PM-5:30 PM

Starting Date: Start of each semester

Size of Lab: Approximately 10-12 undergraduates, 3 grad students

Website: <http://psych.wisc.edu/staff/rosengren-karl/>

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: Saffran, Jenny

Lab: Infant Learning Lab

Research Foci: Language Acquisition and Development, Developmental Psychology

Contact: Send resume and unofficial student record to Sarah Oakley at sjoakley@wisc.edu

Minimum GPA: 3.0 (with exceptions)

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Prerequisite Courses: psychology and/or communication sciences background preferred

Prerequisite Year: None

Credit/Pay: Both options available

Duties/Type of Work: Scheduling participants, childcare during participant visits, coding eye tracking data, running studies, 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: 6-9 hours (with exceptions)

Location: Waisman Center

Lab Meeting Times: Meeting time varies semester-to-semester, 1 hour/week

Size of Lab: 10-12 undergraduates, ~20 lab members total

Website: <https://infantlearning.waisman.wisc.edu/>

Faculty: Saffran, Jenny, Susan Ellis Weismer (Affiliate), & Jan Edwards (Affiliate)

Lab: Little Listeners Project

Research Foci: Language processing in toddlers who have autism spectrum disorder

Contact: Send resume and unofficial student record to Heidi Sindberg,

hasindbe@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 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

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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, schloss@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: Social Kids Lab

Research Foci: Social cognitive development

Contact: Rachel King, rking5@wisc.edu

Minimum GPA: No minimum, above 3.0 preferred

Prerequisite Courses or Year: None

Credit/Pay: Credit or volunteer only

Duties/Type of Work: Participant recruitment, data coding, data collection, stimuli development. Experience working with children is strongly preferred.

Number of Openings per Semester: 1 to 5

Start Date: First day of the new semester (September 6th for Fall 2017)

Number of Semester Commitment: 2 semester minimum, 3+ semesters preferred

Hours per week: 6 to 15

Location: Waisman Center, 1500 Highland Avenue

Lab Meeting Times and Size of Lab: Meetings Fridays 3PM-4PM; lab size of approximately 20 (15 undergraduates)

Website: <https://socialkids.waisman.wisc.edu>

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

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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>

Faculty: Ward, Emily

Lab: Visual Cognition Lab

Research Foci: The Visual Cognition Lab is broadly interested in the scope and limits of visual perception, with an emphasis on how perception interacts with consciousness and other cognitive processes.

Contact: ejward@wisc.edu

Minimum Prerequisite Courses or Year: None --we're interested in getting a balance of students with different skills/backgrounds/experience in the lab. Students should have some basic familiarity with cognitive science and/or with research methods in psychology and should be comfortable working with computers.

Credit/Pay: Credit

Duties/Type of Work: Our undergraduate researcher assistants (RAs) will gain experience in all aspects of research in visual cognition; designing, running, and analyzing our various behavioral experiments. RAs may also help with neuroimaging studies.

Number of Openings per Semester: 1-3

Number of Semester Commitment: Minimum 2 semesters

Location: UW Psychology Department, Brogden Hall

Website: <http://emilyward.org/>

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AFFILIATED FACULTY

Faculty: Bolt, Daniel (Educational Psychology)

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

Contact: Daniel Bolt, dmbolt@wisc.edu

Faculty: Dilworth-Bart, Janean, PhD, Associate 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://sohe.wisc.edu/staff/janean-dilworth-bart-2/>

Faculty: Herringa, Ryan

Lab: BRAVE Youth Lab

Research Foci: Neurodevelopmental mechanisms of resilience and vulnerability to childhood trauma. Methods include neuroimaging and psychophysiology

Contact: Rachael Meline, rmeline@wisc.edu

Minimum GPA: 3.0

Prerequisite Courses or Year: None

Credit/Pay: Credit

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

Number of Openings per Semester: 2+

Start Date: Varies

Number of Semester Commitment: 2+

Hours per week: varies (2-12)

Location: WisPIC

Lab Meeting Times and Size of Lab: Meeting time varies by semester. ~10 members

Website: <http://braveyouth.psychiatry.wisc.edu>

Faculty: Johnson, Sterling

Department: Alzheimer's Disease Research Center

Lab: ADRC Imaging Core

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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

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://kalinlab.psychiatry.wisc.edu>

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

Stat 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 11 am

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Size of Lab: 5-6 people

Website: <http://website.education.wisc.edu/cwkalish/soct>

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: <https://bhsl.waisman.wisc.edu>

Faculty: Lutfi, Robert (Communicative Disorders)

Lab: Auditory Behavioral Research Lab

Research Foci: Human auditory perception

Contact: Lutfi@waisman.wisc.edu

Website: <https://csd.wisc.edu/staff/lutfi-bob/>

Faculty: Matthews, Percival (Educational Psychology)

Undergraduate Research Opportunities Psych Faculty and Affiliated Faculty

Lab: Math Education Learning and Development (MELD)

Research Foci: Mathematical and numerical cognition. Special focus on detailing human abilities to process non-symbolic ratio magnitudes and how this ability might be leveraged to improve understanding of number symbols.

Contact: pmatthews@wisc.edu

Minimum 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

Start Date: Beginning of each semester

Number of Semester Commitment: 2

Hours per week: 3/credit hour

Location: Educational Sciences/ Various sites

Lab Meeting Times and Size of Lab: Scheduled each semester

Lab Website: <https://website.education.wisc.edu/pmatthews/>

Project Website: <http://website.education.wisc.edu/lambda/>

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>

Faculty: Piper, Megan E.

Lab: Center for Tobacco Research and Intervention

Research Foci: Tobacco dependence and treatment

Contact: mep@ctri.wisc.edu and 265-5472

Minimum Prerequisite Courses or Year: None

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Faculty and Affiliated Faculty**

Credit/Pay: Pay

Duties/Type of Work: Phone screening and participant assessment

Number of Openings per Semester: Varies

Start Date: Varies

Number of Semester Commitment: Varies

Hours per week: Varies

Location: 1930 Monroe St.

Lab Meeting Times and Size of Lab: Varies

Website: ctri.wisc.edu