

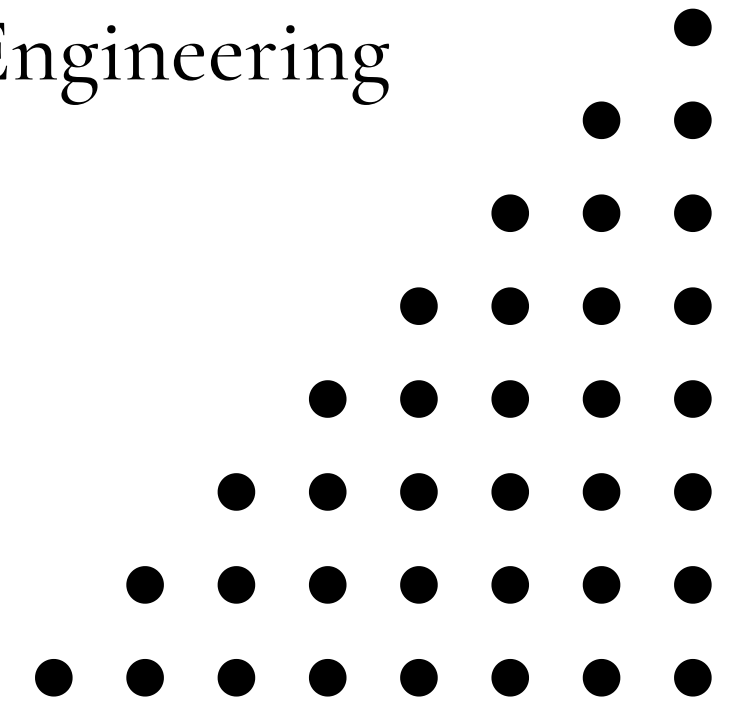
# Dr. Sharlene D. Newman

Executive Director for the Alabama Life Research Institute

The University of Alabama, College of Engineering



Banquet Speaker



## Banquet Speaker



**Dr. Sharlene D. Newman**

Executive Director for the Alabama Life Research Institute

The University of Alabama, College of Engineering

Dr. Sharlene Newman is a native of Abbeville, AL. She obtained her electrical engineering degree from Vanderbilt University and doctoral degree in biomedical engineering from the University of Alabama at Birmingham. She then completed postdoctoral training at Carnegie Mellon University, where she concentrated on cognitive neuroscience. Dr. Newman's research focuses on using magnetic resonance imaging (MRI) to understand the function, structure, and neurochemistry of the human brain. Her research spans multiple cognitive domains (e.g., language, problem-solving, and executive functioning) and clinical populations (e.g., substance use, concussion, and psychosis). In 2022 Dr. Newman was elected as a fellow in the Association for the Advancement of Science (neuroscience).





## Banquet Speaker

Improving Brain Health in Alabama:  
A Neuroscientist's Perspective

**Dr. Sharlene D. Newman**

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Luncheon Speaker



# Mr. Arrix Ryce, MSc

MD Candidate (Class of 2023)  
Emory University, School of Medicine



## Luncheon Speaker



Arrix graduated from Jefferson County International Baccalaureate School in Birmingham, AL, in 2014. He holds a BS in biochemistry and nutrition, a BA in religion, medicine, and society, both from the University of Miami, and an MSc in social data science from the University of Oxford (England). Arrix has won several science-related awards, including the Alabama Junior Academy of Science's Gorgas Scholarship (2014), the University of Oxford's Frost Scholarship (2018), and the Radiological Society of North America's Medical Student Research Grant (2021). He will graduate from Emory University School of Medicine's MD program in May 2023 and soon after begin training as a radiologist.



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MD Candidate (Class of 2023)  
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## Luncheon Speaker

Science: A Journey for Me, A Space for Us

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