Cooperation and Social Reasoning in Children

Faculty: Prof. Jan Engelmann  
Supervisor: Alissa Gomez  
Main Contact email: socialoriginsmanager@berkeley.edu  
Location: On Campus  
Position Dates: Fall 2021, Spring 2022  
Website: https://socialorigins.berkeley.edu/

Description of Research  
Under the direction of Dr. Jan Engelmann, the lab explores how social and cognitive abilities arise and interact with one another in human development and across species and cultures. In doing so, our research studies primarily involve working with children of various age ranges. Some of our current projects include investigations of reasoning, belief formation, and cooperation in children. Most of our research will take place in-person at schools, museums, and parks across the Bay Area.

Description of Student Responsibilities:  
The goal of our lab is to provide highly motivated and curious-minded students with the opportunity to gain hands-on research experience in the field of developmental psychology. Research assistants will work closely with the PI, lab manager, and graduate students to facilitate the research process. Responsibilities for research assistants include running research studies with young children, helping to recruit and schedule participants, collecting and coding video data, and assisting with administrative tasks. Research assistants should be able to dedicate at least 9 hours/week. Must have experience working with children. Must be able to travel to research sites.

Application Process  
To apply, please submit a resume/CV along with a brief statement of interest (no cover letters). The statement should include why you want to work in our lab and what interests you about developmental psychology. Please submit all materials to the lab manager, Alissa, at socialoriginsmanager@berkeley.edu

Application Deadline: 9/1/2021
Research on Children's Linguistic and Cognitive Development

Faculty: Prof. Mahesh Srinivasan  
Supervisor: Grace Horton  
Main Contact email: lcdmanager@berkeley.edu  
Location: TBD – Likely a combination of in person and remote depending on COVID guidelines and students comfort  
Position Dates: Fall 2021  
Website: https://lcdlab.berkeley.edu/

Description of Research
The proposed research plans to investigate cognitive, linguistic, and social development in young children and will be observed through behavioral response measures. Our lab explores how cognitive, linguistic, and social abilities develop and interact in children, as a way of addressing the question of what makes humans special. Projects this semester explore whether or not children can learn from overheard speech, how children learn to use and understand Use Modal verbs, as well as how they learn words that carry multiple meanings. Depending on COVID guidelines and students' comfort, our lab will likely be conducting a hybrid model of working both in person and online, so long as it is deemed safe to work in lab at Berkeley Way West.

Description of Student Responsibilities
Research assistants will be responsible for running experiments and will receive training on how to execute several studies and how to record data from studies. All sessions require research assistants to obtain informed consent from participants’ parents, and assent from participants.

Whenever possible, research assistants will participate in weekly lab meetings, and monthly reading groups where RAs from developmental labs review relevant articles. Other administrative duties of research assistants may include preparing and filing consent documents; creating stimuli; data entry, video uploading, transcribing or video coding; completing CITI (ethics) training and general lab training, as well as assisting with recruitment and updating our database.

Research assistants will work 9 hours a week and may be asked to allocate some of their work hours to the weekend for participants’ scheduling convenience.

Application Process
Email Grace Horton at lcdmanager@berkeley.edu a CV/Resume and a Cover Letter  
****** Title the subject of the email ""[YOUR LAST NAME] - PSYCH 199 APPLICATION"". ******

Application Deadline
Open until filled; We will interview applicants on a rolling basis, so the sooner you submit, the better.
Personality, Emotions, and Films

Faculty: Prof. Oliver John
Supervisor: Ryan Lundell-Creagh
Main Contact email: ryanlundellcreagh@berkeley.edu
Location: BWW
Position Dates: Fall 2021 and Spring 2022

Description of Research
This study investigates the relationship between emotions, personality, and films

Description of Student Responsibilities
RAs will be responsible for administering lab sessions. These sessions require set-up of the computers, monitoring of participants during the task, and clean up after the task. Training will be provided, so no previous in lab experience is required

Application Process
Interested applicants should send a CV/resume, a short letter describing why they believe they would be a good fit in the lab, a list of relevant courses taken, and weekly availability for Fall 2021 to ryanlundellcreagh@berkeley.edu

Application Deadline
Open until filled
Psych 199 Research Assistant Postings – Fall 2021

Personalized Detection of Distress States

Faculty: Prof. Aaron Fisher
Supervisor: Jiyoung Song
Main Contact email: jiyoungsong@berkeley.edu
Location: Remote
Position Dates: Fall 2021 and Spring 2022
Website: https://www.dynamicpsychlab.com/

Description of Research
The Fisher Lab is seeking Research Assistants to help with the Personalized Detection of Distress States study. The goal of the study is to identify patterns of anxiety and depressive symptoms and predict when an individual will experience such distressful episodes in real time. The Lab has piloted and refined the study in the summer and is in the process of recruiting more undergraduate participants during the school semesters. Once the data collection period is over, these data will be cleaned and analyzed to better understand relationships between psychological symptoms, external stressors, and distress states.

Description of Student Responsibilities
- Data collection and management
- Participant outreach
- Literature review
- Data cleaning and analyses

Application Process
Please send your CV to jiyoungsong@berkeley.edu

Application Deadline
Open until filled
Autism project: Coding and analyzing data from videos of ASD infants

Faculty: Prof. Fei Xu
Supervisor: Prof. Fei Xu
Main Contact email: fei_xu@berkeley.edu
Location: Remote likely
Position Dates: Fall 2021, Spring 2022, and Summer 2022

Description of Research
This project focuses on coding and analyzing data from videos of parent-child play sessions in high-risk ASD infants, high-risk ADHD infants, and TD (typically-developing) infants.

Description of Student Responsibilities
Students will work with a postdoc and faculty sponsor to code and analyze video data.

Application Process
Please email both faculty sponsor and lab manager directly (fei_xu@berkeley.edu; babylab@berkeley.edu) with a cover letter/email and cv.

Application Deadline
Open until filled
Research on Children’s Development of Racial Biases and Perceptions of Others

Faculty: Prof. Arianne Eason  
Supervisor: Victoria Keating  
Main Contact email: victoria_keating@berkeley.edu  
Location: Flexible  
Position Dates: Fall 2021 and Spring 2022

Description of Research
The proposed research explores how a child’s social environment (parents, media, etc.) may impact their attitudes towards others. In one line of research, we investigate popular perceptions of how children develop understandings of race and racial biases. In another line of research, we investigate how positive minority representation in children’s media may impact children’s biases.

This research is at the intersection of social, cultural, and developmental research, and we utilize a mix of interview, survey, and experimental methodology.

Involvement in this research will help you develop an enriched understanding of the core concepts of developmental and cultural psychology, and various mixed methods of research and data analysis.

Description of Student Responsibilities
Students will work closely with graduate students and each other, and will be involved in many facets of the research process. This will include reading relevant theoretical and empirical papers, assisting with data collection, assisting with stimuli creation and preparation of study materials, recruiting participants, and processing or analyzing data. Students may also test participants online. Lastly, students will have the opportunity to attend lab meetings and to present on the projects they are assigned.

RA work will typically be flexible, as the majority of tasks will be completed online. RAs will complete weekly excel sheets to track their hours and tasks. Throughout the term, we will discuss journal articles in lab meetings and research meetings. Additionally, background readings may be assigned and RAs may be asked to complete a literature review.

CRITERIA FOR FINAL EVALUATION AND GRADE:  
50% LAB WORK  
25% LAB MEETINGS/MEETINGS WITH YOUR MENTOR(S)  
25% FINAL PROJECT

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Psych 199 Research Assistant Postings – Fall 2021

Time Commitment:
1) 6 hours of work per week (for 2 credits), and a flexible schedule including availability during typical work hours and the occasional weekend and evening
2) Two semesters of work with the lab.

Application Process
Please submit a cover letter describing your interests and background, why you are interested in this position, and any relevant experience (e.g., work, research, classes, or experience with children).

REQUIREMENTS:
1) Strong interest in developmental and cultural/social psychology
2) Have taken coursework in at least one of the following: Cognitive Science, Psychology, or Statistics
3) Strong attention to detail
4) Strong organizational skills
5) Strong communication skills, and a native level of fluency in spoken and written English

ADDITIONAL PREFERRED SKILLS (Not required, but if you have them, please talk about these skills in your application):
1) Computer Programming experience (R, Python, Javascript, etc.)
2) Experience with statistical data analysis
3) Experience working with children
4) Experience with Excel, PowerPoint, and Photoshop or similar
5) Experience working with Qualtrics and/or Amazon's Mechanical Turk

Application Deadline: 9/1/2021
Learning, Attention, and Decision-making Throughout Development

Faculty: Prof. Celeste Kidd  
Supervisor: Holly Palmeri & Shengyi Wu  
Main Contact email: holly.palmeri@berkeley.edu  
Location: Remote & off-campus testing sites around the Bay Area  
Position Dates: Fall 2021  
Website: www.kiddlab.com

Description of Research
The Kidd Lab, directed by Professor Celeste Kidd, studies belief formation using a combination of computational and behavioral methods. In our behavioral experiments, we measure how humans look, explore, play, and learn starting in infancy and continuing throughout childhood. We use eye-trackers to measure visual fixations, touchscreens to study exploration in kid-friendly apps, and other in-person and remote methods to study a range of developmental topics. In the upcoming Fall 2021 semester, we plan to launch several new studies. One study will explore concept learning and decision making in social contexts. Another will investigate how attentional control contributes to early math and number learning. This semester, all study sessions will take place remotely via Zoom or in outdoor locations (e.g., parks and museums with outdoor space).

Description of Student Responsibilities
Research Assistants in the Kidd Lab will be responsible for running behavioral experiments with children from infancy through age 12. This will involve recruiting and scheduling interested families, running study sessions in person and/or online via Zoom, coding video data, attending weekly Kidd Lab meetings, and assisting with administrative tasks. There may be opportunities to assist with study design and development. Research Assistants should commit to working at least 8 hours/week. Although positions will start with a one-semester commitment, there is an opportunity to continue working in the lab in future semesters. No previous research experience is required, but experience working with children and programming experience are preferred. RA work will typically be flexible, as the majority of tasks will be completed online. RAs will complete weekly excel sheets to track their hours and tasks.

Application Process
Please email Holly Palmeri (holly.palmeri@berkeley.edu) with your resume/CV and a cover letter discussing the following points:

1. Why you're interested in working in the lab
2. What you're hoping to gain from the experience
3. Post-graduation goals (if known)
Psych 199 Research Assistant Postings – Fall 2021

4. Experience working with children

5. Programming experience

6. An open, unanswered question in cognitive science or developmental psychology that you'd be most interested in investigating through empirical research and why you think it's interesting

Application Deadline: 9/1/2021
Emotions & Well-Being

Faculty: Prof. Iris Mauss  
Supervisor: Prof Iris Mauss  
Main Contact email: geraldyoung@berkeley.edu  
Location: Likely in person and remote  
Position Dates: Fall 2021 and Spring 2022  
Website: https://eerlab.berkeley.edu/

Description of Research
This project investigates the different ways in which specific emotions and affective states relate to distinct social processes (e.g., sense of belonging, self-esteem) and well-being (e.g., depression, anxiety). We also seek to identify individual difference variables that moderate these associations (e.g., personality, emotion judgments, emotion regulation, culture). Specifically, the project seeks to answer questions such as: Are different emotions and affective states associated with distinct social processes? In what ways do emotion judgments, emotion regulation, and culture moderate these associations? Does culture predict the emotions and affective states that promote well-being? How does culture influence our experience of emotions and affective states?

Description of Student Responsibilities
Students will work closely the graduate student (Gerald Young) on tasks ranging from qualitative coding, survey construction and design, collecting and analyzing data, conducting literature reviews, and reading assigned literature. Gerald will provide all necessary training. Students will also have the opportunity to independently lead projects of their own under the supervision of Gerald Young & Iris Mauss. Students must commit at least 6 hours a week to this research and be available for weekly meetings. Further, it is ideal if you can commit to at least two semesters.

Application Process
Email Gerald @ geraldyoung@berkeley.edu for information regarding this position.

Application Deadline
Open until filled
Healthy Brains Project

Faculty: Prof. Ann Kring
Supervisor: Prof. Ann Kring
Main Contact email: kring@berkeley.edu
Location: On Campus
Position Dates: Fall 2021 and Spring 2022
Website: https://esilab.berkeley.edu/

Description of Research
In collaboration with investigators at Temple University (https://sites.temple.edu/ellmanlab/) and the Child Health and Development Studies (CHDS; http://www.chdstudies.org/) in Berkeley, we are conducting a study to investigate influences on brain health throughout development, including early life and prenatal development. This is a follow-up study of children whose mothers enrolled in the CHDS in the 1960s. The CHDS enrolled nearly 30,000 pregnant women between 1959 and 1967 at Kaiser Oakland, and this cohort of mothers and offspring have been followed for 60 years. This new follow-up study examines predictors of overall health, cognitive functioning, and brain structure and function using a multi-method approach (interviews, multi-modal brain imaging, cognitive testing, emotion and social functioning). We are studying how early developmental variables might influence clinical, cognitive, and neural outcomes in the now middle-age offspring.

Description of Student Responsibilities
The goal of our lab is to provide highly motivated students with the opportunity to gain hands-on experience with the process of conducting research. Responsibilities for the Healthy Brains Project will primarily include assisting with the brain imaging portion of the study. Students will need to pass the safety quiz for access to the Brain Imaging Center. Assistants will have direct contact with our participants and work them for the brain imaging portion of the study, helping with pre-scan screening, escorting to and from the Brain Imaging Center, answering questions about the scan, and talking with participants about other aspects of the project. Data entry and analyses can also be part of the contributions. Research assistants should be able to dedicate 3-6 hours/week (i.e., 1 or 2 units). Previous research experience, experience working with brain imaging are beneficial, but not required.

Application Process
To apply, please submit a resume/CV along with a brief statement of interest. The statement should include why you are interested in working on the Healthy Brains Project, why you feel that you would be a good fit, and what about the project interests you. Please submit materials to Prof. Kring at kring@berkeley.edu.

Application Deadline
Open until filled
Research Assistant Positions – Fall 2021
Psychological Studies and Interventions in Education & Criminal Justice

Faculty Sponsor: Professor Jason Okonofua
Supervisor: Michael Ruiz
Location: Remote
Position Time Commitment: Minimum 6 hours a week
Position Date: Summer/Fall 2021

Description of Research:

We are currently recruiting volunteer research assistants to assist with projects related to education and criminal justice. Our lab uses social psychological methodology to understand the psychological mechanisms that contribute to inequality in both education and criminal justice contexts. Further, our lab leverages interdisciplinary research to develop psychologically wise interventions that result in narrowing inequality in both education and criminal justice contexts. Please see below for a description of the current projects that we are working on in each of these contexts.

1. Education
   - Within this context our lab conducts 1) experiments that lead to insights in understanding how PreK-12th grade teachers’ perceptions of students can contribute to racial disparities in discipline, 2) empathic-discipline interventions with teachers that shift their mindsets toward having an empathic rather than a punitive mindset towards discipline, and 3) interventions with students related to social belonging.

2. Criminal Justice
   - Within this context our lab is developing 1) experiments that lead to insights in understanding how officers’ perceptions of persons involved in the justice system contributes to the outcomes of persons involved in the justice system 2) empathic-supervision interventions with officers that shift their mindsets toward having an empathic rather than a punitive mindset towards supervising persons involved in the justice system.

Description of research assistant responsibilities (depending on the needs of the lab):

- Aid in the design, implementation, and analyses of experiments and interventions. This may include conducting literature searches and reviews, cleaning and analyzing data, developing Qualtrics surveys and distributing them, tracking participation, and creating templates. Training will be provided for any research task that we request assistance with.

To apply for the position, please email the following to ruiz_michael@berkeley.edu.

1. Curriculum Vitae/Resume
2. A cover letter that details which research context(s) that you would like to contribute to, research interests that overlap with the research context(s), relevant skills, what you are hoping to learn and or gain from this experience, when you would like to start assisting with research tasks, and if you are interested in receiving Psych 199 units for your contributions as a research assistant during the Fall 2021 semester.
Jacqueline B. Persons, Ph.D. is recruiting a research assistant to work with her and her colleague, Rebecca Courry, LCSW on research they are conducting in their clinical practice setting. Dr. Persons is Director of the Oakland CBT Center and also Clinical Professor in the Department of Psychology at UC Berkeley. Dr. Persons’ clinical practice (www.oaklandcbt.com) is dedicated to integrating research and practice. Go to https://oaklandcbt.com/research-publications to see examples of some of the studies coming out of our research program.

Dr. Persons is seeking a new research assistant (RA) to join our team. If you are an undergraduate student or recent graduate who is interested in moving toward a research career in clinical psychology, this position can help you learn research skills and add to your CV as you prepare to apply to graduate school.

The ideal candidate is an advanced undergraduate student or recent college graduate who is familiar with Excel and all of the other Microsoft Office tools, is comfortable working independently, and has experience coding and managing data. You must be able to spend all day Friday (10 a.m. to 5 p.m.) at the Oakland CBT Center offices, located in the Rockridge area of Oakland, easily accessible by bus or BART, and you must be prepared to make a six-month commitment at minimum.

This is a volunteer position. Dr. Persons cannot pay you. However, she may be able to arrange for you to receive course credit in the Department of Psychology at UC Berkeley for Psych 199 (research credits) or Psych 197 (field experience).

You will have the opportunity to work with Dr. Persons and Ms. Courry and the RA who is working now at the Center. Your tasks will include the following:

- conduct literature searches and locate articles in the online library
- manage large datasets
- prepare Powerpoint slides for conference presentations
- analyze data and help present data analyses in research papers and conference presentations
- assist in the preparation of research papers, chapters, and conference presentations
- assist in keeping our projects organized
- read relevant articles and discuss them
- write and revise protocols for submission to the institutional review board
- download data from our progress monitoring software tool into a research database
- code and clean data

You may have the opportunity to develop a project of your own based on existing data or to play a sufficiently large role in an ongoing project to co-author a conference presentation or poster or paper.

You will not have any opportunities to participate in clinical work, except that you will have opportunities to learn about assessments and measures used in clinical practice, and about issues that arise in combining research and routine clinical work.

To apply, please send a CV and a statement about why you are interested in this position to Dr. Persons at persons@oaklandcbt.com.
Psychology part-time paid Research Assistant position available September 1, 2021

Position description: Research assistant addressing entrepreneur mental health assessment

Reports to: Michael A. Freeman, M.D., Founder and CEO, Econa
Psychology department faculty member: Sheri Johnson, Ph.D., Professor

Time commitment: 5-10 hours per week during the academic year, possibility for more hours during academic breaks

Qualifications: Senior year psychology major or psychology graduate student with knowledge of psychometric assessment of personality and mental health conditions, and statistics.

Compensation: $15 per hour. Course credits available.

About Econa: Econa is a science-based emerging entrepreneur mental wellness social impact resource serving international entrepreneurs, and global innovation ecosystems.

Position description: Entrepreneurs constitute a unique population with a well-specified underlying set of mental health differences that are often associated with the expression of diagnosable mental health conditions. Entrepreneur mental health problems have a ripple effect that impacts the entrepreneur, loved ones, employees, customers, suppliers, and the innovation ecosystem more broadly. However, there currently are no screening and assessment instruments or protocols designed to screen and evaluate mental health issues among entrepreneurs.

Econa’s entrepreneur mental health assessment research assistant(s) will conduct literature reviews related to a range of entrepreneur personality traits to identify and report upon validated psychometric instruments that are currently available, and, to the greatest extent possible, in the public domain.

Respond to: Michael A. Freeman, M.D., mfreeman@econa.net, 415-378-6678
Personalizing Psychotherapy for Anxiety and Depression: 
A Psychophysiological Perspective

Faculty: Aaron Fisher
Supervisor: Esther Howe
Main Contact email: howe@berkeley.edu
Location/Time: In person if COVID permits (Remote as back-up option), 9 hours per week (3 credits), flexible schedule
Position Dates: Fall 2021
Website: http://www.dynamicpsychlab.com/

Description of Research
The Fisher Lab is seeking Research Assistants to help with a large psychophysiology project. The Lab has finished data collection for a study examining personalized psychotherapy for anxiety and depression in which physiological measurements (Heart Rate Variability, Impedance Cardiography, Skin Conductance) were collected from participants at multiple time points. These data need to be cleaned, and analyses must be conducted examining relationships between physiological signals and emotions, thoughts, and behaviors. There may also be a new study in need of RAs to assist with psychophysiology data collection.

If you're interested to learn more, you can check out some of Dr. Aaron Fisher's work on his Research Gate page: https://www.researchgate.net/profile/Aaron_Fisher

Description of Student Responsibilities
RAs will be brought on at Level I and may progress based on performance and interest.

- **Level I**: Clean physiological data
- **Level II**: Conduct literature reviews and assist with analyses as opportunities arise and depending on pre-existing RA skill set.

Requirements
Interest in clinical science research and physiology in particular, self-directed, curious about or committed to pursuing graduate studies in psychology, available for nine hours per week over the semester. Training will be provided. Priority will be given to second-year students who can commit to 2+ semesters.
Title of Research/Project:
Golden Bear Sleep and Mood Research Clinic

Projects:
a) 6-year follow-up of adolescent 'night owls' and an evaluation of a habit-based sleep health intervention
b) Community Implementation Study
c) Habit Formation Experiments (via Mechanical Turk)

Description of Research:
The Golden Bear Sleep and Mood Research Clinic is currently working on three novel treatment and implementation studies:

a) A 6-year follow-up of adolescent 'night owls' and an evaluation of a habit-based sleep health intervention.

b) The Community Study focuses on implementing and sustaining a sleep treatment within community mental health clinics, to improve mental health outcomes for individuals with mental illness. The GBSMRC is partnering with nine counties throughout California, and our role as facilitators is to offer support-- from training clinicians to be 'sleep coaches' to providing materials to coordinating with clients-- every step of the way.

c) The Habit Formation Experiments study via Mechanical Turk is focused on better understanding habit formation. Habits impact nearly every domain of our physical and mental health. Evidence-based psychological treatments (EBPTs) are interventions targeting psychological processes that cause and/or maintain mental illness and that have been developed and evaluated scientifically. An implicit goal of EBPTs is to disrupt unwanted habits and develop desired habits. Yet, there has been insufficient attention given to habit formation principles, theory and measures in the development and delivery of EBTPs. The aim of this experiment is to compare strategies discussed in the scientific literature, which have been minimally studied, to dismantle unwanted habits.

Description of Student Responsibilities:
Research assistants will be involved with various lab crews based on interest and skills. There may be opportunities in the future to be involved in more advanced projects with direct clinical exposure. Students must be able to commit to around 10 hours of work per week for a minimum of one school year. Some weeks will be lighter than others, but having the flexibility to work 10 hours a week is required. Research assistants have the opportunity to support the study in the following ways:

Data Crew
Must have excellent attention to detail. Duties will include data entry of a variety of study information for all of our studies. Data entry experience is preferred, but not required. Working knowledge of Excel and Google Sheets, MS Access and R is preferred and would be helpful in

Continues on next page
fulfilling the role. With the growing emphasis on data analysis within the Psychology field, this is a great way to gain exposure and skills that will be valuable in advancing to graduate school and employment opportunities. Data science is the future!!

**Core Responsibilities Crew**
Must be organized, punctual, and responsible. RAs help project coordinators with critical aspects of the study processes including collecting sleep diaries (calling participants daily to collect sleep data over a week-long period), creating recruitment content, recruiting participants/flyering, preparing for sessions, contacting organizations for study recruitment, doing post-session tasks, collecting ecological momentary assessment (EMA) to collect ecologically valid data in real time, various administrative tasks, as well as addressing with essential study needs as they arise. This position will allow the RA to gain crucial knowledge of the inner processes essential to starting, running, and closing out large-scale clinical trials.

**RA Meetings**
RAs will attend meetings to gain a greater understanding of the research process, gain professional development skills (e.g., CV workshops, graduate school workshops, etc.), get to know one another, and experience being a part of a research team!

**Application Process:**
Please send a brief cover letter detailing your interest in the studies, relevant experiences, and expected graduation date. Please also attach a resume or CV, and send it to sondratiab@berkeley.edu. You will be asked to fill out a brief application.