



The University of Alabama at Birmingham

Comprehensive Neuroscience Center

Latest Stories



CNC 2023 Retreat-Registration Open Now

Join us for the annual Comprehensive Neuroscience Center (CNC) retreat, to be held in person on September 13-14, 2023 at The Valley Hotel in Homewood, AL.

Our Keynote Speakers will be Marina Picciotto, PhD, Yale University and James Surmeier, PhD, Northwestern University.

In addition to two external keynote speakers, the two-day retreat agenda will include research presentations from UAB faculty and trainees, a poster session, trainee presentation awards and prizes, and updates on CNC programs and activities.

[Register Now](#)

Registration Deadline: September 1
Abstract Deadline: August 25

[View 2023 Program](#)

Funding Opportunities

[2023 Pilot Awards](#)

The goal of the CNC Pilot Award Program is to support current UAB scientists in obtaining extramural funding for neuroscience research projects. Soon, awards applications will be considered in the Independent (Single- PI) and Collaborative (Multi-PI) categories.

Application due date: August 25, 2023

Award Start Date: September 12, 2023

Award Level: Up to \$25,000 (Single PI) or \$50,000 (Multi-PI) for a 1 year support period

Once accepting applications, please submit via [RED-ASSIST](#)

[McKnight Clinical Translational Research Scholarship in Cognitive Aging and Age-Related Memory Loss](#)

The application window will open on June 1, 2023 and close on September 14, 2023

[Integrative Center for Aging Research Pilot Funding Program](#)

The Integrative Center for Aging Research is soliciting pilot project research proposals on any topic related to aging — from basic biology to translational, clinical and community-based research as well as interventions to promote function and independence for older adults. Awards up to \$25,000 are available, with pilot projects from early-stage investigators prioritized. Applications are due Aug. 25; more details and past awardees are online.

[View more opportunities](#) →

Academics

[Virtual Interactive Brain Atlas \(VIBA\) Study Tool](#)

VIBA is an online study tool with over 1500+ slides that can be operative/navigated interactively. The VIBA study tool consists of images of plastinated brain sections, including whole brain, midsagittal, coronal, and horizontal brain sections. Another feature/component of VIBA includes an MRI mode allowing students to navigate back and forth from plastinated brain sections to imaging. In addition, to review, students will have access to over 500 practice problems. Lastly, an Anki deck will be available for students in the VIBA One-Drive Resource Folder.

Important Note: The VIBA study tool must be downloaded from One-Drive in order to be navigated quickly/efficiently (File>Save As>Download a Copy). If you do not complete this step, then you will experience lags and slowed/delayed navigation features!

Downloading instructions can also be found in the VIBA One-Drive Resource Folder.

Contact: Please reach out to H. Caroline Davies (email: hcd362@uab.edu) or Dr. Inga Kadisha (ikadisha@uab.edu) if you have any questions/concerns or technical difficulties with the VIBA study tool.



[Virtual Anatomy Lab Website](#)

UAB's Virtual Anatomy Lab website is now available. The Virtual Anatomy Lab compiles both UAB and outside anatomy resources to provide students with one concise location to access anatomy-related content. With anatomy being a core pillar in professional school education, we aim for this new website to help students continue to grow their knowledge of anatomy as well as be able to access a variety of sources that will cater to each student's unique learning styles. The website will continue to be developed/improved over time.

Important note: A useful feature included within the website for students/faculty seeking neuroanatomy resources is the Brain Lab section of the website. This section consists of compiled neuroanatomy resources and videos created by Dr. Robin Lester and Dr. Inga Kadisha that review various brain regions.

Contact: Please reach out to H. Caroline Davies (email: hcd362@uab.edu) if you have any questions/concerns or technical difficulties with the Virtual Anatomy Lab website.

Happening This Month

["What Is a Physician Scientist" Panel](#)

Tuesday, August 8

12:00 pm

Volker Hall, Lecture Room E

[2023 Legacy Family Day](#)

Sunday, August 13

3 pm- 5pm

Campus Green

[Ribbon Cutting: East and South Science Halls](#)

Thursday, August 17

9 am

Mervyn Sterne Library, Plaza

[Neurobiology Seminar Series: Vishnu Cuddapah, MD, PhD, Children's Hospital of Philadelphia](#)

Thursday, August 17

1:30 pm

Bevill Biomedical Sciences, 170

[View more department events](#) →

In The News



Ravichandran awarded \$50,000 fellowship

Swetha Ravichandran, a Vision Science Graduate Program student, has received a two-year fellowship from Alzheimer's of Central Alabama that will let her focus on finding ocular biomarkers of preclinical neurological conditions.

[Read More](#)



UAB Department of Pathology receives more than \$15 million in R01 funding

This funding will be used to research multiple health conditions, including alcohol-related liver disease, Alzheimer's disease, breast cancer, heart failure, inflammatory bowel disease and Zhu-Tokita-Takenouchi-Kim syndrome.

[Read More](#)



Grant fuels precision research in epilepsy

Rachel June Smith, Ph.D., assistant professor in the Department of Electrical and Computer Engineering, was one of three young faculty nationwide to receive a \$50,000 award from the American Epilepsy Society. Smith is developing a novel algorithm to guide stimulation of seizures in patients.

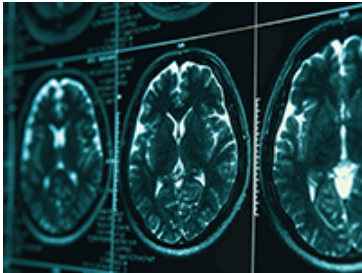
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UAB researchers use simulator to assess return to driving after traumatic brain injury

UAB researchers aim to look at the value of using a driving simulator to predict on-road driving performance after TBI.

[Read More](#)

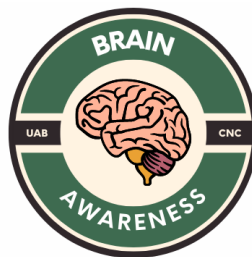


UAB expert explains how new FDA-approved drug ushers in a new era of Alzheimer's treatment

UAB was involved in clinical trials that led to an accelerated approval of the drug lecanemab, commercially known as Leqembi, in January 2023. A UAB Alzheimer's expert discusses the therapy and what full approval means for the AD field.

[Read More](#)

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!

Join the new CNC Brain Awareness (Outreach) Listserv to receive the latest information on upcoming volunteer opportunities and outreach

events.

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

[Join CNC Brain Awareness Listserv](#)

If you have an upcoming brain awareness opportunity, please let the CNC the following:

What's the opportunity

When is it (date, time)?

Where is it?

How long do you need volunteers for?

What expertise should volunteers have?

Who should volunteers contact? (email? Phone?)?

Email cnc@uab.edu with event details.

Additional Links

[CNC Website](#)

[CNC Neuroscience Research Pillars](#)

[Join CNC Listserv](#)

[Previous CNC Newsletters](#)

[UAB CNC Brain Awareness](#)

[UAB Research News](#)



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