THE ATLANTA CHAPTER OF THE SOCIETY FOR NEUROSCIENCE PRESENTS:



What's New in Atlanta Neuroscience, 2026

Tuesday, November 10, 2026 | 6:00 PM – 8:00 PM

Campbell Hall, Agnes Scott College



An evening of science, food, drinks, and connection featuring talks from neuroscientists across the Greater Atlanta area, poster presentations from up-and-coming scholars, and plenty of opportunities to network and socialize with fellow members of the neuroscience community.

SfN Atlanta Chapter

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SPEAKERS

1. Dr. Erica Holliday, Kennesaw State University
2. Dr. Nick Housley, Georgia Institute of Technology
3. Dr. Firas Kobaissy, Morehouse School of Medicine
4. Dr. Liz Heaton, Emory University
5. Dr. Coltan Parker, Spekman College

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POSTERS

1 **Victoria Vernal, Georgia State University**

Activation of Mas receptor-expressing neurons in the basolateral amygdala reduces fear expression in mice

2 **Lida Jalili, Georgia State University**

AdaptICA: Data-Adaptive Transformation Learning for Independent Component Analysis

3 **Anna McWaters, Georgia State University**

Adolescent Social Isolation Exacerbates Alcohol-Related Behavioral Alterations Following Perinatal Opioid Exposure

4 **Palapa Sompolpong, Emory University**

Advancing TMS for PTSD– a neuroimaging-guided approach to modulate the threat circuitry

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POSTERS

5 **Riya De Datta, Emory University**

Altered Regulation of Synaptic Proteins in a Brain-Specific Mouse Model of Myotonic Dystrophy Type 1

6 **Simone Russo, Georgia Institute of Technology**

Cortical excitability causally shape thalamocortical brain states and sensory perception

7 **Prisha Dutta, Emory University**

Deletion of exon 2 in ALS-linked Sptlc1 in relation to lethality in homozygous but not in heterozygous mice

8 **Tanvi Medulla, Georgia Institute of Technology**

Development of a Soma Targeted Red Calcium Indicator

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POSTERS

9 **Jaden Barlow, Emory University**

Disease-associated GRIN1 variants in a large cohort: correlation of functional and clinical consequences

10 **Viola Ming, Emory University**

Drosophila neural circuits mediating cross-organ sensory integration

11 **Chuan Huang, Emory University**

Dynamic 18F-FDG PET Characterizes Age-Related Changes in Fitted Ventricular FDG Kinetics in Humans

12 **Mengze Chen, Georgia Institute of Technology**

Dynamic integration of sensory evidence and temporal priors guides interval discrimination in mice

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POSTERS

13 **Ruitao Shen, Georgia Institute of Technology**

Dynamic integration of sensory evidence and temporal priors guides interval discrimination in mice

14 **Kevin Mesape, Georgia State University**

Effects of Early-Life Stress and High-Fat Diet on Metabolic Function in Male and Female Long Evans Rats

15 **Rachel Newton, Emory University**

Effects of low social status on adult neural systems that control stress and emotional regulation in rhesus monkeys

16 **Anusha Gururaj, Georgia State University**

Establishment of an Operant Paradigm to Quantify Effort-Based Maternal Motivation During the Postpartum Period

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POSTERS

17 **Abby Conter, Georgia State University**

Establishment of an Operant Paradigm to Quantify Effort-Based Maternal Motivation During the Postpartum period.

18 **Wenting Ye, Emory University**

Functional Analysis of GRIN2A pre-M4/M4 Missense Variants Expressed in Xenopus Oocytes with Blac Surface Expression in HEK Cells.

19 **Eniola Omogbai, Spelman College**

G1 Mediates HIV-induced Mitochondrial Dysfunction and Oxidative Stress

20 **Paramita Juardar, Georgia State University**

GABA-B receptors Dominate local Inhibitory Signaling between V1aR+ and V1aR- Lateral Septal Neurons.

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21 **Khan Hekmatyar, Georgia State University**

High-Fat Diet Triggers Hypothalamic Gliosis and Neurometabolic Disruption in Mice: A Preliminary MR findings

22 **Aniah Watson, Georgia State University**

Impact of Early-Life Adversity on Astrocytic Glutamate Transporter Regulation in the Medial Prefrontal Cortex

23 **Kareem Chambers, Emory University**

Interpersonal Neural Synchrony Development in Infants at High Likelihood for Autism During the First Year

24 **Morgan Streeter, Agnes Scott College**

Investigating the Potential Anticonvusant Effect of Hericulum Erinaceus (Lion's Mane) On Seizure and Stress Thresholds in a Mouse Model of CHemically Induced Seizures

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25 **Kezia King, Agnes Scott College**

Investigating the Potential Anticonvusant Effect of Hericulum Erinaceus (Lion's Mane) On Seizure and Stress Thresholds in a Mouse Model of Chemically Induced Seizures

26 **Ian Lee, Emory University**

Loss of GluN2D-NMDARs disrupts expression of parvalbumin in the primary visual cortex across development.

27 **Pooja Sanghvi, Emory University**

Menkes mouse model reveals disrupted mitophagy in the cerebellum

28 **Andrew Worthy, Emory University**

Modulation of Reciprocal Inhibition and Excitation between Antagonist Motor Pools by Foxp2-Expressing V1 Interneurons and Renshaw Cells

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29 **Hilary Barkey, Emory University**

Momentary ecological assessment and wearable actigraphy reveal unique physiological signatures of race-related stress in Black women

30 **Zachary Dahlquist, Emory University**

Monosynaptic Tracing of Presynaptic Inputs to Amygdala Neurons Projecting to Striatum

31 **Eden Zhu, Emory University**

Normative Study on Extraction and Chunking in Compression of Narrative Memory with Cognition-inspired Computational Models

32 **Amaya Anderson, Spelman College**

Phytoestrogen, SDG, may alter LPS-Induced Inflammatory Phenotypes In Human Monocyte-Derived Macrophages

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33 **Sierra Rolle, Georgia State University**

Postpartum resource scarcity and perineuronal net abundance in the rat somatosensory cortex

34 **Jisoo Ha, Georgia Institute of Technology**

Real-Time Bidirectional Closed-Loop Adaptive Control of Neural Populations Using a Latent State-Space Framework in Awake Mice

35 **Hadassah Mendez-Vazquez, Emory University**

Region-specific neuroinflammatory responses in a genetic model of manganese-dependent parkinsonism

36 **Julia Dietrich, Emory University**

Regulation of Peripheral Immune Cells by Cocaine and Cannabidiol Co-Exposure: Implications for Reward-Addiction Neuroimmune Pathways

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POSTERS

37 **Drew Lawless, Georgia State University**

Sensorimotor predictive processing in the mouse whisker system

38 **Lyric Freeman, Agnes Scott College**

ReaThe gut-microbiome profiled analyzed in a sex-dependent manner in a mouse model of autism

39 **Emily Clarke, Kennesaw State University**

The Relationship Between GRIN2A/GRIN2B Genotypes, Trait Anxiety, Adverse Childhood Experiences, Nicotine Use, and Cognitive Functions

40 **Sienna Bennett, Kennesaw State University**

Understanding How Spiny Mice (Acomys cahirinus) Recover Skin Sensation After Whisker Pad Deafferentation

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41 **Emily Chen, Emory University**

Wired for Work or Reward? The Role of the Anterior Cingulate Cortex in Social Foraging Strategies in Mice

42 **Grace Hickey, Emory University**

Wired for Work or Reward? The Role of the Anterior Cingulate Cortex in Social Foraging Strategies in Mice

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