
Comprehensive Neuroscience Center November 2024 Newsletter

From UAB Comprehensive Neuroscience Center <cnc@reach.uab.edu>

Date Fri 2024-11-01 08:02

To CNC <cnc@uab.edu>

Web Version



Comprehensive Neuroscience Center

Latest Stories

Neuroscience 2024



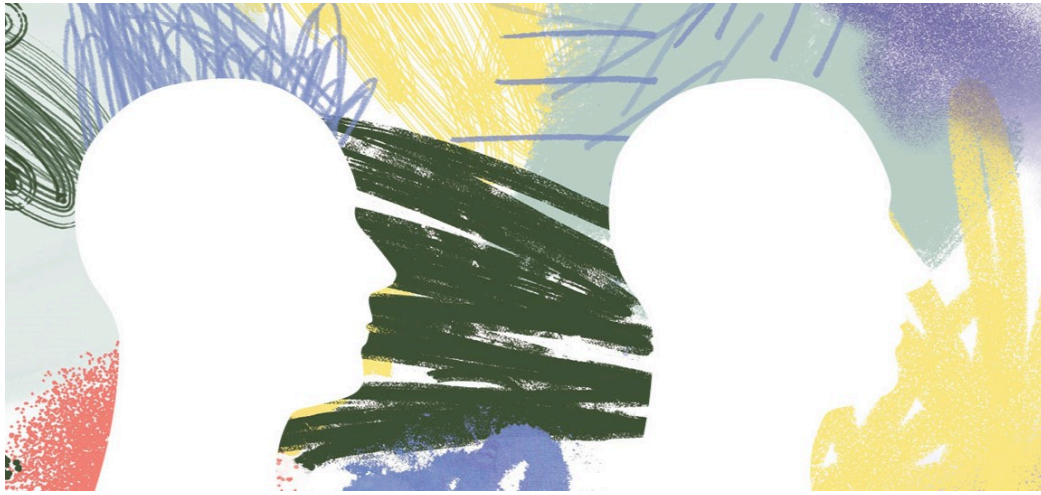
Neuroscience 2024 was held Saturday, October 5 – Wednesday, October 9 at McCormick Place convention center in Chicago, IL. Throughout the conference, UAB represented with posters, Nanosymposiums, Symposium presentations and over 150 Authors!

All registrants have access to the [virtual platform](#) until November 10, 2024.



Several UAB faculty and students engaged with 130+ potential graduate students, postdoc recruits and faculty interested in joining UAB Neuroscience programs. Thank You to all who volunteered during the four day Graduate School Recruitment Fair!

New directions in psychiatric care



UAB Medicine Magazine Fall 2024 is now online. In this feature, explore programs aimed at improving and expanding access to mental health care that are transforming lives. [Read More.](#)

Bridging the gap from pediatric to adult epilepsy care: the Epilepsy Transition Clinic at UAB



The transition to adult health care is a critical time for young adults with chronic illnesses like epilepsy. This demographic often faces heightened risks, including increased emergency department visits, significant gaps in care, and higher mortality rates. [Read More.](#)

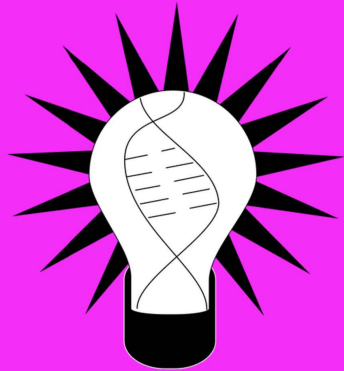
Award & Workshop Opportunities

CIRC RFA for Student Travel

Civitan International Research Center is announcing the availability of Trainee Travel Awards for graduate students and postdoctoral trainees to facilitate presentations at meetings, conferences or symposia related to research and/or clinical activities addressing neurodevelopmental disabilities. Virtual attendance is also allowed with a decreased level of award. Individual awards of up to \$1200 will apply toward conference fees. The exact amount will be subject to UAB policy (receipts, rules, etc.).

Application deadlines for submission is **November 4, 2024**. [Read More](#)

Cold Spring Harbor Laboratory Innovators Award



CSHL INNOVATORS SYMPOSIUM

A 2-day symposium highlighting the exciting research of senior PhD students from across the US working in the fields of cancer and/or neuroscience

DATES: February 24-26, 2025

LOCATION: Cold Spring Harbor Laboratory
Long Island, NY

ELIGIBILITY: Senior graduate students at US institutions

APPLICATIONS: Accepted Sept 15 - Nov 22, 2024

Opportunity to
network and discuss
postdoc positions
with CSHL faculty

Women and underrepresented minorities strongly encouraged to apply.

For more information and to apply, please visit
apply.interfolio.com/153295.

photo: May Wu

The Cold Spring Harbor Laboratory is now accepting applications for the CSHL Innovators Award, which will recognize some of the most talented young scientists of their generation. All late-stage graduate students who are doing creative and exciting work in neuroscience and/or cancer, and are ready to talk about it, are encouraged to apply.

Applications are due by **November 22nd, 2024**. To learn more about this opportunity, and to apply, please visit:

apply.interfolio.com/153295

Simons Foundation: Fellows-to-Faculty Award RFA

The Simons Foundation's Autism & Neuroscience division is pleased to announce that the Fellows-to-Faculty Award request for applications (RFA) is now open. This award is a new iteration of the previously offered Simons Foundation Independence Awards.

The Fellows-to-Faculty Award program supports talented early-career scientists and their research vision as they transition into tenure-track or equivalent faculty positions.

Awardees receive funding toward the end of their postdoctoral career and a commitment of a \$600,000 USD faculty research grant. Fellows may activate the award funding at institutions within or outside the United States.

The deadline for application submission is **Tuesday, January 14, 2025 at 12:00 p.m. (noon) ET**. Detailed information and application instructions are available [here](#).

2025 Cell Types Workshop: Describe Your Neurons Like the Allen Institute

In this workshop, participants will gain in-depth exposure on how Allen Institute defines "cell types" and work with direct, applicable examples of how to use the Allen Institute's free, open resources & tools for research. The highlighted tools featured at the workshop are Cell Types Knowledge Explorer and Allen Brain Cell (ABC) Atlas, both of which include definitions and taxonomies of cell types, cell properties used in those definitions, and resources for applying these types to your cells.

Applications are open now and are due on **December 6, 2024**. All applications will be notified of the decision on their application by January 1, 2025. The workshop will be **March 17-19, 2025** at the Allen Institute, Seattle WA. [Read More](#).

2025 UAB NIH Shared Instrument Grant (SIG-S10)

To assist UAB investigators in submitting competitive and successful NIH S10 Shared Instrumentation Grants (2025 PAR [Shared Instrumentation Grant Program](#) (SIG)) and High End Instrumentation (2025 PAR [High-End Instrumentation Grant Program](#) (HEI)) grants, a pre-submission and review process is being instituted for 2025. The goal is to assist investigators in proposal development as well as obtaining institutional support necessary for submission. The process will include a letter of intent followed by a merit-based assessment of each project. Both the SIG and HEI have a due date of **June 2, 2025**. [Read More](#).

Save the Dates

Southern Vision Research Conference



Welcome

Welcome to the **Southeastern Vision Research Conference** organized by Vanderbilt University, Vanderbilt University Medical Center, Emory University, and the University of Alabama at Birmingham.

2024 Information:

Date: November 11th & 12th

Location: Marriott at Vanderbilt – Nashville, TN

Registration & Abstract Submission Link: <https://redcap.link/SVRC2024>

Marriott Registration - <https://book.passkey.com/e/50784216>

Key Note Speaker:



David J. Calkins, PhD

Vice President for VUMC Research

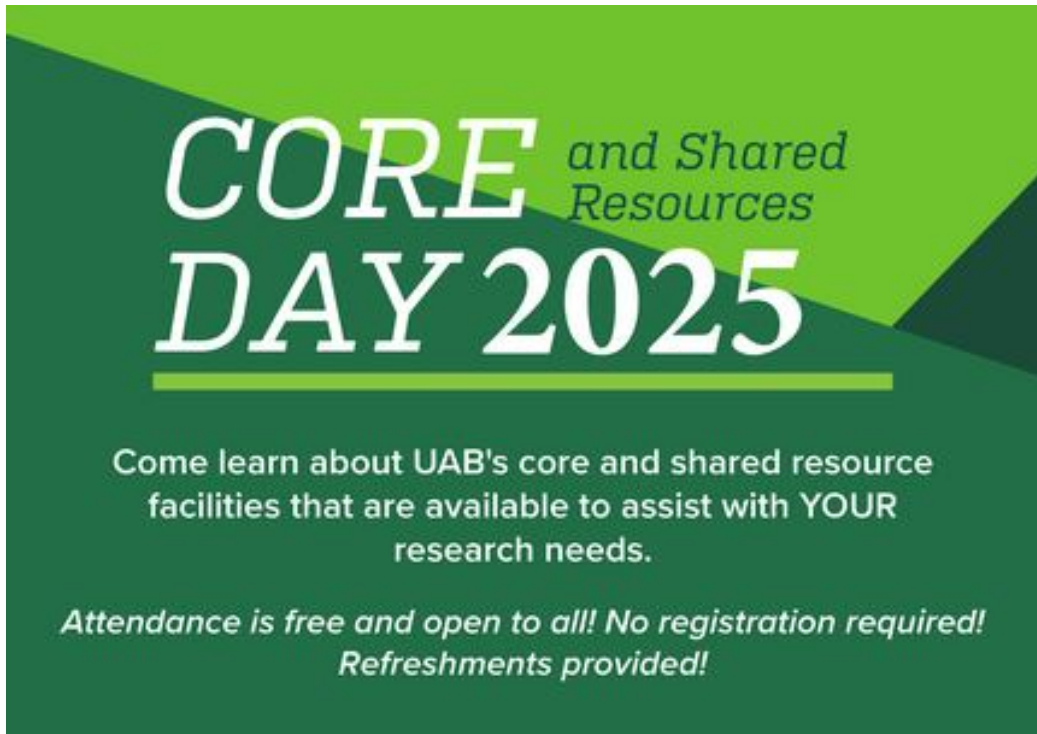
Vice Chair and Director for Research, Vanderbilt Eye Institute

Director, Vanderbilt Vision Research Center

Denis M. O'Day Professor of Ophthalmology and Visual Sciences

[Registration Closes: Friday November 1, 2024](#)

Core and Shared Resource Day 2025



The Council of Center Administrators is pleased to announce that Core and Shared Resources Day will be held on **Tuesday, January 7, 2025 from 2:00-4:00pm** in the UAB Hospital West Pavilion Atrium.

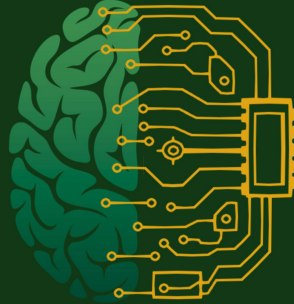
During Core Day, shared resource providers will display posters and provide information to campus users. COCA encourages those interested in learning more about Cores and shared resources available on campus to attend. Light refreshments will be served.

Cores and shared resource providers can register and reserve a poster display easel by [completing the survey](#) and uploading their poster. Registration is open now through December 20, 2024.

NeuroGateways Symposium 2025

Save the Date!

April 10–11, 2025
Birmingham, AL



3rd annual
NEUROGATEWAYS
symposium

Presentations from national and local experts in
neuroengineering and neurotechnology

Hosted by
**THE CENTER FOR NEUROENGINEERING AND
BRAIN-COMPUTER INTERFACES**



NeuroGateways.com



The symposium will bring together UAB and external experts, including academic scientists, clinicians, and industry, to discuss the latest discoveries, clinical applications, and business opportunities in neuroengineering and neurotechnology. [Read More.](#)

2025 Simpson-Ramsey Neurodevelopment
Symposium

SAVE THE DATE

4

1

7

25

SIMPSON-RAMSEY
NEURODEVELOPMENT
SYMPOSIUM

April 17, 2025
BRADLEY LECTURE CENTER
TENTATIVE TIME 8:30-4:30

MORE DETAILS TO FOLLOW AT:
[HTTPS://SITES.UAB.EDU/CEDD/EVENTS/ANNUAL-SYMPOSIUM/](https://sites.uab.edu/cedd/events/annual-symposium/)
HOSTED BY THE CENTER FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES AT UAB WITH SUPPORT FROM
CIVITAN INTERNATIONAL RESEARCH CENTER AND UAB DEVELOPMENTAL-BEHAVIORAL PEDIATRICS

NEURAL Conference 2025

11th Annual NEURAL Conference 2025



National Enhancement of Underrepresented Academic Leaders
June 11-13, 2025 at the University of Alabama at Birmingham

Happening This Month

November 1 at 9 a.m.

Neuroscience Works-In-Progress- Zachary T. Irwin, Assistant Professor
SHEL 1015

November 5 at 8 am

[Neurology Grand Rounds - John Rinker, MD](#)

West Pavilion, Conference Center E

November 7 at 1:30 p.m.

[Neurobiology Seminar Series- Adam Carter - New York University](#)

BBRB, 170

November 8 at 9 a.m.

Neuroscience Works-In-Progress- McKayla Kurtz, T32 Trainee
SHEL 1015

November 8 at Noon

[ICAR Seminar Series with Dr. Jerri Edwards](#)

West Pavilion, Conference Center B

November 12 at 8 am

[Neurology Grand Rounds - Josef Parvizi, MD, PhD](#)

West Pavilion, Conference Center E

November 14 at Noon

[AMWA: Multi-site Collaboration Study of Scholarly Achievements in Academic Neurology Faculty](#)

Virtual Event

November 14 at 1:30 p.m.

[Neurobiology Seminar Series- Robert Hunt -UC Irvine](#)

BBRB, 170

November 15 at 9 a.m.

Neuroscience Works-In-Progress- Rodrigo Campos-Cardoso,

Postdoctoral Fellow
SHEL 1015

November 21 at 1:30 p.m.

[Neurobiology Seminar Series- Jamie Maguire-Tufts University](#)
BBRB, 170

November 22 at 9 a.m.

Neuroscience Works-In-Progress- Yun Lien, Graduate Research
Assistant
SHEL 1015

Official titles of Seminars will be included in Weekly Updates!

Have an event to share?

Tag the CNC on the UAB Calendar Event or email cnc@uab.edu

UAB News



Fall 2024 Endowed Chairs and Professorships announced

The Heersink School of Medicine honored the achievements of eight esteemed faculty members during the Fall 2024 Endowed Chairs and Professorships Reception, held Tuesday, Oct. 29.



Sun wins a highly competitive, five-year NIH Director's Pioneer award

The National Institute on Drug Abuse award is designed to stimulate innovation and potentially transformative research from early stage investigators.



“NUDC is critical for rod photoreceptor function, maintenance, and survival” published in The FASEB Journal

A study led by Alecia K. Gross, Ph.D., professor and vice chair for Research and Research Infrastructure in the Department of Neurobiology, was published in the Federation of American Societies for Experimental Biology (FASEB) Journal for the paper “NUDC is critical for rod photoreceptor function, maintenance, and survival.”



UAB’s Research MRI Core specializes in insights into the brain and body

From a 3 Tesla PET/MR to a 0.55 Tesla Freemax, this core facility offers research tools that are crucial to UAB’s neuroscience studies and more, as well as expert advice on the best protocols to use for individual experiments.



Neuroengineering student launches startup after entrepreneurship training from NIH

Christian Lopez Blanco, a doctoral student in UAB’s neuroengineering program, pitched his idea to industry leaders at the BIO convention in San Diego as part of the Bio-Entrepreneurship Capstone program organized by the National Institutes of Health.



[Neuroscience 2024 On Demand!](#)

All registrants have access to the virtual platform until November 10, 2024.



[Applications for the 2025 ECPA Program Is Now Open](#)



[Blood Pressure Drop Linked to Cognitive Decline in Older Women](#)

NIH News



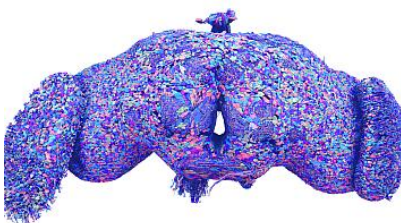
[Can we slow aging?](#)

Aging is a leading cause of disease and disability.



[Alzheimer's disease may damage the brain in two phases](#)

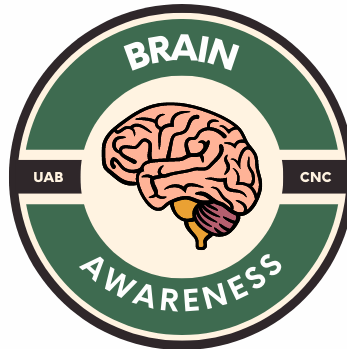
NIH-funded brain mapping study uncovers which cell types may be harmed first.



[Mapping Neural Connections](#)

The first complete map of the fruit fly brain will help us understand larger brains.

Get Involved



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

We have several outreach opportunities for you to get involved!

To join the CNC Brain Awareness (Outreach) Listserv, Click [Here](#). Complete the registration form and select CNC Brain Awareness (Outreach) Listserv at the bottom.

You can also check <https://www.brainawarenessuab.com/brain-awareness/upcoming-events-volunteer-opportunities> for upcoming events and volunteer opportunities!

Join us for November Brain Snacks!

IMAGINING THE FUTURE OF
BRAIN TECHNOLOGIES



How might future brain technologies change our society?

NOVEMBER 2: 11AM - 12PM

Avondale Public Library
509 40th St S, Birmingham, AL 35222



BRAIN
CHATS

UAB
COMPREHENSIVE
NEUROSCIENCE
CENTER

Additional Links

[CNC Website](#)

[CNC Neuroscience Research Pillars](#)

[Join CNC Listserv](#)

[Previous CNC Newsletters](#)

[UAB CNC Brain Awareness](#)

[UAB Research News](#)

[UAB Heersink School of Medicine News](#)

[Society for Neuroscience \(SfN\)](#)

[National Institutes of Health \(NIH\)](#)



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