#### **Opportunities in Neuroengineering** for Students at UC Davis



#### neural atarm **UC Davis Neuroengineering Education & Training Program**

euralStorm is a research training program • offered by the Center for Neuroengineering and Medicine at UC Davis, funded by an NSF NRT grant (NSF Award #2152260) and philanthropic gifts, including the Ellis/Linton Fund for the Center for Neuroengineering and Medicine. Our activities are open to all undergraduate and graduate students eager to explore the intersection of neuroscience, engineering, and computer science.

The NeuralStorm program provides opportunities for students to acquire skills in team science, scientific communication, data analytics, and machine learning, at the intersection of engineering, neuroscience, and medicine.

#### Open to all

Students are invited to join the neuroengineering community by submitting their information here (or scan the QR code to the right)



PhD students are eligible to apply for NeuralStorm fellowships in early March each year



Socializing during the annual NeuralStorm workshop (Sept. 2023)

#### **Benefits**

- Participate in research and education experiences organized by NeuralStorm and the Center for Neuroengineering and Medicine
- Y Apply knowledge and skills to your undergraduate and graduate studies
- Completion of program requirements may allow students to obtain a Designated Emphasis in Neuroengineering (see link or scan the QR code to the right)



#### Eligibility to apply for funding\*

\*NeuralStorm fellowships provide: ~\$36,000 in stipends, funding for traveling to a conference, tuition and fees for 1 year.

#### I'm interested in studying neuroengineering at UC Davis. Where should I begin?

Students interested in graduate studies in neuroengineering can apply to one of the existing graduate groups or programs on campus by following their respective application requirements. The most relevant graduate groups or programs for neuroengineering at UC Davis are listed below. Deadlines start December 1st. Join the **Graduate Studies mailing list** (see QR code below)

- Biomedical Engineering Graduate Group
- Electrical and Computer Engineering Graduate Program
- Mechanical and Aerospace Engineering Graduate Program
- Computer Science Graduate Group
- Neuroscience Graduate Group
- Psychology Graduate Program



For questions, please contact Vincent Tran, NeuralStorm Program Coordinator at vcttran@ucdavis.edu or Gabriela Lee, Associate Director, Center for Neuroengineering and Medicine at gmlee@ucdavis.edu.



**Mission:** Promote neurological health and extend human capacity through neuroengineering, to benefit society. Conduct research, education, and stakeholder engagement, from discovery to translation of systems that interface with the brain and the body.



#### https://neuroengineering.ucdavis.edu



# Using Technology to Empower People





Computational Tools Education, Training, Outreach Knowledge Transfer

Neuromodulators Controller Cognitive State Decoder

> Research Thrust 2: Cognitive Neuroengineering

Research Thrust 3: Prosthetics & Human Machine Interfaces



UCDAVIS Center for Neuroengineering & Medicine Research Thrust 4: Human Performance & Rehabilitation



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## **Activities & Programs**

### Open to all students interested in neuroengineering

Seminar Series October–June	Seminar+ October-June	Neuroengineering Lunch & Learn October-June	Journal Club BIM/NSC 295
Intro to Neuroengineering EEC 244	Neural Signals & ML Tools for Neural Data BIM 280	Practicum for Neuro Computation	Navigating Grad School Quarterly
Annual Skills Workshop September	Annual Symposium May	Internships	Outreach – NeuroFest Picnic Day, etc.
Annual Skills Workshop September	Annual Symposium May Designated Emphasis	Internships	Outreach – NeuroFest Picnic Day, etc.

