

Internship and Volunteering Opportunities: Week of July 19, 2021

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Fung Fellowship for CO'23 Transfers, 7/30

What is the Fung Fellowship?

The [Fung Fellowship](#) is a unique opportunity for rising juniors, including incoming transfers, from all majors to create innovative solutions to address real-world challenges alongside our community and industry partners. Fung Fellows utilize the iterative human-centered design process, area specific principles, and emerging technology. For the 2021-2022 academic year, the Fung Fellowship has two tracks: [Health + Tech](#) and [Conservation + Tech](#).

The Fung Fellowship accepts applications from all majors and has no GPA bracket; applications will be reviewed holistically.

Application Deadline: Friday, July 30 at 11:59pm PDT

Apply here: <https://airtable.com/shrKPSJRyRNspCd8s>

The Fung Fellowship experience:

- Explore a new interdisciplinary landscape
- Experience the design process from prototype to product
- Embark on a community-based project to gain real-world experience
- Establish yourself as a young leader in an emerging field

Selected Fung Fellows attend a 3-unit course each semester, are supported in career development, and have the opportunity to apply to a second year honors program.

Your next steps:

- Learn more about the program at: fungfellows.berkeley.edu
- Connect with a current Fellow and stay tuned: bit.ly/FFInterest2021
- Join our info session on **Wednesday, July 7** from noon-1pm PDT
 - Register for the info session here: <https://airtable.com/shrhqBcxYoPNAoKRY>
- Apply by **Friday, July 30** at 11:59pm PDT: bit.ly/FFApply2021



FUNG FELLOWSHIP **#BerkeleyBound**

Fung Fellowship Application Open

For Class of 2023 Transfers

Join an interdisciplinary 2-semester program tackling real world design challenges to elevate your skills in ideation, collaboration, and leadership.

Become a Fung Fellow and build relationships in a diverse community, connect with industry mentors, and lead social impact initiatives.

Learn More and Apply at:

fungfellows.berkeley.edu 🔍

Track Options:

CONSERVATION + TECH

or

HEALTH + TECH

Open to All Majors!

#fungfellows
#morethanyourmajor
@fungfellows

VIRTUAL INFOSESSION Wed, July 7	APPLICATION DEADLINE Fri, July 30	INTERVIEW PERIOD August 9-13	FELLOWSHIP OFFER Mon, August 19
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Transcending Beyond Berkeley Fellowships, 8/8

Apply to the TBB Fellowship and partner with a unit on campus to gain professional development experience! Work authorization is not required. For the application and more information, visit the link below.

Link to application: <https://bit.ly/3iAsSgP>

Application opens 7/23 and closes 8/8.



Transcending Beyond Berkeley Fellowship

Apply to the TBB Fellowship and partner with a unit on campus to gain professional development experience! Work authorization is not required. For the application and more information, visit the link below.

Link to application: <https://bit.ly/3iAsSgP>

Application opens July 23rd
and closes August 8th



UNDOCUMENTED STUDENT PROGRAM
UNIVERSITY OF CALIFORNIA BERKELEY

Casa de Esperanza Internship Program, year-round apps

Casa de Esperanza, a non-profit in Houston, Texas, provides residential care to children birth through six who are in crisis due to abuse, neglect, or the effects of HIV. Care is provided in our neighborhood by our Hands of Hope interns. Our interns, most of whom are recent college graduates, join us for a year of service (a twelve-month full-time post-graduation internship). Applicants wishing to complete shorter internships are considered on a case by case basis. We provide on-site housing (interns live with the children they are caring for) and interns join us from all over the United States to be part of our internship program.

Information about our internship may be found here:

<https://www.casahope.org/hands-of-hope-internship>

The application for our internship may be found here:

<https://www.casahope.org/application-part-one>

Interns in our program gain valuable experience that is relevant to a number of fields and future career goals while simultaneously making a meaningful difference in the lives of a vulnerable.

We will have groups joining us in January, June, and August of 2021.

Want to make a difference in the lives of young children?

Casa de Esperanza seeks applicants for the Hands of Hope Service Year Program. Casa de Esperanza provides residential foster care to children ages birth through six who are in crisis due to abuse, neglect or the effects of HIV. For a complete description visit:

<https://www.casahope.org/hands-of-hope-service-year-1>. Our application can be found at:

<https://www.casahope.org/application-part-one>

For more information, please contact Darean Talmadge 713-529-0639

dtalmadge@casahope.org

Summer Research Assistants for the Walker Lab

The Center for Human Sleep Science is looking for RAs!

PI: Matthew Walker (Psych 133)

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

Position: Volunteer or for course credit (Psych 199)

SLEEP AND THE AGING BRAIN

Project Objectives:

In this project, we are investigating relationships between sleep, cognition, and health in older adults. Older adult subjects will spend an experimental night sleeping in our lab at Berkeley. Using fMRI, EEG, and cognitive testing, we will examine the effects of sleep on cardiovascular health, learning, and memory. The broad goal of the project is to better understand sleep's role in the complex age-related changes that occur in the brain.

Methodologies:

- Polysomnography
- fMRI/MRI
- Actigraphy

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- Blood pressure, cognitive tasks, questionnaires, etc.

Student's role:

Students are expected to assist with data collection as a first priority. This will include various training prerequisites. Your research mentor and other members of the lab will teach standard sleep EEG setup, techniques for physiological monitoring and behavioral methodologies. In addition, students are expected to assist with sleep EEG overnight monitoring and may be trained for fMRI scanning. Further along in the semester, as more data is collected, there will be additional opportunities for students to assist with data entry and analysis. This will include the various questionnaires, behavioral, and physiological data collected throughout the study. We are looking for students able to make a 1-2+ semester commitment.

Qualifications:

Required: excellent communication and writing skills, highly self-motivated, sensitivity and professionalism to work with specific subject populations such as older adults, excellent organizational skills, ability to work independently or in a group, ability to work evenings, interest in psychological and neuroscientific research, willing to commit at least 3 hours per week and at least one 4-hour overnight shift/month -- Summer 2021: Wednesday nights.

Preferred:

Experience and proficiency with programming or data analysis in python, Matlab, and/or R, desire to pursue a graduate degree in psychology or neuroscience.

Research Mentor's role:

Throughout the semester, your research mentor and other members of the lab will hold multiple required meetings. During these meetings, RAs will be trained on EEG methodology, sleep science techniques and protocols. Time will also be dedicated in these meetings for students to discuss the theoretical questions in the study, apart from the detail of methodology. Senior lab members will send relevant scientific articles to fuel such discussions.

Criteria for final evaluation and grading:

Being on time and being responsible. Being responsive and attending meetings. Flexibility for data collection, and a willingness to assist on weekend nights and mornings.

How to apply:

Please send an email to olmurillo@berkeley.edu with a brief cover letter and a copy of your resume or CV attached as a PDF.

Numerade Paid Summer Internships

This Summer Numerade is offering a flexible, remote and paid internship opportunity. You will be developing STEM content for middle school and high school students. The outcomes of this internship will provide you with experience developing project and time management, teaching, and increase subject matter expertise. If you're interested in applying please go sign up at this [link](#).

[Numerade](#) has multiple openings for a remote, flexible, and paid internship for undergraduate and graduate students.

In this position student interns will:

- Support middle and high school students in various STEM subjects through video explanations
- Gain professional experience
- Earn an income
- Further master STEM subject material through the practice of explanation.

Here's an example of one of our [undergraduate educators](#) creating video lessons as an intern.

Levenson Lab Summer RA

Dr. Levenson's lab is hoping to find a volunteer RA over the summer. We would love someone who is interested in working with data. We will be mostly working with Excel, but anyone who has interests or backgrounds in MATLAB, R, SPSS, and Python will be super welcomed for some additional tasks. We are currently working on text message data, wristwatch data, and sensor station data from a longitudinal study, where we test the effectiveness of an sensor-based in-home technological system in helping familial caregivers and care recipients with dementia.

If you are interested in this volunteer position, please email Claire Yee at claireyee@berkeley.edu.

Part-Time Lab Manager: BELL at UCB

Hiring Part-Time Lab Manager: Berkeley Early Learning Lab directed by Professor Fei Xu, Psychology, UC Berkeley

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We are looking for motivated undergraduates for a part-time Lab Manager position (12-15 hours a week) starting in mid-July/August. The position entails recruiting and scheduling participants for our studies (ages 6 months to 12 years), testing child participants, coding data, overseeing undergraduate research assistants, and maintaining the ongoing smooth functioning of the lab. Applicants should be very motivated, highly organized, enjoy interacting with parents and young children, and get along well with graduate students, undergraduates and post-docs in a cooperative group situation.

Qualifications

- Previous research experience and previous experience working with children
- Proficiency with Microsoft Office (Word, Excel, Powerpoint)
- Excellent writing, verbal communication, and organizational skills that are essential for interacting with parents, researchers, and department administrators

Please contact Gwyneth Heuser (babylab@berkeley.edu) and Prof. Fei Xu by email (fei_xu@berkeley.edu) if you are interested in the position (cc both in one email). Please include a cover letter and CV. CV must include at least 2 references that can be contacted. Applications will be reviewed within the next couple of weeks, and applications will be received until the position is filled.