

Poster No.	Last name	First name	Coauthors	Advisor	Degree	Presentation Title
1	Fu	Wanfang	Burrell, Ralph; Gasic, Ksenija	Ksenija Gasic	Master	Enabling breeding for brown rot resistance in peaches
2	Whitaker	Sydney	Ehlers, Abby; Smith, Kylie	Michael Childress	Undergraduate	Greener Futures: Substrate Preferences Explain Variation in Social Structure in Two Species of Parrotfish
3	Chakravorty	Arghya		Emil Alexov	Ph.D.	A new DelPhi feature for modeling electrostatic potential around proteins: Role of bound ions and implications for Zeta-potential
4	Rolfe	Sara	Stroud, Caroline; Towe, Abigail; Sims, Randi; Smith, Kylie	Michael Childress	Undergraduate	Damsels in Distress: Influence of reef composition on abundance and behavior of damselfishes
5	Spencer	Matt	Eller, Jared	Joshua Alper	Undergraduate	Expression of the Microtubule Binding Domain of Dynein for Characterization using Single Molecule Experiments
6	Brown	Tara	Delorenzo, Megan; Schultz, Corey	Lisa Rapaport	Undergraduate	Validating Behavioral Assessments of Exploratory Behavior in Captive Common Marmoset Monkeys ( <i>Callithrix jacchus</i> )
7	Dasetty	Siva	Wang, Weigao; Blenner, Mark; Sarupria, Sapna	Sapna Sarupria	Ph.D.	Exploring the Molecular Basis for the Activity of Extremophilic Enzymes to Engineer Robust Enzymes
8	Zurqani	Hamdi	Post, Christopher; Mikhailova, Elena	Elena Mikhailova	Ph.D.	Land use change in the Savannah River Basin: Trends and potential impact
9	Melton	Richard		Matthew Turnbull	Undergraduate	Effects of gap junction inhibition on the gut and molting cycles of <i>Heliothis virescens</i>
10	Nachman	Erika		Barbara Campbell	Undergraduate	Co-Symbiosis in <i>Phacoides pectinatus</i> through Ammonium Pathway
11	Andorfer	Rachel	Alper, Joshua	Joshua Alper	Master	Engineering Biological Nanostructures
12	Oristian	James		Joshua Alper	Undergraduate	Dynein Purification in <i>Trypanosoma brucei</i> and <i>Chlamydomonas reinhardtii</i>
13	Sims	Kaleigh	Bain, Lisa	Lisa Bain	Master	Effects of embryonic arsenic exposure on killifish's ( <i>Fundulus heteroclitus</i> ) behavior and nutrient uptake
14	Guryan	Thomas	Sims, Randi	Michael Childress	Undergraduate	Clean Freaks: Cleaner fish facilitate reef herbivore diversity
15	Keener	Maggie	Jahn, Jocelyn	Lisa Rapaport	Undergraduate	Responses to Novel Objects and Foods in Captive Golden Lion Tamarins ( <i>Leontopithecus rosalia</i> )
16	Rubin	Alex	Diamond, Kelly; Schoenfuss, Heiko; Blob, Richard	Rick Blob	Undergraduate	Assessing the impact of environmental contaminants on escape behavior in the migratory stream goby <i>Sicyopterus stimpsoni</i>
17	Kelly	Brett	Smith, Alisha; Cary, Joshua	Yoichiro Kanno	Undergraduate	The influence of species and tag size on detection probabilities using a portable PIT tag antenna wand in a small Piedmont stream
18	Gill	Danielle	Lim, Jean	Barbara Campbell	Undergraduate	Activity of Spirochaeta Symbionts in Lucinid Bivalves
19	Joines	Jason Paul	DeWalt, Saara J.; Walker, Joan L.	Saara DeWalt	Ph.D.	Local adaptation to the environment drives genetic variation among populations of an herbaceous plant
20	Groshans II	Garth	Mikhailova, Elena; Post, Christopher; Schlautman, Mark	Elena Mikhailova	Master	Filling the gap: Adding soil inorganic carbon into ecosystem services framework for the United Nations sustainable development goals
21	Cope	Michael	Mikhailova, E.A.; Post, C.J.; Schlautman, M.A.; Gerard, P.D.; Sharpe, J.L.; McMillan, P.D.	Elena Mikhailova	Ph.D.	Mapping spatiotemporal flowering distributions using kernel density estimation
22	Dunwoodie	Leland	Ficklin, Stephen; Poehlman, William; Feltus, Alex	Alex Feltus	Undergraduate	Mining the Cancer Genome Atlas for Cancer-Specific Gene Interactions
23	Gaskins	Jillian	Hafner, Nick; Horne, Justin; Faykus, Max	Carlos Barrios	Undergraduate	Biomimicry
24	Simpson	Lunden		Antonio Baeza	Master	A New Species of Carcinonemertes, a Parasitic Egg-Predator, Infecting the Caribbean Spiny Lobster
25	Gerstner	Zachary	Feltus, Alex; Casanova, Emily; Casanova, Manuel; Sharp, Julia	Alex Feltus	Undergraduate	Widespread Genotype-Phenotype Correlations in Intellectual Disability Associated with Specific Comorbidities and Secondary Clinical Phenotypes
26	Scott	Alex	Carpenter, Gabriella; May, Mary Jo; Sampson, Christie	David Tonkyn	Undergraduate	Using outreach to reduce human-elephant conflict in Myanmar
27	Dubnicka	Isabella	Krachman, Haley; Ehler, Ashley	Michael Childress	Undergraduate	Home Alone: Behavioral plasticity and the loss of social behaviors in juvenile spiny lobsters
28	Alvarez	Natalie	Balmediano, Patricia; Mohanram, Harini; Miserez, Ali	Frank Alexis	Undergraduate	A Sticky Situation: Protein Purification on Barnacle Adhesion
29	Camper	Benjamin	Cornbrooks, Rebecca; Willan, Caitlin	Michael Sears	Undergraduate	Sex or No Sex: That is the Question
30	Gholamian	Jason		Barbara Campbell	Ph.D.	Functional and compositional patterns in bacterial communities of estuarine environments
31	Godar	Subash		Joshua Apler	Ph.D.	Single molecule study using ultra-fast long-range optical tweezers
32	O'Kelley	Brenna	Gizzi, Katie; Middleton, Cedric	Dylan Dittrich-Reed	Undergraduate	Silent Killers: The Implications of Prions and the Benefits and Disadvantages of Research
33	Weaver	Joshua	Mikhailova, Elena; Post, Christopher; Privette, Charles; Schlautman, Mark	Elena Mikhailova	Master	Comparison of Saturated Hydraulic Conductivity using Geospatial Analysis of Field and SSURGO data
34	Johnson	Kenny		Adam Hunter	Undergraduate	Can Research on Mouse benefit people with Muscular Dystrophy
35	Stiglitz	Roxanne	Mikhailova, Elena; Post, Christopher; Schlautman, Mark; Sharp, Julia; Pargas, Roy; Glover, Benjamin; Mooney, Jack	Elena Mikhailova	Ph.D.	Soil color sensor data collection using a GPS-enabled smart-phone application
36	Katragadda	Suraj	Weber, Elijah; Lim, Jean	Barbara Campbell	Undergraduate	Feral Hog Fecal Source Tracking of Lake Keowee Tributaries