

faculty

Bruce Berg (Ph.D., Indiana University) audition, auditory attention, psychophysics of complex sounds, computational models of hearing

Aaron Bornstein (Ph.D., New York University) memory, decision-making, reinforcement learning, neuroimaging, computational cognitive neuroscience

Alyssa A. Brewer (M.D., Ph.D., Stanford University) neuroimaging of visual perception, visual deficits, neurological disorders

Nadia Chernyak (Ph.D., Cornell University) cognitive development, social cognition, prosocial behavior, moral cognition, agency and free will, conceptual development

Charlie Chubb (Ph.D., New York University) visual perception, mathematical modeling, histogram contrast analysis

Barbara Doshier (Ph.D., University of Oregon) human information processing, memory retrieval, attention, visual perception

Michael D'Zmura (Ph.D., University of Rochester) vision, hearing, language, brain-computer interfaces

Emily D. Grossman (Ph.D., Vanderbilt University) visual perception, neuroimaging

Gregory Hickok (Ph.D., Brandeis University) neuroanatomy of language, neural plasticity, neuroimaging, cognitive neuroscience

Donald Hoffman (Ph.D., MIT) machine and human vision, visual recognition, artificial intelligence, virtual reality, consciousness and cognition, shape from motion

Jeffrey L. Krichmar (Ph.D., George Mason University) computational neuroscience, robotics

Michael D. Lee (Ph.D., University of Adelaide, Australia) computational models and bayesian methods in decision making, representation, categorization, individual differences, and the wisdom of the crowd

Mimi Liljeholm (Ph.D., UCLA) neural and computational bases of cognition, perception and action

Sara Mednick (Ph.D., Harvard University) memory consolidation, sleep, pharmacology, aging, brain stimulation

Louis Narens (Ph.D., UCLA) measurement, logic, metacognition

Emre Neftci (Ph.D., ETH Zurich, Switzerland) computational neuroscience, neuromorphic engineering, machine learning

Lisa Pearl (Ph.D., University of Maryland) linguistics, computational linguistics, language development, language change, bayesian models

Zygmunt Pizlo (Ph.D., University of Maryland at College Park) human and machine vision, 3D shape, symmetry, virtual reality, robotics, problem solving

Virginia Richards (Ph.D., UC Berkeley) auditory perception and cognition, human psychophysics

Jeff Rouder (Ph.D., UC Irvine) mathematical and statistical models of perception and cognition, bayesian mixed models, psychometrics

Kouros Saberi (Ph.D., UC Berkeley) signal detection, psychophysics, cortical neuroscience, sensory genetics

Barbara Sarnecka (Ph.D., University of Michigan) cognitive development, language development, number concepts, conceptual change, individual cognitive development, historical development of science and mathematics

George Sperling (Ph.D., Harvard University) empirical and theoretical studies of human information processing: visual perception, attention, and short-term memory systems; computational and neural models of motion and depth perception, and of feature, spatial, and temporal attention processes

Ramesh Srinivasan (Ph.D., Tulane University) perception, attention, decision making, cognitive and clinical neuroscience

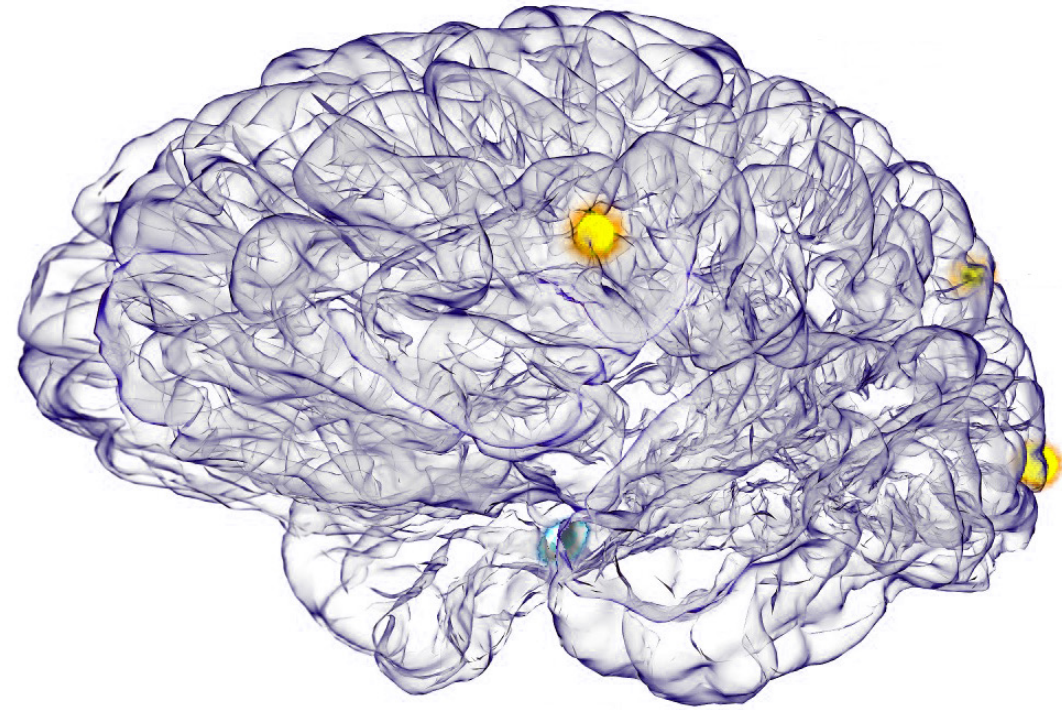
Mark Steyvers (Ph.D., Indiana University) higher-order cognition, cognitive neuroscience, computational modeling, collective intelligence

Joachim Vandekerckhove (Ph.D., University of Leuven, Belgium) response time modeling, model fitting, computational statistics, psychometrics, bayesian statistics

Charles E. (Ted) Wright (Ph.D., University of Michigan) cognitive psychology, human motor control, fitts task, aimed movements, handwriting, immersive virtual reality, 1/f noise, quantitative models

cognitive sciences graduate program

UCI School of Social Sciences



application
deadline: dec 1

apply online:
apply.grad.uci.edu/apply

#07

public university in the U.S.
-U.S. News & World Report

\$2.7

million in external
funding (cog sci)
-Academic Year 2016-17

01

"coolest school"
for sustainability efforts
-Sierra Club Magazine

19

best public psychology
program in the U.S.
-U.S. News & World Report

uci cognitive sciences

A top 20-ranked program with research strengths in computational and mathematical cognitive modeling, cognitive neuroscience, visual and auditory perception, attention, development, memory, language, and judgment and decision making

In 2016-17, UCI cognitive scientists brought in \$2.7 million in external grant funding.

Faculty in the department publish regularly in the field's top academic journals, and graduate students have incredible opportunities to publish alongside them.

The cognitive sciences department at UCI uses a combination of innovative approaches with modern tools to study fundamental human abilities including attention, memory, language, decision making, and problem solving.

Graduate research specialties include:

- Computational and mathematical cognitive modeling
- Cognitive neuroscience (a concentration is offered in this topic)
- Visual and auditory perception
- Attention and representation
- Learning and development
- Memory and language
- Judgment and decision making

Students work together with faculty advisors who are highly experienced in the use of leading technologies such as EEG, fMRI, and robotics, and of modern research tools

such as computational methods, big data, and Bayesian statistics.

And, students have an opportunity to earn a master's degree while in pursuit of their Ph.D.

Graduate students from UCI's cognitive sciences program have gone on to work in high-tech and research consultancy companies; government, science, and technology labs; and in professorial posts around the world. A quick sampling of recent placements include:

- Apple
- Army Research Labs
- Blizzard Entertainment
- Carnegie Mellon University
- Google
- Johns Hopkins University
- Mind Research Network
- Navy Research Labs
- Rutgers University
- University of Pennsylvania
- University of Zurich
- Yale University

The UCI campus is located less than 10 miles from Newport Beach, is the #1 university doing the most for the American

dream (*New York Times* College Access Index), and the #7 ranked public university in the U.S. (*U.S. News & World Report*).

If full funding, opportunities to publish, and a proven track record of excellence in the field are what you're looking for, contact us today to learn more about UCI's graduate program in cognitive sciences.

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U.S. News & World Report ranks UCI's graduate programs in psychology #19 among all programs in the country.

Considering a graduate degree in cognitive sciences?
Consider UCI.

Ranked #19 among all public psychology programs in the country (*U.S. News & World Report*), the UCI graduate program administered by the cognitive sciences department offers students **five years of guaranteed funding**. Scholars in the department have a proven track record of earning competitive research funding from national agencies - including the National Science Foundation and National Institutes of Health - and from campus-level fellowships.

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