

ORAL PRESENTATION AWARDS

Arts and Humanities

1. Caitlyn Ruby – Master's, Geoscience – Application of coastal and marine ecological classification standard (CMECS) to remotely operated vehicle (ROV) video data for enhanced geospatial analysis of deep sea environments
2. Tianyu Li – PhD, Earth/Atmospheric Science – Which music genres are the most popular on internet
3. Aynaz Lotfata – PhD, Earth/Atmospheric Science – Natural disaster and vulnerability: an analysis of 2016 flooding in Louisiana

Life and Biomedical Sciences and Engineering

1. Keelee McCarthy – Master's, Agricultural Science – Effect of melatonin supplementation during mid- to late- gestation on maternal uterine blood flow and calf size at birth
2. Katie Cooley-Lock – PhD (Vet), Small Animal Internal Medicine – Erythrocyte damage and in-line pressure changes associated with transfusion of canine blood through microaggregate filters
3. Gourav Sharma – Master's, Plant Science – Greenhouse screening for drifted herbicides among diverse germplasm of tomatoes

Physics, Mathematics, Computations Sciences, and Engineering

1. Ashkan Khalili – PhD, Aerospace Engineering – Enhanced cross-correlation method (ECCM) for detection and localization of damages in plates using ultrasonic lamb waves
2. Sheida Riahi – PhD, Mathematics – Measuring and testing central symmetry in bivariate settings
3. Maheshwar Ghimire – PhD, Applied Physics – Highly sensitive fiber loop ringdown strain sensor with low temperature sensitivity

Social and Behavioral Sciences

1. Jeffery Simpson - PhD, Biomechanics – Assessment of ground reaction forces during a drop vertical jump following three weeks of external load training
2. Jenny Bailey Jones – PhD, Instructional Systems – Web conference vs. Webcast: the perceived effectiveness of training sessions at a southeaster community college
3. Margaret Bernheim – PhD, Educational Psychology – Interventions to improve oral reading fluency in secondary-aged struggling readers: a comparison of repeated reading and listening passage preview . (School Psychology Concentration)

POSTER PRESENTATION AWARDS

Arts and Humanities

1. Irmarié Cruz López – PhD, Educational Psychology – Improving oral reading fluency in elementary school children: comparing the effectiveness of group repeated reading and individual repeated reading. (School Psychology Concentration)
2. Madison Sully – PhD, Educational Psychology – Implementation of road to the code phonological awareness program with one 1st grade student. (School Psychology Concentration)

Life and Biomedical Sciences and Engineering

1. Mercedes Siegle-Gaither – Master's, Forestry – Using deuterium and oxygen-18 isotopes to better understand stemflow generation mechanisms
2. Chathu Wijewardana – PhD, Plant Science – Trans-generational inheritance of drought stress induced loss of soybean seed germination
3. Saira Talwar – Master's, Exercise Physiology – Comparing movement properties of unimanual and bimanual movements

Physics, Mathematics, Computations Sciences, and Engineering

1. Medagama Liyanage Achala Sandamali Liyanage – PhD, Chemistry – Adsorption of lead and aqueous solution onto activated carbon prepared from Garcinia cambogia
2. Catie Dillon – Master's, Biomedical Engineering – Application and validation of STWAVE in the nearshore of Deer Island, MS
3. Zhuo Wang – PhD, Mechanical Engineering – Effect of meso-scale geometry on piezoelectric performances of additively manufactured flexible polymer-Pb(ZrxTil-x)O₃ composites

Social and Behavioral Sciences

1. Poram Choi – PhD, Kinesiology – Prediction of oxygen uptake from pedometer output across different activities
2. Ethan Lantz – PhD, Clinical Psychology – The mediation of gratitude on the relation between religiosity and satisfaction with life
3. Alice Long – PhD, Human Development – Mother's depression and child sleep: the mediating role of parent-child attachment

HONORABLE MENTIONS – ORAL PRESENTATIONS

Physics, Mathematics, Computational Sciences, and Engineering

- Zhangjin Xu – PhD, Physics – Electric dipole radiation between two mirrors

Life and Biomedical Sciences and Engineering

- Olanrewaju Raji – PhD, Bioproducts – Analysis of hindgut bacterial phyla frequency and diversity in subterranean termites exposed to chitosan-treated wood
- Sarah M. Montgomery – Master's, Agronomy – Effects of annual ryegrass cytotype of forage productivity, nutritive value, and animal performance
- Preeti Muire – PhD, Veterinary Medical Science – Trained immunity and protection in T and B cell deficient *rag1*^{-/-} mutant zebrafish