

NAREEEAC Citrus Disease Subcommittee

- Subcommittee met in Riverside California Feb 17-18
- Research Report on 7 projects funded through HLB SCRI, phase I
- Report from NIFA on Phase II funding awards recently announced
- Presentation/Discussion of other funding programs
 - USDA, MAC, CRDF, CRB
- Discussion of priorities for NIFA program, Phase III
- Discussion of stakeholder review process and need for additional stakeholders to participate

USDA NIFA SCRI Approved Projects 2014

- Title: Determining the Roles of Candidate Genes in Citrus-HLB Interactions and Creating HLB resistant Citrus Cultivars - Gmitter
- Title: Non-transgenic, near term RNA interference-based application strategies for managing Diaphorina citri and citrus greening Huanglongbing - Falk
- Title: Developing an Infrastructure and Product Test Pipeline to Deliver Novel Therapies for Citrus Greening Disease - Brown
- Title: A novel antimicrobial approach to combat Huanglongbing disease - Lorca

USDA, NIFA SCRI Approved Projects 2014

- Title: Characterization of Liberibacter populations and development of field detection system for citrus huanglongbing - Ramadugu
- Title: Zinkicide A Nanotherapeutic for HLB - Johnson
- Title: Steam-generated Supplementary Heat Thermotherapy as an Immediate Treatment for Prolonging Productivity of HLB-infected Citrus Trees - Ehsani

USDA NIFA SCRI Approved Projects 2015

Title: Effectoromics of Huanglongbing (HLB)-Associated Pathogen

PD: Wenbo Ma **Institution:** University of California, Riverside

Title: Harnessing Natural Variation in the Ability of the Asian Citrus Psyllid to Transmit Liberibacter For Development of HLB Control Strategies

PD: Cilia, Michelle, L **Institution:** USDA ARS

Title: NIFA Center Of Excellence: Multifunctional Surface/Sub-Surface/Systemic Therapeutic (CoE: Ms3t) Technology for HLB Management

PD: Santra, Swadeshmukul **Institution:** University of Central Florida

USDA NIFA SCRI Approved Projects 2015

Title: Design and delivery of therapeutic proteins for HLB protection

PD: Gupta, Goutam **Institution:** New Mexico Consortium

Title: Microbial Inhibition for Management of Citrus Greening Disease

PD: Pelz-Stelinski, Kirsten S. **Institution:** University of Florida

Title: Development Of In Vitro Biofilm and Planktonic Culture of Ca. Liberibacter asiaticus: A Game Change In HLB Research

PD: David R. Gang **Institution:** Washington State University

Title: Development of Tools for Evaluating and Communicating Short Term Solutions for HLB.

PD: Gabriel, Dean W. **Institution:** University of Florida, Gainesville, FL

Year #3 Priorities (in order of importance)

- Therapies to keep infected trees alive (Florida)
- Development of GMO or non-GMO germplasm and rootstocks
- Culturing of Clas bacteria (Still do not know how to grow the bacteria in order to kill it)
- Early detection of greening infection (in California)
- Instructions will be given to any potential researcher to submit additional ideas for research that could be judged to be beneficial for consideration.