**FY 2019 Impact Report**

**BY THE NUMBERS**

- **24** In-House Faculty
- **26** Postdoctoral Scholars
- **85** Affiliated Faculty
- **52** Graduate Students from 11 Graduate Groups
- **48** Neuroscience Graduate Group Faculty
- **48** Neuroscience Graduate Group Students
- **91** Neuroscience Graduate Group Faculty
- **110** Undergraduate Researchers in CNS Labs

**GRANT-FUNDED RESEARCH**

<table>
<thead>
<tr>
<th>Year</th>
<th>Direct Costs</th>
<th>Indirect Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018-19</td>
<td>$10,969,686</td>
<td>$4,503,633</td>
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<td>2017-18</td>
<td>$9,534,231</td>
<td>$3,918,796</td>
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<td>2016-17</td>
<td>$8,616,562</td>
<td>$3,222,224</td>
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<td>2015-16</td>
<td>$8,983,380</td>
<td>$3,061,225</td>
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<td>2014-15</td>
<td>$6,111,049</td>
<td>$2,446,522</td>
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**RESEARCH DISCOVERIES**

- Discovered a mechanism to explain why learning is more effective with breaks
- Demonstrated that cortex structure can evolve with experience in a single generation
- Developed next generation artificial intelligence to model complex learning
- Used advanced neural stimulation to enhance cognition
- Pinpointed brain regions critical for addiction and PTSD
- Pioneered a behavioral training paradigm to delay hearing decline

**CNS GRANT EXPENDITURES**

- **38** New Grants Funded
- **85** New Grants Submitted
- **8** New Pending Awards
Launched the UC Davis Advancing Diversity in the Neuroscience Research Program to introduce undergraduate students to neuroscience through hands-on research experience and weekly seminars.

**Training Excellence**

- Created the Neuroscience Postdoc Career Development Program, offering panel discussions, guest speakers, workshops and networking activities to inform trainees of their next career opportunities.
- Expanded the student-organized Seminar Outreach for Minority Advocacy series, which enhances the visibility of and facilitates candid discussions with underrepresented faculty.

**Outreach**

- Celebrated NeuroFest’s 5th anniversary, where more than 300 community members attended public lectures and experienced interactive booths.
- Launched a $75,000 campaign to permanently endow the Center’s community outreach program, including NeuroFest and K-12 brain science education.

**Donors**

- 121 Donors
- 8 Endowment Funds
- 8 Current-Use Funds
- $672,600 Gifts from Individuals in FY 2019

- Grew the CNS Director’s Circle to 15 members.
- Established the Neuroscience Innovation Pilot Grant Program, thanks to the generosity of the Haskell Robinson Family Neuroscience Research Endowment and support from CNS Director’s Circle members.

To learn more about or support the Center for Neuroscience, visit neuroscience.ucdavis.edu or call (530) 752-5304.