ABRCMS 2024 ePoster Spring Symposium Awards

Poster Awards

- **Kelly Chambers**, *Lincoln High School*, "Deguelin Promotes Longevity through C. elegans Flavin-Containing Monooxygenase-4"

- **Neha Singaravelan**, *University of Alabama at Birmingham*, "Identifying Secondary Metabolites in Aspergillus Heteromorphus and Magnaporthe Grisea and the Overproduction of Cytochalasans"

- **Keren Oh**, *Gwinnett School of Math, Science, and Technology*, "Automating Reflectance Confocal Diagnoses"

- **Rianne Delos Santos**, *Gwinnett School of Math, Science, and Technology*, "Java Moss Filtration: Mitigating HABs in the Chattahoochee River"

- **Khadija Ayub**, *Gwinnett School of Math, Science, and Technology*, "Optimizing Inhibition for the Novel PPI: MYC & MKK3"

- **Lucy Day**, *Arizona State University*, "Investigating Environmental Influences on the Presence of the FCyRIIa Polymorphism in Conjunction with Dengue Virus"

- **Yutian Li,** *Brookline High School*, "Somatic Point Mutation Detection & Mutation Burden Analysis in Human Brain Single-Cell Datasets"

- **Kien Lau**, *Yale University*, "Developing and Evaluating Methods of Generating and Applying Polygenic Scores in a Diverse Cohort of 64K Participants"

- **Eshani Sharma**, *Gwinnett School of Math, Science, and Technology*, "The Effect of Digital Nudging on Learning"

- **Pithiya D' Costa**, *Fordham University*, "Examining the effect of aging on the functional capabilities of skeletal stem and progenitor cells (SSPCs)"

- **Raymond Feng**, *Monta Vista High School*, "Detecting Music Enjoyment Level Using Electroencephalogram Signals and Machine Learning Techniques"

- **Jayda Cheeks**, University of Michigan, "Microbial changes in pancreatic tissue during pancreatic ductal adenocarcinoma"

- **Mila Wolkowitz**, *Illinois Mathematics and Science* Academy, "Synthesis of Amide Derivatives as Preclinical Drug Candidates for Visceral Leishmaniasis"

- **Kristy Luk**, *Hong Kong International School*, "Optimizing COVID-19 Sewage Surveillance by Mixed-Integer Linear Programming"

- **Samyutha Talagadadeevi**, *Coppell High School*, "Mathematical Model of an Early Cancer Detection System"

- **Roha Thomas**, *Decatur High School and Highline Community College*, "Osteoblast Marker Genes are Enriched at Bone Mineral Density (BMD)-Associated Loci"

- **Jade Lee**, *Westview High School*, "Exploring the effect of extracellular vesicles on matrix metalloproteinases in aortic smooth muscle cells"

- **Ramin Sarkar**, *Gwinnett School of Math, Science, and Technology*, "Treatment Analysis for Alzheimer's Disease Using Caenorhabditis elegans as a Model"