

## 2018 Undergraduate Summer Research Internship Program Students & Faculty

FACULTY MENTOR	UNDERGRAD INTERN	PROJECT NAME	UNIT	LOCATION
Abd-Elrahman, Amr	Williston, Anissa	Using ground-based and unmanned aircraft system imagery for vegetation analysis	School of Forest Resources & Conservation / Gulf Coast REC	Gulf Coast REC / Wimauma
Alto, Barry	Roberts, Zach	Mosquito field ecology	Entomology & Nematology / FL Medical & Entomology Lab	FL Medical & Entomology Lab / Vero Beach
Babar, Md Ali	Rios Glusberger, Paula	Increase partitioning of internode 2 & 3 to improve grain yield of wheat under high temperatures stress conditions	Agronomy	Gainesville Campus
Babar, Md Ali	Vandamme, Ida	Increase partitioning of internode 2 & 3 to improve grain yield of wheat under high temperatures stress conditions	Agronomy	Gainesville Campus
Basille, Mathieu	Guerrero, Valeria	Raccoon Ecology Database reloaded	Wildlife Ecology & Conservation / Ft. Lauderdale REC	Ft. Lauderdale REC / Ft. Lauderdale
Behringer, Don	Oxton, Amy	Crustacean Ecology in the Florida Keys & Coastal US	School of Forest Resources & Conservation / Fisheries	Gainesville Campus
Brooks, Samantha	Hillard, Hannah	National Animal Genome Research Project	Animal Sciences	Gainesville Campus
Brym, Zack	Picon, Nicole	An ecosystem context for the advancement of sustainable cropping systems	Agronomy / Tropical REC	Tropical REC / Homestead
Chambers, Alan	Collazo, Christian	Tropical Fruit Quality	Horticultural Sciences / Tropical REC	Tropical REC / Homestead
Christner, Brent	Reyes, Karla	Exploring Microbial Bioaerosol Effects on Rainfall (EMBER)	Microbiology & Cell Science	Gainesville Campus
Darnell, Rebecca	Leventini, Dante	Role of root antioxidants in pH tolerance of blueberry	Horticultural Sciences	Gainesville Campus
Deitch, Matt	Heider, Kelsea	Characterizing streamflow and pollutant dynamics in urbanizing Northwest Florida streams	Soil & Water Sciences / West Florida REC	West Florida REC / Milton
DiMaggio, Matt	Fogt, Tyler	Evaluation of Larval Feeding Protocols for Ornamental Fish Species	School of Forest Resources & Conservation / Fisheries	Tropical Aquaculture Lab / Ruskin
Edelmann, Mariola	Lavayen, Bianca	Testing different methods of cargo transfer to exosomes	Microbiology & Cell Science	Gainesville Campus
Ferrarezi, Johnny	Lafreniere, Paul	Enhance cropping systems and grove management tools for grapefruit production	Horticultural Sciences / Indian River REC	Indian River REC / Fort Pierce
Fletcher, Rob	Kessler, Valerie	Spatial ecology and conservation using insects as a model system	School of Forest Resources & Conservation	Gainesville Campus
Fletcher, Rob	Long, Gianette	Spatial ecology and conservation: habitat fragmentation and connectivity in insects	School of Forest Resources & Conservation	Gainesville Campus
Freyre, Rosanna	Gelber, Benjamin	Evaluation of ginger and turmeric	Environmental Horticulture	Gainesville Campus
Gomez, Celina	Johnson, Blaze	Using LEDs to control vegetative-growth responses of citrus nursery trees grown under short-days	Environmental Horticulture	Gainesville Campus
Hackmann, Tim	Brown, Chalise	Unravelling carbohydrate and energy metabolism of rumen bacteria	Animal Sciences	Gainesville Campus
Hull, Vanessa	Hyatt, Savannah	Representation of Animals in the Media- Implications for Conservation	Wildlife Ecology & Conservation	Gainesville Campus
Jiang, Qiu-Xing	Gonzalez, Adriana	Roles of overexpressed CHGB in neuroendocrine cancers	Microbiology & Cell Science	Gainesville Campus
Jiang, Qiu-Xing	Tetreault, Carly	Roles of overexpressed CHGB in neuroendocrine cancers	Microbiology & Cell Science	Gainesville Campus
Jones, Jennifer	Rojas, Jessica	From Theory to Practice: Using Developmental Theory to Promote Engaged Philanthropy	Family, Youth & Community Sciences	Gainesville Campus

Khachatryan, Hayk	Aghabekyan, Ani	Investigating consumer preferences for sustainable production methods	Food & Resource Economics / Mid Florida REC	Mid Florida REC / Apopka
Laporta, Jimena	Nelson, Nicole	Exploring the role of serotonin on mammary gland physiology and immunity of dairy cattle	Animal Sciences	Gainesville Campus
Leppla, Norman	Lennon, Kylie	Integrated Pest Management of the Southern Green Stink Bug	Entomology & Nematology	Gainesville Campus
Lucky, Andrea	Nielsen, Alexandra	Ants as indicators of ecosystem resilience and breakdown: the impact of invasive species on ant-mediated seed dispersal	Entomology & Nematology	Gainesville Campus
Mateescu, Raluca	Chirosot, Alexa	Genetics of thermotolerance in beef cattle	Animal Sciences	Gainesville Campus
Mathews, Anne	Abbott, Katherine	Lifestyle and Weight Management Strategies to Improve the Health of Individuals and Communities	Food Science & Human Nutrition	Gainesville Campus
Mathews, Anne	Radosavljevic, Ivana	Lifestyle and Weight Management Strategies to Improve the Health of Individuals and Communities	Food Science & Human Nutrition	Gainesville Campus
McCleery, Bob	Leon, Camila	Rodent Population Pulses in the Longleaf Pine Ecosystem	Wildlife Ecology & Conservation	Swaziland, Africa
McCleery, Bob	Nery Rodriguez, Rosmery	Wildlife Research in Swaziland and Kruger	Wildlife Ecology & Conservation	Gainesville Campus
Miller, Christine	Shepherd, Rachel	Investigating the Heritability of a Survival Behavior	Entomology & Nematology	Gainesville Campus
Miller, Debbie	Cory, Barbara	Impacts of Cliftonia monophylla (black titi) removal on the vegetation dynamics and hydrology of seepage slopes and wet prairies	Wildlife Ecology & Conservation / West Florida REC	West Florida REC / Milton
Moore, Kimberly	Abraham, Chelsea	Sustainable Ornamental Plant Production Protocols	Environmental Horticulture / Fort Lauderdale REC	Fort Lauderdale REC - Fort Lauderdale
Nelson, Corwin	Galvez, Sophia	Influence of vitamin D on immunity and health of animals	Animal Sciences	Gainesville Campus
Ober, Holly	Brownson, Erika	Resource selection by southeastern bats	Wildlife Ecology & Conservation / North Florida REC	North Florida REC / Quincy
Owens, Nicole	Chambers, Kerri-Ann	EFNEP Related Research, Program Evaluation and Outreach	Family, Youth & Community Sciences	Gainesville Campus
Patterson, Josh	Skaggs, Lindsey	Restoration - Coral reef aquaculture and Tampa Bay fish habitat	School of Forest Resources & Conservation / Fisheries & Aquatic Sciences	Apollo Beach
Reynolds, Laura	Vera, Kimberlie	How does seagrass diversity impact fish and invertebrate communities?	Soil & Water Sciences	Gainesville Campus
Rice, Kelly	Smith, Keyonna	Regulation of Physiology by Nitric Oxide Synthase in Staphylococcus Aureus	Microbiology & Cell Science	Gainesville Campus
Scheffers, Brett	Reed, Adar	Climate change impacts on frogs and reptiles that live in trees?	Wildlife Ecology & Conservation	Gainesville Campus
Sharma, Ajay	Hunt, Sara	Ecology and management of southern forests: Evaluation of alternative management systems	School of Forest Resource & Conservation / West Florida REC	West Florida REC / Milton
Sharma, Ajay	Brethauer, Daniel	Ecology and management of southern forests: Evaluation of alternative management systems	School of Forest Resource & Conservation / West Florida REC	West Florida REC / Milton
Stofer, Katie	Berube, Michael	Collaborative Curriculum Design for Invasive Species Education	Ag Education & Communication	Gainesville Campus
Vincent, Chris	Wegener, Mikal	Manipulating citrus growth habit to mitigate the spread of HLB	Horticultural Sciences / Citrus REC	Citrus REC - Lake Alfred
Vogel, Jason	Von Blon, Emily	Guiding pine ecosystems toward ecological resilience	School of Forest Resources & Conservation	Gainesville Campus

Wilkie, Ann	Bjorndal, Lars	Sustainability and Solar Energy	Soil & Water Sciences	Gainesville Campus
Yang, Huiping	Winkel, Cybill	Development of Tetraploid Technology for Florida Oyster Industry	School of Forest Resources & Conservation	Gainesville Campus
Zhao, Xin	Serrano, Tamara	Sustainable High Tunnel Organic Vegetable Production in the Southeast Region	Horticultural Sciences	Gainesville Campus
<b>YARA FUNDED FACULTY/STUDENTS</b>				
Lee, Daniel	Askey, Bryce	Smart Sensing Systems for Precision Agriculture in Florida	Ag & Bio Engineering	Gainesville Campus
Sarkhosh, Ali	Sanchez, Austin	Innovative Horticultural Strategies to Optimize Low-Chill Stone Fruit Production in Florida	Horticultural Sciences	Gainesville Campus
Martens-Habbena, Willm	Chaudhry, Sana	Microbial Nitrogen Cycling in Agricultural Soils	Microbiology & Cell Science / Ft. Lauderdale REC	Fort Lauderdale REC - Fort Lauderdale