2024 CNC Retreat

We are excited to announce our 2024 CNC Retreat Keynote Speakers, Drs. Ishmail Abdus-Saboor and Paul Kenny!

Ishmail Abdus-Saboor, PhD is an Associate Professor and HHMI Freeman Hrabowski Scholar of Biological Sciences and Principal Investigator at Columbia's Zuckerman Institute at Columbia University.

Paul Kenny, PhD is the Ward-Coleman Professor and Chair of the Nash Family Department of Neuroscience at the Icahn Schools of Medicine at Mount Sinai in New York. Dr. Kenny also serves as Director of the Drug Discovery Institute at Mount Sinai.

Mark your calendar to join us on September 5-6, 2024 at Lake Guntersville State Park Lodge and Convention Center in
NEURAL Conference 2024

June 12-14, 2024
at the University of Alabama at Birmingham

This scientific conference is designed to enhance engagement and retention of graduate trainees historically underrepresented in neuroscience.

Reasons why NEURAL is an amazing opportunity:
• FREE REGISTRATION
• PRIZES for best presentations
• Renowned keynote speakers
• Networking & professional development

Abstract submission deadline is May 7.

Scan the QR code to learn more and register!
Questions? Please contact roadmap@uab.edu.

Student Spotlights

Two UAB students selected as Goldwater Scholars 2024
Two University of Alabama at Birmingham College of Arts and Sciences students, Karim Mikhail and Molly Reynolds, have been selected for the national Goldwater Scholarship, the most prestigious math and science award for undergraduate students.

Mikhail, from Hoover, Alabama, is double majoring in neuroscience and philosophy and is a member of the Early Medical School Acceptance Program. Mikhail works in the lab of Erik Roberson, M.D., Ph.D., professor of neurology in the Marnix E. Heersink School of Medicine, which develops therapeutics including protein-replacement gene therapy that is being translated for use in frontotemporal dementia.

Reynolds, from Indian Springs, Alabama, is pursuing a Bachelor of Science degree in neuroscience and an accelerated Master of Science degree in multidisciplinary biomedical sciences with a concentration in neuroscience. Reynolds has worked in the lab of HaoSheng Sun, Ph.D., assistant professor in the Department of Cell, Developmental and Integrative Biology, since her freshman year, researching electrical synapses and how they are regulated and dysregulated in neurodevelopment.

SfN- Advocating for Neuroscience

Meet the Early Career Policy Ambassador: Anastasiia Gryshyna
Anastasiia Gryshyna (she/her/hers) is a doctoral student at the University of Alabama at Birmingham (UAB).

She received her master’s degree in nanotechnology at the University of Central Florida and became fascinated with neuroscience and techniques that can be used to study our brain. Her current interests are in basic science and pelvic pain.

Happening This Month

Honoring Asian American Pacific Islander Heritage Month 2024

May 1 at 11 a.m.- 2 p.m.
Employee and Provider Appreciation Picnic 2024
West Pavilion atrium, 11 a.m.-2 p.m.

May 3 at 9 a.m.
Neuroscience WIPs- Anna Schreiber, PhD
SHEL 1015

May 7 at 8 a.m.
Neurology Grand Rounds - Matt Goldberg, PhD
West Pavilion, Conference Center E

May 8 at 4 p.m.- 6 p.m.
Heersink School of Medicine: AAPI Heritage Month Celebration
Wallace Tumor Institute, Lobby

May 9 at 11 a.m.
Microbiology Department Faculty Candidate Seminar: Dr. Alexandra Deaconescu
Virtual Event

May 9 at 1:30 p.m.
Department of Neurobiology Title IX Seminar
Bevill Biomedical Sciences, 170

May 10 at 9 a.m.
Neuroscience WIPs- Camerron Crowder, PhD
SHEL 1015
May 14 at 8 a.m.
Neurology Grand Rounds - Annual Whitaker Lecture
West Pavilion, Conference Center E

May 17 at 9 a.m.
Neuroscience WIPs- Swetha Ravichandran, Grad Student
SHEL 1015

May 18 at 8 a.m.- 11 a.m.
Blazer Bolt for Brain Cancer 5k and Fun Run
Railroad Park

May 20 at 7:30- 9:30 a.m.
2024 Clinical Trials Day
Wallace Tumor Institute, Lobby

May 21 at 8:00 a.m.
Neurology Grand Rounds - Senior Neurology Resident Presentation
West Pavilion, Conference Center E

May 23 at 3:30 p.m.
John Volanakis Immunology Lecture featuring Dr. Marion Pepper
Bevill Biomedical Sciences, 170

May 24 at 9 a.m.
Neuroscience WIPs- RCR Ethics Case Discussion
SHEL 1015

May 28 at 8 a.m.
Neurology Grand Rounds - Victor Del Bene, PhD
West Pavilion, Conference Center E

May 28 at Noon
Loris and David Rich Lecture Series in Visual Science
Callahan Eye Hospital, Smith Education Center, Suite 300

May 31 at 9 a.m.
Neuroscience WIPs- Carine Lampert, PhD
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 opens Brain Aging and Memory Hub to address cognitive brain health and memory disorders in Alabama

The new Brain Aging and Memory Hub will house the UAB Divisions of Neuropsychology and Cognitive and Behavioral Neurology, as well as the Alzheimer’s Disease Center and the Evelyn F. McKnight Brain Institute.

Galli, Carter awarded $2.7 million to study microbiome’s impact on amphetamine misuse

UAB Division of Gastrointestinal Surgery Distinguished Professor in the Heersink School of Medicine Aurelio Galli, Ph.D., D.Sc., and UAB Division of Surgical Oncology Assistant Professor Angela Carter, Ph.D., have been awarded $2.7 million through the National Institutes of Health (NIH).

Abdollah Mirbozorgi wins NSF CAREER Award

Abdollah Mirbozorgi, Ph.D., an assistant professor in the Department of Electrical and Computer Engineering, recently received a National Science Foundation (NSF) CAREER grant for his research into a device that could more precisely attack cancerous tumors through precision ablation.

Bentley honored at Women in Medicine and Science Promotion Reception

University of Alabama at Birmingham Department of Neurosurgery Associate Professor Nicole Bentley, M.D., was recently honored at the annual Women in Medicine and Science Promotion Reception.
SfN News

Legislators Recognize Brain Awareness Week 2024

During Brain Awareness Week (BAW) 2024 Washington, D.C. Mayor Muriel Bowser and Maryland Governor Wes Moore officially declared BAW in their jurisdictions.

Can ChatGPT Revolutionize Neuroscience Education?

Neuroscience education is transforming by integrating cutting-edge technologies such as ChatGPT into classrooms.

Abstract Submission is Now Open!

Abstracts will be accepted for presentation at Neuroscience 2024 until Tuesday, May 7, 5 p.m. EDT. Abstracts must be finalized before the submission deadline.

NIH News

Irregular sleep and late bedtimes associated with worse grades for high school students

NIH-funded study also links later bed and wake times with school conduct problems.
AI makes retinal imaging 100 times faster, compared to manual method

NIH scientists use artificial intelligence called ‘P-GAN’ to improve next-generation imaging of cells in the back of the eye.

Study reveals no causal link between neurodevelopmental disorders and acetaminophen exposure before birth

NIH-funded research in siblings finds previously reported connection is likely due to other underlying factors.

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!
SUMMER 2024
BRAND BITES
featuring
BACKYARD BRAINS
Neuroscience for Everyone!
MAY 13 AT 1 P.M.- SHEL 105
Hybrid - Zoom Link Coming Soon
Speaker: Tim Marzullo, Ph.D.
Co-Founder and Engineer of Backyard Brains

Topics:
- Bringing High School Students Directly into the Scientific Process: Electrophysiology in Plants and Academic Publication
- Best examples of science outreach

UAB COMPREHENSIVE NEUROSCIENCE CENTER
The University of Alabama at Birmingham

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)