

## 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](mailto: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](mailto: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](mailto: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](mailto:berridge@wisc.edu)

*Minimum GPA:* 3.2

*Prerequisite Courses or Year:* None

## **Undergraduate Research Opportunities Psych Faculty and Affiliated Faculty**

*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, [markus.brauer@wisc.edu](mailto:markus.brauer@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:* Between 7 and 10 hours a week.  
*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](mailto: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:* Running participants through protocols, recruitment, psychiatric classification, risk prediction, adaptive interventions using real world data and machine learning, etc.  
*Number of Openings per Semester:* 10  
*Number of Semester Commitment:* 2  
*Hours per week:* 10 hours per week  
*Location:* Psychology Building

## **Undergraduate Research Opportunities Psych Faculty and Affiliated Faculty**

*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 Healthy Minds

*Research Foci:* Neuroscience

*Contact:* Brittany Thomson, [Brittany.thomson@wisc.edu](mailto: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:* 1-3 credits are typical (3-10 hours)

*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. We strongly prefer students who are able to commit to at least 2 semesters.

*Location:* The Center for Healthy Minds (625 West Washington Avenue), The Waisman Center, and Brogden Psychology.

*Lab Meeting Times:* Varies. Larger group meetings scheduled in the early evening.

*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:* Laura Rivera: [lirivera@wisc.edu](mailto:lirivera@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 Ann**

*Lab:* Gernsbacher Lab

*Research Foci:* Human Communication and Attention

*Contact:* Jacob Hurlburt, [gersnbacherlab@psych.wisc.edu](mailto:gersnbacherlab@psych.wisc.edu)

*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](mailto: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 assessment at 6 & 24 months of age, behavioral coding, web-based surveys, salivary cortisol, data processing. Other duties include literature reviews and data management tasks. Data collection is complete for all studies.

*Number of Openings per Semester:* 3-4

*Start Date:* Not specified

*Number of Semester Commitment:* 2 semesters but most students enroll for 4 semesters

*Hour commitment:* 45 hours/credit for the semester (2 cr = 90 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

## **Undergraduate Research Opportunities Psych Faculty and Affiliated Faculty**

Contact: [dgooding@wisc.edu](mailto: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: Adam Large, [alarge@wisc.edu](mailto:alarge@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](mailto:jmharack@wisc.edu)

Minimum GPA: Not specified

Prerequisite Courses or Year: None

Credit/Pay: 3 Credits

## Undergraduate Research Opportunities Psych

### Faculty and Affiliated Faculty

*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:* 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:* Dana, [dekrauss@wisc.edu](mailto: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

## **Undergraduate Research Opportunities Psych**

### **Faculty and Affiliated Faculty**

*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: Marler, Catherine**

*Lab:* Endocrinology, Animal Behavior, and Neuroendocrinology

*Research Foci:* Endocrinology, animal behavior and neuroendocrinology

*Contact:* Professor Marler, [camarler@wisc.edu](mailto: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:* varies

*Start Date:* varies

*Number of Semester Commitment:* Minimum of two semesters

*Hours per Week:* Varies from 3-12 hours

*Location:* Psychology building

*Lab Meeting Time:* varies

*Size of Lab:* varies

*Website:* <http://psych.wisc.edu/marler/index.htm>

#### **Faculty: Miyamoto, Yuri**

*Lab:* Culture and Cognition Project

*Research Foci:* Culture, Emotion, and Cognition

*Contact:* Yuri Miyamoto, [ymiyamoto@wisc.edu](mailto: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:* <https://cclab.wiscweb.wisc.edu/>

## Undergraduate Research Opportunities Psych Faculty and Affiliated Faculty

**Faculty: Niedenthal, Paula**

*Lab:* Niedenthal Emotions Lab

*Research Foci:* Emotions, Decision Making, Stress

*Contact:* Professor Niedenthal, [niedenthal@wisc.edu](mailto:niedenthal@wisc.edu) or Stephanie Carpenter [scarpenter3@wisc.edu](mailto: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](mailto: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, psychological, 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:* 3<sup>rd</sup> 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](mailto:jacqueline.fulvio@wisc.edu)

*Prerequisite Courses or Year:* none

*Credit/Pay:* credit

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

*Number of Openings per Semester:* 2-4



**Undergraduate Research Opportunities Psych  
Faculty and Affiliated Faculty**

*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](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/>*

**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://psych.wisc.edu/vision/research.php>*

**Faculty: Rosengren, Karl**

*Lab: The Cognition in Action Lab*

## Undergraduate Research Opportunities Psych

### Faculty and Affiliated Faculty

*Research Foci:* Developmental Psychology; Cognitive and Motor Development

*Contact:* David Menendez, [dmenendez@wisc.edu](mailto:dmenendez@wisc.edu)@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 2<sup>nd</sup> 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](mailto: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](mailto:sjoakley@wisc.edu)

*Minimum GPA:* 3.0 (with exceptions)

*Prerequisite Courses:* psychology and/or communication sciences background preferred

*Prerequisite Year:* None

*Credit/Pay:* Both options available

## Undergraduate Research Opportunities Psych

### Faculty and Affiliated Faculty

*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](mailto: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](http://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 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

## Undergraduate Research Opportunities Psych

### Faculty and Affiliated Faculty

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](mailto: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:* Bailey Immel, [baimmel@wisc.edu](mailto:baimmel@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 (January 22 for Spring 2019)

*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: [waisman.wisc.edu/socialkids](http://waisman.wisc.edu/socialkids)

*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

*Contact:* [space\\_admin@lists.wisc.edu](mailto:space_admin@lists.wisc.edu)

*Minimum GPA:* 3.0 (flexible)

## **Undergraduate Research Opportunities Psych Faculty and Affiliated Faculty**

*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](mailto: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/>

**Undergraduate Research Opportunities Psych**  
**Faculty and Affiliated Faculty**

**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: 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. Current projects focus on developing and testing behavioral interventions for cancer patients. We also investigate interactions between psychological factors and immune functioning, as well as psychological adjustment to a cancer diagnosis and treatment.

*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,

*Number of positions typically available each semester:* Varies

*Start Date:* Summer, Fall semester, Spring semester *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

***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](mailto: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***

**Undergraduate Research Opportunities Psych**  
**Faculty and Affiliated Faculty**

*Lab:* BRAVE Youth Lab

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

*Contact:* Rachael Meline, braveyouthlab@psychiatry.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

## Undergraduate Research Opportunities Psych

### Faculty and Affiliated Faculty

*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](mailto: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](mailto: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 11am



## Undergraduate Research Opportunities Psych Faculty and Affiliated Faculty

*Size of Lab:* 5-6 people

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

### **Faculty: Kirkorian, Heather**

*Lab:* Cognitive Development and Media Lab

*Research Foci:* attention, memory, and learning in early childhood, particularly in the context of digital media (e.g., impact of background TV on play; learning from videos, apps, digital games, books, and eBooks)

*Contact:* Apply online (see website link below); Heather Kirkorian – [kirkorian@wisc.edu](mailto:kirkorian@wisc.edu)

*Credit/Pay:* Usually volunteer or credit

*Duties/Type of Work:* attending lab meetings on Monday afternoon; collecting data with children in the lab, preschools, or museum; coding videos and entering data from behavioral studies; reading and discussing papers. Preference will be given to students who have taken and done well in courses on early childhood development and research methods and students who have large blocks of time available on weekday mornings to help with data collection at preschools.

*Number of Openings per Semester:* Varies

*Start Date:* Not specified

*Number of Semester Commitment:* 2, but preferably longer

*Hours per week:* 6+

*Location:* Nancy Nicholas Hall (Human Ecology building)

*Size of Lab:* typically 8-10 undergraduate students and 4 graduate students

*Website:* <https://sites.google.com/site/kirkorianlab/home>

### **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](mailto: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/>

## **Undergraduate Research Opportunities Psych Faculty and Affiliated Faculty**

**Faculty: Litovsky, Ruth**

*Lab:* Binaural Hearing & Speech Laboratory  
*Research Foci:* Binaural Hearing, Cochlear Implants  
*Contact:* Shelly Godar, [Godar@waisman.wisc.edu](mailto: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](mailto:Lutfi@waisman.wisc.edu)  
*Website:* <https://csd.wisc.edu/staff/lutfi-bob/>

**Faculty: Matthews, Percival (Educational Psychology)**

*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](mailto: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

**Undergraduate Research Opportunities Psych  
Faculty and Affiliated Faculty**

*Contact:* Bilge Mutlu, [bilge@cs.wisc.edu](mailto: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](mailto:mep@ctri.wisc.edu) and 265-5472

*Minimum Prerequisite Courses or Year:* None

*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](http://ctri.wisc.edu)