

Truth in Testimony Disclosure Form

In accordance with Rule XI, clause 2(g)(5)*, of the *Rules of the House of Representatives*, witnesses are asked to disclose the following information. Please complete this form electronically by filling in the provided blanks.

Committee: Agriculture

Subcommittee: Biotechnology, Horticulture, and Research

Hearing Date: June 12, 2019

Hearing Title :

"Increasing Resiliency, Mitigating Risk: Examining the Research and Extension Needs of Producers"

Witness Name: Fred Gmitter

Position/Title: University of Florida Research Foundation Professor

Witness Type: Governmental Non-governmental

Are you representing yourself or an organization? Self Organization

If you are representing an organization, please list what entity or entities you are representing:

University of Florida Institute of Food and Agricultural Sciences

If you are a **non-governmental witness**, please list any federal grants or contracts (including subgrants or subcontracts) related to the hearing's subject matter that you or the organization(s) you represent at this hearing received in the current calendar year and previous two calendar years. Include the source and amount of each grant or contract. *If necessary, attach additional sheet(s) to provide more information. House Rules do NOT require disclosure of federal payments to individuals, such as farm program payments or assistance to agricultural producers.*

See additional sheet.

If you are a **non-governmental witness**, please list any contracts or payments originating with a foreign government and related to the hearing's subject matter that you or the organization(s) you represent at this hearing received in the current year and previous two calendar years. Include the amount and country of origin of each contract or payment. *If necessary, attach additional sheet(s) to provide more information.*

None.

AWdlD	Awd PI	ReportingSponsor	Total \$ Recd. per FY	FY	Title
00089474	De Vries,Albert	US DEPT OF AG	\$13,742.00	2017	Southeast Quality Milk Initiative: Controlling Mastitis and Improving Milk Quality
AWD01293	Messina Jr,William A	US DEPT OF AG	\$38,615.00	2017	Martin County Food System Feasibility Study
00082513	Stapples,Charles R	US DEPT OF AG	\$25,291.00	2018	Genomic Selection and Herd Management for Improved Food Efficiency of the Dairy Industry.
AWD04110	Dahl,Geoffrey E	US DEPT OF AG	\$204,659.00	2019	FPP, Sri Lanka - Market-Oriented Dairy (MOD) project (IESC)
AWD05728	Zotarelli,Lincoln	US DEPT OF AG	\$18,500.00	2019	2019 Potatoes USA Research: Performance Evaluation of NCP varieties in Florida
00096202	Deng,Zhanao	US DEPT OF AG AG MARKETING SVC	\$0.00	2017	Identify Sterile, Non-invasive Lantana Varieties for Florida Nursery & Landscape Industry
00096232	Brecht,Jeffrey K	US DEPT OF AG AG MARKETING SVC	\$0.00	2017	Integrated Use of Grafting to Improve Sustainability of FL Watermelon Industry
00096237	Zhao,Xin	US DEPT OF AG AG MARKETING SVC	\$0.00	2017	Effective, Sustainable Management of Thrips in Fruits and Vegetables
00096314	Funderburk,Joseph E	US DEPT OF AG AG MARKETING SVC	\$0.00	2017	Effective, Sustainable Management of Thrips in Fruits and Vegetables
00098990	Zotarelli,Lincoln	US DEPT OF AG AG MARKETING SVC	\$0.00	2017	Determination of a Crop Coefficient for Florida Peach Production
00099261	Vallad,Gary Edward	US DEPT OF AG AG MARKETING SVC	\$0.00	2017	Advancing Integrated Practices and Host Resistance for Managing Target Spot
AWD01275	Gilllett-Kaufman,Jennifer Lynn	US DEPT OF AG AG MARKETING SVC	\$130,286.00	2017	Florida Olive Insect Pest Survey and Extension IPM Plan Development
AWD01287	Hochmuth,Robert Conway	US DEPT OF AG AG MARKETING SVC	\$73,905.00	2017	Developing an IPM Program for Wireworm Control in Sweet Potato
AWD01288	Dittmar,Peter J	US DEPT OF AG AG MARKETING SVC	\$99,569.00	2017	Reduction of potato skinning with appropriate timing and type of desiccation before harvest.
AWD01289	Darnell,Rebecca L	US DEPT OF AG AG MARKETING SVC	\$139,492.00	2017	Grafted blueberry plants: a lower cost, lower input, increased disease tolerance production system
AWD01290	Zhao,Xin	US DEPT OF AG AG MARKETING SVC	\$146,528.00	2017	Integrated Use of Grafting to Improve Sustainability of Florida Watermelon Industry
AWD01291	Andersen,Peter C	US DEPT OF AG AG MARKETING SVC	\$65,966.00	2017	Diversification of Fresh Market Citrus in North Florida
AWD01292	Beeson Jr,Richard C	US DEPT OF AG AG MARKETING SVC	\$48,843.00	2017	Inoculating Greenhouse Grown Citrus with Mycorrhizae During Production for Enhanced Vigor and Survival when Outplanted
AWD01294	Paret,Mathews	US DEPT OF AG AG MARKETING SVC	\$229,004.00	2017	Development of an improved crop scouting technique incorporating UAV - Multi-spectral imaging into conventional scouting practices on Florida cucurbits
AWD01295	Agehara,Shinsuke	US DEPT OF AG AG MARKETING SVC	\$117,222.00	2017	Supporting the Development of Florida Blackberry Industry
AWD01297	Smith,Hugh A	US DEPT OF AG AG MARKETING SVC	\$91,987.00	2017	Reducing Irregular Ripening and Secondary Spread of TYLCV in Florida Tomato
AWD01298	Chase,Carlene Ann	US DEPT OF AG AG MARKETING SVC	\$117,859.00	2017	The Greening of Strawberry Plasticulture
AWD01299	Andersen,Peter C	US DEPT OF AG AG MARKETING SVC	\$58,116.00	2017	Yield, quality and profitability of peach production in north Florida
AWD01300	Deng,Zhanao	US DEPT OF AG AG MARKETING SVC	\$92,952.00	2017	Pomegranate variety trials and nutrient needs study to support a rapidly emerging specialty crop industry
AWD01316	Skvarch Jr,Edward A	US DEPT OF AG AG MARKETING SVC	\$66,941.00	2017	Evaluating the Potential for hops as a Florida specialty crop
AWD01318	Treadwell,Danielle D	US DEPT OF AG AG MARKETING SVC	\$96,321.00	2017	Educational Teams, Training, and Technical Assistance on Food Safety and Farm Establishment for Small, Specialty Crop Producers
AWD01323	Theford,Mack	US DEPT OF AG AG MARKETING SVC	\$178,014.00	2017	Establishment and management of olive orchards in Florida
AWD01324	Hutton,Samuel F	US DEPT OF AG AG MARKETING SVC	\$164,846.00	2017	Accelerating the development and adoption of mechanically harvestable tomatoes
AWD01325	Seal,Dakshina R	US DEPT OF AG AG MARKETING SVC	\$161,597.00	2017	Management Techniques for Controlling Thrips Vectors of tospoviruses with emphasis on the determination of virus transmission potential of melon thrips, Thrips palmi Karny
AWD01327	Agehara,Shinsuke	US DEPT OF AG AG MARKETING SVC	\$87,917.00	2017	Establishing an Artichoke Production System for Florida Growers
AWD01328	Sargent,Steven Alonzo	US DEPT OF AG AG MARKETING SVC	\$133,826.00	2017	Reducing storage decay in fresh sweetcorn by optimizing postharvest sanitation and cooling
AWD01360	Boyd,Nathan S	US DEPT OF AG AG MARKETING SVC	\$91,120.00	2017	Precision herbicide application technologies for plasticulture vegetable production
AWD01378	Boyd,Nathan S	US DEPT OF AG AG MARKETING SVC	\$141,578.00	2017	Management of intercropped strawberry, pepper, eggplant, and cantaloupe to maximize yield and economic return
AWD01445	Foilmonova,Svetlana Yuryevna	US DEPT OF AG AG MARKETING SVC	\$104,734.00	2017	Utilizing the Citrus Microbiome to Manage Citrus Huanglongbing Disease
AWD01595	Liburd,Oscar Emanuel	US DEPT OF AG AG MARKETING SVC	\$144,954.00	2017	Advancing integrated management strategies for invasive thrips in small fruit crops
AWD01742	Funderburk,Joseph E	US DEPT OF AG AG MARKETING SVC	\$244,363.00	2017	Management of emerging tospoviruses in south Florida
AWD02148	Chaparro,Jose Xavier	US DEPT OF AG AG MARKETING SVC	\$146,528.00	2017	Disease-resistant Citrus Varieties Better Adapted to North Central Florida
00096202	Deng,Zhanao	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	Identify Sterile, Non-invasive Lantana Varieties for Florida Nursery & Landscape Industry
00096232	Brecht,Jeffrey K	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	Impact of Nitrogen Rates on Postharvest Peach Fruit Quality
00098948	Rathinasabapathi,Balasubramani	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	IMPROVED SPECIALTY PEPPER CULTIVARS FOR FLORIDA'S FRESH PRODUCE MARKET
00098959	Ahn,SooHyoun	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	ESTABLISHING A HOP PRODUCTION SYSTEM FOR FLORIDA GROWER
00098976	Deng,Zhanao	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	ESTABLISHING A HOP PRODUCTION SYSTEM FOR FLORIDA GROWER
00098990	Zotarelli,Lincoln	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	Determination of a Crop Coefficient for Florida Peach Production
00099064	Funderburk,Joseph E	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	MANAGEMENT OF EMERGING TOSPOVIRUSES IN SOUTH FLORIDA
00099087	Roberts,Pamela D	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	Moving towards implementation of the Cornell Decision Support System to increase efficacy of management of late blight on tomato and potato in Florida
00099107	Smith,Hugh A	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	ADDRESSING CRITICAL NEEDS FOR THE RAPIDLY EXPANDING HYDROPONIC AND PROTECTED AGRICULTURE INDUSTRIES
00099169	Vallad,Gary Edward	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	DISEASE MANAGEMENT STRATEGIES FOR FLORIDA'S EMERGING POMEGRANATE INDUSTRY
00099221	Vallad,Gary Edward	US DEPT OF AG AG MARKETING SVC	\$0.60	2018	ADVANCING INTEGRATED PRACTICES FOR MANAGING BACTERIAL SPOT IN TOMATO TRANSPLANTS
00099367	Sandoya Miranda,German V	US DEPT OF AG AG MARKETING SVC	\$360.00	2018	Breeding Lettuce for High Resistance to Bacterial Leaf Spot
AWD01297	Smith,Hugh A	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	Reducing Irregular Ripening and Secondary Spread of TYLCV in Florida Tomato
AWD01298	Chase,Carlene Ann	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	The Greening of Strawberry Plasticulture
AWD01318	Treadwell,Danielle D	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	Educational Teams, Training, and Technical Assistance on Food Safety and Farm Establishment for Small, Specialty Crop Producers
AWD01595	Liburd,Oscar Emanuel	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	Advancing integrated management strategies for invasive thrips in small fruit crops
AWD01742	Funderburk,Joseph E	US DEPT OF AG AG MARKETING SVC	\$0.00	2018	Management of emerging tospoviruses in south Florida
AWD02417	Dale,Adam G	US DEPT OF AG AG MARKETING SVC	\$5,740.00	2018	Determining potential impact of elongate hemlock scale on shipped Christmas trees into Florida
AWD02659	Brecht,Jeffrey K	US DEPT OF AG AG MARKETING SVC	\$34,870.00	2018	Revising USDA AMS Handbook Number 669 - Protecting Perishable Foods During Transport by Truck
AWD03377	Beuzelin,Julien M	US DEPT OF AG AG MARKETING SVC	\$127,069.00	2018	Improving population monitoring and insecticidal control for silk fly management in Florida sweet corn
AWD03406	Wright,Anita Christine	US DEPT OF AG AG MARKETING SVC	\$53,210.00	2018	Application of Chitosan Microparticles to Eliminate Foodborne Pathogens in Agricultural Water that Contacts Fresh Produce
AWD03554	Deng,Zhanao	US DEPT OF AG AG MARKETING SVC	\$148,978.00	2018	Pathogen-eradicated, true-to-type caladium seed stock for Florida nursery and landscape industry
AWD03557	Vashisth,Tripti	US DEPT OF AG AG MARKETING SVC	\$143,632.00	2018	Improving the production of subtropical peaches by uniform induction and release of dormancy with aid of plant growth regulators
AWD03611	Dufault,Nicholas S	US DEPT OF AG AG MARKETING SVC	\$159,594.20	2018	Transferring and developing disease risk tools for improving the integrated management of Fusarium oxysporum f. sp. niveum in watermelon
AWD03625	Digenmaro,Peter	US DEPT OF AG AG MARKETING SVC	\$95,325.00	2018	SCBG No. 14: Biological and molecular characterization of soil suppressiveness to root-knot nematodes in sustainable crop production systems in Florida
AWD03676	Ritenour,Mark A	US DEPT OF AG AG MARKETING SVC	\$198,179.00	2018	Plant essential oils to enhance decay control of Florida fresh strawberries
AWD03724	Schumann,Arnold Walter	US DEPT OF AG AG MARKETING SVC	\$138,003.00	2018	Robotic Artificial Intelligence for scouting Citrus Undercover Production Systems
AWD03749	Liburd,Oscar Emanuel	US DEPT OF AG AG MARKETING SVC	\$131,485.00	2018	SCBG No. 59: Identification and control of a damaging flatheaded borer pest in blueberries
AWD03765	Smith,Hugh A	US DEPT OF AG AG MARKETING SVC	\$118,087.12	2018	SCBG No. 8: Assessing the threat of the Q biotype of Bemisia tabaci to Florida agriculture
AWD03823	Rathinasabapathi,Balasubramani	US DEPT OF AG AG MARKETING SVC	\$81,371.31	2018	Nematode-resistant pepper varieties for Florida
AWD03827	Zhang,Shouan	US DEPT OF AG AG MARKETING SVC	\$244,466.00	2018	Exploration and Application of a Novel Systemic Acquired Resistance (SAR) Inducer for Management of Important Diseases in Vegetable Crops
AWD03828	Boyd,Nathan S	US DEPT OF AG AG MARKETING SVC	\$175,537.00	2018	Weed Management Plans for Plasticulture Tomato
AWD03829	Agehara,Shinsuke	US DEPT OF AG AG MARKETING SVC	\$225,210.00	2018	2018 FDACS SCBG Pre: Development of Viable Production Methods for Hop Production in Florida
AWD03830	Lee,Tong Geon	US DEPT OF AG AG MARKETING SVC	\$197,857.00	2018	2018 FDACS SCBG Pre: Leveraging CRISPR genome-editing technology to improve resistance to root-knot nematode in tomato
AWD03832	Boyd,Nathan S	US DEPT OF AG AG MARKETING SVC	\$140,700.00	2018	2018 FDACS SCBG Pre: Multi-cropping techniques for vegetable growers

AWD03932	Roberts,Pamela D	US DEPT OF AG AG MARKETING SVC	\$250,873.00	2018	Expansion of decision support systems for foliar diseases of tomato
AWD03963	Qureshi,Jawwad A	US DEPT OF AG AG MARKETING SVC	\$153,017.00	2018	Development and dissemination of diagnostic technology for American serpentine leafminer, <i>Liriomyza trifolii</i> resistance to insecticides
00098948	Rathinasabapathi,Balasubramani	US DEPT OF AG AG MARKETING SVC	\$0.00	2019	IMPROVED SPECIALTY PEPPER CULTIVARS FOR FLORIDA'S FRESH PRODUCE MARKET
AWD01289	Darnell,Rebecca L	US DEPT OF AG AG MARKETING SVC	\$0.00	2019	Grafted blueberry plants: a lower cost, lower input, increased disease tolerance production system
AWD01290	Zhao,Xin	US DEPT OF AG AG MARKETING SVC	\$0.00	2019	Integrated Use of Grafting to Improve Sustainability of Florida Watermelon Industry
AWD01298	Chase,Carlene Ann	US DEPT OF AG AG MARKETING SVC	\$0.00	2019	The Greening of Strawberry Plasticulture
AWD01300	Deng,Zhanao	US DEPT OF AG AG MARKETING SVC	\$0.00	2019	Pomegranate variety trials and nutrient needs study to support a rapidly emerging specialty crop industry
AWD01328	Sargent,Steven Alonzo	US DEPT OF AG AG MARKETING SVC	\$0.00	2019	Developed storage decay in fresh sweetcorn by optimizing postharvest sanitation and cooling
AWD03406	Wright,Anita Christine	US DEPT OF AG AG MARKETING SVC	\$0.00	2019	Application of Chitosan Microparticles to Eliminate Foodborne Pathogens in Agricultural Water that Contacts Fresh Produce
AWD03823	Rathinasabapathi,Balasubramani	US DEPT OF AG AG MARKETING SVC	\$0.01	2019	Nematode-resistant pepper varieties for Florida
AWD03963	Qureshi,Jawwad A	US DEPT OF AG AG MARKETING SVC	\$0.00	2019	Development and dissemination of diagnostic technology for American serpentine leafminer, <i>Liriomyza trifolii</i> resistance to insecticides
AWD04578	Ahn,Sooheyoun	US DEPT OF AG AG MARKETING SVC	\$50,150.00	2019	Florida Food Safety & Entrepreneurship Incubator for Florida Farmers Markets
AWD05247	Sandoya Miranda,German V	US DEPT OF AG AG MARKETING SVC	\$156,003.00	2019	Comprehensive Lettuce Downy Mildew Management
AWD05253	Sarkhosh,Ali	US DEPT OF AG AG MARKETING SVC	\$149,976.00	2019	Strategies to Improve Peach Fruit Quality and Size
AWD05254	Kanissery,Ramdas Gopinath	US DEPT OF AG AG MARKETING SVC	\$90,194.00	2019	Anhydrous Ammonia - Alternative Soil Fumigant
AWD05257	Deng,Zhanao	US DEPT OF AG AG MARKETING SVC	\$179,662.00	2019	Identifying Cadmium Cultivars with Resistance to Major Diseases and Nematodes for Florida Growers
AWD05258	Huo,Heqiang	US DEPT OF AG AG MARKETING SVC	\$193,517.00	2019	Development of Hop Cultivars and Their Production Management System for Florida Growers
AWD05259	Deng,Zhanao	US DEPT OF AG AG MARKETING SVC	\$181,030.00	2019	Identifying Sterile, Non-invasive Cultivars in Lantana, Ligustrum and Nandina for Florida's Environmental Horticulture Industry
AWD05260	Desaegeer,Johan	US DEPT OF AG AG MARKETING SVC	\$139,289.00	2019	Non-fumigant nematocide cocktails
AWD05261	Sarnoski,Paul J	US DEPT OF AG AG MARKETING SVC	\$146,491.00	2019	Developing a Florida Tomato Products Industry to Benefit Additional Cropping Solutions for the Existing Packing/Processing Houses in Florida
AWD05262	Chen,Jianjun	US DEPT OF AG AG MARKETING SVC	\$115,007.00	2019	Development of Viable Methods for Producing a New Crop: Yacon in Florida
AWD05263	Marble,Stephen Christopher	US DEPT OF AG AG MARKETING SVC	\$71,500.00	2019	Advancing Integrated Weed Management Strategies for Container-grown Specialty Crop Producers
AWD05264	Zhang,Shouan	US DEPT OF AG AG MARKETING SVC	\$210,261.00	2019	Exploration and Implementation of Novel Small Molecule Compounds for Management of Bacterial Spot in Tomato
AWD05268	Meru,Geoffrey Mugambi	US DEPT OF AG AG MARKETING SVC	\$270,220.00	2019	Managing emerging threat by three whitefly-transmitted viruses (CuLCRV, CYSDV, and SqVYV) in commercial vegetable production
AWD05270	Liburd,Oscar Emanuel	US DEPT OF AG AG MARKETING SVC	\$156,020.00	2019	Integrating attract-and-kill, biological control, and disruption in gut microbiota to improve management of <i>Drosophila suzukii</i> in Florida blueberries
AWD05281	Athearn,Kevin R	US DEPT OF AG AG MARKETING SVC	\$104,023.00	2019	Profitable Development of Protected Agriculture
AWD05294	Crane,Jonathan H	US DEPT OF AG AG MARKETING SVC	\$234,436.00	2019	'Tahiti' limes and lime-hybrids, citrus greening rootstocks
AWD05306	Beuzelin,Julien M	US DEPT OF AG AG MARKETING SVC	\$105,249.00	2019	Combating insecticide resistance in silk flies infesting Florida sweet corn
AWD05324	Williamson,Jeffrey G	US DEPT OF AG AG MARKETING SVC	\$157,227.00	2019	Optimizing Nitrogen Fertilization in Blueberry
AWD05364	Odero,Dennis C	US DEPT OF AG AG MARKETING SVC	\$132,003.00	2019	Novel weed control for leafy vegetable production
AWD05419	Liu,Guodong	US DEPT OF AG AG MARKETING SVC	\$148,730.00	2019	Optimizing Nitrogen Rates and Postharvest Quality for Luffa and Yardlong Bean Production in NE Florida
AWD05611	Zhang,Shouan	US DEPT OF AG AG MARKETING SVC	\$0.00	2019	Regional Approach to Cucurbit Downy Mildew Prevention, Monitoring and Management
AWD05744	Yagiz,Yavuz	US DEPT OF AG AG MARKETING SVC	\$32,558.00	2019	Sensor-Assisted Sustainable and High Quality Strawberry Production
AWD05766	Agehara,Shinsuke	US DEPT OF AG AG MARKETING SVC	\$109,606.00	2019	Mechanical Picker for Strawberry Harvesters
AWD05785	Brecht,Jeffrey K	US DEPT OF AG AG MARKETING SVC	\$13,558.00	2019	Smart Strawberry Monitoring and Logistics
00087873	Gu,Liwei	US DEPT OF AG AG RES SVC	\$37,540.00	2017	Quality Assurance Services and Support for IR-4 Minor Use Pesticides at State Facilities in New Jersey and Similar Locations
00090688	Osborne,Lance S	US DEPT OF AG AG RES SVC	\$58,558.25	2017	Evolving and Integration of Management Plans for Major Taxonomic Groups (Thrips, Whiteflies, Mealybugs, Caterpillars) and Potential New Invasive Pests of Ornamental and Floriculture Production
00090926	Norman,David J	US DEPT OF AG AG RES SVC	\$53,398.00	2017	Host Pathogen Interaction of Cool Tolerant Bacterial Wilt Strains
00090989	Fisher,Paul R	US DEPT OF AG AG RES SVC	\$24,272.00	2017	Nutrient, water, and labor efficiency in floriculture production
00091028	Ploetz,Randy C	US DEPT OF AG AG RES SVC	\$19,395.00	2017	Optimization of Disease Resistance Phenotyping Methodologies in Cocoa, Avocado and Mango
00094384	Swisher,Marilyn E	US DEPT OF AG AG RES SVC	\$63,000.00	2017	Extension and Outreach of Anaerobic Soil Disinfestation in the Southeast
00094419	Wilson,Patrick Christopher	US DEPT OF AG AG RES SVC	\$65,000.00	2017	On-Farm Demonstrations of Anaerobic Soil Disinfestation
00094436	Gao,Zhifeng	US DEPT OF AG AG RES SVC	\$45,000.00	2017	Economic analysis of anaerobic soil disinfestation in the southeastern United States
00094671	Bloomquist,Jeffrey R	US DEPT OF AG AG RES SVC	\$315,000.00	2017	Synthesis of Novel Insecticides using Structure-Activity Guided Design
00095018	Zhao,Xin	US DEPT OF AG AG RES SVC	\$85,000.00	2017	Anaerobic Soil Disinfestation for High Tunnel Tomato Production in Florida
00095118	Zhao,Xin	US DEPT OF AG AG RES SVC	\$105,000.00	2017	Anaerobic Soil Disinfestation for Florida Commercial Tomato Production
00097059	Bloomquist,Jeffrey R	US DEPT OF AG AG RES SVC	\$495,046.00	2017	Discovery and Development of New Public Health Pesticides
00097167	He,Zhenli	US DEPT OF AG AG RES SVC	\$15,000.00	2017	Evaluation of Soil Quality Parameters in Tropical Soils and Assessment of Elemental Composition in Tropical Crops
00097708	Hoogenboom,Gerrit	US DEPT OF AG AG RES SVC	\$144,028.00	2017	The Agricultural Model Intercomparison and Improvement Project (AgMIP):Sub-Saharan Africa and South Asia: University of Florida Work Plan 2014 II 2016
00098153	Mannion,Catharine Mary	US DEPT OF AG AG RES SVC	\$10,000.00	2017	Temporal and Spatial Genetic Diversity of <i>Helicoverpa zea</i>
00098830	Leppia,Norman C	US DEPT OF AG AG RES SVC	-\$4,018.40	2017	Acquisition of Goods and Services
00099086	Gettys,Lyn A	US DEPT OF AG AG RES SVC	\$18,636.77	2017	Acquisition of Goods and Services
00099103	Hahn,Daniel Allen	US DEPT OF AG AG RES SVC	\$130,000.00	2017	Improvement of Genetically Modified Fruit Fly Strains for Use in the Sterile Insect Technique (SIT)
00099230	Leppia,Norman C	US DEPT OF AG AG RES SVC	\$44,091.50	2017	Acquisition of Goods and Services
00099308	Albrecht,Ute	US DEPT OF AG AG RES SVC	\$84,646.00	2017	Metabonomic profiling to accelerate development of HLB tolerant rootstocks
00099578	Kropp,Jaclyn Donna	US DEPT OF AG AG RES SVC	\$0.00	2017	EXPANDING THE IMPACT OF THE CORNELL CENTER FOR BEHAVIORALECONOMICS IN CHILD NUTRITION PROGRAMS
AWD00202	Freeman,Joshua H	US DEPT OF AG AG RES SVC	\$18,147.00	2017	Effects of Grafting and Soil Treatments on Nematode Populations and Root Disease in North Florida Vegetable and Melon Production
AWD00208	Jones,Jeffrey B	US DEPT OF AG AG RES SVC	\$93,000.00	2017	Determinative Identification of Bacteria Associated with Sustainable Cropping Systems
AWD00345	Hutton,Samuel F	US DEPT OF AG AG RES SVC	\$11,640.00	2017	Discovery of Novel Fusarium Wilt Race 3 Resistance Loci from <i>Solanum pennellii</i> and Advancement of Resistance into Cultivated Tomato
AWD00410	Wilson,Patrick Christopher	US DEPT OF AG AG RES SVC	\$100,000.00	2017	Using Degraded Water Resources for Irrigation in the production of Horticultural Crops
AWD00432	Settles,Andrew M	US DEPT OF AG AG RES SVC	\$40,000.00	2017	Developing Automated Solutions for Maize Haplloid Classification
AWD00637	Wang,Jianping	US DEPT OF AG AG RES SVC	\$7,794.00	2017	Supplemental Funding to Support the EPG Conference/Workshop at the University of Florida Citrus Research and Education Center
AWD00735	Hoogenboom,Gerrit	US DEPT OF AG AG RES SVC	\$55,000.00	2017	Genomic sequencing of sugarcane pathogens
AWD00785	Zotarelli,Lincoll	US DEPT OF AG AG RES SVC	\$60,000.00	2017	Targeted Improvements in DSSAT and CSM to Support ALARC Model Applications
AWD00801	Hoogenboom,Gerrit	US DEPT OF AG AG RES SVC	\$25,000.00	2017	Potato Genetic Improvement for Eastern U.S. Production
AWD00890	Rollins,Jeffrey A	US DEPT OF AG AG RES SVC	\$60,000.00	2017	UF-Targeted Improvements in the DSSAT and CSM Modeling Software to Support G x E x M Analyses
AWD01531	Leppia,Norman C	US DEPT OF AG AG RES SVC	\$69,496.00	2017	Enhancing Basal Resistance to Sclerotinia Sclerotiorum in Brassica
AWD01547	Gettys,Lyn A	US DEPT OF AG AG RES SVC	\$57,200.00	2017	Acquisition of Goods and Services
00090688	Osborne,Lance S	US DEPT OF AG AG RES SVC	\$31,163.00	2017	Acquisition of Goods and Services (2017-2018)
00090926	Norman,David J	US DEPT OF AG AG RES SVC	\$169,574.00	2018	Evolving and Integration of Management Plans for Major Taxonomic Groups (Thrips, Whiteflies, Mealybugs, Caterpillars) and Potential New Invasive Pests of Ornamental and Floriculture Production
00090989	Fisher,Paul R	US DEPT OF AG AG RES SVC	\$53,295.00	2018	Host Pathogen Interaction of Cool Tolerant Bacterial Wilt Strains
00094419	Wilson,Patrick Christopher	US DEPT OF AG AG RES SVC	\$24,225.00	2018	Nutrient, water, and labor efficiency in floriculture production
			\$55,000.00	2018	On-Farm Demonstrations of Anaerobic Soil Disinfestation

00094436	Gao,Zhifeng	US DEPT OF AG AG RES SVC	\$45,000.00	2018	Economic analysis of anaerobic soil disinfection in the southeastern United States
00094671	Bloomquist,Jeffrey R	US DEPT OF AG AG RES SVC	\$250,000.00	2018	Synthesis of Novel Insecticides using Structure-Activity Guided Design
00095018	Zhao,Xin	US DEPT OF AG AG RES SVC	\$75,000.00	2018	Anaerobic Soil Disinfection for High Tunnel Tomato Production in Florida
00095118	Zhao,Xin	US DEPT OF AG AG RES SVC	\$75,000.00	2018	Anaerobic Soil Disinfection for Florida Commercial Tomato Production
00095669	Funderburk,Joseph E	US DEPT OF AG AG RES SVC	\$0.00	2018	Collaborative Research on Emerging Plant Viruses and Their Insect Vectors
00097167	He,Zhenli	US DEPT OF AG AG RES SVC	\$5,000.00	2018	Evaluation of Soil Quality Parameters in Tropical Soils and Assessment of Elemental Composition in Tropical Crops
00097498	Gmitter Jr, Frederick G	US DEPT OF AG AG RES SVC	\$15,496.00	2018	Investigation of Sugars, Acids, Flavonoids and Limonoids in Citrus Lines with Varying Degrees of Tolerance to Citrus Greening or Huanglongbing
00099103	Hahn,Daniel Allen	US DEPT OF AG AG RES SVC	\$103,088.00	2018	Improvement of Genetically Modified Fruit Fly Strains for Use in the Sterile Insect Technique (SIT)
00099308	Albrecht,Ute	US DEPT OF AG AG RES SVC	\$84,496.00	2018	Metabonomic profiling to accelerate development of HLB tolerant rootstocks
00099517	Clark,David G	US DEPT OF AG AG RES SVC	\$53,295.00	2018	Development of CDNA Microarrays for Gene Expression Research in Floricultural Crops
AWD00208	Jones,Jeffrey B	US DEPT OF AG AG RES SVC	\$93,000.00	2018	Determinative Identification of Bacteria Associated with Sustainable Cropping Systems
AWD00410	Wilson,Patrick Christopher	US DEPT OF AG AG RES SVC	\$40,000.00	2018	Using Degraded Water Resources for Irrigation in the production of Horticultural Crops
AWD00432	Settles,Andrew M	US DEPT OF AG AG RES SVC	\$50,000.00	2018	Developing Automated Solutions for Maize Haploid Classification
AWD01531	Leppla,Norman C	US DEPT OF AG AG RES SVC	\$49,870.00	2018	Acquisition of Goods and Services
AWD01547	Gettys,Lyn A	US DEPT OF AG AG RES SVC	\$19,663.00	2018	Acquisition of Goods and Services (2017-2018)
AWD02566	Goss,Erica M	US DEPT OF AG AG RES SVC	\$5,000.00	2018	Genetic Diversity Studies of Phytophthora species
AWD02696	Hoogenboom,Gerrit	US DEPT OF AG AG RES SVC	\$70,000.00	2018	Strengthening the Cropping System Model to Support Genotype by Environment by Management (G x E x M) Analyses
AWD02746	Nuessly,Gregg Stephen	US DEPT OF AG AG RES SVC	\$46,000.00	2018	Area-wide Pest Management of the Invasive Sugarcane Aphid in Grain Sorghum - University of Florida, Florida
AWD02871	Weeks,Emma N J	US DEPT OF AG AG RES SVC	\$34,552.00	2018	An Attract-and-Kill device for the Asian Citrus Psyllid
AWD02909	Silveira,Maria Lucia	US DEPT OF AG AG RES SVC	\$349,003.00	2018	Long-Term Agroecosystem Research Network, Archbold-University of Florida LTAR site, Range Cattle Research and Education Center
AWD02935	Reisch,Christopher	US DEPT OF AG AG RES SVC	\$128,966.00	2018	Development of Tn-Seq Methods for the Functional Characterization of Bacteria
AWD03890	Gettys,Lyn A	US DEPT OF AG AG RES SVC	\$31,000.01	2018	Acquisition of Goods and Services
AWD03949	Gu,Liwei	US DEPT OF AG AG RES SVC	\$15,502.00	2018	Quality Assurance Services and Support for IR-4 Minor Use Pesticide at State Facilities in New Jersey and Similar Locations
AWD04050	Cano Mogrovejo,Liliana Maria	US DEPT OF AG AG RES SVC	\$131,460.00	2018	Development of a Synthetic Liberibacter as a Cross-Protective Strain Against HLB
AWD04181	Hahn,Daniel Allen	US DEPT OF AG AG RES SVC	\$195,336.00	2018	Analysis and Manipulation of Transgene Expression in Fruit Fly Species for Improved Population Control
00094384	Swisher,Marilyn E	US DEPT OF AG AG RES SVC	\$25,000.00	2019	Extension and Outreach of Anaerobic Soil Disinfection in the Southeast
00094419	Wilson,Patrick Christopher	US DEPT OF AG AG RES SVC	\$45,000.00	2019	On-Farm Demonstrations of Anaerobic Soil Disinfection
00094436	Gao,Zhifeng	US DEPT OF AG AG RES SVC	\$30,278.00	2019	Economic analysis of anaerobic soil disinfection in the southeastern United States
00095018	Zhao,Xin	US DEPT OF AG AG RES SVC	\$67,000.00	2019	Anaerobic Soil Disinfection for High Tunnel Tomato Production in Florida
00095118	Zhao,Xin	US DEPT OF AG AG RES SVC	\$0.00	2019	Anaerobic Soil Disinfection for Florida Commercial Tomato Production
00099517	Clark,David G	US DEPT OF AG AG RES SVC	\$53,295.00	2019	Development of CDNA Microarrays for Gene Expression Research in Floricultural Crops
AWD00208	Jones,Jeffrey B	US DEPT OF AG AG RES SVC	\$68,000.00	2019	Determinative Identification of Bacteria Associated with Sustainable Cropping Systems
AWD00410	Wilson,Patrick Christopher	US DEPT OF AG AG RES SVC	\$40,000.00	2019	Using Degraded Water Resources for Irrigation in the production of Horticultural Crops
AWD00890	Rollins,Jeffrey A	US DEPT OF AG AG RES SVC	\$70,119.00	2019	Enhancing Basal Resistance to Sclerotinia Sclerotiorum in Brassica
AWD02746	Nuessly,Gregg Stephen	US DEPT OF AG AG RES SVC	\$27,104.00	2019	Area-wide Pest Management of the Invasive Sugarcane Aphid in Grain Sorghum - University of Florida, Florida
AWD02909	Silveira,Maria Lucia	US DEPT OF AG AG RES SVC	\$349,003.00	2019	Long-Term Agroecosystem Research Network, Archbold-University of Florida LTAR site, Range Cattle Research and Education Center
AWD02935	Reisch,Christopher	US DEPT OF AG AG RES SVC	\$57,380.00	2019	Development of Tn-Seq Methods for the Functional Characterization of Bacteria
AWD03890	Gettys,Lyn A	US DEPT OF AG AG RES SVC	\$25,477.10	2019	Acquisition of Goods and Services
AWD03949	Gu,Liwei	US DEPT OF AG AG RES SVC	\$15,502.00	2019	Quality Assurance Services and Support for IR-4 Minor Use Pesticide at State Facilities in New Jersey and Similar Locations
AWD04050	Cano Mogrovejo,Liliana Maria	US DEPT OF AG AG RES SVC	\$230,000.00	2019	Development of a Synthetic Liberibacter as a Cross-Protective Strain Against HLB
AWD04297	Cherry,Ronald H	US DEPT OF AG AG RES SVC	\$1.00	2019	Pheromone identification of rice stink bugs in North America
AWD04324	Nunez Villegas,Gerardo	US DEPT OF AG AG RES SVC	\$1,943.00	2019	PLANT EXPLORATION IN FLORIDA TO COLLECT VACCINIUM SPP. (V. arboreum, V. darrowii, V. elliottii, V. myrsinites, and V. stamineum) GERMPLASM FOR CROP IMPROVEMENT
AWD04648	Osborne,Lance S	US DEPT OF AG AG RES SVC	\$169,574.00	2019	Evolving Integrated Management Plans for Major Arthropod Groups and New Invasive Pests of Ornamental and Floriculture Production.
AWD04846	Liburd,Oscar Emanuel	US DEPT OF AG AG RES SVC	\$50,000.00	2019	Pesticide- and attractant-based control of Oriental Fruit flies and related pests of small and large fruit crops
AWD04888	Mannion,Catharine Mary	US DEPT OF AG AG RES SVC	\$363,435.00	2019	Integrated pest management for invasive pests in Florida
AWD04939	Carrillo,Daniel	US DEPT OF AG AG RES SVC	\$30,000.00	2019	Novel Approaches to Controlling Laurel and Fusarium wilt in Avocados
AWD04984	Zotarelli,Lincoln	US DEPT OF AG AG RES SVC	\$15,988.00	2019	Development of Diploid Potato Germplasm for Nitrogen Use Efficiency to Reduce Fertilizer Use and Ground Water Contamination
AWD05001	Fisher,Paul R	US DEPT OF AG AG RES SVC	\$24,225.00	2019	Resilient Plants: Production, Shipping and Postharvest Techniques to Maximize Sales and Sell-Through While Minimizing Inputs (including labor)
AWD05034	Hulcr,Jiri	US DEPT OF AG AG RES SVC	\$30,000.00	2019	Systematics Research Support for Economically Important Bark and Ambrosia Beetles
AWD05073	Norman,David J	US DEPT OF AG AG RES SVC	\$53,295.00	2019	Host Pathogen Interaction of Cool Tolerant Bacterial Wilt Strains
AWD05383	Sandoya Miranda,German V	US DEPT OF AG AG RES SVC	\$1.00	2019	Fusarium Wilt QTL Analysis in Lettuce Cross King Louie x Autumn Gold
AWD05715	Gettys,Lyn A	US DEPT OF AG AG RES SVC	\$3,000.00	2019	Acquisition of Goods and Services
00096344	Wang,Nian	US DEPT OF AG APHIS	\$0.00	2017	Integrated management of HLB for sustainable citrus production in Florida using an integrated management approach
00097832	Stansly,Philip Anzolut	US DEPT OF AG APHIS	\$17,800.00	2017	VALIDATION OF EARLY DETECTION METHOD AND DEVELOPMENT OF HLB DIAGNOSTIC METHOD USING ROOT SAMPLES
AWD00040	Carrillo,Daniel	US DEPT OF AG APHIS	\$30,000.00	2017	Understanding the role of non-citrus hosts and the associated flat mite vectors in the potential incursion and spread of citrus leprosis in Florida
AWD00042	Hodges,Amanda C	US DEPT OF AG APHIS	\$76,466.00	2017	Response Planning for the Old World Bollworm, Helicoverpa armigera
AWD00145	Adams,Damian	US DEPT OF AG APHIS	\$228,000.00	2017	Potential Tree Pest Invasions from Cuba: Pest Diversity, Economic Assessment of Threat, and Cuban Policy Analysis
AWD00311	Ellis,James	US DEPT OF AG APHIS	\$132,000.00	2017	Developing fast and reliable methods for detecting unwanted species and subspecies of honey bees, Apis spp.
AWD00311	Osborne,Lance S	US DEPT OF AG APHIS	\$60,000.00	2017	Neonic stewardship program for the management of the invasive Bemisia whitefly complex
AWD00449	Hodges,Amanda C	US DEPT OF AG APHIS	\$50,000.00	2017	Establishing an Invasive Species Youth Outreach Program in Florida
AWD00510	Osborne,Lance S	US DEPT OF AG APHIS	\$44,984.00	2017	True host assessment of chilli thrips: Development of a knowledge based management program for an invasive thrips on roses
AWD00629	Boughton,Raoul Keith	US DEPT OF AG APHIS	\$134,440.00	2017	Feral Swine Contact and Dispersal - Methods Development and Data Collection
AWD00739	Osborne,Lance S	US DEPT OF AG APHIS	\$114,951.00	2017	Enhanced Mitigation Techniques for Control of Several Exotic Whitefly Species (UF)
AWD00814	Carrillo,Daniel	US DEPT OF AG APHIS	\$119,998.00	2017	Rearing and research support for pests of concern to USDA
AWD00865	Evans,Edward Anthony	US DEPT OF AG APHIS	\$58,555.00	2017	Enhanced Mitigation and Detection of Impatiens, Cucurbit, Hops and Basil Downy Mildews
AWD01478	Stelinski,Lukasz Lech	US DEPT OF AG APHIS	\$489,121.00	2017	An attract-and-kill device for the Asian citrus psyllid
AWD02038	Branham,Marc A	US DEPT OF AG APHIS	\$212,165.00	2017	Increasing Collections and Supporting Development of Identification Tools for Anastrepha and Other Pest Fruit Flies.
AWD02101	Carrillo,Daniel	US DEPT OF AG APHIS	\$62,534.00	2017	FY17 Attractants for Spotted Lanternfly, Lycorma delicatula
AWD02172	Hodges,Amanda C	US DEPT OF AG APHIS	\$45,423.00	2017	A Survey of Hemipteran Cat-Facing Insects and Plum Pox Virus in Florida's Emerging "Low-Chill" Peach Industry
AWD02173	Hodges,Amanda C	US DEPT OF AG APHIS	\$68,440.00	2017	Florida First Detector Training
AWD02220	Hodges,Amanda C	US DEPT OF AG APHIS	\$53,574.00	2017	Invasive Species Pest Youth Outreach Program
AWD00814	Carrillo,Daniel	US DEPT OF AG APHIS	\$319,724.00	2018	Rearing and research support for pests of concern to USDA
AWD02101	Carrillo,Daniel	US DEPT OF AG APHIS	\$17,409.00	2018	FY17 Attractants for Spotted Lanternfly, Lycorma delicatula

AWD02158	Hulcr, Jiri	US DEPT OF AG APHIS	\$186,178.00	2018	Decision support dataset to prevent establishment of exotic tree-killing wood borers in the US
AWD02280	Adams, Damian	US DEPT OF AG APHIS	\$208,273.00	2018	The emerging Cuba-US plant pest pathway: Assessing Cuban pest threats, institutional capacity, and economic impacts
AWD02510	Polston, Jane Elizabeth	US DEPT OF AG APHIS	\$90,000.00	2018	Bermudagrass (Cynodon dactylon L.): A potential host and reservoir of new viruses
AWD02562	Bahder, Brian W	US DEPT OF AG APHIS	\$114,000.00	2018	Rapid and Accurate Diagnostic Identification of Phytoplasmas for the Cooperative Agricultural Pest Survey (CAPS) Program (UFL) FY2017.
AWD02637	Dale, Adam G	US DEPT OF AG APHIS	\$66,485.00	2018	FL FY17 Ornamental Arthropod Workshop Far
AWD02654	Carrillo, Daniel	US DEPT OF AG APHIS	\$30,000.00	2018	Evaluating Brevipalpus Natural Enemies
AWD02685	Smith, Jason Andrew	US DEPT OF AG APHIS	\$137,254.00	2018	FL FY 17 Laurel Wilt Farm Bill Project 6
AWD02756	Boughton, Raoul Keith	US DEPT OF AG APHIS	\$155,102.00	2018	Feral Swine Contact and Dispersal - Methods Development and Data Collection
AWD02788	Carrillo, Daniel	US DEPT OF AG APHIS	\$16,234.00	2018	University of Florida FY17 Ash Product
AWD02846	Ellis, James	US DEPT OF AG APHIS	\$99,420.00	2018	FY17 Controlling small hive beetles
AWD02874	Harmont, Carrie Lapaire	US DEPT OF AG APHIS	\$13,000.00	2018	Phytophthora ramorum Program Diagnostics for APHIS Funded Survey/Regulatory Incidents
AWD02880	Carrillo, Daniel	US DEPT OF AG APHIS	\$92,286.00	2018	Host range, fungal associations and new attractants for Euwallacea fornicatus in Florida
AWD02888	Rogers, Michael E	US DEPT OF AG APHIS	\$323,058.00	2018	FL FY 17 Pesticide Resistance on Asian C
AWD02902	Stansly, Philip Anzolut	US DEPT OF AG APHIS	\$47,500.00	2018	Mitigation of Invasive Pests Using Biological Control in Open Field Tomato Crops
AWD02915	Powell, Charles A	US DEPT OF AG APHIS	\$102,745.00	2018	Control of citrus Huanglongbing for new plantings in Florida with integrated management
AWD02965	Osborne, Lance S	US DEPT OF AG APHIS	\$89,651.00	2018	Enhanced Mitigation Techniques for Control of Several Exotic Whitefly Species Work Plan for FY 17-18
AWD02966	Stelinski, Lukasz Lech	US DEPT OF AG APHIS	\$454,690.00	2018	Addressing whether there is a need for continued vector management under HLB stress
AWD02967	Ellis, James	US DEPT OF AG APHIS	\$55,000.00	2018	Developing molecular and morphometric techniques to differentiate between species of Apis
AWD04367	Carrillo, Daniel	US DEPT OF AG APHIS	\$92,372.00	2018	FY18 ATTRACTANTS FOR SPOTTED LANTERFLY
AWD02280	Adams, Damian	US DEPT OF AG APHIS	\$0.00	2019	The emerging Cuba-US plant pest pathway: Assessing Cuban pest threats, institutional capacity, and economic impacts
AWD02874	Harmont, Carrie Lapaire	US DEPT OF AG APHIS	\$1,409.00	2019	Phytophthora ramorum Program Diagnostics for APHIS Funded Survey/Regulatory Incidents
AWD04650	Hulcr, Jiri	US DEPT OF AG APHIS	\$87,183.00	2019	Sweetgum Inscrubber
AWD04651	Boughton, Raoul Keith	US DEPT OF AG APHIS	\$136,002.00	2019	Implement Methods to Estimate US Feral Swine Population Size & Occupancy Status
AWD04668	Hodges, Amanda C	US DEPT OF AG APHIS	\$54,877.00	2019	FL FY18 First Detector FB Goal 5.0498.00
AWD04699	Carrillo, Daniel	US DEPT OF AG APHIS	\$37,259.00	2019	FL FY18 EAB - Tropical Ash Leaf Production
AWD04776	Hodges, Amanda C	US DEPT OF AG APHIS	\$60,700.00	2019	FL FY18 Youth Outreach FB Goal 5.0237.00
AWD04787	Hodges, Amanda C	US DEPT OF AG APHIS	\$76,235.00	2019	Bagrada Bug, Bagrada hilaris
AWD04832	Carrillo, Daniel	US DEPT OF AG APHIS	\$32,154.00	2019	Semiochemicals for Euwallacea fornicatus in Florida
AWD04860	Osborne, Lance S	US DEPT OF AG APHIS	\$88,168.00	2019	Neonic Stewardship Program for the Management of the Invasive Bemisia Whitefly Complex
AWD04861	Ellis, James	US DEPT OF AG APHIS	\$55,000.00	2019	Identifying molecular markers that can be used to differentiate between the Apis species
AWD04881	Branham, Marc A	US DEPT OF AG APHIS	\$164,700.00	2019	Development of More Rapid and Reliable Diagnostic Tools for All Life Stages of Anastrepha and Other Pest Fruit Flies
AWD04882	Hulcr, Jiri	US DEPT OF AG APHIS	\$90,926.00	2019	Narrowing down the priority offshore wood boring pests in Asia
AWD04890	Carrillo, Daniel	US DEPT OF AG APHIS	\$81,249.00	2019	Mitigation Response to the Potential Detection of Citrus Leprosis CiLV in Florida
AWD04908	Harmont, Carrie Lapaire	US DEPT OF AG APHIS	\$65,500.00	2019	FL FY18 Pramorum Diagnostics
AWD04922	Hodges, Amanda C	US DEPT OF AG APHIS	\$109,763.00	2019	Delivery of Taxonomic Training through Distance Education-Fruit Flies
AWD04958	Bahder, Brian W	US DEPT OF AG APHIS	\$146,438.00	2019	Rapid and accurate diagnostic identification of phytoplasmas
AWD05006	Osborne, Lance S	US DEPT OF AG APHIS	\$78,731.00	2019	True host assessment of chili thrips: Development of a knowledge based management program for an invasive thrips on roses
AWD05011	Carrillo, Daniel	US DEPT OF AG APHIS	\$35,000.00	2019	Greenhouse evaluations of natural enemies of Brevipalpus mites in Florida
AWD05012	Qureshi, Jawwad A	US DEPT OF AG APHIS	\$20,000.00	2019	Biological Control in Open Field Tomato Crops
AWD05019	Grosser, Jude William	US DEPT OF AG APHIS	\$952,966.00	2019	Widespread Field Testing of New HLB-Tolerant Citrus Scions & Rootstocks: Young Tree Evaluation in Field Trials Established by 3 Major MAC-Funded Projects
AWD05295	Qureshi, Jawwad A	US DEPT OF AG APHIS	\$61,821.00	2019	Strengthening Asian citrus psyllid biological control through evaluation of resident predators using biological and molecular techniques to identify promising candidates for augmentative releases
AWD05511	Soranz Ferrarez, Rhuanito	US DEPT OF AG APHIS	\$409,705.40	2019	Evaluation of Potential HLB Tolerant Grapefruit Rootstock/Scion Combinations in the Indian River District of Florida
AWD05871	Schumann, Arnold Walter	US DEPT OF AG APHIS	\$27,000.00	2019	Artificial intelligence apps for smartphones: a modern diagnostic extension tool for citrus growers and home owners to rapidly identify nutrient deficiencies and HLB symptoms in Florida groves
AWD00113	Stefanou, Spiro E	US DEPT OF AG ECONOMIC RES SVC	\$50,000.00	2017	Fruit and Vegetable Data Automation
00098862	Powell, Charles A	US DEPT OF AG ECONOMIC RES SVC	\$65,000.00	2018	DEVELOPMENT OF NOVEL INSECT CONTROL STRATEGIES BASED ON RNAI
AWD00113	Stefanou, Spiro E	US DEPT OF AG ECONOMIC RES SVC	\$35,000.00	2018	Fruit and Vegetable Data Automation
AWD00503	Stefanou, Spiro E	US DEPT OF AG ECONOMIC RES SVC	\$69,996.25	2019	Markets for Recycling Agricultural Plastics
00078443	Shelnett, Karla Pagan	US DEPT OF AG FOOD AND NUTRITION SERVICE	\$1,570,972.07	2017	Family Nutrition Program
AWD00417	Treadwell, Danielle D	US DEPT OF AG FOOD AND NUTRITION SERVICE	\$335,000.00	2017	The FDACS and UF/IFAS Healthy School Environments Agreement
AWD01753	Shelnett, Karla Pagan	US DEPT OF AG FOOD AND NUTRITION SERVICE	\$5,121,889.00	2017	Implementing Agency for SNAP-Ed, Nutrition Education
AWD01753	Shelnett, Karla Pagan	US DEPT OF AG FOOD AND NUTRITION SERVICE	\$10,579,836.00	2018	Implementing Agency for SNAP-Ed, Nutrition Education
AWD01753	Shelnett, Karla Pagan	US DEPT OF AG FOOD AND NUTRITION SERVICE	\$10,579,836.00	2019	Implementing Agency for SNAP-Ed, Nutrition Education
AWD02923	Qureshi, Jawwad A	US DEPT OF AG FOREIGN AG SERVICE	\$39,723.88	2018	BFP17 Morocco (Khiff) Plant Health @UFL
AWD03065	Gu, Liwei	US DEPT OF AG FOREIGN AG SERVICE	\$26,400.00	2018	Development & Utilization of Sufficient Data to Satisfy International Data Requirements for Establishment of Appropriate MRLs to Facilitate the Exports of US Grown Specialty Crops
AWD03974	Gu, Liwei	US DEPT OF AG FOREIGN AG SERVICE	\$22,000.00	2018	Development & Utilization of Sufficient Data to Satisfy International Data Requirements for Establishment of Appropriate Maximum Residue Levels (MRLs) to Facilitate Exports of US Grown Specialty Crops
AWD04036	He, Zhenli	US DEPT OF AG FOREIGN AG SERVICE	\$14,795.00	2018	Research in Cacao Cadmium Reduction
AWD02923	Qureshi, Jawwad A	US DEPT OF AG FOREIGN AG SERVICE	\$0.00	2019	BFP17 Morocco (Khiff) Plant Health @UFL
00090147	Long, Alan J	US DEPT OF AG FOREST SERVICE	\$109,217.00	2017	The Southern Fire Exchange
00090843	Andrew, Michael G	US DEPT OF AG FOREST SERVICE	\$6,500.00	2017	Wildland-Urban Interface Research and Science Delivery
00090914	Austin, James D	US DEPT OF AG FOREST SERVICE	\$2,000.00	2017	Evaluating Climate Change Effects Using Long-Term Data on Amphibian Populations
00097932	Fraisse, Clyde William	US DEPT OF AG FOREST SERVICE	\$91,448.00	2017	Expanding AgroClimate into the Southeast Regional Climate Hub Footprint
AWD000008	Andrew, Michael G	US DEPT OF AG FOREST SERVICE	\$10,000.00	2017	Florida Invasive Species Partnership Outreach Program
AWD000016	Martin, Timothy A	US DEPT OF AG FOREST SERVICE	\$35,000.00	2017	2016/2017 UF Forest Entomology Program
AWD003990	Smith, Jason Andrew	US DEPT OF AG FOREST SERVICE	\$50,000.00	2017	Forest Health Protection - Developing laurel-wilt resistant redbay (Persea borbonia) and swamp bay (Persea palustris)
AWD00708	Peterson, Nancy J	US DEPT OF AG FOREST SERVICE	\$22,000.00	2017	Florida Project Learning Tree- Florida Forest Service Partnership
AWD01093	Flory, Stephen	US DEPT OF AG FOREST SERVICE	\$49,777.79	2017	Field surveys and monitoring for management of cogongrass (Imperata cylindrica) invasions in Florida
AWD01396	Andrew, Michael G	US DEPT OF AG FOREST SERVICE	\$67,353.41	2017	Florida Farm Bill Outreach and Forest Stewardship Program
AWD02253	Fedler, Anthony James	US DEPT OF AG FOREST SERVICE	\$8,000.00	2017	PARTICIPATING AGREEMENT BETWEEN THE UNIVERSITY OF FLORIDA/SCHOOL OF FOREST RESOURCES AND CONSERVATION INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES AND THE USDA, FOREST SERVICE NATIONAL FORESTS IN FLORIDA
00090147	Long, Alan J	US DEPT OF AG FOREST SERVICE	\$114,237.00	2018	The Southern Fire Exchange
00093435	Macdonald, Gregory E	US DEPT OF AG FOREST SERVICE	\$5,000.00	2018	DETERMINATION OF PLOIDY LEVELS IN THE INVASIVE SPECIES COGONGRASS (IMPERATA CYLINDRICA) ACROSS THE RANGE OF INFESTATION IN SOUTHEASTERN UNITED STATES
00098041	Koester, Andrew K	US DEPT OF AG FOREST SERVICE	\$0.00	2018	Utilizing Green Infrastructure to Manage and Mitigate Stormwater to Improve Water Quality
00099589	Smith, Jason Andrew	US DEPT OF AG FOREST SERVICE	\$0.00	2018	Forest Health Diagnostician Position
00099597	Andrew, Michael G	US DEPT OF AG FOREST SERVICE	\$48,135.00	2018	Promoting Outdoor Learning

AWD00390	Smith, Jason Andrew	US DEPT OF AG FOREST SERVICE	\$50,000.00	2018	Forest Health Protection - Developing laurel-wilt resistant redbay (Persea borbonia) and swamp bay (Persea palustris)
AWD01093	Flory, Stephen	US DEPT OF AG FOREST SERVICE	\$0.00	2018	Field surveys and monitoring for management of cogongrass (Imperata cylindrica) invasions in Florida
AWD01396	Andreu, Michael G	US DEPT OF AG FOREST SERVICE	\$3,123.94	2018	Florida Farm Bill Outreach and Forest Stewardship Program
AWD02370	Andreu, Michael G	US DEPT OF AG FOREST SERVICE	\$27,500.00	2018	Urban Research and Science Delivery
AWD02539	Hulcr, Jiri	US DEPT OF AG FOREST SERVICE	\$27,000.00	2018	Characterization of Symbiotic Mycoflora of Non-Native Ambrosia Beetles
AWD02625	Macdonald, Gregory E	US DEPT OF AG FOREST SERVICE	\$26,125.00	2018	Combining ecological and phenological approaches to address potential range expansion by cogongrass (Imperata cylindrica) and d
AWD02903	Macdonald, Gregory E	US DEPT OF AG FOREST SERVICE	\$12,000.00	2018	Genetic analysis to support phenological adaptations to address potential range expansion by cogongrass (Imperata cylindrica) and development of cold-tolerance from the horticultural cultivar (l. cylindrica var. Rubra)
AWD02931	Stein, Taylor Verne	US DEPT OF AG FOREST SERVICE	\$65,000.00	2018	University of Florida Visitor Surveys
AWD03361	Peterson, Nancy J	US DEPT OF AG FOREST SERVICE	\$10,000.00	2018	Florida Project Learning Tree-Florida Forest Service Partnership
AWD03469	Andreu, Michael G	US DEPT OF AG FOREST SERVICE	\$70,477.00	2018	Outreach to Florida landowners to help and encourage active forestry and natural resource management for multiple benefits
00099597	Andreu, Michael G	US DEPT OF AG FOREST SERVICE	\$55,000.00	2019	Promoting Outdoor Learning
AWD00390	Smith, Jason Andrew	US DEPT OF AG FOREST SERVICE	\$0.00	2019	Developing laurel-wilt resistant redbay (Persea borbonia) and swamp bay (Persea palustris)
AWD02370	Andreu, Michael G	US DEPT OF AG FOREST SERVICE	\$8,000.00	2019	Urban Research and Science Delivery
AWD02539	Hulcr, Jiri	US DEPT OF AG FOREST SERVICE	\$27,000.00	2019	Characterization of Symbiotic Mycoflora of Non-Native Ambrosia Beetles
AWD02931	Stein, Taylor Verne	US DEPT OF AG FOREST SERVICE	\$40,000.00	2019	University of Florida Visitor Surveys
AWD04309	Hodges, Alan Wade	US DEPT OF AG FOREST SERVICE	\$33,550.00	2019	Economic Contributions of Urban and Community Forestry in Florida
AWD04625	Smith, Matthew E	US DEPT OF AG FOREST SERVICE	\$25,000.00	2019	The ecological impacts of white-nose syndrome, from forests to caves
AWD04742	Hulcr, Jiri	US DEPT OF AG FOREST SERVICE	\$198,586.00	2019	Potential Asian pests of American tree commodities: development of international capacity for early warning
AWD04790	Hulcr, Jiri	US DEPT OF AG FOREST SERVICE	\$29,367.00	2019	Extension documentary: The Emerald Ash Borer Marching towards Florida
AWD04836	Fraisse, Clyde William	US DEPT OF AG FOREST SERVICE	\$77,000.00	2019	Improving agricultural resiliency to heat and drought stress, and hurricane impacts
AWD04875	Crandall, Raelene M	US DEPT OF AG FOREST SERVICE	\$124,743.00	2019	The Southern Fire Exchange: Putting Fire Science on the Ground
AWD05166	Hulcr, Jiri	US DEPT OF AG FOREST SERVICE	\$76,836.00	2019	Forest Health Extension Assistant
AWD05296	Hulcr, Jiri	US DEPT OF AG FOREST SERVICE	\$59,738.00	2019	Protecting the rebirth of the turpentine industry: monitoring bark beetles in newly tapped pine stands in Florida
AWD05366	Smith, Jason Andrew	US DEPT OF AG FOREST SERVICE	\$50,000.00	2019	Developing laurel-wilt resistant redbay (Persea borbonia) and swamp (Persea palustris): Examining resistance mechanisms in tolerant trees and exploring potential leaf transmission.
AWD05367	Andreu, Michael G	US DEPT OF AG FOREST SERVICE	\$70,000.00	2019	Florida Forest Stewardship Program
AWD05525	Ireland, Jessica J T	US DEPT OF AG FOREST SERVICE	\$10,000.00	2019	Florida Project Learning Tree FY18/19
AWD01795	Liburd, Oscar Emanuel	US DEPT OF AG INTEGR PEST MGMT SO REGION	\$4,910.00	2017	Survey for an Unidentified Flatheaded Borer (Coleoptera: Buprestidae) in Blueberries in the Southeastern U.S.
00097454	Fraisse, Clyde William	US DEPT OF AG NATL AG STAT SERV	\$246,000.00	2017	AgroClimate Crop Yield Risk Prototype Design
AWD02598	Fraisse, Clyde William	US DEPT OF AG NATL AG STAT SERV	\$181,517.00	2018	AgroClimate Crop Yield Risk Prototype Design
AWD04694	Fraisse, Clyde William	US DEPT OF AG NATL AG STAT SERV	\$129,990.00	2019	Agroclimate
00078751	Martin, Timothy A	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	Integrating Research, Education and Extension for Enhanc
00081076	Mccarty, Donald R	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	Epigenetic regulation of the B3 transcription factor network in maize seed development
00085742	Harmon, Carrie Lapaire	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	Ubiquitin Ligase-Mediated Drought Tolerance In Rice And Maize
00086317	Ellis, James	US DEPT OF AG NATL INST OF FOOD & AG	\$97,753.00	2017	Developing sustainable pollination strategies for U.S. specialty crops
00087759	Stelinski, Kristen Suzanne	US DEPT OF AG NATL INST OF FOOD & AG	\$386,824.00	2017	Rear and Release Psyllids as Biological Control Agents - An Economical and Feasible Midterm Solution for HLB Disease of Citrus
00091038	Morgan, Kelly T	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	Smart Phone Apps: Scientific Validation Quantification of Water Conservation
00091216	Burks, Thomas Francis	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	NR: An Integrated Machine Vision-based Control for Citrus Fruit Harvesting Using Enhanced 3D Mapping, Path Planning and Servo Control
00092819	Brecht, Jeffrey K	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	Postharvest Physical Treatments To Reduce Losses Of Organic And Other Locally-Grown Produce While Improving Quality And Extending Shelf Life
00093361	Munoz, Patricia Ricardo	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	Improving breeding efficiency in autotetraploids with genome-wide prediction
00093455	Dahl, Geoffrey E	US DEPT OF AG NATL INST OF FOOD & AG	\$4,850.00	2017	Impact of heat stress on cellular events in the mammary gland during the dry period
00093483	Santos, Jose Eduardo	US DEPT OF AG NATL INST OF FOOD & AG	\$51,197.00	2017	Physiological Basis for Anovulation in High-Producing Dairy Cattle
00093555	Jeong, Kwang Cheol	US DEPT OF AG NATL INST OF FOOD & AG	\$63,233.00	2017	Understanding antibiotic resistance occurrence and development of mitigation strategies in cattle
00093986	Shelnuitt, Karla Pagan	US DEPT OF AG NATL INST OF FOOD & AG	\$1,584,695.00	2017	Strategic Management of Multiple Diseases in Strawberry Nurseries and Production Fields in the Eastern U.S
00095028	Peres, Lauretti, Natalia A	US DEPT OF AG NATL INST OF FOOD & AG	\$130,000.00	2017	Delivering Effective, Sustainable IPM for Specialty Crops: A Priority of the University of Florida IPM Program
00095170	Leppia, Norman C	US DEPT OF AG NATL INST OF FOOD & AG	\$185,420.00	2017	Get Fruved: A peer-led, train-the-trainer social marketing intervention to increase fruit and vegetable intake and prevent childhood obesity
00095244	Mathews, Anne	US DEPT OF AG NATL INST OF FOOD & AG	\$317,987.00	2017	Developing an Infrastructure and Product Test Pipeline to Deliver Novel Therapies for Citrus Greening Disease
00095284	Rumble, Joy N	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	FAMU-Agricultural-Education Mobile Delivery System in North Florida
00095386	Lamm, Alexa J	US DEPT OF AG NATL INST OF FOOD & AG	\$21,770.00	2017	RosBREED: Combining disease resistance with horticultural quality in new rosaceous cultivars
00096065	Whitaker, Vance M	US DEPT OF AG NATL INST OF FOOD & AG	\$291,259.00	2017	Clean Water3 - Reduce, Remediate, Recycle [Enhancing Alternative Water Resources Availability and Use to Increase Profitability in Specialty Crops
00096193	Fisher, Paul R	US DEPT OF AG NATL INST OF FOOD & AG	\$472.17	2017	Florida-Caribbean Consortium for Agriculture Education and Hispanic Workforce Development
00096634	Huffaker, Ray G	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	A Novel Antimicrobial Approach To Combat Huanglongbing Disease
00096935	Lorca, Graciela L	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	Southern Region Program to Clear Pest Agents for Minor Use
00096995	Gu, Liwei	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	Zinkicide A Nanotherapeutic for HLB
00097012	Johnson, Evan G	US DEPT OF AG NATL INST OF FOOD & AG	\$877,595.00	2017	Non-transgenic, near-term RNA interference-based application strategies for managing Diaphorina citri and citrus greening Huanglongbing
00097443	Dawson, William O	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	Limiting Losses to bacterial spot through knowledge of global pathogen diversity, improved seed health, novel bactericides & tomato breeding
00098367	Vallad, Gary Edward	US DEPT OF AG NATL INST OF FOOD & AG	\$45,422.00	2017	CUSTOMIZATION OF PLANT ARCHITECTURE TO INCREASE YIELD FOR FRESH MARKET TOMATO PRODUCTION
00098480	Hutton, Samuel F	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	PERSISTENCE, SURVIVAL, AND RECOVERY OF WARM-SEASON TURFGRASS, FOR SUSTAINABLE URBAN LANDSCAPES UNDER LIMITED IRRIGATION AN,
00098583	Kenworthy, Kevin E	US DEPT OF AG NATL INST OF FOOD & AG	-\$30,000.00	2017	SNAP AND ENEP NUTRITION EDUCATION AND OBESITY PREVENTION CENTER OF EXCELLENCE
00098619	Shelnuitt, Karla Pagan	US DEPT OF AG NATL INST OF FOOD & AG	\$254,500.00	2017	MILITARY FAMILIES LEARNING NETWORK (MFLN) PERSONAL FINANCETEAM PLAN OF WORK FOR PERSONAL FINANCIAL MANAGEMENT PROGRAM
00098715	Gillen, Martie L	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2017	DEVELOPMENT NEW THERAPIES FOR HUANGLONGBING VIA CULTURINGCA. LIBERIBACTER ASIATICUS
00098851	Gabriel, Dean W	US DEPT OF AG NATL INST OF FOOD & AG	\$10,575.00	2017	IR-4 MINOR CROP PEST MANAGEMENT PROGRAM: BIOPESTICIDERESARCH IN SOUTHERN REGION
00098899	Gu, Liwei	US DEPT OF AG NATL INST OF FOOD & AG	\$10,575.00	2017	Information-Based Ecological Management of Potato/Tomato Late Blight
00099021	Roberts, Pamela D	US DEPT OF AG NATL INST OF FOOD & AG	\$3,889.00	2017	Cover Crop Diversity through Evaluation and Increase from Breeder Stocks and Germplasm Repositories
00099154	Paret, Mathews	US DEPT OF AG NATL INST OF FOOD & AG	\$163,885.00	2017	Developing an Infrastructure and Product Test Pipeline to Deliver Novel Therapies for Citrus Greening Disease
00099307	Chase, Carlene Ann	US DEPT OF AG NATL INST OF FOOD & AG	\$38,872.00	2017	Integrated Pest Information Platform for Extension and Education (PIPE) Florida Citrus Component
00099322	Cano Mogrovejo, Lilliana Maria	US DEPT OF AG NATL INST OF FOOD & AG	\$377,022.00	2017	IMPROVING FERTILITY OF DAIRY CATTLE USING TRANSLATIONAL GENOMICS
00099556	Morgan, Kelly T	US DEPT OF AG NATL INST OF FOOD & AG	\$120,722.73	2017	Genomic Selection for Improved Fertility of Dairy Cows with Emphases on Cyclicity and Pregnancy
AWD00135	Hansen, Peter J	US DEPT OF AG NATL INST OF FOOD & AG	\$263,370.00	2017	Design and Delivery of Therapeutic Proteins for HLB Protection
AWD00151	Santos, Jose Eduardo	US DEPT OF AG NATL INST OF FOOD & AG	\$11,110.00	2017	Florida Model State Program 2016-2017 -Training Funds
AWD00277	Moore, Gloria A	US DEPT OF AG NATL INST OF FOOD & AG	\$22,212.00	2017	Florida Model State Program 2016-2017 -Program Assistant Funds
AWD00379	Swisher, Marilyn E	US DEPT OF AG NATL INST OF FOOD & AG	\$32,934.00	2017	Advancing Over The Top Citrus Harvesting Equipment For Fresh Markets: Vision Systems Development
AWD00380	Swisher, Marilyn E	US DEPT OF AG NATL INST OF FOOD & AG			
AWD00503	Burks, Thomas Francis	US DEPT OF AG NATL INST OF FOOD & AG			

AWD00512	Teig,Ricky W	US DEPT OF AG NATL INST OF FOOD & AG	\$149,397.00	2017 Zika Information and Preparedness Campaign
AWD00528	Liburd,Oscar Emanuel	US DEPT OF AG NATL INST OF FOOD & AG	\$12,000.00	2017 Efficacy and Phytotoxicity of Biopesticides for management of Spotted Wing Drosophila (SWD) in blueberry
AWD00605	Oh,S,Cortney L	US DEPT OF AG NATL INST OF FOOD & AG	\$50,000.00	2017 Improved Reproduction in Foodfish (Catfish and Largemouth Bass), Baiffish, and Ornamentals Using a New Spawning Aid (GnRH Ila)
AWD00681	Harrison,Carrie Lapaire	US DEPT OF AG NATL INST OF FOOD & AG	\$539,983.00	2017 The Southern Plant Diagnostic Network
AWD00715	Zhao,Xin	US DEPT OF AG NATL INST OF FOOD & AG	\$49,983.00	2017 Partnership to Explore Integrated Systems for Sustainable High Tunnel Organic Vegetable Production in the Southeast Region
AWD00743	Freeman,Joshua H	US DEPT OF AG NATL INST OF FOOD & AG	\$472,506.00	2017 Investigating the Potential of Ethaneditrile as a Replacement for Soil Fumigation with Methyl Bromide
AWD00745	Ahn,SooHyoun	US DEPT OF AG NATL INST OF FOOD & AG	\$163,284.00	2017 Food Safety Hazards and Preventive Control Education for Beginning and Early-Stage Small-Sized Food Entrepreneurs
AWD00748	Peres Lauretti,Natalia A	US DEPT OF AG NATL INST OF FOOD & AG	\$30,411.00	2017 Implementing disease forecasting in Mid-Atlantic strawberry production to promote industry sustainability
AWD00770	Norman,David J	US DEPT OF AG NATL INST OF FOOD & AG	\$20,000.00	2017 A Biological Efficacy and Phytotoxicity Study of a Novel Oxidant Product for Plant Protection against Pathogens
AWD00778	Dale,Adam G	US DEPT OF AG NATL INST OF FOOD & AG	\$90,112.00	2017 Increasing Student Diversity in Food and Agriculture-Related STEM Disciplines through Undergraduate Classroom-Based Research Experiences
AWD00986	Treadwell,Danielle D	US DEPT OF AG NATL INST OF FOOD & AG	\$57,500.00	2017 Determination of the sex of juvenile sturgeon using a molecular-based diagnostic
AWD01063	Stofer,Kathryn Anne	US DEPT OF AG NATL INST OF FOOD & AG	\$62,181.00	2017 Evaluation of paper bags for pest and disease management in organic peach production
AWD01078	Babar,Md Ali	US DEPT OF AG NATL INST OF FOOD & AG	\$143,950.00	2017 Collaborative Curriculum Design for Invasive Species Education (CCDISE)
AWD01209	Zotarelli,Lincoln	US DEPT OF AG NATL INST OF FOOD & AG	\$250,000.00	2017 Advancing Harvest Index in Wheat through Genomic Enabled Physiological Breeding
AWD01215	Khachatryan,Hayk	US DEPT OF AG NATL INST OF FOOD & AG	\$45,926.00	2017 Developing an Eastern Broccoli Industry through Cultivar Development, Economically and Environmentally Sustainable Production and Delivery
AWD01218	Drew,Jennifer C	US DEPT OF AG NATL INST OF FOOD & AG	\$238,843.00	2017 Protecting Pollinators with Economically Feasible and Environmentally Sound Ornamental Horticulture
AWD01235	Clingensmith,Christopher M	US DEPT OF AG NATL INST OF FOOD & AG	\$281,453.00	2017 Broadening the STEM Pipeline with Research Experiences in Agricultural Science
AWD01270	Ence,Daniel	US DEPT OF AG NATL INST OF FOOD & AG	\$94,983.00	2017 Regional and National Predictions of Key Standard Soil Properties from VNIR Spectra
AWD01280	Davis,Paula Marie	US DEPT OF AG NATL INST OF FOOD & AG	\$149,869.00	2017 Identification of Avirulence (Avr) and Resistance (Fr) Genes in the Cronartium: Pinus Interaction
AWD01281	Davis,Paula Marie	US DEPT OF AG NATL INST OF FOOD & AG	\$16,000.00	2017 2017 4-H Military Partnership Grant
AWD01332	Zotarelli,Lincoln	US DEPT OF AG NATL INST OF FOOD & AG	\$43,750.00	2017 Domestic Military 4-H Partnership Grant
AWD01339	Andreu,Michael G	US DEPT OF AG NATL INST OF FOOD & AG	\$16,775.00	2017 Potato Breeding and Variety Development for Improved Quality and Pest Resistance in the Eastern United States
AWD01347	George,Andrew S	US DEPT OF AG NATL INST OF FOOD & AG	\$56,722.00	2017 Strengthening US Agriculture with Multidisciplinary International Undergraduate Research and Extension Experiences
AWD01351	Perez,Hector E	US DEPT OF AG NATL INST OF FOOD & AG	\$94,979.00	2017 Salmonella regulatory networks that contribute to proliferation in tomato soft rots: mechanisms and food safety implications
AWD01369	Mateescu,Raluca	US DEPT OF AG NATL INST OF FOOD & AG	\$24,950.00	2017 Seeds As Systems: 12th International Society For Seed Science Conference
AWD01379	Soto,Jose R	US DEPT OF AG NATL INST OF FOOD & AG	\$733,000.00	2017 Breeding climate-smart beef cattle
AWD01389	Hill,Jeffrey Eugene	US DEPT OF AG NATL INST OF FOOD & AG	\$143,821.00	2017 Public Preferences for Forest Programs that Reduce Greenhouse Gas Emissions: Climate Change and the Restoration of Longleaf Pine in the Southeastern US
AWD01390	Oh,S,Cortney L	US DEPT OF AG NATL INST OF FOOD & AG	\$2,000.00	2017 Publications, Videos and Computer Software-Year 21
AWD01391	Dimaggio,Matthew A	US DEPT OF AG NATL INST OF FOOD & AG	\$1,000.00	2017 Publications, Videos and Computer Software Year 21
AWD01398	Lamm,Alexa J	US DEPT OF AG NATL INST OF FOOD & AG	\$1,000.00	2017 Publications, Videos and Computer Software Year 21
AWD01431	Henny,Darren D	US DEPT OF AG NATL INST OF FOOD & AG	\$1,000.00	2017 Publications, Videos and Computer Software Year 21
AWD01537	Danyluk,Michelle D	US DEPT OF AG NATL INST OF FOOD & AG	\$13,000.00	2017 FAMU-Agricultural-Education Mobile Delivery System in North Florida
AWD01546	Zhao,Xin	US DEPT OF AG NATL INST OF FOOD & AG	\$93,790.00	2017 Potential of Nitrates to Mitigate Enteric Methane Emissions While Enhancing the Productivity of Beef Cattle/Forage Systems
AWD01640	Cantrell,Randall Alan	US DEPT OF AG NATL INST OF FOOD & AG	\$159,775.00	2017 Bridging the Gap: Effective Risk Mitigation Through Adoption of Agricultural Water Treatment Systems
AWD01672	Adams,Damian	US DEPT OF AG NATL INST OF FOOD & AG	\$386,940.00	2017 Growing new roots: Grafting to enhance resiliency in U.S. vegetable industries
AWD01673	Pienaar,Elizabeth Frances	US DEPT OF AG NATL INST OF FOOD & AG	\$13,997.00	2017 2016-2017 Healthy Homes Partnership subcontract for Florida: Florida Homeflow Program Partnerships
AWD01726	Grosser,Jude William	US DEPT OF AG NATL INST OF FOOD & AG	\$499,729.00	2017 Ecosystem service tradeoffs, landowner incentives, and optimal policy design to promote sustainable Longleaf Pine agroecosystems
AWD01766	Dale,Adam G	US DEPT OF AG NATL INST OF FOOD & AG	\$500,000.00	2017 Engaging Private Landowners in Bioenergy Production: Finding Solutions that Promote Sustainable Agroecosystems while Enhancing Biodiversity and Ecosystem Services
AWD01782	Dimaggio,Matthew A	US DEPT OF AG NATL INST OF FOOD & AG	\$4,714,286.00	2017 An Integrated Approach to the Accelerated Development of Rootstocks that Impart HLB Tolerance to Trees Grafted with Commercial Scions
AWD01807	Davis,Paula Marie	US DEPT OF AG NATL INST OF FOOD & AG	\$77,983.00	2017 Protecting human and environmental health with IPM for urban trees
AWD01833	Schneider,Keith R	US DEPT OF AG NATL INST OF FOOD & AG	\$25,000.00	2017 Commercial Production of Selected Native Freshwater Ornamental Species
AWD01929	Wang,Nian	US DEPT OF AG NATL INST OF FOOD & AG	\$29,596.00	2017 2017 Air Force Active Duty/ANG/AFR Camp Grant
AWD01934	Marble,Stephen Christopher	US DEPT OF AG NATL INST OF FOOD & AG	\$202,334.00	2017 Food Safety Innovations and Preventive Controls during Fresh and Fresh-Cut Produce Washing, Packing, and Retail Display
AWD01954	Athearn,Kevin R	US DEPT OF AG NATL INST OF FOOD & AG	\$911,544.00	2017 Consequences Of Genome Editing The Susceptibility Gene Cslob1 For Citrus Bacterial Canker
AWD01966	Hackmann,Timothy J	US DEPT OF AG NATL INST OF FOOD & AG	\$15,000.00	2017 Developing sustainable and new alternative non-chemical weed control strategies for container nursery growers
AWD01986	Dilorenzo,Nicolas	US DEPT OF AG NATL INST OF FOOD & AG	\$14,744.00	2017 Farmers' Evaluation of Cover Crops Effects on Sandy Soils in the Suwannee River Basin in North Florida
AWD02000	Liburd,Oscar Emanuel	US DEPT OF AG NATL INST OF FOOD & AG	\$99,961.00	2017 Using fluorescent compounds to unveil substrates used by uncultured gut bacteria
AWD02021	Hansen,Peter J	US DEPT OF AG NATL INST OF FOOD & AG	\$467,500.00	2017 Effects of bismut subalicylate and nitrate supplementation on beef production efficiency and environmental impact
AWD02023	Driver,John P	US DEPT OF AG NATL INST OF FOOD & AG	\$14,821.00	2017 Evaluating the effect of biological control and planting mixed varieties to manage whitefly and aphid pests in organic squash
AWD02025	Gonzalez,Claudio F	US DEPT OF AG NATL INST OF FOOD & AG	\$480,000.00	2017 The role of dickkopf-1 to enhance embryonic competence for establishment of pregnancy in cattle
AWD02069	Davis,Paula Marie	US DEPT OF AG NATL INST OF FOOD & AG	\$100,000.00	2017 Testing a role for NKT cells for swine influenza immunity
AWD02088	Athearn,Kevin R	US DEPT OF AG NATL INST OF FOOD & AG	\$863,489.00	2017 Identification and characterization of a regulon involved in the persistence of Candidatus Liberibacter asiaticus in citrus
AWD02129	Hodges,Amanda C	US DEPT OF AG NATL INST OF FOOD & AG	\$23,530.00	2017 Navy-Child and Youth Programs
AWD02168	Bonning,Bryony	US DEPT OF AG NATL INST OF FOOD & AG	\$4,800.00	2017 Farmland for the Next Generation
AWD02229	Asseng,Senthil	US DEPT OF AG NATL INST OF FOOD & AG	\$238,500.00	2017 Graduate Training in Plant Biosecurity
AWD02234	Gmitter Jr, Frederick G	US DEPT OF AG NATL INST OF FOOD & AG	\$2,476,099.00	2017 Bt toxin-based strategies for management of Diaphorina citri and citrus greening
AWD02273	Albrecht,Ute	US DEPT OF AG NATL INST OF FOOD & AG	\$2,626,140.00	2017 Climate Adaptation and Mitigation in Fruit and Vegetable Supply Chains
00087759	Stelinski,Kirsten Suzanne	US DEPT OF AG NATL INST OF FOOD & AG	\$380,778.00	2017 Selection, molecular and genetic analysis of HLB tolerant/resistant variant citrus plants
00090995	Kirst,Matias	US DEPT OF AG NATL INST OF FOOD & AG	\$580,871.00	2017 Identification, assessment and delivery of antimicrobial compounds for the management of citrus huanglongbing (HLB)
00092819	Brecht,Jeffrey K	US DEPT OF AG NATL INST OF FOOD & AG	-\$310,204.73	2018 Rear and Release Psyllids as Biological Control Agents - An Economical and Feasible Midterm Solution for HLB Disease of Citrus
00093483	Santos,Jose Eduardo	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018 Accelerated breeding by improved accuracy and mate allocation using genomic selection
00093555	Jeong,Kwang Cheol	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018 Postharvest Physical Treatments To Reduce Losses Of Organic And Other Locally-Grown Produce While Improving Quality And Extending Shelf Life
00093986	Shelnuut,Karla Pagan	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018 Physiological Basis for Anovulation in High-Producing Dairy Cattle
00095244	Mathews,Anne	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018 Understanding antibiotic resistance occurrence and development of mitigation strategies in cattle
00095386	Lamm,Alexa J	US DEPT OF AG NATL INST OF FOOD & AG	\$11,874.00	2018 Healthy Caregivers-Healthy Children (Hc2) Phase II: Integrating Culturally Sensitive Childhood Obesity Prevention Strategies into Policy
00096065	Whitaker,Vance M	US DEPT OF AG NATL INST OF FOOD & AG	\$124,760.00	2018 Get Fruved: A peer-led, train-the-trainer social marketing intervention to increase fruit and vegetable intake and prevent childhood obesity
00096112	Olmstead,Mercy Anne	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018 FAMU-Agricultural-Education Mobile Delivery System in North Florida
00096193	Fisher,Paul R	US DEPT OF AG NATL INST OF FOOD & AG	\$21,154.00	2018 RosBREED: Combining disease resistance with horticultural quality in new rosaceous cultivars
00096901	Ampatzidis,Ioannis	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018 Genome Database for Rosaceae: Empowering Specialty Crop Research through Big Data-Driven Discovery and Application in Breeding
00096935	Lorca,Graciela L	US DEPT OF AG NATL INST OF FOOD & AG	\$320,320.00	2018 Clean Water3 - Reduce, Remediate, Recycle [Enhancing Alternative Water Resources Availability and Use to Increase Profitability in Specialty Crops
00097189	Teig,Ricky W	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018 Steam-generated Supplemental Heat Thermotherapy as an Immediate Treatment for Prolonging Productivity of HLB-infected Citrus Trees
00097443	Dawson,William O	US DEPT OF AG NATL INST OF FOOD & AG	\$1,407,538.00	2018 A Novel Antimicrobial Approach To Combat Huanglongbing Disease
			\$0.00	2018 Making a Case for Agriculture: Developing a Framework for Teaching Issues Communication in Agricultural Sciences
			\$643,268.00	2018 Non-transgenic, near-term RNA interference-based application strategies for managing Diaphorina citri and citrus greening Huanglongbing

00097489	Paret, Mathews	US DEPT OF AG NATL INST OF FOOD & AG	\$32,551.00	2018	Combating Rose Rosette Disease: Short and Long Term Approaches
00098480	Hutton, Samuel F	US DEPT OF AG NATL INST OF FOOD & AG	\$41,240.00	2018	CUSTOMIZATION OF PLANT ARCHITECTURE TO INCREASE YIELD FOR FRESH MARKET TOMATO PRODUCTION
00098715	Gillen, Martie L	US DEPT OF AG NATL INST OF FOOD & AG	\$215,000.00	2018	MILITARY FAMILIES LEARNING NETWORK (MFLN) PERSONAL FINANCETEAM PLAN OF WORK FOR PERSONAL FINANCIAL MANAGEMENT PROGRAM
00098806	Shelnutt, Karla Pagan	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018	Fresh Access Bucks: Increasing Food Access and Florida Farmer Sales at Markets Statewide
00098851	Gabriel, Dean W	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018	DEVELOPMENT NEW THERAPIES FOR HUANGLONGBING VIA CULTURINGCA. LIBERIBACTER ASIATICUS
00098966	Killiny, Nabil	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018	Development of In Vitro Biofilm and Planktonic Culture of Ca. Liberibacter Asiaticus: A Game Change in HLB Research
00099384	Vallad, Gary Edward	US DEPT OF AG NATL INST OF FOOD & AG	\$59,857.00	2018	A Production System for High Value Crops at Risk from Downy Mildew: Integrating Detection, Breeding, Extension, and Education
00099528	Dimaggio, Matthew A	US DEPT OF AG NATL INST OF FOOD & AG	\$25,000.00	2018	Improved Reproduction in Foodfish (Catfish, and Largemouth Bass), Balfish, and Ornamentals using a New Spawning Aid (GNRH Ila)
AWD00135	Hansen, Peter J	US DEPT OF AG NATL INST OF FOOD & AG	\$2,857.00	2018	IMPROVING FERTILITY OF DAIRY CATTLE USING TRANSLATIONAL GENOMICS
AWD00151	Santos, Jose Eduardo	US DEPT OF AG NATL INST OF FOOD & AG	\$58,048.00	2018	Genomic Selection for Improved Fertility of Dairy Cows with Emphases on Cyclicity and Pregnancy
AWD00277	Moore, Gloria A	US DEPT OF AG NATL INST OF FOOD & AG	-\$14,095.00	2018	Design and Delivery of Therapeutic Proteins for HLB Protection
AWD00512	Telg, Ricky W	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018	Zika Information and Preparedness Campaign
AWD00681	Harmon, Carrie Lapaire	US DEPT OF AG NATL INST OF FOOD & AG	\$539,983.00	2018	The Southern Plant Diagnostic Network
AWD00748	Peres Lauretti, Natalia A	US DEPT OF AG NATL INST OF FOOD & AG	\$16,629.00	2018	Implementing disease forecasting in Mid-Atlantic strawberry production to promote industry sustainability
AWD00770	Norman, David J	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018	A Biological Efficacy and Phytotoxicity Study of a Novel Oxidant Product for Plant Protection against Pathogens
AWD00986	Treadwell, Danielle D	US DEPT OF AG NATL INST OF FOOD & AG	\$59,791.00	2018	Evaluation of paper bags for pest and disease management in organic peach production
AWD01078	Babar, Md Ali	US DEPT OF AG NATL INST OF FOOD & AG	\$335,000.00	2018	Advancing Harvest Index in Wheat through Genomic Enabled Physiological Breeding
AWD01209	Zotarelli, Lincoln	US DEPT OF AG NATL INST OF FOOD & AG	\$51,959.00	2018	Developing an Eastern Broccoli Industry through Cultivar Development, Economically and Environmentally Sustainable Production and Delivery
AWD01218	Drew, Jennifer C	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018	Broadening the STEM Pipeline with Research Experiences in Agricultural Science
AWD01332	Zotarelli, Lincoln	US DEPT OF AG NATL INST OF FOOD & AG	\$18,430.00	2018	Potato Breeding and Variety Development for Improved Quality and Pest Resistance in the Eastern United States
AWD01782	Dimaggio, Matthew A	US DEPT OF AG NATL INST OF FOOD & AG	\$25,000.00	2018	Commercial Production of Selected Native Freshwater Ornamental Species
AWD01929	Wang, Nian	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018	Consequences Of Genome Editing The Susceptibility Gene Cslob1 For Citrus Bacterial Canker
AWD01968	Shelnutt, Karla Pagan	US DEPT OF AG NATL INST OF FOOD & AG	\$259,988.00	2018	Advancing and Expanding HomeStyles: Shaping HOME Environments and LifeSTYLES to Prevent Childhood Obesity
AWD01985	Scheffler, Tracy Leigh	US DEPT OF AG NATL INST OF FOOD & AG	\$404,435.00	2018	Mitochondrial function in postmortem muscle
AWD01986	Dilorenzo, Nicolas	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018	Effects of bisulphite subalkylate and nitrate supplementation on beef production efficiency and environmental impact
AWD02168	Bonning, Bryony	US DEPT OF AG NATL INST OF FOOD & AG	\$700.00	2018	BT toxin-based strategies for management of Diaphorina citri and citrus greening
AWD02229	Asseng, Senthil	US DEPT OF AG NATL INST OF FOOD & AG	\$788,771.00	2018	Climate Adaptation and Mitigation in Fruit and Vegetable Supply Chains
AWD02234	Gmitter Jr, Frederick G	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2018	Selection, molecular and genetic analysis of HLB tolerant/resistant variant citrus plants
AWD02355	Wright, David L	US DEPT OF AG NATL INST OF FOOD & AG	\$11,047,500.00	2018	Southeast Partnership for Advanced Renewables from Carinata (SPARC)
AWD02402	Swisher, Marilyn E	US DEPT OF AG NATL INST OF FOOD & AG	\$44,441.00	2018	Sustainable Agriculture Research and Education (SARE) Program - Model State Program
AWD02491	Zhao, Xin	US DEPT OF AG NATL INST OF FOOD & AG	\$1,918,673.00	2018	Adapting and Expanding High Tunnel Organic Vegetable Production for the Southeast
AWD02548	Goss, Erica M	US DEPT OF AG NATL INST OF FOOD & AG	\$1,624,500.00	2018	Multi-host, multi-pathogen interactions in invaded communities: The consequences of emerging infectious disease of a rapidly expanding grass
AWD02591	Gao, Zhifeng	US DEPT OF AG NATL INST OF FOOD & AG	\$16,492.00	2018	Identifying Marketing Opportunities under the New Organic Transitional Certification Program
AWD02662	Munoz-Carpena, Rafael	US DEPT OF AG NATL INST OF FOOD & AG	\$161,537.00	2018	Influence of Preferential Flow on Coupled Colloid, Nitrogen, and Phosphorus Transport through Riparian Buffers
AWD02672	Neal, Anita S	US DEPT OF AG NATL INST OF FOOD & AG	\$87,000.00	2018	Increase of the Knowledge of Optimal Production Strategies for Agricultural Operations, and Empowering Youth with Beneficial Life Skills in the Seminole Tribe of Florida
AWD02724	Gu, Liwei	US DEPT OF AG NATL INST OF FOOD & AG	\$2,320,413.00	2018	Southern Region Program To Clear Pest Control Agents For Minor Uses
AWD02742	Vansanten, Edzard	US DEPT OF AG NATL INST OF FOOD & AG	\$43,609.00	2018	Lupin, Cereal Rye, and Carinata Winter Cover Crops for Biomass in the Southern Coastal Plain
AWD02785	Leppia, Norman C	US DEPT OF AG NATL INST OF FOOD & AG	\$164,008.00	2018	2017 Crop Protection and Pest Management Extension Implementation Project for the University of Florida
AWD02794	Yanong, Roy P	US DEPT OF AG NATL INST OF FOOD & AG	\$11,837.00	2018	Field-Testing of a Rapid LAMP Assay to Detect the Marine Parasite Amyloodinium ocellatum in Commercial Aquaculture Facilities
AWD02796	Searcy, Mary Jennison	US DEPT OF AG NATL INST OF FOOD & AG	\$35,000.00	2018	National Extension Sustainability Summit
AWD02808	Fogarty, Kate	US DEPT OF AG NATL INST OF FOOD & AG	\$93,197.00	2018	Promoting STEM Educational Equity (STEM-EE) for Rural Minority Youth through Experiential Learning and Mentoring Opportunities
AWD02809	Paret, Mathews	US DEPT OF AG NATL INST OF FOOD & AG	\$195,456.00	2018	Development Of An Ipm Program For Rose Rosette Disease Using Systemic Acquired Resistance Inducer And Biocontrol Agents
AWD02827	O'Neal, Latoya J	US DEPT OF AG NATL INST OF FOOD & AG	\$303,575.00	2018	Rural Health Disparities in Heart Disease
AWD02834	Sturmer, Leslie Noel	US DEPT OF AG NATL INST OF FOOD & AG	\$15,000.00	2018	Techniques to improve production of off-bottom culture of farmed oysters by decreasing biofouling
AWD02867	Chapin, Travis Kyle	US DEPT OF AG NATL INST OF FOOD & AG	\$164,993.00	2018	Revision and Expansion of the Florida "Build Your Own Farm Food Safety Manual" Program
AWD02913	Laughinghouse IV, Haywood D	US DEPT OF AG NATL INST OF FOOD & AG	\$20,000.00	2018	Novel Oxidant Product Formulation for Greenhouse Disinfection
AWD02933	Martini, Xavier Philippe	US DEPT OF AG NATL INST OF FOOD & AG	\$9,787.00	2018	Effects of Herbivore-Induced Plant Volatiles in Various Maturity Stages of Pepper on the Attractiveness of Orius insidiosus
AWD03010	Knox, Gary W	US DEPT OF AG NATL INST OF FOOD & AG	\$74,634.00	2018	Systematic Strategies to Manage Crapemyrtle Bark Scale, An Emerging Exotic Pest
AWD03011	Waide, Tara Renee	US DEPT OF AG NATL INST OF FOOD & AG	\$59,974.00	2018	Costs Of Continuous Conservation Tillage: Estimation With Incomplete Data
AWD03027	Liburd, Oscar Emanuel	US DEPT OF AG NATL INST OF FOOD & AG	\$16,245.00	2018	Development of an integrated pest and disease management program utilizing companion plants and inundative biological control for organic squash production
AWD03062	Vallad, Gary Edward	US DEPT OF AG NATL INST OF FOOD & AG	\$3,149.00	2018	Development and Comparison of Pathogen Viability Tests for Seed Certification and Improved Management of Bacterial Spot of Tomato
AWD03094	Ozores-Hampton, Monica	US DEPT OF AG NATL INST OF FOOD & AG	\$79,626.00	2018	Table to Farm: A Sustainable Systems-based Approach for a Safer and Healthier Melon Supply Chain in the U.S
AWD03117	Frey, Craig Joseph	US DEPT OF AG NATL INST OF FOOD & AG	\$16,495.00	2018	Overcoming microclimate challenges to improve organic spinach production in Florida
AWD03165	Whitaker, Vance M	US DEPT OF AG NATL INST OF FOOD & AG	\$243,390.00	2018	Next-Generation Disease Resistance Breeding and Management Solutions for Strawberry
AWD03167	Asche, Frank	US DEPT OF AG NATL INST OF FOOD & AG	\$235,879.00	2018	INFEWS/T3-Reducing Resource Use at the Seafood-Water-Energy Nexus: Focus on Efficient Production and Waste Reduction
AWD03235	Mou, Zhonglin	US DEPT OF AG NATL INST OF FOOD & AG	\$2,951,933.00	2018	Transgenic success-guided reproduction of Huanglongbing disease resistance/tolerance in citrus by gene editing
AWD03269	Hoogenboom, Gerrit	US DEPT OF AG NATL INST OF FOOD & AG	\$42,543.00	2018	A Decision Support Tool for Predicting Alfalfa Yield and Quality to Enhance Resource Use Efficiency
AWD03287	Schumann, Arnold Walter	US DEPT OF AG NATL INST OF FOOD & AG	\$3,518,395.00	2018	Citrus Under Protective Screen (CUPS) for HLB Management
AWD03312	Dubeux, Jose Carlos	US DEPT OF AG NATL INST OF FOOD & AG	\$77,988.00	2018	Development of Grazing Recommendations and On-Farm Decision Tools for Managing Alfalfa-Grass Mixtures in the Southeastern U.S.
AWD03404	Chapin, Travis Kyle	US DEPT OF AG NATL INST OF FOOD & AG	\$9,869.00	2018	Fruits, Vegetables, and FSMA Compliance: Multilingual Audiovisual Food Safety Training for Farms and Packinghouses
AWD03405	Wilson, Chris H	US DEPT OF AG NATL INST OF FOOD & AG	\$163,622.00	2018	The interactive effects of plant composition and carbon input quality on nutrient mineralization and stabilization of carbon in pastureland soils
AWD03413	Rowland, Diane L	US DEPT OF AG NATL INST OF FOOD & AG	\$500,000.00	2018	Improved system assessment of aflatoxin risk utilizing novel data and sensing approaches at points of vulnerability
AWD03433	Cantrell, Randall Alan	US DEPT OF AG NATL INST OF FOOD & AG	\$12,938.00	2018	Healthy Homes Partnership - National Leadership
AWD03436	Norman, David J	US DEPT OF AG NATL INST OF FOOD & AG	\$60,000.00	2018	Biological Efficacy and Phytotoxicity Optimization of a Novel Oxidant Product for Plant Protection
AWD03441	Wang, Nian	US DEPT OF AG NATL INST OF FOOD & AG	\$3,652,166.00	2018	Development of non-transgenic HLB resistant citrus varieties using CRISPR-Cas9
AWD03446	Davis, Paula Marie	US DEPT OF AG NATL INST OF FOOD & AG	\$68,500.00	2018	2018 Domestic and Foreign Military 4-H Partnership Grant
AWD03467	Qureshi, Jawwad A	US DEPT OF AG NATL INST OF FOOD & AG	\$216,227.00	2018	Biopesticidal dsRNA therapy for psyllid mortality and abatement of vector-mediated CLas transmission
AWD03571	Estrada Reyes, Zaira Magdalen	US DEPT OF AG NATL INST OF FOOD & AG	\$16,500.00	2018	Genetic Markers for Resistance to Gastrointestinal Nematode Infections for a Sustainable Florida Native Sheep Production
AWD03576	Hackmann, Timothy J	US DEPT OF AG NATL INST OF FOOD & AG	\$500,000.00	2018	Tackling the low efficiency of protein production by rumen microbes: a cellular and whole-animal approach
AWD03690	Liburd, Oscar Emanuel	US DEPT OF AG NATL INST OF FOOD & AG	\$49,469.00	2018	Development and Implementation of Ecologically-Based Tactics for Managing Key Insect Pests in Cucurbit Production in the Southeast
AWD03732	McFadden, Brandon Ray	US DEPT OF AG NATL INST OF FOOD & AG	\$466,202.00	2018	Determining Antecedents to Consumer Acceptance of Scientific Information to Develop Educational Approaches on Gene-Editing Technologies
AWD03741	Thoron, Andrew C	US DEPT OF AG NATL INST OF FOOD & AG	\$150,743.00	2018	The Ag21 Project: Connecting High School Science Teachers and Students to 21st Century Innovations in the Food, Agriculture, Natural Resources, and Human Sciences
AWD03805	Hutton, Samuel F	US DEPT OF AG NATL INST OF FOOD & AG	\$490,000.00	2018	Advancing resistance to Fusarium wilt of tomato through the pyramiding of available and novel resistance genes

AWD03821	Tillman, Barry	US DEPT OF AG NATL INST OF FOOD & AG	\$490,000.00	2018	Coordinated Adaptive Phenotyping for Improving Soil Water Acquisition and Utilization
AWD03895	Strauss, Sarah L	US DEPT OF AG NATL INST OF FOOD & AG	\$400,000.00	2018	Improving sustainability in agroecosystems using biological soil crusts
AWD03947	Evans, Edward Anthony	US DEPT OF AG NATL INST OF FOOD & AG	\$23,245.40	2018	Minimizing Your Risks: Crop Insurance Training for Tropical Fruit Growers in South Florida
AWD03950	Waide, Tara Renee	US DEPT OF AG NATL INST OF FOOD & AG	\$49,986.00	2018	Managing risks associated with new technology adoption by specialty crop growers
AWD03972	Dufault, Nicholas S	US DEPT OF AG NATL INST OF FOOD & AG	\$36,570.00	2018	IIPIE: FLORIDA POTATO COMPONENT
AWD03979	Soranz Ferrarezi, Rhuaito	US DEPT OF AG NATL INST OF FOOD & AG	\$798,188.00	2018	Accelerating implementation of HLB tolerant hybrids as new commercial cultivars for fresh and processed citrus
AWD04101	McLamore, Eric	US DEPT OF AG NATL INST OF FOOD & AG	\$35,500.00	2018	CoFoMa: Strengthening core knowledge in nanotechnology for food manufacturing
AWD04121	Hodges, Amanda C	US DEPT OF AG NATL INST OF FOOD & AG	\$29,414.00	2018	Foundational Research for the Development of IPM in Florida's Subtropical Peach Industry
AWD04229	Bhadra, Jehangir	US DEPT OF AG NATL INST OF FOOD & AG	\$15,000.00	2018	Assisting vegetable growers in Florida with soil health evaluation associated with cover cropping/green manure during summer.
AWD04298	Gao, Bin	US DEPT OF AG NATL INST OF FOOD & AG	\$90,000.00	2018	Impact of Biochar Amendment on Antibiotic Retention and Soil Quality Improvement
AWD04332	Hoogenboom, Gerrit	US DEPT OF AG NATL INST OF FOOD & AG	\$67,404.00	2018	Enhancing Ecosystem Services through Integration of Guar into Wheat Cropping Systems of the Southern Great Plains
AWD04362	Grogan, Kelly A	US DEPT OF AG NATL INST OF FOOD & AG	\$16,932.00	2018	Insect services and disservices: impacts of interactions among fire ants and dung beetles on central Florida ranchlands
00092819	Brecht, Jeffrey K	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Postharvest Physical Treatments To Reduce Losses Of Organic And Other Locally-Grown Produce While Improving Quality And Extending Shelf Life
00093555	Jeong, Kwang Cheol	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Understanding antibiotic resistance occurrence and development of mitigation strategies in cattle
00095244	Mathews, Anne	US DEPT OF AG NATL INST OF FOOD & AG	\$85,247.00	2019	Get Fruited: A peer-led, train-the-trainer social marketing intervention to increase fruit and vegetable intake and prevent childhood obesity
00096065	Whitaker, Vance M	US DEPT OF AG NATL INST OF FOOD & AG	\$21,154.00	2019	RosBREED: Combining disease resistance with horticultural quality in new roseaceous cultivars
00096193	Fisher, Paul R	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Clean Water3 - Reduce, Remediate, Recycle II Enhancing Alternative Water Resources Availability and Use to Increase Profitability in Specialty Crops
00096935	Lorca, Graciela L	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	A Novel Antimicrobial Approach To Combat Huanglongbing Disease
00097443	Dawson, William O	US DEPT OF AG NATL INST OF FOOD & AG	\$366,705.00	2019	Non-transgenic, near-term RNA interference-based application strategies for managing Diaphorina citri and citrus greening Huanglongbing
00097800	Dubeux, Jose Carlos	US DEPT OF AG NATL INST OF FOOD & AG	-\$9,167.00	2019	Strengthening U.S. Graduate Education in Agricultural Sciences Through International Research Focused on Managing Water Scarcity in Diverse
00098299	Rollins, Jeffrey A	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Laurel Wilt of Avocado: Management of an Unusual and Lethal Disease
00098715	Hutton, Samuel F	US DEPT OF AG NATL INST OF FOOD & AG	\$51,375.00	2019	CUSTOMIZATION OF PLANT ARCHITECTURE TO INCREASE YIELD FOR FRESH MARKET TOMATO PRODUCTION
00098851	Gabriel, Dean W	US DEPT OF AG NATL INST OF FOOD & AG	\$236,234.00	2019	MILITARY FAMILIES LEARNING NETWORK (MFLN) PERSONAL FINANCETAM PLAN OF WORK FOR PERSONAL FINANCIAL MANAGEMENT PROGRAM
00099154	Paret, Mathews	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Development of new Therapies for Huanglongbing via Culturing CA. Liberibacter asiaticus
00099307	Chase, Carlene Ann	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Nanotechnology for improving local systemic activity of Copper (Cu) pesticides and Measuring Sub-Surface Cu Bioavailability in Plant Tissue
00099384	Vallad, Gary Edward	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Cover Crop Diversity through Evaluation and Increase from Breeder Stocks and Germplasm Repositories
AWD00151	Santos, Jose Eduardo	US DEPT OF AG NATL INST OF FOOD & AG	\$67,016.00	2019	A Production System for High Value Crops at Risk from Downy Mildew: Integrating Detection, Breeding, Extension, and Education
AWD00512	Teig, Ricky W	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Genomic Selection for Improved Fertility of Dairy Cows with Emphases on Cyclicity and Pregnancy
AWD00681	Harmon, Carrie Lapaire	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Zika Information and Preparedness Campaign
AWD00715	Zhao, Xin	US DEPT OF AG NATL INST OF FOOD & AG	\$539,983.00	2019	The Southern Plant Diagnostic Network
AWD00986	Treadwell, Danielle D	US DEPT OF AG NATL INST OF FOOD & AG	\$63,612.00	2019	Partnership to Explore Integrated Systems for Sustainable High Tunnel Organic Vegetable Production in the Southeast Region
AWD01063	Stofer, Kathryn Anne	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Evaluation of paper bags for pest and disease management in organic peach production
AWD01078	Babar, Md Ali	US DEPT OF AG NATL INST OF FOOD & AG	\$335,000.00	2019	Advancing Harvest Index in Wheat through Genomic Enabled Physiological Breeding
AWD01209	Zotarelli, Lincoln	US DEPT OF AG NATL INST OF FOOD & AG	\$53,205.00	2019	Developing an Eastern Broccoli Industry through Cultivar Development, Economically and Environmentally Sustainable Production and Delivery
AWD01215	Khachatryan, Hayk	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Protecting Pollinators with Economically Feasible and Environmentally Sound Ornamental Horticulture
AWD01218	Drew, Jennifer C	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Broadening the STEM Pipeline with Research Experiences in Agricultural Science
AWD01235	Clingensmith, Christopher M	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Regional and National Predictions of Key Standard Soil Properties from VNIR Spectra
AWD01332	Zotarelli, Lincoln	US DEPT OF AG NATL INST OF FOOD & AG	\$19,139.00	2019	Potato Breeding and Variety Development for Improved Quality and Pest Resistance in the Eastern United States
AWD01546	Zhao, Xin	US DEPT OF AG NATL INST OF FOOD & AG	\$318,861.00	2019	Growing new roots: Grafting to enhance resiliency in U.S. vegetable industries
AWD01672	Adams, Damian	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Ecosystem service tradeoffs, landowner incentives, and optimal policy design to promote sustainable Longleaf Pine agroecosystems
AWD01966	Hackmann, Timothy J	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Using fluorescent compounds to unveil substrates used by uncultured gut bacteria
AWD02025	Gonzalez, Claudio F	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Identification and characterization of a regulon involved in the persistence of Candidatus Liberibacter asiaticus in citrus
AWD02168	Bonning, Bryony	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	BT toxin-based strategies for management of Diaphorina citri and citrus greening
AWD02234	Gmitter Jr, Frederick G	US DEPT OF AG NATL INST OF FOOD & AG	\$433,307.00	2019	Selection, molecular and genetic analysis of HLB tolerant/resistant variant citrus plants
AWD02355	Wright, David L	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Southeast Partnership for Advanced Renewables from Carinata (SPARC)
AWD02591	Gao, Zhifeng	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Identifying Marketing Opportunities under the New Organic Transitional Certification Program
AWD02672	Neal, Anita S	US DEPT OF AG NATL INST OF FOOD & AG	\$87,000.00	2019	Increasing the Knowledge of Optimal Production Strategies for Agricultural Operations, and Empowering Youth with Beneficial Life Skills in the Seminole Tribe of Florida
AWD02724	Gu, Liwei	US DEPT OF AG NATL INST OF FOOD & AG	\$2,150,913.00	2019	2017 Crop Protection and Pest Management Extension Implementation Project for the University of Florida
AWD02785	Leppia, Norman C	US DEPT OF AG NATL INST OF FOOD & AG	\$189,085.00	2019	Promoting STEM Educational Equity (STEM-EE) for Rural Minority Youth through Experiential Learning and Mentoring Opportunities
AWD02808	Fogarty, Kate	US DEPT OF AG NATL INST OF FOOD & AG	\$2,250.00	2019	2019 Rural Health Disparities in Heart Disease
AWD02827	O'Neal, Latoya J	US DEPT OF AG NATL INST OF FOOD & AG	\$15,000.00	2019	Revision and Expansion of the Florida "Build Your Own Farm Food Safety Manual" Program
AWD02867	Chapin, Travis Kyle	US DEPT OF AG NATL INST OF FOOD & AG	\$11,077.00	2019	Development and Comparison of Pathogen Viability Tests for Seed Certification and Improved Management of Bacterial Spot of Tomato
AWD03062	Vallad, Gary Edward	US DEPT OF AG NATL INST OF FOOD & AG	\$231,198.00	2019	Next-Generation Disease Resistance Breeding and Management Solutions for Strawberry
AWD03165	Whitaker, Vance M	US DEPT OF AG NATL INST OF FOOD & AG	\$250,852.00	2019	INFEWS/713-Reducing Resource Use at the Seafood-Water-Energy Nexus: Focus on Efficient Production and Waste Reduction
AWD03167	Asche, Frank	US DEPT OF AG NATL INST OF FOOD & AG	\$40,775.00	2019	A Decision Support Tool for Predicting Alfalfa Yield and Quality to Enhance Resource Use Efficiency
AWD03269	Hoogenboom, Gerrit	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Citrus Under Protective Screen (CUPS) for HLB Management
AWD03287	Schumann, Arnold Walter	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Improved system assessment of aflatoxin risk utilizing novel data and sensing approaches at points of vulnerability
AWD03413	Rowland, Diane L	US DEPT OF AG NATL INST OF FOOD & AG	\$17,276.00	2019	Healthy Homes Partnership - National Leadership
AWD03433	Centrell, Randall Alan	US DEPT OF AG NATL INST OF FOOD & AG	\$122,536.00	2019	Biopesticidal dsRNA therapy for psyllid mortality and abatement of vector-mediated CLas transmission
AWD03467	Qureshi, Jawwad A	US DEPT OF AG NATL INST OF FOOD & AG	\$0.00	2019	Coordinated Adaptive Phenotyping for Improving Soil Water Acquisition and Utilization
AWD03821	Tillman, Barry	US DEPT OF AG NATL INST OF FOOD & AG	\$50,000.00	2019	Accelerating implementation of HLB tolerant hybrids as new commercial cultivars for fresh and processed citrus
AWD04101	McLamore, Eric	US DEPT OF AG NATL INST OF FOOD & AG	\$14,500.00	2019	CoFoMa: Strengthening core knowledge in nanotechnology for food manufacturing
AWD04205	Soranz Ferrarezi, Rhuaito	US DEPT OF AG NATL INST OF FOOD & AG	\$199,882.00	2019	Shade and Ground Cover Growing Systems for Tea Production in Florida
AWD04242	Treadwell, Danielle D	US DEPT OF AG NATL INST OF FOOD & AG	\$46,999.00	2019	Educational Materials for Cover Crop Adoption and Use in the Subtropics and Tropics
AWD04320	Peres Laurretti, Natalia A	US DEPT OF AG NATL INST OF FOOD & AG	\$283,577.00	2019	Integrating anaerobic soil disinfestation, crop rotation and variety for disease management in strawberry production
AWD04362	Grogan, Kelly A	US DEPT OF AG NATL INST OF FOOD & AG	\$17,438.00	2019	Insect services and disservices: impacts of interactions among fire ants and dung beetles on central Florida ranchlands
AWD04441	Paret, Mathews	US DEPT OF AG NATL INST OF FOOD & AG	\$124,985.00	2019	Sustainable management options for whitefly-transmitted viruses in cucurbits production
AWD04488	White, Frank F	US DEPT OF AG NATL INST OF FOOD & AG	\$228,961.00	2019	Analyses of Bacterial Avirulence and Virulence Loci and Host Resistance of Maize Gossyll Wilt
AWD04659	Settles, Andrew M	US DEPT OF AG NATL INST OF FOOD & AG	\$1,802,376.00	2019	Sweet CAP: Integrated technologies to improve sweet corn production and marketability
AWD04661	McLamore, Eric	US DEPT OF AG NATL INST OF FOOD & AG	\$4,867,723.00	2019	SmartPath: Grower-directed convergence of nanotechnology and smart decision analytics for irrigation water quality management related to pathogens
AWD04738	Grabau, Zane	US DEPT OF AG NATL INST OF FOOD & AG	\$198,669.00	2019	Managing plant-parasitic nematodes and promoting beneficial soil organisms through sod-based crop rotation

AWD04768	Wang, Yu	US DEPT OF AG NATL INST OF FOOD & AG	\$1,884,503.00	2019	Identifying superior mango varieties for improving mango production and consumption in the US through genomic and phenomic tools
AWD04812	Liburd, Oscar Emanuel	US DEPT OF AG NATL INST OF FOOD & AG	\$69,581.00	2019	Development and Implementation of Ecologically Sound, System-Based Tactics for Managing Pests and Insect-Vectored Viral Diseases in Cucurbit Production in the Southeast.
AWD04879	Wright, David L	US DEPT OF AG NATL INST OF FOOD & AG	\$19,823.00	2019	Genomics and Phenomics to Identify Yield and Drought Tolerance Alleles for Improvement of Camelina as a Biofuel Crop
AWD04884	Turner, R Elaine	US DEPT OF AG NATL INST OF FOOD & AG	\$100,000.00	2019	National Food and Agricultural Sciences Teaching, Extension and Research Awards Program (TERP)
AWD04897	Dawson, William O	US DEPT OF AG NATL INST OF FOOD & AG	\$101,927.00	2019	A Scalable Bioassay for Culturing Clas and High-Throughput Screening of Novel Antimicrobials for HLB Management
AWD04921	Liburd, Oscar Emanuel	US DEPT OF AG NATL INST OF FOOD & AG	\$74,280.00	2019	Development and Implementation of Biological Control Tactics for Key Vegetable Insect Pests in the Southeastern US
AWD04926	Kadympakeni, Davie Mayeso	US DEPT OF AG NATL INST OF FOOD & AG	\$3,800.00	2019	A Southern Regional Water Conference to Improve Producer Adoption of Sustainable Water Management Practices
AWD04967	Schneider, Keith R	US DEPT OF AG NATL INST OF FOOD & AG	\$1,281,001.00	2019	Southern Regional Center for Food Safety Training, Outreach and Technical Assistance Continuation, and Lead Regional Coordination Center
AWD04982	Swisher, Marilyn E	US DEPT OF AG NATL INST OF FOOD & AG	\$44,443.00	2019	SOUTHERN REGION SARE PROFESSIONAL DEVELOPMENT PROGRAM
AWD04985	Peres Lauretti, Natalia A	US DEPT OF AG NATL INST OF FOOD & AG	\$324,864.00	2019	Thermotherapy For Non-Chemical Management Of Cryptic Infections Of Strawberry Transplants And Emerging Fungicide Resistant Populations
AWD04986	Oi, Faith M	US DEPT OF AG NATL INST OF FOOD & AG	\$233,496.00	2019	Supporting Homeowner IPM Programs
AWD04995	Unruh, Joseph Bryan	US DEPT OF AG NATL INST OF FOOD & AG	\$324,996.00	2019	Increasing lawn diversity to promote biodiversity and reduce management inputs in urban landscapes
AWD05027	Laughinghouse IV, Haywood D	US DEPT OF AG NATL INST OF FOOD & AG	\$143,144.00	2019	Research and Extension to Address Herbicide Resistance Epidemic in Annual Bluegrass in Managed Turf Systems
AWD05046	Deng, Zhanao	US DEPT OF AG NATL INST OF FOOD & AG	\$59,730.00	2019	Novel Oxidant Product Formulation for Greenhouse Disinfection
AWD05046	Deng, Zhanao	US DEPT OF AG NATL INST OF FOOD & AG	\$54,501.00	2019	Low Trellis Production, Harvesting System and Marketing Tools for Locally-Grown Hops and Value-Added Products
AWD05060	Burks, Thomas Francis	US DEPT OF AG NATL INST OF FOOD & AG	\$33,006.00	2019	Advancing Over The Top Citrus Harvesting Equipment For Fresh Markets: Harvesting Arm Development
AWD05099	Raid, Richard Neil	US DEPT OF AG NATL INST OF FOOD & AG	\$56,523.00	2019	Managing Downy Mildew and Fusarium in Basil with New Resistant Varieties, Improved Genetics, Seed Treatment, and Disease Occurrence Mapping
AWD05111	Khachatryan, Hayk	US DEPT OF AG NATL INST OF FOOD & AG	\$118,303.00	2019	Protecting Pollinators with Economically Feasible and Environmentally Sound Ornamental Horticulture
AWD05152	Duncan, Larry Wayne	US DEPT OF AG NATL INST OF FOOD & AG	\$41,190.00	2019	Biocontrol with Benefits: Enhancing Sustainability by Adding Value
AWD05220	Smith, Hugh A	US DEPT OF AG NATL INST OF FOOD & AG	\$783,406.00	2019	Development of Preseason Risk Prediction Models to Facilitate Area-wide Pest Management of Whitefly-Transmitted Viruses of Vegetables
AWD05227	Mateescu, Raluca	US DEPT OF AG NATL INST OF FOOD & AG	\$238,500.00	2019	Educating the Next Generation of Scientists in Animal Genomics
AWD05240	Yanong, Roy P	US DEPT OF AG NATL INST OF FOOD & AG	\$28,594.00	2019	Increasing Understanding of and Developing Management Strategies for Edwardsiella ictaluri in Ornamental Fish
AWD05250	Vieira De Paula Moraes, Silvana	US DEPT OF AG NATL INST OF FOOD & AG	\$79,625.00	2019	Impact of refuge management tactics on Helicoverpa zea population dynamics and resistance risk implications for Bt crops
AWD05450	Batumun, Ozgur	US DEPT OF AG NATL INST OF FOOD & AG	\$3,394,260.00	2019	Development of an automated delivery system for therapeutic materials to treat HLB infected citrus
AWD05467	Smith, Hugh A	US DEPT OF AG NATL INST OF FOOD & AG	\$69,708.00	2019	A Multi-State Approach to Quantifying and Managing Insecticide Resistance in Plutella xylostella, the Diamondback Moth, in Cole Crops.
AWD05468	Boote, Kenneth J	US DEPT OF AG NATL INST OF FOOD & AG	\$7,736.00	2019	Resilience of Alfalfa cultivars to variable environments
AWD05473	Liburd, Oscar Emanuel	US DEPT OF AG NATL INST OF FOOD & AG	\$145,980.00	2019	Furthering the development and implementation of systems-based organic management strategies for spotted wing drosophila
AWD05496	Freeman, Joshua H	US DEPT OF AG NATL INST OF FOOD & AG	\$102,033.00	2019	INTEGRATED MANAGEMENT OF FUSARIUM WILT, NEMATODE AND WEED COMPLEX USING METHYL BROMIDE ALTERNATIVES IN WATERMELON PRODUCTION SYSTEM
AWD05553	Martini, Xavier Philippe	US DEPT OF AG NATL INST OF FOOD & AG	\$10,316.00	2019	Developing Attract and Reward Strategy to Control Thrips and Whiteflies in Florida Tomato
AWD05593	Wang, Jianping	US DEPT OF AG NATL INST OF FOOD & AG	\$16,496.00	2019	Elucidating the effects of organic vs conventional cropping practice and rhizobia inoculation on peanut yield and rhizosphere microbial diversity
AWD05605	Johnson, Shelly A	US DEPT OF AG NATL INST OF FOOD & AG	\$3,200.00	2019	Empowering Citizens to Engage
AWD05631	Davis, Paula Marie	US DEPT OF AG NATL INST OF FOOD & AG	\$71,197.00	2019	Military 4-H Partnership Grant
AWD05635	Liburd, Oscar Emanuel	US DEPT OF AG NATL INST OF FOOD & AG	\$16,334.00	2019	Innovations in spotted wing drosophila (Drosophila suzukii Matsumura) monitoring and attract-and-kill for development of more targeted IPM programs
AWD05659	Hulcr, Jiri	US DEPT OF AG NATL INST OF FOOD & AG	\$11,797.00	2019	Integrating Established and Novel Strategies for Forest Health and Invasive Species Education and Extension Programming in the Eastern United States
AWD05664	Randhawa, Ranjeet Singh	US DEPT OF AG NATL INST OF FOOD & AG	\$15,361.00	2019	Integrated weed management for long term nutsedge control and its economic impact in Florida vegetable production
AWD05714	Huo, Heqiang	US DEPT OF AG NATL INST OF FOOD & AG	\$420,000.00	2019	Genetic and Molecular Dissection of a Shared microRNA Regulatory Complex for Seed Germination and Flowering in Lettuce under High Temperature
AWD05776	Roberts II, Thomas G	US DEPT OF AG NATL INST OF FOOD & AG	\$747,980.00	2019	Preparing Organizational Leaders in Agriculture through Innovative Leadership Case Studies Contextualized in Agricultural Disasters
AWD05798	Wang, Yu	US DEPT OF AG NATL INST OF FOOD & AG	\$494,325.00	2019	Inhibition of the Gut Microbial Metabolite Trimethylamine N-oxide (TMAO) Using Orange Peel to Prevent Cardiovascular Disease
AWD05850	Liao, Hui-Ling	US DEPT OF AG NATL INST OF FOOD & AG	\$483,000.00	2019	Scaling up the microbial-triggered functional responses to multiple practices in the forage system: From molecules to ecosystem services
AWD05912	Munoz, Patricia Ricardo	US DEPT OF AG NATL INST OF FOOD & AG	\$7,984.00	2019	Joint Linkage Analysis and Selection in Autotetraploid Potato & Blueberry
AWD05913	Dale, Adam G	US DEPT OF AG NATL INST OF FOOD & AG	\$28,523.00	2019	Developing wetland monarch conservation habitats for southeastern golf course IPM programs
AWD05964	Folimonova, Svetlana Yuryevna	US DEPT OF AG NATL INST OF FOOD & AG	\$151,460.00	2019	Development of citrus-derived dual-functional antimicrobial peptides to cure HLB-positive trees and to protect healthy trees from infection
AWD06013	Moss, Charles Britt	US DEPT OF AG NATL INST OF FOOD & AG	\$498,585.00	2019	The Effect of the Opioid Crisis on the Farm Sector: Implications from the Rural Economy
AWD06014	Cuda, James Paul	US DEPT OF AG NATL INST OF FOOD & AG	\$28,574.00	2019	Evaluating the gall midge Orseolia javanica, a biocontrol agent for enhancing cogongrass IPM
AWD06034	Ellis, Nathaniel W	US DEPT OF AG NATL INST OF FOOD & AG	\$114,355.00	2019	The Open Chromatin Regulation of Complex Traits
AWD06036	Crandall, Raelene M	US DEPT OF AG NATL INST OF FOOD & AG	\$500,000.00	2019	Evaluating Fire Management Strategies to Improve Wiregrass Productivity and Promote the Economic Resilience of Longleaf Pine Savannas
AWD06037	Frick, Elizabeth May	US DEPT OF AG NATL INST OF FOOD & AG	\$164,836.00	2019	Enhancing Tomato Flavor And Nutrition Through Ripening-Specific Transcriptional Pathways
AWD06039	Laporta, Jimena	US DEPT OF AG NATL INST OF FOOD & AG	\$499,943.00	2019	Unraveling changes in mammary gland development due to in utero heat stress
AWD06044	G.J. Liwei	US DEPT OF AG NATL INST OF FOOD & AG	\$499,290.00	2019	Synergistic interactions between muscadine wine and gut microbiota in alleviating intestinal inflammation and barrier dysfunction
AWD06056	Miller Cushon, Emily Kathryn	US DEPT OF AG NATL INST OF FOOD & AG	\$490,000.00	2019	Evaluating the influences of early social housing for dairy replacement heifers on welfare and performance into lactation
AWD06114	McGuire, Maia Patterson	US DEPT OF AG NATL INST OF FOOD & AG	\$12,171.00	2019	Building Research Capacity in Hydrologic Exchanges Between Natural and Human Systems
AWD06124	Filij, Jennifer M	US DEPT OF AG NATL INST OF FOOD & AG	\$159,189.00	2019	Determining fire regimes for production and sustainable use of pine ecosystems in the Americas
00098056	Boughton, Raoul Keith	US DEPT OF AG NATL WILDLIFE RES CTR	\$15,000.00	2017	COYOTE BEHAVIOR ON FLORIDA CATTLE RANCHES
00090141	Migliaccio, Kati White	US DEPT OF AG NATURAL RESOURCES CONSERV	\$0.00	2017	To develop agronomic and irrigation strategies to manage drought conditions in irrigated agriculture and grazed land
AWD01433	Sellers, Brent Alan	US DEPT OF AG NATURAL RESOURCES CONSERV	\$68,269.00	2017	Using a roto-wiper to selectively control smutgrass species in improved grass pastures
AWD00984	Hoogenboom, Gerrit	US DEPT OF AG OFFICE OF THE CHIEF ECONOM	\$50,000.00	2017	Rapid Assessment of Agriculture in a +1.5°C Scenario: An AgMIP Coordinated Global and Regional Assessment
AWD04143	Beuzelin, Julien M	US DEPT OF AG SUSTAINABLE AG NET	\$14,782.00	2018	Trap Assisted Scouting for Asian Cockroach Management in Florida Lettuce