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## Comprehensive Neuroscience Center December 2024 Newsletter

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From Heersink School of Medicine <somcomm@reach.uab.edu>

Date Mon 2024-12-02 08:10

To CNC <cnc@uab.edu>

Web Version



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Comprehensive Neuroscience Center

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## Latest Stories

Brain Trust - How UAB changed the game in neuroscience research recruitment



New facilities, state-of-the-art equipment and a collaborative atmosphere have drawn high-profile investigators and young scientists alike. In this [UAB Magazine feature](#), five new faculty recruits explain their work and why they came to Birmingham.

[Read More](#)

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## Award & Workshop Opportunities

### 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.](#)

### 2025-2026 Faculty Development Grant Program (FDGP)

The UAB Faculty Development Grant Program provides seed money for research, scholarship and creative activities in a faculty member’s discipline by providing funds to undertake new efforts for which money is not generally available. Funding enables faculty to develop manuscripts, publications, presentations, grant applications, future research initiatives, creative works, scholarly activity and new skills to enhance peer recognition outside of UAB. Deadline for submissions is **December 20**. [Read More.](#)

### 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 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](#).

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## Save the Dates

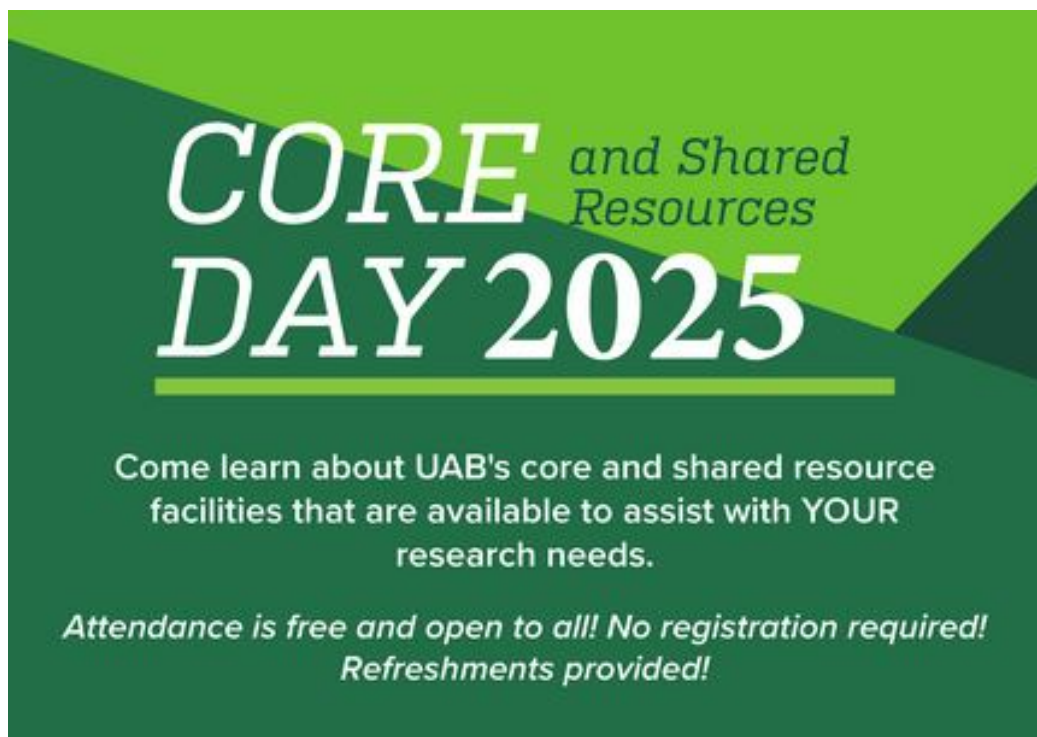
2025 Marchase Lecture & Award Event



On **Tuesday, January 7, 2025 at Noon** the 2025 Marchase Lecture and Award will take place in Margaret Cameron Spain Auditorium. The Speaker will be Dr. Etta Pisano, Sr. Portfolio Lead, ARPAH Advancing Clinical Trials Readiness Initiative.

[Submit RSVP](#) (Box Lunch served at 11:30 AM)

## 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. (After the Marchase Lecture).

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

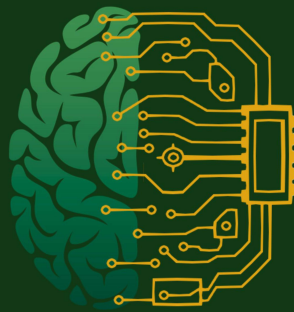
poster display easel by [completing the survey](#) and uploading their poster. Registration is open now through **December 20, 2024**.

## NeuroGateways Symposium 2025

# Save the Date!

April 10–11, 2025

Birmingham, AL



3<sup>rd</sup> 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

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## Happening This Month

December 3 at 8 am

[Neurology Grand Rounds - Steven Greenberg, MD, PhD](#)

West Pavilion, Conference Center E

December 4 at Noon

[UAB Nathan Shock Center Seminar with Jill Daniel](#)

Learning Resource Center, 215/219

December 5 at 1:30 p.m.

[Neurobiology Seminar Series- Avishek Adhikari- US Los Angeles](#)

BBRB, 170

December 6 at 9 a.m.

Neuroscience Works-In-Progress- RCR Ethics Discussion

SHEL 1015

December 6 at Noon

VSRC Visiting Scholars Program - Benjamin Sivyer, PhD

HPB 202 and [Zoom](#)

[If you are planning to attend in person, please RSVP to Nakia Lee by Thursday, Dec 5 at [nakialee@uab.edu](mailto:nakialee@uab.edu).]

December 7 at 11 a.m.

Brain Chats (see flyer below in CNC Brain Awareness)

Avondale Library

December 10 at 8 am

[Neurology Grand Rounds - Natividad Stover, MD](#)

West Pavilion, Conference Center E

December 10 at 9 am

CDIB Faculty Candidate: Paolo Forni, PhD- Associate Professor, Dept of Biological Sciences- The RNA Institute, University at Albany

THT 740

December 12 at 1:30 p.m.

Neurobiology Seminar Series-Natale Sciolinov- University of Connecticut

BBRB, 170

December 13 at 9 a.m.

Neuroscience Works-In-Progress- McKenna Somerville, Graduate Research Assistant

SHEL 1015

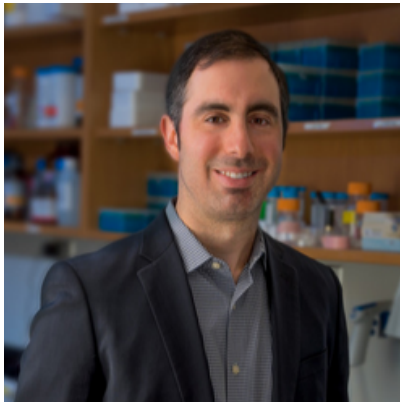
**Official titles of Seminars will be included in Weekly Updates!**

Have an event to share?

Tag the CNC on the UAB Calendar Event or email [cnc@uab.edu](mailto:cnc@uab.edu)

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## UAB News



**Human proteins identified that explain inter-individual differences in functional brain connectivity**

This is a step toward an understanding of the brain that ultimately describes the mechanistic basis of human cognition and behavior.



**New UAB clinical trial explores an innovative method to slow nearsightedness in children**

Safal Khanal will use the grant to lead a clinical trial to investigate the efficacy of a new myopia treatment option.





**UAB professor receives prestigious national lifetime achievement award for fostering values of mentoring**

Steven Austad, Ph.D., has been awarded the inaugural George M. Martin Lifetime Achievement in Mentoring Award by the American Federation for Aging Research.

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## SfN News



December 4, 1 p.m. EST  
[Meet-the-Expert webinar with Robert C. Froemke: Love, Death, and Oxytocin](#)



December 12, noon EST  
[SfN-FENS webinar: Connectomes: Neural Networks and How They Change in Psychiatric Disorders and Addictions](#)



[ICYMI: New Trial Sheds Light on Potential At-Home Depression Treatment](#)

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## NIH News



### **NIH-led scientific team defines elements of brain-based visual impairment in children**

Research needed to establish best diagnostic and management strategies for increasingly common condition.



### **Alcohol and the Holidays**

Before you celebrate the season, have a plan.

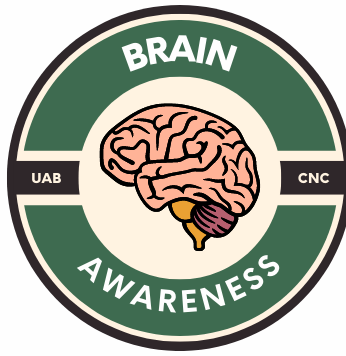


### **Sugar Consumption**

High sugar intake early in life may increase risk of chronic diseases.

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## 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 December Brain Snacks!**

# BRAIN CHATS

ENGAGE IN CONVERSATIONS WITH NEUROSCIENTISTS FROM UAB!

## INFORMATION



### LOCATION

Avondale Library  
509 40th Street South  
Birmingham, AL 35222



### UPCOMING EVENTS

December 7, 2024 at 11 a.m.



### Speakers:

**Karen Gamble, PhD and  
S. Justin Thomas, PhD, DBSM, FSBSM**  
UAB Department of Psychiatry &  
Behavioral Neurobiology

**Topic: The Power of the Clock: How  
Sleep and Circadian Rhythms  
Shape Our Lives**



SCAN NOW

The UAB Comprehensive Neuroscience Center



Communicate. Educate. Collaborate. Accelerate.

## 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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