

## Latest Stories

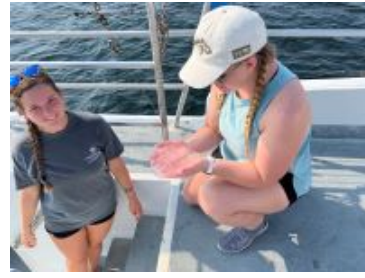
### 2024 Dauphin Island Sea Lab course



The UAB Introduction to Neurobiology course (PY792) was held at the Dauphin Island Sea Lab from July 29-Aug 16th, 2024.

The course was lead by Dr. Christianne Strang, Assistant Professor, Behavioral Neuroscience, Department of Psychology. During the course students learned the fundamental basis of neuronal communication; how to maintain a lab notebook that includes hypothesis, methods, and results; and to collect, analyze and draw conclusions from experimental data.





## 2024 Blazer BRAIN Summer Program



Blazer BRAIN is an eight-week undergraduate summer program that offers students an opportunity to conduct research and participate in an intensive professional development program as they work towards earning their Ph.D. in neuroscience.

[Read More](#)

## UAB HSOM introduces inaugural Brain PRIME cohort



Heersink School of Medicine introduced four new research focus areas in 2022. Of these focus areas, Brain Health and Disease Across the Lifespan aims to improve understanding of brain development, aging, health, and disease.

The Brain Health and Disease Across the Lifespan Task Force launched Brain-PRIME (Postdoctoral Research Initiative for Multidisciplinary Exploration) in August 2023 as part of a major school-wide strategic investment in the neurosciences. The goal of the program is to foster a vital pipeline for diverse junior investigators to drive neuroscience research at UAB to new heights.

[Read More](#)

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## Special Events

### 10th Annual UCEM Symposium



The University of Alabama at Birmingham

Dates: September 16 & 17, 2024

Location: UAB Alumni House (1301 10th Ave S, Birmingham, AL)

Focus: Exercise and Neuroscience

[Symposium registration](#) deadline - September 10, 2024

Alabama Summit on Addiction and Pain

**SAVE THE DATE**

# ALABAMA SUMMIT ON ADDICTION AND PAIN

**KEYNOTE SPEAKER**

**SUMMIT DETAILS**

**SEPTEMBER  
19-20, 2024**

**UAB HILL  
STUDENT  
CENTER**



**JEANNE MARRAZZO, MD  
DIRECTOR, NIAID**

 **UAB CFAR**  
Center for AIDS Research  
SINCE 1988

 **UAB**  
Addiction  
Infection  
Immunology  
Research  
Program

 **Social Science and  
Justice Research**

 **UAB**  
Center for Addiction and Pain  
Prevention and Intervention

Deadline to Register, September 16: [Register Today](#)

VSRC Visiting Scholars Program





**September 20th at Noon - HPB, 303**

Speaker: David M Sherry, PhD  
The University of Oklahoma College of  
Medicine

Title: ELOVL4: One Enzyme, Three  
Neurological Diseases

If you are planning to attend in person,  
please RSVP by Sept 18 to  
[nakialee@uab.edu](mailto:nakialee@uab.edu).

If you are planning to attend via Zoom,  
please [register](#) in advance.

**Inaugural Robin Lester Memorial Lecture**

# ROBIN LESTER MEMORIAL LECTURE

## “Axon regeneration in the adult mammalian brain”

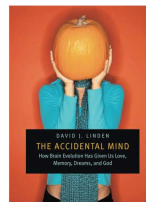
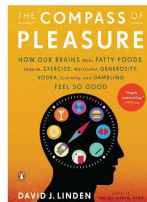
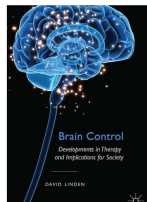
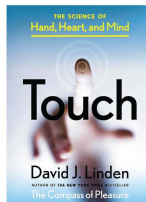
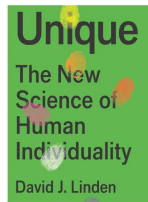
SEPT. 26 // 1:30-2:30 P.M. // BEVILL BIOMEDICAL RESEARCH BUILDING



**David Linden Ph.D.**

**Professor**  
The Solomon H. Snyder  
Department of Neuroscience  
Johns Hopkins University

NEW YORK TIMES BEST-SELLING AUTHOR OF FIVE BOOKS ON NEUROSCIENCE



### IN HONOR OF ROBIN LESTER, PH.D.

Lester, who passed away in June 2023, was a distinguished educator in the Heersink School of Medicine. Throughout his 28 years of teaching neuroscience, Lester received numerous recognitions for his role as an educator. His legacy has influenced many and will continue to inspire future generations of students and colleagues.



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

Series director: Kirstie Cummings (kac3@uab.edu)  
Series coordinator: Bryce Coulson (bcoulson@uab.edu)

The Department of Neurobiology invites all of UAB to attend the inaugural Robin Lester Memorial Lecture on Sept. 26 to hear a presentation from special guest David Linden, Ph.D., professor of Neuroscience at Johns Hopkins University School of Medicine.

[Read More](#)

## Funding Opportunities

### **Congressionally Directed Medical Research Programs (CDMRP)**

The Congressionally Directed Medical Research Programs (CDMRP) invites applications that will foster groundbreaking approaches to biomedical research in response to the expressed needs of our communities.

### **McKnight Clinical Translational Research Scholarship in Cognitive Aging and Age-Related Memory Loss**

Funded by the McKnight Brain Research Foundation through the American Brain Foundation and the American Academy of Neurology, the McKnight Clinical Translational Research Scholarships recognize the importance of rigorous training in clinical research and encourage early-career investigators to establish future careers exploring human cognitive aging.

Up to two scholarships will be awarded, each consisting of \$65,000 per year for two years, plus a \$10,000 stipend per year, for a total award of \$150,000. The awards will support education and research-related costs for early career investigators pursuing clinical studies relevant to age-related cognitive decline and memory loss.

The application window is open now through **September 10, 2024**. For questions regarding this award opportunity, please contact [grants@americanbrainfoundation.org](mailto:grants@americanbrainfoundation.org).

### **UAB Alzheimer's Disease Research Center (ADRC) RFA**

The UAB Alzheimer's Disease Research Center (ADRC) funds developmental projects with support from the ADRC grant, P30AG086401. The goal of the developmental project program is to attract and support new investigators in the field of Alzheimer's disease and related disorders (ADRD), leading to successful future extramural applications to NIH and other grant agencies.

Each project will be funded for 1 year at up to \$75,000 direct cost, with potential for a second year of funding based on review of progress.

Applications related to the ADRC's theme of Deep South disparities in dementia, or that use ADRC resources (participant referrals, data, or biospecimens) are encouraged, but any area of ADRD research likely to lead to future NIH funding is in scope.

Applications are due **September 27**. For more information including a link to the application form, visit

<https://www.uab.edu/medicine/alzheimers/research/developmental-projects>.

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## Happening This Month

September 3 at 8 a.m.

[Neurology Grand Rounds - Joe Daley, MD, PhD](#)

West Pavilion, Conference Center E

September 3 at 2 p.m.

[Dissertation Defense - Emma Jones](#)

Hugh Kaul Human Genetics Building, 270

September 4 at Noon

[CDIB Seminar Series: Shialou Yuan, Ph.D.](#)

Tinsley Harrison Tower, 740

September 4 at 3 p.m.

[Dissertation Defense - Destynie Medeiros](#)

SHEL , 1015

September 5-6

[UAB Comprehensive Neuroscience Center: 2024 Retreat](#)

Lake Guntersville State Park Lodge and Convention Center

September 6 at 9 a.m.

Neuroscience Works-In-Progress- Jana Badrani, Graduate Research Trainee

SHEL 1015

September 10 at 8 a.m.

[Neurology Grand Rounds - Frank Benesh, MD](#)

West Pavilion, Conference Center E

September 12 at 1:30 p.m.

[Neurobiology Seminar Series- Kasey Robinson, UAB](#)

BBRB, 170

September 13 at 9 a.m.

Neuroscience Works-In-Progress- Choice Uwomwose, Graduate Student

Trainee

SHEL 1015

September 13 at Noon

[HSOM Hispanic Cultural Heritage and Healthcare Panel Discussion](#)

Margaret Cameron Spain Auditorium

September 16-17

[10th Annual UCEM Symposium](#)

UAB Alumni House

September 18 at Noon

[CDIB Seminar Series: Lindsay Rizzardi, Ph.D.](#)

Tinsley Harrison Tower, 740



September 19-20  
[Alabama Summit on Addiction and Pain](#)  
Hill Student Center

September 19 at 1:30 p.m.  
[Neurobiology Seminar Series- Jill Glausier, University of Pittsburgh](#)  
BBRB, 170

September 20 at 9 a.m.- TBA  
Neuroscience Works-In-Progress  
SHEL 1015

September 20 at Noon  
[Visiting Scholars Program Seminar - David M. Sherry, PhD](#)  
Henry Peters Building, 202

September 24 at 8 a.m.  
[Neurology Grand Rounds - Robert Pearlman, MD](#)  
West Pavilion, Conference Center E

September 25 at Noon  
[UAB Nathan Shock Center Seminar with Vijay Yadav](#)  
School of Health Professions, 226

September 26 at 10:30 a.m.  
[Thesis Defense - Cameron Church](#)  
Hugh Kaul Human Genetics Building, 270

September 26 at 1:30 p.m.  
[Robin Lester Memorial Lecture- Neurobiology Seminar Series- David Linden, Johns Hopkins University](#)  
BBRB, 170

September 27 at 9 a.m.  
Neuroscience Works-In-Progress- Juhi Samal, Assistant Professor  
SHEL 1015

September 27 at 5:30 p.m.  
[Hispanic Heritage Month commemoration](#)  
University Tacos  
All faculty, staff, trainees, and students are invited. [RSVPs](#) are requested.

**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)

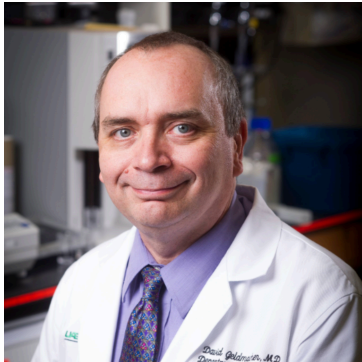
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# UAB News



## **Richter, Thomas receive McNulty Civitan Scientist Award; aim to improve sleep and quality of life for individuals with Down Syndrome**

Caroline G. Richter, Ph.D., and S. Justin Thomas, Ph.D., have been selected for the 2024-2025 McNulty Civitan Scientist Award.



## **Geldmacher named 2024 Brewer-Heslin Award winner**

David S. Geldmacher, M.D., professor in the UAB Department of Neurology and Warren Family Endowed Chair in Neurology, has been named the 2024 recipient of the Brewer-Heslin Award for Professionalism in Medicine.



## **Wadiche published in Journal of Neuroscience**

In this installment of Research in Focus, Linda Overstreet-Wadiche, Ph.D., professor, was featured for her recent publication in the Journal of Neuroscience.



## **Announcing our latest Featured Discovery recipient**

Kirstie Cummings, Ph.D., assistant professor in the Department of Neurobiology, was recently honored with the Heersink Featured Discovery Award. In this study, Cummings and her team examined a brain region previously thought to process safety signals, only to find that it unexpectedly plays a role in promoting fear.



### Robel receives NIH Landis Award for Outstanding Mentorship 2024

Dr. Robel's approach to mentorship is centered around empowering mentees to learn to reach their brilliance. She has developed a framework that addresses three dimensions: People, Projects, and Productivity.

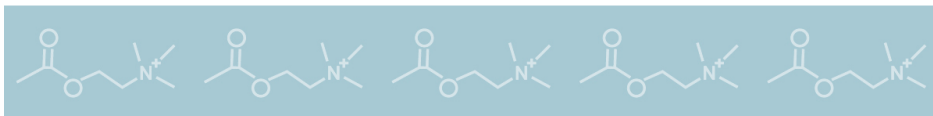
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## SfN News

**Visit the UAB CNC at booth #37!**



**WE'RE  
EXHIBITING**  
GRADUATE SCHOOL FAIR  
**October 5-8**



More Neuroscience 2024 Updates:

- [View Preliminary Program](#)
- [Advance Registration Deadline Approaching](#) -Monday, September 9.



# SAVE-THE-DATE

## MCKNIGHT BRAIN RESEARCH FOUNDATION POSTER RECEPTION

In conjunction with SfN

**SUNDAY, OCTOBER 6, 2024**  
**5:00 - 7:00 P.M.**

**Hilton Chicago**  
**720 S Michigan Avenue**  
**Chicago, IL 60605**

Additional details coming soon.



**MBRF Poster Reception**, Oct 6, 2024 at the Hilton Chicago from 5:00 - 7:00 pm. Using the [Abstract Template](#), Send to: poster\_session@mcknightbrain.org. Deadline to submit abstracts – Monday, September .

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## NIH News





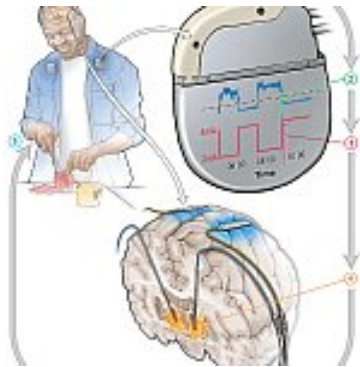
### **NIH researchers discover potential therapeutic target for degenerative eye disease**

Study reveals cellular pathology of "dry" AMD.



### **NIH launches program to advance research led by Native American communities on substance use and pain**

Effort aims to elevate Indigenous Knowledge and culture in research, to respond to the overdose crisis and address related health disparities.

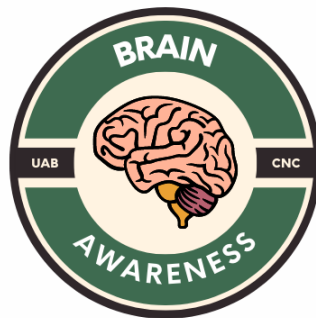


### **Self-adjusting brain pacemaker may help reduce Parkinson's disease symptoms**

Small NIH-funded trial shows the promise of personalized medicine.

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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 this Saturday for September Brain Chats!**

# BRAIN CHATS

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

## INFORMATION

 **LOCATION**  
Avondale Library  
509 40th Street South  
Birmingham, AL 35222

 **UPCOMING EVENTS**  
September 7, 2024 at 11 a.m.



**Speaker: Jennifer DeBerry, Ph.D.**  
UAB Department of Anesthesiology  
and Perioperative Medicine

**Topic: Decoding Pain: Exploring the  
Anatomy and Physiology Behind  
What Hurts**



**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 \(NIH\)](#)



Comprehensive Neuroscience Center  
1825 University Blvd , 907A  
Birmingham, AL 35294

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

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