



UC Davis Center for Neuroscience

Where **foundational discoveries** reveal the remarkable complexity of the brain and catalyze new treatments and technologies



SELECT RESEARCH DISCOVERIES

- A new connection in the brain that regulates PTSD-relevant extinction of learned fear
- A new role for cerebellum in regulating social and emotional behaviors in health and in autism
- First evidence for a role for a classical immune molecule in mediating Alzheimer's disease-related synapse loss
- A signaling pathway that reduces the side effects of opioid tolerance without exacerbating respiratory depression
- A novel biomarker to predict susceptibility of offspring to increased risk for psychiatric illness after maternal infection, supported by an NIMH \$15 million Conte Center grant renewal

NEW FACULTY HIRES

Xiaomo Chen, Ph.D.

Assistant Professor of Neurobiology,
Physiology & Behavior

Christina Kim, Ph.D.

Assistant Professor of Neurology

FACULTY PROMOTIONS

Jochen Ditterich, Ph.D.

Full Professor

John Gray, M.D., Ph.D.

Associate Professor with Tenure

Tim Hanks, Ph.D.

Associate Professor with Tenure

FACULTY AWARDS

Rishidev Chaudhuri, Ph.D.

Sloan Research Fellowship

Tim Hanks, Ph.D.

UC Davis Outstanding Graduate
Mentor in Neuroscience Award

Charan Ranganath, Ph.D.

Fellow of the Society for Experimental
Psychologists & Fellow of the
Psychonomic Society

CNS BY THE NUMBERS

Faculty and Staff

- 24 In-House Faculty
- 85 Affiliated Faculty
- 46 Lab Staff
- 10 Administrative Staff

Students and Trainees

- 13 Project Scientists
- 20 Postdoctoral Scholars
- 53 Graduate Students from 11 Graduate Groups
- 34 Undergraduate Student Researchers

Neuroscience Graduate Group

- 60 Graduate Students
- 84 Faculty



63 Grants
Submitted



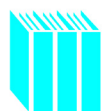
41 New Grants
Funded



8 Grants
Renewed



11 Pending
Awards



88 Published
Papers

GRANT EXPENDITURES

