



The University of Alabama at Birmingham

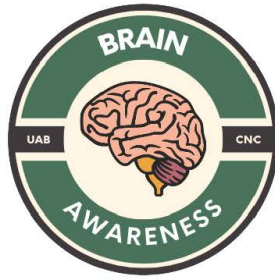
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Comprehensive Neuroscience Center

## Top Stories

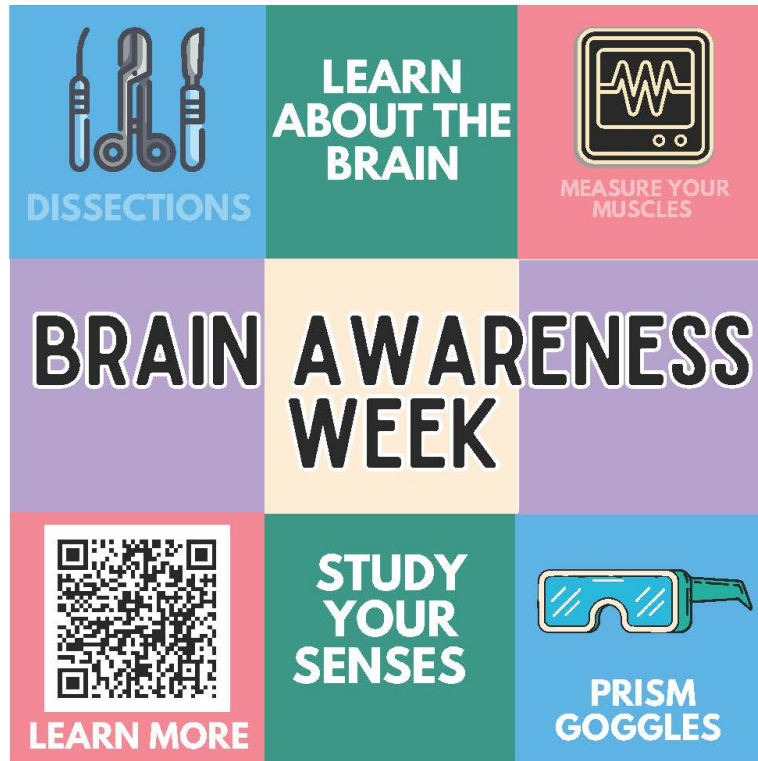
Brain Awareness Week 2025

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**MARCH  
26-29**

**JOIN UAB AT THE MCWANE SCIENCE CENTER TO  
LEARN ABOUT THE BRAIN!**



**SPONSORS**



**FUN FOR THE WHOLE FAMILY!**

**UAB**

**The University of  
Alabama at Birmingham.**

Brain Awareness Week (BAW) is the global campaign to foster public enthusiasm and support for brain science. The goal of BAW is to organize events/activities that share the wonders of the brain and the impact brain science has on our everyday lives.

Join us during #BrainAwarenessWeek at **McWane Science Center** on **March 26-29** to study your senses, measure your muscles, perform dissections and learn all about the brain!

# VOLUNTEERS NEEDED

**TRAINING**  
**MARCH**  
**19-23**

**BAW**  
**MARCH**  
**26-29**

## MCWANE CENTER

Brain Awareness Week 2025 is coming up! Scan the QR code to sign up for one of our activities. Contact [cteickst@uab.edu](mailto:cteickst@uab.edu), [ampiper@uab.edu](mailto:ampiper@uab.edu) for more information.

### Interested in Volunteering for Brain Awareness Week?

[Register through Blazer Pulse](#)

All volunteers will then attend a required two-hour training session where they will be shown demonstrations of all BAW 2025 activities. This training session also includes a mandatory McWane training session, so all volunteers can be oriented with McWane safety guidelines and rules. On the day of the event, volunteers will be assigned activities based on the number of volunteers that day and their interest level.

You **MUST** attend ONE training session, even if you have been previously trained and/or volunteered with BAW in the past.

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## Save the Dates

2025 Neurodevelopment Research and Care Retreat: "Building Community for Translational NDD Research"



UAB CIVITAN INTERNATIONAL RESEARCH CENTER

## **2025 Neurodevelopment research and care retreat: “Building community for translational NDD research”**

This retreat will explore the latest in neurodevelopment research and clinical care at UAB, with opportunities to connect with experts in rare disease, genetics, neonatology, cell biology, imaging, psychology, and autism. Join us for engaging presentations, discussions, and networking to help shape the future of Neurodevelopmental Disabilities (NDD) research. Don't miss this chance to collaborate with professionals and contribute to advancing research in these crucial areas.

**UAB HEERSINK**  
SCHOOL OF MEDICINE  
The University of Alabama at Birmingham

**March 7  
8:30 a.m.-5 p.m.  
Hilton Birmingham  
Downtown at UAB**



**SCAN TO  
REGISTER**

Statistical Thinking Workshop: Statistical  
Significance vs. Contextual Meaning





T32 TRAINING PROGRAM IN

**COGNITION &  
COGNITIVE DISORDERS**



# Statistical Thinking Workshop

Statistical Significance vs. Contextual Meaning

**FRIDAY, MARCH 21, 2025 // 10:00am-3:00pm**  
**UAB ALUMNI HOUSE (1301 10th Ave. S.)**

FEATURING GUEST SPEAKERS:



## **Dustin M. Long, PhD**

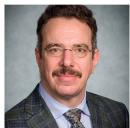
Associate Professor, Biostatistics and Data Science  
Wake Forest University



## **David Redden, PhD**

Faculty for Biomedical Affairs & Research  
VCOM Auburn Campus

UAB SPEAKERS:



## **Gerhard Helleman, PhD**

Associate Professor, UAB Department of Biostatistics  
Statistician, NINDS T32 Cognition & Cognitive Disorders



## **Chad Murchison, PhD**

Assistant Professor of Neurology & Biostatistics,  
UAB Heersink School of Medicine & School of Public Health

### LEARNING OBJECTIVES:

1. How to initiate a conversation with your statistician.
2. How to design a statistical study/experiment.
3. Which data analysis approach to use.

Lunch will be served while supplies last. Questions? Contact Dr. Farah Lubin (flubin@uab.edu) or Keri Dickens (kerid@uab.edu).

Sponsored by: UAB Department of Neurobiology NINDS T32 Training Program in Cognition & Cognitive Disorders (T32NS061788)

SCAN TO  
REGISTER:



NeuroGateways - Abstracts Due March 7

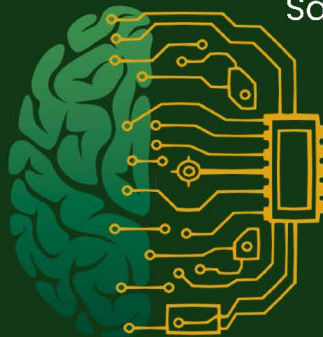
3<sup>rd</sup> annual  
**NEUROGATEWAYS**  
symposium

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

Date: April 10-11, 2025  
Location: UAB Alumni House

**Registration open now!**  
**Abstracts due 3/7**

Keynote:  
Brian Litt, MD



Keynote:  
Sameer Sheth, MD/PhD



Register at  
[NeuroGateways.com](https://NeuroGateways.com)



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

Annual CNET Retreat - Abstracts due March 10

# Annual Retreat

April 17, 2025

The UAB Center for Neurodegeneration and Experimental Therapeutics (CNET) will host its 11th Annual Retreat, open to the UAB community. Renowned speakers will be on-hand for networking and interaction opportunities.

## Seminar Sessions:

8:00 a.m. – 4:00 p.m. Breakfast and lunch will be provided

## Reception and Poster Session:

4:00 p.m. - 6:00 p.m.  
Refreshments will be provided

[Register here](#)

Haven  
2515 6th Ave S,  
Birmingham, AL 35233

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# Research Funding RFAs

## UAB Nathan Shock Center

UAB's Nathan Shock Center of Excellence in the Basic Biology of Aging announces the availability of pilot/feasibility (P/F) project awards for early stage investigators having the goal of future funding from the National Institutes of Health/National Institute on Aging (NIH/NIA). The P/F studies may focus on any area of aging research that can be supported by one or more of the [UAB Nathan Shock Center Research Cores](#), with priority given to those examining hallmarks and/or bioenergetics of aging. Basic Alzheimer's disease studies are eligible if they contain clear focus on the basic aging rather than Alzheimer's Disease specifically.

The pilot program will provide total awards of up to \$35,000. **Submission Deadline: March 31, 2025**

More Information:

<https://www.uab.edu/shockcenter/research/funding/pilot-grants>

## UAB CNBCI - Pilot Award Program

The UAB Consortium for Neuroengineering and Brain-Computer Interfaces (CNBCI) is pleased to announce a Request for Applications (RFA) for its Pilot Award Program.

The goal of this Neuroengineering Pilot Award Program is to provide funding to early-stage faculty who study the function of neural circuits using techniques such as neurophysiology, neuromodulation, in vivo optogenetics, fiber photometry, miniscopes, and other approaches. The funding will support high-risk early-stage ideas that have not yet received federal funding (R01 or equivalent). Through this RFA, the CNBCI aims to fund up to two Pilot Awards of \$10,000 each for one year.

Applications are welcome from early-stage UAB faculty members who are actively involved in research related to in vivo neural circuit

analysis or related neuroengineering topics. Winners will be announced at the NeuroGateways Symposium April 10-11th, 2025.

Applications should be submitted to [mbolding@uab.edu](mailto:mbolding@uab.edu) and are **due by Friday, April 4th, 2025 at 5 pm CT**. Include "CNBCI Pilot Award" in the email subject line.

Applications should include the following:

- A one page research proposal in the format of an NIH Specific Aims page
- The PI's NIH style biosketch
- Include "CNBCI Pilot Award" in the email subject line.

Contact Mark Bolding at [mbolding@uab.edu](mailto:mbolding@uab.edu) for more information.

## UAB ADRC - Research Education Component Scholars program

The UAB Alzheimer's Disease Center is pleased to announce the Request for Applications for the Research Education Component (REC) Scholars program. This initiative aims to foster the development of early-stage investigators in Alzheimer's disease and related dementias (ADRD) research. Scholars will receive mentorship, access to resources, and support to advance their independent research careers. Interested candidates should have a strong commitment to ADRD research and a desire to engage in interdisciplinary and collaborative studies.

**Applications are to be submitted by April 15, 2025.** For more information or to submit an application, visit [UAB Alzheimer's REC Scholars](#).

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## Happening This Month

Tuesday, March 4, 2025 8am to 9am  
[Neurology Grand Rounds - Patricia Aguilar Calvo](#)  
West Pavilion, Conference Center E

Thursday, March 6, 2025 1pm to 5pm

International Women's Day Celebration

Hill Student Center, 318

Thursday, March 6, 2025 1:30pm to 2:30pm

Neurobiology Seminar Speaker- Alejandro Grau-Perales-Mount Sinai-Future of Neuroscience speaker

BBRB, 170

Thursday, March 6, 2025 2pm to 3pm

Glial Biology WIP

BBRB, 263

Friday, March 7, 2025 8am to 3:45pm

2025 Neurodevelopment Research and Care Retreat: "Building Community for Translational NDD Research"

Hilton Birmingham at UAB

Tuesday, March 11, 2025 8am to 9am

Neurology Grand Rounds - Jamie Bice

West Pavilion, Conference Center E

Wednesday, March 12, 2025 4pm to 5pm

UAB Human Neuroscience & Neuroengineering Colloquium

CIRC Room 120 or Zoom (ID: 879 7271 6343) Password: 045647

Friday, March 14, 2025 9am to 10am

Neuroscience Works-In-Progress- Zephyr Desa, Graduate Student Trainee

SHEL 1015

Friday, March 14, 2025 12pm to 1pm

ICAR Seminar Series with Dr. Jenny Marwitz

West Pavilion, Conference Center, Room A

Tuesday, March 18, 2025 8am to 9am

Neurology Grand Rounds - Alinea Esensoy

West Pavilion, Conference Center E

Wednesday, March 19, 2025 12pm to 1pm

Cell, Developmental, and Integrative Biology Seminar Series: Dr. Mike Wyss

Tinsley Harrison Tower, 740



Thursday, March 20, 2025 1:30pm to 2:30pm

[Neurobiology Seminar Series- Adriana Di Polo-University of Montreal](#)  
BBRB, 170

Friday, March 21, 2025 9am to 10am

[Neuroscience Works-In-Progress- Sierra Miller, PhD, Postdoc Fellow](#)  
SHEL 1015

Friday, March 21, 2025 10am to 3pm

Statistical Thinking Workshop: Statistical Significance vs. Contextual  
Meaning  
UAB Alumni House

Wednesday, March 26, 2025 4pm to 5pm

UAB Human Neuroscience & Neuroengineering Colloquium  
CIRC Room 120 or Zoom (ID: 879 7271 6343) Password: 045647

Thursday, March 27, 2025 1:30pm to 2:30pm

[Neurobiology Seminar Series- Erin Calipari- Vanderbilt University](#)  
BBRB, 170

Friday, March 28, 2025 9am to 10am

[Neuroscience Works-In-Progress- Margareth De Brito Nogueira](#)  
[Lima, PhD- Postdoc Fellow](#)  
SHEL 1015

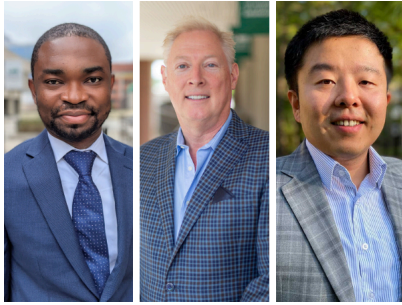
**Official titles of Seminars will be included in Weekly Updates!**

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



### **Unveiling the mysteries of Alzheimer's**

At the UAB School of Optometry, a trio of vision scientists is making waves in the field of Alzheimer's disease (AD) research. Their groundbreaking work is not only pushing the boundaries of science but also offering hope to millions affected by this relentless condition.



### **Robel receives Landis Award for Outstanding Mentorship from National Institute of Neurological Disorders and Stroke**

Dr. Stefanie Robel, associate professor in the UAB Department of Cell, Developmental and Integrative Biology (CDIB), is a recipient of the Landis Award for Outstanding Mentorship 2024.



### **5 things you need to know about politics and institutional neutrality at UAB**

As members of a dynamic public institution of higher education and an academic medical center, the UAB and UAB Medicine community have a responsibility to be mindful of political speech and activity.

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## **SfN News**



### **Advocacy Response to Recent Actions by the U.S. Administration**

Stay informed and take action on issues that impact neuroscience.



### **2025 Awards and Prizes**

The 2025 Call for Nominations opens Monday, March 24.



### **Upcoming Webinar: March 5** **1:00 PM - 2:00 PM EST**

Beth Stevens, PhD

Bridging Genes and Biology:  
Exploring Neuroimmune  
Mechanisms Behind Synapse  
Loss and Dysfunction

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## **NIH News**



### **Impact of NIH Research**

NIH-supported research has had a major positive impact on nearly all of our lives.



### **Working Out to Stay Sharp**

You probably know that exercise is good for your physical health. Now learn what researchers are finding about how exercise may also improve our brain health.

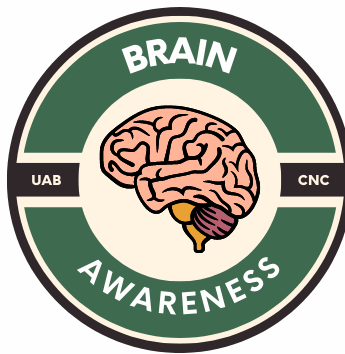


### **NIH to lead implementation of National Plan to End Parkinson's Act**

Open call for participants to serve on Parkinson's Advisory Council.

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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!

**Volunteer for Brain Awareness Week 2025!**

## SPONSORS



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Visit <https://www.brainawarenessuab.com/uab-brain-awareness-week/about-uab-baw> to learn more about Brain Awareness Week!

## 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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<https://www.uab.edu/medicine/cnc/>  
205.975.1066 | [cnc@uab.edu](mailto:cnc@uab.edu)

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