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

GRANT EXPENDITURES

<table>
<thead>
<tr>
<th>Year</th>
<th>Direct Costs</th>
<th>Indirect Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-2021</td>
<td>$13,855,561</td>
<td>$17,001,784</td>
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<td>2019-2020</td>
<td>$15,672,121</td>
<td>$14,277,094</td>
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<td>2018-2019</td>
<td>$11,836,444</td>
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<td>2015-2016</td>
<td>$15,427,094</td>
<td>$16,427,094</td>
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</tbody>
</table>
TRAINED ADVANCEMENTS

- 13 new PhDs awarded
- 9 Postdocs with new jobs in industry or academia

TRAVEL AWARDS

- Lindsay Cameron
  Barbara Chapman Neuroscience Award
- Stela Petkova
  Ling-Lie Chau Graduate Student Award for Brain Research

COMMUNITY OUTREACH

- Led the formation and launch of the UC Davis Neuroscience Consortium, uniting more than 300 diverse neuroscience researchers at UC Davis from 12 centers and 41 departments across 5 colleges and schools to leverage the strength, breadth, and depth of one of the largest neuroscience communities in the world
- **NeuroFest 2021: Healthy Brain, Healthy Mind: Progress in Mental Health Research** went virtual and engaged nearly 400 community members in neuroscience research and education for all ages
- UC Davis launched the public phase of the “Expect Greater: From UC Davis. For the World” campaign to raise $2 billion for research, education, and programs across the institution. Since July 2016, the Center for Neuroscience has raised $2,898,779 from 152 individuals and $4,833,996 from 16 foundations, achieving 77% of our $10 million campaign goal

TRAINING EXCELLENCE

- Virtual **Neuroscience Initiative to Enhance Diversity** (NIED) program provided 34 undergraduates from underrepresented backgrounds with skill-building workshops, mini lectures, guidance on graduate school admissions, and peer mentorship to help them pursue an advanced degree in neuroscience
- Specialized training in virtual presentations enhanced communication skills for graduate students, including conference talks and NeuroBlitz at this year’s NeuroFest

UC Davis Neuroscience Consortium

A comprehensive and vibrant community of scientists, engineers, and clinicians dedicated to solving humanity’s grandest challenges

FY 2021 PHILANTHROPY

- $336,645 Gifts from 145 Donors
- Director’s Circle Members

To learn more or to support the Center for Neuroscience, visit neuroscience.ucdavis.edu or contact Jennifer Scott at (530) 753-5304 or jescott@ucdavis.edu.