



Congratulations to all of the finalists of the ASABE Student Oral/Poster Presentation Competition, held during the 2023 Annual International Meeting. Each finalist received a \$250 prize check. For more information on the competition, please visit our website: <https://asabe.org/Poster>

Naomi Pitts placed in the ASE community competition for the presentation titled “Improving the Hydrological Resilience of Storm Water Control Measures using PCSWMM”
Travis Johnson placed in the EOPD community competition for the presentation titled “Project-Based Learning in Project Management: A Comparison to Conceptual-Based Instruction”
Sena Atsyo placed in the ES community competition for the presentation titled “Effects of Anatomical Origin and Moisture Contents in Friction between Corn Stover Particles”
Manish Sakhakarmy placed in the ES community competition for the presentation titled “Comparative study on pyrolysis of Douglas Fir, Eucalyptus, and Poplar for Novolac production”
Lillian Lower placed in the ES community competition for the presentation titled “Thermophilic Anaerobic Digestion of Lemnaceae for Biogas Production”
Julia Cunniffe placed in the ES community competition for the presentation titled “Co-Production of a Crystalline Cellulose Material and Biofuels from CRISPR-Edited Biomass”
Sarah Tucker placed in the ESH community competition for the presentation titled “Agricultural Injury Surveillance and Assessment of Needs for Health and Environmental Monitoring for Rural First Responders During Agriculture Emergencies”
Sharif Shabani placed in the ITSC community competition for the presentation titled “Development of a Ground-based Robotic Platform Towards Automated Inventory for Precision Forest Nursery Management”
Fitsum Teshome placed in the ITSC community competition for the presentation titled “Application of Unmanned Aerial Vehicle (UAV)-Based Imaging and Machine Learning for Sweet Corn Plant Phenotyping”
Dawood Ahmed placed in the ITSC community competition for the presentation titled “Machine Vision-Based Early-Season Crop-Load Estimation Using YOLOv8”
Nitin Rai placed in the ITSC community competition for the presentation titled “Assessing the Best Augmentation Approach for Weed Detection in Aerial Images using Convolutional Neural Networks”
McKensie Nelms placed in the ITSC community competition for the presentation titled “Tomato Flower Detection and Three-Dimensional Mapping for Precision Pollination”
Ching-Kuang Chen placed in the ITSC community competition for the presentation titled “An automated online learning framework for insect pest image classification model enhancement”
Coleman Byers placed in the MS community competition for the presentation titled “Spray Performance Evaluation of DJI Agras T30 UAS Sprayer at Different Application Parameters”
Israel Ojo placed in the MS community competition for the presentation titled “Automated Injection System for Therapeutic Materials Using Nonpassive, Needle-Based Trunk Injection to Treat HLB-affected Citrus Trees”
Matthew Chaffee placed in the NRES community competition for the presentation titled “Monitoring Temporal Chlorophyll using Sentinel-2 Imagery in an Urban Retention Pond Receiving a Biological-Chemical Treatment”
Heather White placed in the NRES community competition for the presentation titled “Modeling the Potential Influence of Subsurface Tile Drainage Systems on Downstream Flooding in Skunk Creek Watershed”
Basavaraj Amogi placed in the NRES community competition for the presentation titled “Exploring the suitability of crop physiology sensing system for apple canopy water stress and fruit quality monitoring”
María Jose Oviedo Ventura placed in the NRES community competition for the presentation titled “Impact of manure and carbon application on sandy loam soil properties”
Swarna Chowdhury placed in the NRES community competition for the presentation titled “Evaluating the Influence of Oyster Leases in Estuarine Hydrodynamics: A Numerical Modeling Approach”
Andrew Ortiz placed in the NRES community competition for the presentation titled “Automation of On-Farm Method for Visual Quantification of Carbon Degradation in Agricultural Soils”
Sebastian Hawkes placed in the NRES community competition for the presentation titled “Analyzing impacts of established wetland plants on infiltration in stormwater systems and development of future citizen science research methods”
Zach Morgan placed in the PAFS community competition for the presentation titled “Poultryponics: Reclaiming post-processing poultry wastewater to produce hydroponic greens”
Hanwook Chung placed in the PAFS community competition for the presentation titled “Development of a Continuous, Low-Power, Wireless Core Body Temperature Monitoring System to Detect Heat Stress of Dairy Cows in Real Time”
Angela George placed in the PAFS community competition for the presentation titled “Costs, benefits and adoption potential of manure storage cover and flare systems on dairy farms”
Xu Zhou placed in the PRS community competition for the presentation titled “Why do microwaves heat oil faster than water?”
Xu Zhou placed in the PRS community competition for the presentation titled “Can solid-state microwave generators provide stable and predictable standing wave patterns in a multi-mode cavity?”
Reagan Gomez placed in the PRS community competition for the presentation titled “Impact of Process Conditions on Purification of Recombinant Human Serum Albumin”
Tosin O. Olanrewaju placed in the PRS community competition for the presentation titled “Thermomechanical and Rheological Properties of Distillers’ Spent Grain (DSG-B) from Bourbon Production”