

# COMPREHENSIVE NEUROSCIENCE CENTER



## NOVEMBER 2022 NEWSLETTER



### Neuroscience 2022

Neuroscience 2022 will take place November 12-16 at the San Diego Convention Center in San Diego, CA. The CNC has sponsored a booth at the Graduate School Fair to connect and engage with potential graduate students and postdoc recruits. Be sure to visit us at booth #64!

For more information on the 2022 Graduate School Fair hours, Click [here](#).

See you in San Diego!

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**Neuroscience  
2022**

The UAB Comprehensive Neuroscience Center (CNC) is a network of more than 450 UAB Neuroscience research faculty, clinicians, staff, students, and trainees. Our membership is comprised of neuroscience professionals from 32 UAB departments and 9 UAB schools.

[Join the CNC](#)

## Grants in Preparation (GRiP)

# Calling All Grant Writers!



Free peer review to help  
your neuroscience grants succeed.



The CNC GRiP program, led by [Dr. Lawrence Sincich](#), continues a tradition of pre-grant submission review services. The GRiP program provides expert peer review for standard research project grants (R01s and R21s), fellowship grants (F30, F31, F32), career development grants (K01, K99), as well as larger center and program projects grants (e.g., U01, P30, P50).

The CNC will facilitate quality peer pre-review of full draft proposals or specific aims to be submitted to any federal or professional society employing a peer-reviewed funding program. The reviews will provide specific feedback on strengths and weaknesses of the scientific content.

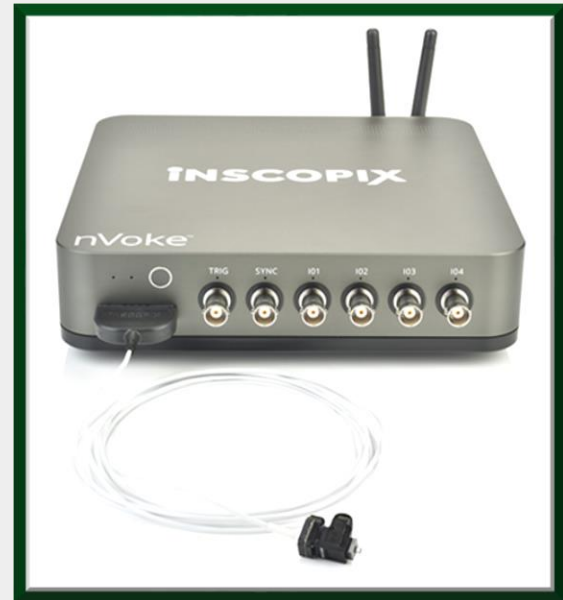
Many UAB CNC members have extensive experience serving on grant review panels, including NIH, NSF, and private foundations. The CNC provides an appreciation fee to the expert reviewers for their quick turnaround before submission deadlines. All names provided will be kept confidential. All reviews returned to the PI will be anonymous, unless reviewers choose to reveal their names.

For more information, please visit <https://www.uab.edu/medicine/cnc/research/grip> or scan the QR code above.

## Featured CNC Equipment

The nVoke System integrates in vivo cellular-resolution calcium imaging with simultaneous or sequential optogenetic manipulation to causally link neural circuit activity with behavior.

- ❖ Record cellular-resolution calcium imaging with optogenetic manipulation
- ❖ Visualize and manipulate the same field of view longitudinally
- ❖ Study the impact of discrete manipulation on behavior and its underlying network dynamics
- ❖ Reserve through the CNC's QReserve calendar!



**Inscopix nVoke system**

## Happening this month

November 1 @ 8 p.m. [Neurology Grand Rounds - CPC](#)

November 3 @ 1:30 p.m. [Neurobiology Seminar Series: Firat Soyly, PhD](#)

November 8 @ 8 a.m. [Neurology Grand Rounds - Annual Oh Lecture](#)

November 15 @ 8 a.m. [Neurology Grand Rounds - W Curt LaFrance Jr, MD, MPH](#)

November 29 @ 8 a.m. [Neurology Grand Rounds - CPC](#)



For more on the latest headlines and events, visit: <https://www.uab.edu/medicine/cnc/news-events> or scan the QR Code above.

**Have an event to share? Tag the CNC on the UAB Calendar Event or email [cnc@uab.edu](mailto:cnc@uab.edu)**

## CNC in the news

### Standaert honored by Parkinson Association of Alabama

An internationally recognized clinician and researcher in Parkinson's disease, UAB's David Standaert, M.D., Ph.D., has been honored with a lifetime achievement award from the Parkinson's Association of Alabama. [Read more](#)



### New \$1 million NSF project seeks to map circuits that underlie key brain functions

Insights gained from this project can lead to a new understanding of the mechanisms by which human deep-brain activity gives rise to cognitive-emotional behaviors, such as social thought processes, impulsivity and affect. [Read more](#)

### 5 chosen as UAB VIPs for third-quarter 2022



Amber Anderson, organization development specialist in Organizational Learning and Development; Kristen Campbell, associate registrar in the Office of the Registrar; Jayme Hester, administrative projects specialist in the Center for Clinical and Translational Science; Kevin Speed, director of Administration and Fiscal Affairs for the Department of Neurobiology and Civitan International Research Center; and Donna Williamson, director of Research Safety Committees in the Office of Research, are the third-quarter 2022 honorees for the UAB Shared Values in Action Program. The UAB VIP Awards honor employees whose work exemplifies and embodies one or more of the university's shared values — integrity, stewardship, collaboration, accountability, respect, excellence and achievement, and diversity and inclusiveness.

[Read more](#)

### National Academy of Medicine adds three UAB faculty to its distinguished ranks

Three faculty members of the Marnix E. Heersink School of Medicine at the University of Alabama at Birmingham have been invited to join the National Academy of Medicine, one of the highest honors that can be bestowed on a physician or scientist in the United States. [Read more](#)

## About the CNC

The overall mission of the CNC is to promote and support interdisciplinary neuroscience research, clinical care and education at UAB. Within that mission the CNC has fostered a University wide pillar structure to facilitate effective cross-disciplinary collaboration among clusters of faculty focused on similar or complementary research.



### GET INVOLVED

#### EVENTS & OUTREACH VOLUNTEER OPPORTUNITIES

Are you a student or CNC member looking to excite your community about Neuroscience research?

If so, we have several outreach opportunities for you to get involved! Outreach events are listed to the right.

For more information or interest, please contact [cnc@uab.edu](mailto:cnc@uab.edu)

### CNC Outreach Events

Brain awareness Week (March)

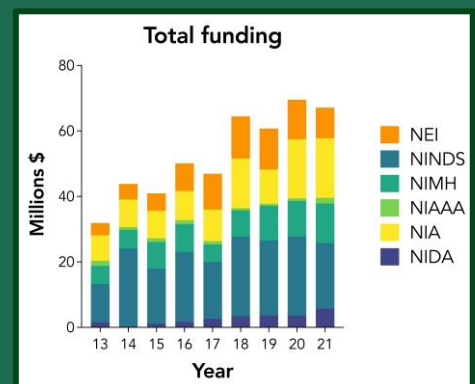
Alabama Brain Bee (March)

[Society for Neuroscience "Hill Day"](#)

[Neuroscience Cafes](#)

## A message from CNC Director Dr. Jeremy Day

The central mission of the CNC is to support growth of interdisciplinary neuroscience research, clinical care, and education at UAB. With this in mind, there has never been a more exciting time to be a neuroscientist at UAB. As shown in the graph to the right, UAB funding from neuroscience-centric NIH institutes has more than doubled since 2013, and UAB now holds 244 active funded neuroscience research projects at totaling more than \$131 million dollars. This incredible achievement is a testament to the robust neuroscience community at UAB and the hundreds of faculty, students, staff, and postdoctoral fellows that contribute to creating a vibrant research enterprise. As the new CNC director, my goal is to foster continued growth in this area. I would welcome your suggestions for the best ways to do this – if you have ideas for CNC programs or initiatives, please contact [cnc@uab.edu](mailto:cnc@uab.edu)!



## ADDITIONAL LINKS

CNC Website: <https://www.uab.edu/medicine/cnc/>

CNC Neuroscience Research Pillars:  
<https://www.uab.edu/medicine/cnc/research/pillars>

Join CNC Listserv: <https://www.uab.edu/medicine/cnc/join>

UAB Research News: <https://www.uab.edu/news/research>



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