



Congratulations to all of the finalists of the ASABE Student Oral/Poster Presentation Competition, held during the 2024 Annual International Meeting. Each finalist received a \$250 prize check. For more information on the competition, please visit our website: <https://asabe.org/Poster>

Maia Woodard placed in the ASE community competition for the presentation titled “The Influence of Drum Chopping and Prescribed Fire on Wood Debris Carbon and Nutrient Release in the Chipola Forest”

Kaitlyn Gordon placed in the EOPD community competition for the presentation titled “Educating Youth on the Connection between Biomass and Energy”

Bipasyana Dhungana placed in the ES community competition for the presentation titled “Hydrothermal liquefaction of tomato waste residue: Effect of reaction temperatures, solvents and catalysts on product yield and bio-oil characterizations”

Juliana Pin placed in the ES community competition for the presentation titled “A nationwide analysis of an oilseed supply chain for Sustainable Aviation Fuel”

Yilin Li placed in the ES community competition for the presentation titled “Hard Carbon Production from Enzymatically Fractionated Switchgrass for Lithium-Ion Batteries”

Jacob Muller placed in the ESH community competition for the presentation titled “Investigating the Use of Large Language Models in Agricultural Injury Surveillance”

Parastoo Farajpoor placed in the ITSC community competition for the presentation titled “Advancing Grapevine Nutrient Sensing through a Deep Learning-Based Multi-trait Analytical Approach”

Anthony James Franco placed in the ITSC community competition for the presentation titled “Co-Detection of Salmonella and E. coli using a label-free plasmonic genosensor”

Yawen He placed in the ITSC community competition for the presentation titled “Simultaneous Dual-Gene Detection of Escherichia coli O157:H7 Based on CRISPR/Cas13-Mediated Biosensor”

Sidharth Rai placed in the ITSC community competition for the presentation titled “Enhancing Seeding Efficiency: Evaluating Row Cleaners with Computer Vision in Precision Agriculture”

Kasra Khodkar placed in the ITSC community competition for the presentation titled “Salinity dynamics modeling in the Upper Red River Basin via SWAT-Salt and AI-based synthetic salinity data”

Anthony James Franco placed in the ITSC community competition for the presentation titled “Rapid Detection of Carbapenem-Resistant Genes in E. coli Using Plasmonic Biosensor”

Liyike Ji placed in the ITSC community competition for the presentation titled “Predicting caladium tuber weight from canopy traits through high-throughput aerial imagery”

Kyle Lammers placed in the MS community competition for the presentation titled “Development and Evaluation of a Dual-arm Robotic Apple Harvesting System”

Max Hooks placed in the MS community competition for the presentation titled “Multi-Position Round Module Moisture Sensor”

Kittiphum Pawikhum placed in the MS community competition for the presentation titled “Design End-effector for Automatic Mushroom Harvesting”

Kittiphum Pawikhum placed in the MS community competition for the presentation titled “Developing a Computer Vision-Based System for Assisting in Apple Bud Thinning Processes”

Kelly Kosiarski placed in the NRES community competition for the presentation titled “Effects of Wastewater Irrigation on PFAS in Forage Crops: Insights from Field and Greenhouse Studies”

Emily Nottingham placed in the NRES community competition for the presentation titled “Contaminant mixtures and their impact on wetland treatment processes: A mesocosm study”

Rene Francis Simbi Mvuyekure placed in the NRES community competition for the presentation titled “Simulated effects of no-tillage and cover cropping on crop production and ecosystem service benefits in the Upper Middle-Brazos-Millers Watershed”

Youjia Li placed in the NRES community competition for the presentation titled “Effect of vegetative filter strip on sediment erosion and deposition in agricultural ditches of Canada’s Lacustrine Coast”

Hongxu Zhou placed in the NRES community competition for the presentation titled “Exploring the engineering-scale potential of designer biochar for phosphorus loss reduction from tile-drain agroecosystems”

Sam Holberg placed in the NRES community competition for the presentation titled “Modeling the Hydrodynamic Impact of Floating Oyster Aquaculture: A Case Study in Ward Creek, North Carolina”

Anne Sophie Ruyikiri placed in the PAFS community competition for the presentation titled “The Photosynthetic Curve of Spinach and Kale across the Visible Spectrum”

Mathieu Deschenes placed in the PAFS community competition for the presentation titled “Optimizing Greenhouse Sustainability: A Comprehensive Thermal Model for Assessing Alternative Covering Materials and Energy Efficiency”

Christopher Sarmiento Pascual placed in the PAFS community competition for the presentation titled “Effects of Different Salinity Levels and Light Intensity on Growth, Yield, and Nutrient Content of Hydroponically-grown Kale in Controlled Conditions”

Nahndi Kirk-Bradley placed in the PRS community competition for the presentation titled “Atmospheric Cold Plasma Treatment and its Impact on DNA Endoreplication in Stored Product Pests: Cowpea Bruchid Examined through Rapid Flow Cytometry”

Kelly Graff placed in the PRS community competition for the presentation titled “Characterization of Polyhydroxyalkanoates (PHA) Produced from Cheese Byproducts by Halophilic Microbes”

Sayantana Santra placed in the PRS community competition for the presentation titled “Valorization of food waste to lactic acid and other eco-friendly materials through micro-machineries”