Greater East Alabama Regional Science and Engineering Fair- General Award Script - Senior Divisions (grades 9-12)

Senior Divisions (grades 9-12)

Animal and Plant Sciences

Jaleigha Moore
Project Name : Which liquid would help a bean seed sprout the fastest?
Project Number : SR-100-0146 -
Placement : 3rd Place

Corey Matthews Jr
Project Name : Living In Harmony
Project Number : SR-100-0144 -
Placement : 2nd Place

Tristan Davis, Aiye Kioni
Project Name : mycelium might
Project Number : SR-100-0143-T -
Placement : 1st Place

Behavioral & Social Sciences

Acion Bates, Jai-Lyn Chapman
Project Name : effects of music on memory
Project Number : SR-200-0150-T -
Placement : 3rd Place

Ella Knight
Project Name : Mirror Mirror on The Wall, Who's the Fairest of Them All?
Project Number : SR-200-0151 -
Placement : 2nd Place

Rhyana Mahatsente
Project Name : Voxel-Based Morphometry of Temporal Lobe Epilepsy for Detection of Ictal Impaired Consciousness
Project Number : SR-200-0152 -
Placement : 1st Place

Biomedical Engineering & Biomedical and Health Sciences

Gracy patterson, Gabby Vertorano
Project Name : Effect of jumping jacks and push-ups on a person's heart rate
Project Number : SR-800-0163-T -
Placement : 3rd Place

jackson taylor
Project Name : No smoking
Project Number : SR-800-0162 -
Placement : 2nd Place

Ashley Fulmer
Project Name : Peter Piper's Pick of Perfect Peppers
Project Number : SR-800-0157 -
Placement : 1st Place

Cell, Molecular, Microbiology & Biochemistry

Alessandra Holland
Project Name : Petri-fied of Pro's
Project Number : SR-300-0170 -
Placement : 3rd Place

Olivia Hicks, Timothy Jarrell
Project Name : The Effect of Cinnamon & Eucalyptus Essential Oils on the Presence of Microbes
Project Number : SR-300-0169-T -

Placement : 2nd Place

Annie Bao
Project Name : Modifying Oncolytic Adenovirus for Osteosarcoma Treatment
Project Number : SR-300-0164 -
Placement : 1st Place

Chemistry

Karis Mickle, Kaitlyn Price
Project Name : Puff-Puff-Pass
Project Number : SR-400-0179-T -
Placement : 3rd Place

Parker Thompson
Project Name : Analysis of Harmful Chemical Residues in Common Clothing
Project Number : SR-400-0181 -
Placement : 2nd Place

Jason Bailey
Project Name : Mystery in a Bottle: A Qualitative and Quantitative Analysis of Bottled and Tap Waters
Project Number : SR-400-0174 -
Placement : 1st Place

Earth and Environmental Sciences & Environmental Engineering

Harrison Allen, Addison Seale, Cole Williams
Project Name : A comparison of fine-art faunal diversity among two museum "communities" - a model to utilize Simpson's biodiversity index for AP Biology
Project Number : SR-700-0192-T -
Placement : 3rd Place

Lillian Vilardi
Project Name : Reducing Microplastics in our Oceans
Project Number : SR-700-0190 -
Placement : 2nd Place

Whitley Shull
Project Name : Furthering Agriculture Through Buoyant Automated Pods
Project Number : SR-700-0188 -
Placement : 1st Place

Engineering

Jessica Shu
Project Name : Intelligence at a Solar Panel: Autonomously Tracing the Brightest Source of Light for the Generation of Renewable Energy in Limited Spaces
Project Number : SR-500-0201 -
Placement : 3rd Place

Will Bao
Project Name : Three-Dimensional Acoustic Absorber Adapted Through Machine Learning and Additive Manufacturing for Highly Effective Noise Pollution Mitigation
Project Number : SR-500-0193 -
Placement : 2nd Place

John Parsons
Project Name : Detecting Forest Fires and Distressed Park Visitors Using Radio Systems
Project Number : SR-500-0198 -
Placement : 1st Place

Physics, Astronomy & Mathematics

Judson Wood
Project Name : Gears and Speed
Project Number : SR-900-0206 -

Placement : 3rd Place

Joseph Higbe, Nathan Sides
Project Name : The Effect of Shoe Structure on Rebound Force
Project Number : SR-900-0203-T -
Placement : 2nd Place

Joseph LeFevre
Project Name : Are you safe? A Study on Alternative motorcycle protection
Project Number : SR-900-0205 -
Placement : 1st Place

Robotic Systems & Communication Technology

John Belew
Project Name : Robotics in the Cultivation of Agriculture
Project Number : SR-1100-0207 -
Placement : 3rd Place

Kevin Yan
Project Name : Developing a Novel Autonomous Wildfire Mitigation System Using Convolutional Neural Networks and Time-Series Forecasting
Project Number : SR-1100-0212 -
Placement : 2nd Place

Edwin Wu
Project Name : Smart Assistive Senior Care
Project Number : SR-1100-0211 -
Placement : 1st Place