



**SUMMER  
SPRINGBOARD**  
Look Inward. Go Upward.

# Psychology and Neuroscience Infosheet

New student admissions for  
Summer 2024 are open.



## Program Highlights

- Uncover the mystery of how the mind works, and examine the connection between the brain and human behavior.
- Develop solutions to the complex questions of human behavior through hands-on activities such as a brain dissection and real-world experiments.
- Understand treatment strategies for a variety of mental health issues that affect millions of individuals
- Interact with clinical psychologists, neurologists and researchers who are experts in this specialized field.
- Learn how to construct a novel psychological theory and design experiments to test it (Research Methods)
- Discover what psychology is like as a profession, as an academic or clinician



## Academic Program Overview

Nothing is more fascinating and mysterious to us than each other. How do people work? How do I work? Students will learn to tackle these fundamental questions with the tools of psychological science. Students will learn about classic experiments in psychology, with the goal of getting a hands-on, experiential understanding of how people work and how psychologists study them. They will explore social dynamics; emotions; personality; mental illness; the nature of beliefs; neuroscience; and the relationship between the mind, brain, and body. As a capstone project, they will construct their own miniature psychology theory, design/run an experiment to test it, and present findings to the class.



## Excursions

This past summer, students toured both Harvard University and the USC Dana & David Dornsife Cognitive Neuroscience Imaging Center to see an fMRI machine and how it functions. In addition, in Boston students have visited a biofeedback clinic where clinicians used insights from psychology to further their work. Guest speakers included the Director of Harvard's Moral Psychology Research Laboratory, a Cognitive Psychology professor from UCLA, and a People Analyst from Google. In New York, students received a behind-the-scenes tour of the psychology lab at NYU. They witnessed an MRI scan and participated in a research study. At Duke, students visited the Department of Psychiatry & Bowles Center for Alcohol Studies at University of North Carolina. Students built DIY microscopes, went on a lab tour, and learned how equipment can be used to slice brain tissue while holding different brains. Students in the program at Berkeley visited the Cognitive Psychophysiology Lab at San Francisco State University and performed EEG testing to measure electrical activity in the brain. They also had the opportunity to meet with guest speaker, Mark Geisler, PhD.

# Instructors



## Course Structure

There are nine 3-hour class sessions over the two-week course. During week one, students have class from 9am-12pm, Monday - Friday. During the week two students have class from 9am-12pm Monday through Thursday. Wednesday afternoons are dedicated to additional academic time (excursions, speakers).

### **Barnard - Kyle Lorenzo**

Kyle Lorenzo is an instructor of Psychology at Fordham University. He received his BAs in Psychology and Biological Sciences with minors in Cognitive Sciences and International Studies at North Carolina State University. He then received his MA in Applied Developmental Psychology at Fordham University. Kyle's research interests include holistic and culturally responsive approaches to promoting mental health and public health equity among adolescents and young adults. He has taught lectures on foundational psychology, biopsychology, multicultural psychology, and cross-cultural psychology

### **UCLA - Sal Brito**

Salvador (Sal) Brito received his PhD in Neuroscience from Harvard University, where he focused on understanding how brain circuits process behavioral states like fear and anxiety. Before his move to Boston, Sal attended California Lutheran University in sunny southern California, where he obtained his B.S. in Biochemistry and Molecular Biology, along with his B.A. in Psychology. Sal's initial exposure to the science of the brain occurred during his high school years, where he took an AP psychology course that would ultimately guide his career trajectory into psychology and neuroscience.

### **Oxford - Dr. Carmen Pinon**

Dr. Carmen Pinon is a Lecturer in Neuroscience at Brasenose College, University of Oxford. She is also a Senior Lecturer at the Medical School of the University of Buckingham. For more information, click [here](#).

### **Berkeley - Sean Chandler, MA**

Sean Chandler holds his MA in Research Psychology with a focus on mind, brain, and behavior from San Francisco State University (SFSU). His BA is in Cognitive Psychology from SFSU and is a professor of Cognitive Psychology at SFSU. He's also taught Research Methods in Psychology and is the Manager of the Cognitive Psychophysiology Lab at SFSU. For more information, click [here](#).

### **Boston - Dr. Alexandra Hochstetler**

Dr. Alexandra Hochstetler is a postdoctoral fellow in the Lehtinen Laboratory at Children's Hospital in Boston. She completed her PhD at Indiana University with a focus on the mechanisms by which aberrant ion channels in the choroid plexus can lead to hydrocephalus. Dr. Hochstetler's primary research interest is in studying mechanisms of white matter damage in perinatal brain injury, with a specific focus on post-hemorrhagic hydrocephalus of prematurity. Her current project investigates the role of the choroid plexus in instructing myelination of the central nervous system. She also studies the variations in choroid plexus transcriptomes across different species. As part of this work, she studies targeted gene therapy approaches in a large animal model of hydrocephalus in collaboration with the Sadegh, Lehtinen, and Costine-Bartell Laboratories. Teaching and mentoring is one of Dr. Hochstetler's greatest joys, and she is currently TA-ing for the Pathology of Human Disease course at Harvard Medical School.

### **Duke - Sikoya M. Ashburn, Ph.D.**

Dr. Sikoya M. Ashburn is a cognitive neuroscientist at the University of North Carolina at Chapel. She is a Duke (B.S. in Neuroscience) and Georgetown (Ph.D. in Neuroscience) alum. She conducts research on neurodevelopmental disorders such as ADHD, teaches neuroscience with the UNC medical school, and leads several outreach programs, such as the Triangle Brain Bee, for school-aged children in the RTP area.

# Instructors

## **UCSD – Anny Reyes (Session 1)**

Anny Reyes, Ph.D. is a neuropsychology postdoctoral fellow in the Department of Radiation Medicine and Applied Sciences at the University of California, San Diego (UCSD). She completed her doctoral degree in clinical psychology specializing in neuropsychology at the SDSU/UC San Diego Joint Doctoral Program and her neuropsychology internship at Emory School of Medicine. Prior to this, she earned her Bachelor's Degree in Biology and Neuroscience from SUNY Albany, as well as her Master's Degree in General Psychology from New York University (NYU). Dr. Reyes uses neuropsychological and neuroimaging tools to investigate the impact of seizures on cognition and brain structure in patients with epilepsy and Alzheimer's disease. She also examines the impact of social and structural determinants of health on cognitive outcomes. Her program of research will focus on promoting brain health equity via the development and implementation of lifestyle, behavioral, and cognitive interventions to help prevent dementia or slow the progression in diverse and underserved populations. Clinically, she is interested in cultural neuropsychology and offering clinical services to Spanish-speaking patients. At the leadership level, Dr. Reyes has focused on increasing diversity within neuropsychology and neuroscience via mentorship and recruitment initiatives. She has mentored numerous students including high school, undergraduate, and graduate students. Dr. Reyes co-directs the Society for Black Neuropsychology Mentorship Program.

## **UCSD – Jiwandeep Kohli (Session 2 and 3)**

Dr. Jiwandeep Kohli is a Neuropsychology Postdoctoral Fellow at the Center for Multimodal Imaging and Genetics at the University of California, San Diego (UCSD). He completed his PhD in the SDSU/UC San Diego Joint Doctoral Program in Clinical Psychology with an emphasis in Quantitative Methods. Prior to this, he earned his Master of Science degree in Clinical Psychology from San Diego State University, his Master of Arts in Psychology with emphasis in Behavioral and Cognitive Neuroscience from San Diego State University, as well his Bachelor of Arts in Psychology from UC Berkeley. Dr. Kohli does interdisciplinary research using multimodal neuroimaging techniques, neuropsychological assessment, and advanced quantitative methods to study both etiology and outcomes in neurodevelopmental and neurological disorders across the lifespan. His current work employs these approaches to study changes in brain anatomy, function, and cognition related to epilepsy and brain tumors. His prior research examined the same features in autistic adults entering middle to older age. He is broadly interested in methods that allow us to draw improved links between brain structure, function, and cognition in heterogeneous conditions. Dr. Kohli also conducts neuropsychological and psychodiagnostic assessments in a variety of clinical settings, including evaluations for neurodevelopmental disorders and pre-surgical planning. As a clinical psychologist, Dr. Kohli is a strong advocate for cultivating interests outside of work, and enjoys baking, photography, and long distance running as his primary hobbies.

## **Yale – Keisha Winston**

Keisha Winston is a Professor of Neuroscience, Psychology and Biology. She began her educational venture at Northeastern University and completed her doctoral studies at the University of Connecticut where she studied and conducted research in both the Neuroscience and Pharmaceutical Sciences departments.

## **Washington – Kevan Kidder, Ph.D.**

Kevan Kidder currently works as a Research Scientist at Basso Lab at the University Washington, where he delves into the investigation of neurodegenerative diseases and aging through the application and advancement of cutting-edge methodologies. Dr. Kidder's professional focus lies at the intersection of neuroscience and technological innovation. During his doctoral studies, Kevan concentrated on understanding the roles played by the prefrontal cortex and hippocampus in working memory abilities. This involved a multifaceted approach, utilizing electrophysiology techniques in freely behaving animals, optogenetics, and behavioral analyses to unravel the intricacies of cognitive functions. Dr. Kidder studied Biology and Psychology in undergrad at University of Washington. He earned his doctorate in Psychology at UW focusing on neurosystems and behavior. Dr. Kidder brings many years of teaching experience, diverse knowledge within the field of Psychology, and wonderful insight from his time on campus and in Seattle.

## Tuition Information:

### Residential Students:

- **Includes:** all meals, lodging, excursions, academic course, weekend excursions
- **Excludes:** optional airport pickup and drop off service (available for an additional fee)
- **Price:** See prices under 2024 dates

### Commuter Students:

- **Includes:** lunch, academic course, excursions, programming from 9am to 6pm, Monday-Friday
- **Excludes:** lodging, breakfast, dinner, weekend excursions
  - Weekend excursions can be added on for \$125 per day
- **Price:** \$3,198

## Supplements:

- Application fee: \$99 (mandatory, non-refundable)
- Tuition Protection Plan: Allows for cancellation for any reason up until the day of the program. Click [here](#) for more info.

[More info on Airport Transfer](#)

[More info on Unaccompanied Minor Service](#)

[Apply Now!](#)

Summer Springboard programs are not run by our campus partners (with the exception of Cal Poly which is run in partnership with SSB). Universities and their affiliated departments and partners do not control and are not responsible or liable in any manner for any part of the Summer Springboard program.

2024\_V22



## 2024 Dates

### BARNARD/COLUMBIA (\$5,698)

- Session 1: June 30 - July 12
- Session 2: July 14 - July 26

### OXFORD (\$6,098)

- Session 1: July 14 - July 26
- Session 2: July 28 - August 09

### BERKELEY (\$5,898)

- Session 2: June 23 - July 05
- Session 4: July 07 - July 19
- Session 6: July 21 - August 02

### UCLA (\$5,998)

- Session 1: June 23 - July 05
- Session 2: July 07 - July 19

### UC SAN DIEGO (\$5,498)

- Session 1: June 30 - July 12
- Session 2: July 14 - July 26
- Session 3: July 28 - August 09

### YALE (\$6,098)

- Session 1: June 16 - June 28
- Session 2: June 30 - July 12
- Session 3: July 14 - July 26

### BOSTON (\$5,498)

- Session 1: June 16 - June 28
- Session 2: June 30 - July 12

### DUKE (\$5,498)

- Session 1: June 30 - July 12
- Session 2: July 14 - July 26

### WASHINGTON (\$5,498)

- Session 1: July 21 - August 02



## Typical Schedule

8:00am  
BREAKFAST



9:00am  
ACADEMIC COURSE



1:30pm  
ACADEMIC EXCURSION  
OR RECREATIONAL ACTIVITY

12:00pm  
LUNCH



3:30pm  
ENRICHMENT  
ELECTIVE

6:00pm  
DEPARTURE  
OF COMMUTER STUDENTS



7:00pm  
ACTIVITIES  
FOR RESIDENTIAL STUDENTS

6:00pm  
DINNER  
FOR RESIDENTIAL STUDENTS

10:30pm  
RA CHECK-IN  
FOR RESIDENTIAL STUDENTS