CRDF Currently-funded Research (updated Jan. 2019)			
Project No#	**Principal Investigator**	**Affiliation**	**Project Title**
15-005	Dewdney, Megan	University of Florida	Asexual inoculum production of Guignardia citricarpa, the causal agent of citrus black spot
15-010	Gmitter, Fred	University of Florida	Development and Commercialization of Improved New Disease Resistant Scions and Rootstocks - the Key For a Sustainable and Profitable Florida Citrus Industry
15-013	Grosser, Jude	University of Florida	Understanding and Manipulating the Interaction of Rootstocks and Constant Nutrition to Enhance the Establishment, Longevity and Profitability of Citrus Plantings in HLB-Endemic Areas.
15-016C	Hall, David	USDA-ARS	High-Throughput Inoculation of Transgenic Citrus for HLB Resistance
15-020	Mou, Zhonglin	University of Florida	Create citrus varieties resistant to Huanglongbing (HLB) through transgenic and nontransgenic approaches
15-023	Schumann, Arnold	University of Florida	Citrus nutrition studies for improved survival of HLB-affected trees
15-028	Wang, Nian	University of Florida	Control citrus Huanglongbing (HLB) by counteracting the SA hydroxylase of Candidatus Liberibacter asiaticus
15-033C	Orbovic, Vladimir	University of Florida	Support role of the Citrus Core Transformation Facility remains crucial for research leading to production of Citrus plants that may be tolerant or resistant to diseases.
15-039C	Stover, Ed	USDA-ARS	Secure site for testing transgenic and conventional citrus for HLB and psyllid resistance
15-042	Wang, Nian	University of Florida	Control citrus Huanglongbing using endophytic microbes from survivor trees
15-045C	Zale, Janice	University of Florida	Continued Funding for the Mature Citrus Facility to Produce Disease Tolerant, Transgenic Citrus
16-001	Li	Uconn	Enhancing Genetic Transformation Efficiency of Mature Citrus
16-005	Wang	University of Florida	GFP labeling of Candidatus Liberibacter asiaticus in vivo and its applications.
16-007	Duan	USDA-ARS	Field evaluation of the selected variants of Ruby Red grapefruit volunteer seedlings for greater HLB resistance/tolerance.
16-009C	Triplett	University of Florida	Developing second generation antimicrobial treatments for citrus greening disease.
16-010C	Dewdney, Megan	University of Florida	Enhancement of postbloom fruit drop control measures.
16-016C	Irey RNAi	Southern Gardens	Use of RNAi delivered by the Citrus Tristeza Virus Ciral Vector to control the Asian Citrus Psyllid
16-020C	Vincent	University of Florida	Dyed kaolin to repel Asian citrus psyllid in field conditions.
16-026C	Bayer Crop Science	BCS	Establishment and application of tools to allow a systematic approach to identify and characterize hits with confirmed in planta HLB activity.
17-001C	Stelinski	University of Florida	Insecticide resistance management in Florida citrus production.
17-002C	Irey	Southern Gardens	Continued Support for the Southern Gardens Diagnostic Laboratory
17-006C	Triplett	University of Florida	Monitoring of citrus groves for non-target antibiotic resistance prior to and after application of streptomycin and oxytetracycline.
18-004	Bowman, Kim D.	USDA-ARS	Development of SuperSour and other outstanding rootstocks with tolerance to HLB
18-006	Dewdney, Megan	University of Florida	Understanding the underlying biology of citrus black spot for improved disease management

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18-007	Dutt, Manjul	University of Florida	Investigating the role of transgenic rootstock-mediated protection of non-transgenic scion.
18-010	Gmitter, Fred	University of Florida	Upgrading Citrus Genome Sequence Resources: Providing the Most Complete Tools Necessary for Genome Editing Strategies to Create HLB Resistant Cultivars
18-011	Gmitter, Fred	University of Florida	Part A - The UF/CREC Core Citrus Improvement Program
18-013	Jones, Jeffrey B.	University of Florida	Using a Multipronged Approach to Engineer Citrus for Canker Resistance
18-016	McNellis, Tim	Penn State University	Testing grapefruit trees expressing an anti-NodT antibody for resistance to HLB
18-017	Mou, Zhonglin	University of Florida	Establish early-stage field trials for new HLB-tolerant canker-resistant transgenic scions
18-018	Pelz-Stelinski, Kirsten	University of Florida	Disrupting transmission of Candidatus Liberbacter asiaticus with antimicrobial therapy
18-019	Rogers, Elizabeth E.	USDA-ARS	Phloem specific responses to CLas for the identification of novel HLB Resistance Genes
18-020	Santra, Swadeshmakul	University of Central Florida	Novel multi-metal systemic bactericide for HLB control
18-022	Stover, Ed	USDA-ARS	Delivery of Verified HLB-Resistant Transgenic Citrus Cultivars
18-024	Triplett, Eric W.	University of Florida	Foliar phosphate fertilization: a simple, inexpensive, and unregulated approach to control HLB
18-025	Wang, Nian	University of Florida	Optimization of the CRISPR technology for citrus genome editing
18-026	Wang, Nian	University of Florida	Control citrus Huanglongbing by exploiting the interactions between Candidatus Liberibacter asiaticus and citrus
18-028C	Albrecht, Ute	University of Florida	Comparison of field performance of citrus trees on rootstocks propagated by seedlings, cuttings, and tissue culture
18-029C	Albrecht, Ute	University of Florida	Evaluation of citrus rootstock response to HLB in large-scale existing field trials using conventional and automated procedures
18-032C	Alferez, Fernando	University of Florida	Preventing young trees from psyllids and infection with CLas through use of protective netting
18-033C	Ampatzidis, Yiannis	University of Florida	Automated root mapping to enhance field trial evaluation of citrus rootstocks in the HLB era
18-034C	Dewdney, Megan	University of Florida	Improved postbloom fruit drop management and exploring PFD spread in Florida
18-036C	Duncan, Larry	University of Florida	Cover crops and nematicides: comprehensive nematode IPM across the grove landscape
18-039C	Grosser, Jude W.	University of Florida	Part B - The UF/CREC Citrus Improvement Program's Field Trial Evaluations
18-040C	He, Zhenli	University of Florida	Evaluation of the spatiotemporal dynamics of bactericides within the citrus tree via different application methods
18-041C	Johnson, Evan	University of Florida	Characterizing HLB-pH interaction to improve management of root function and tree health
18-042C	Kadyampakeni, Davie	University of Florida	Development of Root Nutrient and Fertilization Guidelines for Huanglongbing (HLB)-Affected Orange and Grapefruit
18-050C	Niedz, Randall P.	USDA-ARS	The effect of the ionization state of iron and citric acid on the health of HLB-infected trees.
18-051C	Pelz-Stelinski, Kirsten	University of Florida	Improving bactericide therapy for young tree protection and inoculum reduction
18-052C	Qureshi, Jawwad	University of Florida	Sustainable Management of Asian citrus psyllid (ACP) and Citrus Production

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18-055C	Qureshi, Jawwad	University of Florida	Optimizing Benefits of UV Reflective Mulch in Solid Block Citrus Plantings
18-056C	Stelinski, Lukasz	University of Florida	Functional IPM for Asian citrus psyllid under circumstances of chronic HLB
18-058C	Stover, Ed	USDA-ARS	Fort Pierce Field Test Site for Validating HLB and/or ACP Resistance
18-059C	Strauss, Sarah	University of Florida	Citrus row middle management to improve soil and root health
18-061C	Vashisth, Tripti	University of Florida	Evaluating sustainability of yield and fruit quality of sweet oranges with use of controlled release fertilizer and micronutrients
18-064C	Wang, Nian	University of Florida	Evaluation of the control effect of bactericides against citrus Huanglongbing via trunk injection
18-065C	Stover, Ed	USDA-ARS	High-Throughput Inoculation of Transgenic Citrus for HLB Resistance
18-066C	Orbovic, Vladimir	University of Florida	Support role of the Citrus Core Transformation Facility remains crucial for research leading to production of Citrus plants that may be tolerant or resistant to diseases.
18-067C	Zale, Janice	University of Florida	Continued Funding for the Mature Citrus Facility to Produce Disease Tolerant, Transgenic Citrus.