
Comprehensive Neuroscience Center January 2025 Newsletter

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

Date Fri 2025-01-03 07:57

To CNC <cnc@uab.edu>

Web Version



Comprehensive Neuroscience Center

Latest Stories



As we welcome the new year, the CNC would like to express our sincere gratitude for your continued support and collaboration. May 2025 bring you new opportunities, growth, and success in all your endeavors. We look forward to another year of sharing

achievements and creating even more milestones.

Heersink School of Medicine State of the School



Join Anupam Agarwal, M.D., senior vice president for Medicine and dean of the Heersink School of Medicine, for the annual State of the School address. The address will be held in person and through live stream. A link will be emailed the day of the event to those who have registered. In-person setting is limited.

Location: Margaret Cameron Spain Auditorium, 620 19th Street South, Birmingham, AL 35294

Register: <https://events.uab.edu/en/6g1Y8if7/heersink-school-of-medicine-state-of-the-school-5a2ePZ1Zv65/overview>

Save the Dates

Rehabilitation Psychology Mid-Year Conference



The 27th Annual Rehabilitation Psychology Conference (RP2025) will be held February 20-23, 2025 in Louisville, KY. The theme of RP2025 is "Smart Technology x Disability: Impact and Implications for Service, Advocacy, Science, and Policy." [Register Today](#).

[Gitendra Uswatte](#), PhD, Professor, Departments of Psychology & Physical Therapy at UAB has been selected to give the Leonard Diller Distinguished Lecture on Contributions to Neurorehabilitation, which is an honorary, plenary talk at this meeting. Dr. Uswatte plans to highlight the new approach to cognitive rehabilitation that his lab has developed in collaboration with Karlene Ball. To date, this new approach shows promise for improving performance of everyday cognitive activities, including work, in adults with stroke and Long COVID.

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

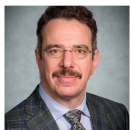
Associate Professor, Biostatistics and Data Science
Wake Forest University



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:**



For more information (including the agenda, which will be posted soon) please visit the website:

<https://www.uab.edu/medicine/neurobiology/education/t32-training-program-in-cognition-cognitive-disorders>. Please register for the workshop [here](#).

NeuroGateways Symposium 2025

Save the Date!

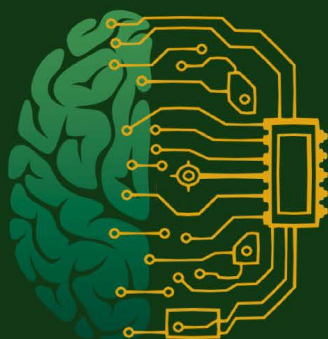
April 10–11, 2025

Birmingham, AL

3rd annual

NEUROGATEWAYS symposium

Keynote:
Brian Litt,
MD



Keynote:
Sameer Sheth,
MD, PhD



Presentations from national and local experts in
neuroengineering and neurotechnology

Hosted by

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



NeuroGateways.com

Registration opens in January
Abstracts due in March



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

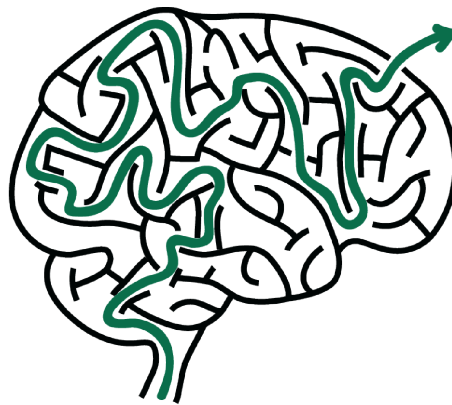
April 17, 2025
BRADLEY LECTURE CENTER
TENTATIVE TIME 8:30-4:30

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

Saturday, January 4, 2025 11am to Noon
Brain Chats (see flyer below in CNC Brain Awareness)
Avondale Library

Tuesday, January 7, 2025 8am to 9am
[Neurology Grand Rounds - Thomas Head, MD](#)
West Pavilion, Conference Center E

Tuesday, January 7, 2025 12pm to 1pm
[ADRC Seminar Series: Dr. Lindsay Rizzardi](#)
Callahan Eye Hospital, EFH 554 Conference Room

Tuesday, January 7, 2025 12pm to 2pm
[Marchase Interdisciplinary Research Lecture and Award](#)
Margaret Cameron Spain Auditorium

Tuesday, January 7, 2025 2pm to 4pm
[Core and Shared Resource Day](#)
West Pavilion, 1st floor

Thursday, January 9, 2025 1:30pm to 2:30pm
[Neurobiology Seminar Series- Bitu Moghaddam, Oregon Health & Science University](#)
BBRB, 170

Friday, January 10, 2025 9am to 10am
[Neuroscience Works-In-Progress- Rohit Dakal, PhD, Postdoc Fellow](#)
SHEL 1015

Tuesday, January 14, 2025 8am to 9am
[Neurology Grand Rounds - Albert Amran, MD](#)
West Pavilion, Conference Center E

Thursday, January 16, 2025 1:30pm to 2:30pm
[Neurobiology Seminar Series- Alex Kwan, Cornell University \(Postdoc-selected speaker\)](#)
BBRB, 170

Friday, January 17, 2025 9am to 10am

[Neuroscience Works-In-Progress- Ryan G Strickland, Graduate Research Assistant](#)

SHEL 1015

Friday, January 17, 2025 11:30am to 1pm

[2025 Martin Luther King, Jr. Commemoration](#)

Margaret Cameron Spain Auditorium

Thursday, January 23, 2025 1:30pm to 2:30pm

[Neurobiology Seminar Series- Serena Dudek, The National Institute of Environmental Health Sciences](#)

BBRB, 170

Friday, January 24, 2025 9am to 10am

[Neuroscience Works-In-Progress- Scott Cruikshank, PhD, Assistant Professor](#)

SHEL 1015

Wednesday, January 29, 2025 12pm to 1pm

[Heersink School of Medicine State of the School](#)

Margaret Cameron Spain Auditorium

Wednesday, January 29, 2025 12pm to 1pm

[UAB Nathan Shock Center Seminar with Robert Mankowski](#)

Learning Resource Center, 215/219

Thursday, January 30, 2025 1:30pm to 2:30pm

[Neurobiology Seminar Series- Maya Opendak, Kennedy Krieger and Johns Hopkins](#)

BBRB, 170

Friday, January 31, 2025 9am to 10am

[Neuroscience Works-In-Progress- Camerron Crowder, PhD, Assistant Professor](#)

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



NARSAD award will allow rare glimpse into the neural mechanisms of depression

Rachel Smith, Ph.D., is collaborating with researchers across UAB on the two-year project, which will focus on the intracranial neural networks responsible for major depressive symptoms in epilepsy patients.



\$3.69 million NIH grant to advance healthy aging research awarded to UAB

Liou Sun's research group will seek to understand how ceramides and growth hormone signaling contribute to healthier aging, providing meaningful insights to develop innovative therapies for age-related diseases.



Active Mind continues landmark dementia prevention research with NIH award

Jerri Edwards, Ph.D., professor in the Department of Psychiatry and Behavioral Neurobiology, is continuing work on a \$24 million grant from the National Institutes of Health (NIH) National Institute on Aging for her study, Active Mind: An adaptive clinical trial of cognitive training to improve function and delay dementia.

SfN News



Early Career Policy Ambassador
[Applications](#) close Monday,
January 6.



SfN, Kavli Foundation Launch
[Webinar Series on Neurobiology
and Changing Ecosystems](#)



[Call for Proposals](#)
Submissions are due January
22, 2025, 5 p.m. EST.

NIH News



Brain structure differences are associated with early use of substances among adolescents

Many differences appeared to exist prior to any substance use, pointing to the role brain structure may play in substance use risk, NIH-supported study suggests.



Behavioral intervention decreases how much pain affects daily activities in people with dialysis- dependent kidney failure

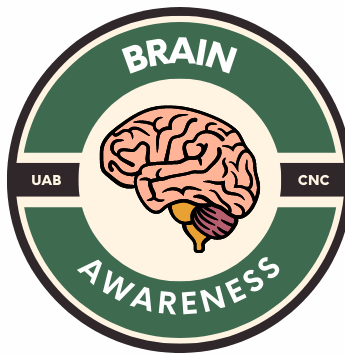
NIH-funded study shows benefits of pain coping skills training in population with limited pain treatment options.



Aging may change some brain cells more than others

NIH-funded mouse study provides roadmap for how aging may alter brain cell genetic activity.

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 January Brain Snacks!

BRAIN CHATS

 **ENGAGE IN
CONVERSATIONS WITH
NEUROSCIENTISTS
FROM UAB!**

INFORMATION



LOCATION

Avondale Library
509 40th Street South
Birmingham, AL 35222



UPCOMING EVENTS

January 4, 2024 at 11 a.m.



Speaker: Keith McGregor, PhD
Director of Research, Associate
Professor, Department of Clinical and
Diagnostic Sciences



Topic: Move Your Body and Change
Your Brain: Your Exercise Journey

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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