



COLLEGE OF AGRICULTURE
AND LIFE SCIENCES



2016 CEAC Summer Research Retreat

Friday, August 19, 2016

SCHEDULE:

8:00 – 10:00 am CALS State of the College Webcast

10:00 – 10:10 AM: Introduction – Dr. Gene Giacomelli

10:10 – 10:20 AM: Research and Activity Report of Dr. Barry Pryor

10:10 Barry Pryor – “Myco-Culture”

10:15 Wrap-up/Discussion of Barry Pryor

10:20 – 10:30 AM: Research and Activity Report of Dr. Chieri Kubota Group

10:20 Karla Garcia – “Strawberry Production in Controlled Environment Agriculture”

Note: Chieri is out of town and Karla will represent this group

10:25 Wrap-up/Discussion of Kubota Group

10:30 **Dr. Kitt Farrell-Poe** - Address from department head of Agriculture & Biosystems Engineering

10:35 – 11:00 Research and Activity Report of Dr. Murat Kacira Group

10:35 Fei (Jeff) Jia - “Multi-wavelength Optical Sensor for Microalgae Monitoring”

10:45 Ying Zhang – “Computational Fluid Dynamics applications to improve climate uniformity in vertical farm systems”

Note: Murat is out of town and his students will represent this group

10:55 Introduction of Kensaku Okada, Wrap-up/Discussion of Kacira Group

11:00 – 11:20 AM: Research and Activity Report of Dr. Stacy Tollefson Group

11:00 TJ Johns - “Bell Pepper Variety Trial”

11:10 Stacy Tollefson – “Organic Hydroponic Tomato Project” & PLS 217

11:15 Wrap-up/Discussion of Stacy Tollefson Group

11:20 – 11:30 AM: Research and Activity Report of Dr. Pat Rorabaugh Group

11:20 Dr. Pat Rorabaugh - “Activities in the CEAC Teaching Greenhouse”

11:25 Wrap-up/Discussion of Rorabaugh Group

11:30 **Mike Munday** - "Sustaining Planets Center, a project of the Production Education Greenhouse & Commerce Program of Hungry Planets Systems & Service, CEAC and ABE"

11:40 – 12:25 Research and Activity Report of Dr. Gene Giacomelli

11:40 **Dr. Gene Giacomelli** - "Various activities at CEAC"

11:50 Roberto Furfaro - "Progress of the Mars Lunar Greenhouse Project"

12:00 Dr. Ajay Jones - "Environmental Modeling in a Corn Greenhouse"

12:10 Tilak Mahato - "Greenhouse Seed Corn Production Under Ebb and Flood System"

12:20 James Ebeling - "School, Urban and Commercial Aquaponics"

12:30 Sean Gellenbeck - "Space Rocks and Space Plants"

12:40 Myles Lewis - "Growing Lettuce in Deep Water Culture"

12:55 Aaron Tevik – "CEAC Short Courses"

1:00 Austin Smith – "Program Marketing of CEAC and ABE"

1:05 Wrap-up/Discussion of Giacomelli Group

End of presentations until 1:00 PM + - Lunch (provided by CEAC)