

**National Institute  
of  
Food and Agriculture**  
1890 Capacity Building Grants Program  
Project Director's Meeting



September 16-19, 2012  
Holiday Inn Research Park  
Huntsville, Alabama, USA

## SPONSORS and CONTRIBUTORS



**Alabama A&M University**



**Holiday Inn Huntsville Hotel  
Research Park**



**ARAMARK**  
**AAMU Dining Services**

## CONFERENCE COMMITTEES

Program	Local Organizing
<p>Edwin Lewis, PhD Garland Robertson, MS Lloyd T. Walker, PhD Tommy L. Coleman, PhD</p>	<p>Lloyd T. Walker, PhD Tommy L. Coleman, PhD Martha Verghese, PhD Josh Herring, PhD Nikki Coleman, Alabama Cooperative Extension Marion Draper Torin Malone Derrick Gilmore Karen Renée Johnson, MA</p>
Transportation	Editorial
<p>Marshall P. Chimwedzi Alabama A&amp;M University Bulldog Transit System (BTS)</p>	<p>Karen Renée Johnson, MA Tommy L. Coleman, PhD Lloyd T. Walker, PhD</p>
Reception/Registration	Technical Support
<p>Torin Malone Tommy L. Coleman</p>	<p>Torin Malone Edwin Lewis, PhD Garland Robertson, MS</p>
Food	Field Trip
<p>ARAMARK</p>	<p>BTS</p>

**National Institute of Food and Agriculture 1890 Capacity Building Grants Program Project Director's Meeting  
September 16-19, 2012, Holiday Inn, Research Park, Huntsville, Alabama, USA**

**Sunday, September 16, 2012**

3:00-6:00 pm

Hotel Check-In/Registration

6:00-9:00 pm

**Networking Reception  
Madison Avenue Grand Ballroom, Holiday Inn Research Park**

**Day 1: Monday, September 17, 2012**

7:00-8:45 am

Hotel/Breakfast

8:45-9:15 am

Travel to Alabama A&M University Campus,  
James I. Dawson Auditorium – Bulldog Transit System

Opening Session

*Dr. Lloyd T. Walker*, Interim Dean CALNS, Presiding

9:15-9:45 am

Welcome: *Dr. Andrew Hugine, Jr.* President, Alabama A&M University:  
*Dr. Muquarrab Qureshi*, Asst. Dir. Institute of Youth Family and Community, NIFA/USDA

9:45-10:00 am

1890 CBGP: *Edwin Lewis/Garland Robertson*, NIFA/USDA

10:00-10:30 am

Award Management: *Edwin Lewis/Garland Robertson*, NIFA/USDA

**10:30-10:45 am**

**Morning Break**

10:45-11:15 am

Campus Coordination for 1890 CBGP  
*Shirley Hymon-Parker*, North Carolina A&T University  
*Oscar Udoh*, Southern University Ag Center

11:15-11:45 am

FAEIS Database:  
*Bill Richardson*, Coordinator for FAEIS Database, Virginia Tech University

11:45-12:00 pm

Commute to Knight Center – Bulldog Transit System

12:00-1:30 pm

LUNCH – Knight Center

**Oral Research Paper Presentations**

Chair: *Martha Verghese*, Alabama A&M University

1:30-1:45 pm

Agroforestry for Small Farmers and Woodland Owners in North Carolina  
*Joshua Idassi* - North Carolina Agricultural and Technological State University

1:45-2:00 pm

Identifying Food Safety Risk Factors and Educational Strategies for Consumers Purchasing  
Seafood and Meat Products Online  
*Sandria L. Godwin* - Tennessee State University

2:00-2:15 pm

Integrating Sustainable Aquaculture Research and Teaching for Advancing Rural Communities  
*Steven D. Mims* - Kentucky State University

2:15-2:30 pm

Enhancing the Design, Communication and Analytical Skills of students through  
Problem Solving and GIS Applications  
*Godfrey Gayle* - North Carolina Agricultural and Technological State University

2:30-2:45 pm

Project JUMPSTART  
*Alfred L. Parks* - Prairie View A&M University

2:45-3:00 pm	Recruitment and Retention Strategies for Educating Students for Successful Careers in Agricultural Biotechnology <i>Sarwan K. Dhir</i> - Fort Valley State University	
3:00-3:15 pm	<b>Afternoon Break</b>	
	<b>Afternoon Concurrent Sessions</b>	
	<b>SESSION A Dawson Auditorium</b> Chair: <i>Joshua Herring</i> , Alabama A&M University	<b>SESSION B Dawson Room 240</b> Chair: <i>Karnita Golson-Garner</i> , Alabama Cooperative Extension System
3:15-3:30 pm	How the DSU Didactic Program in Dietetics has been Enhanced Over the Past 2 Years <i>Carol Giesecke</i> - Delaware State University	A Mobile Kitchen for Fruit and Vegetable Processing Training and Extension Initiatives for Pawpaw and Sorghum Syrup <i>Kirk W. Pomper</i> - Kentucky State University
3:30-3:45 pm	Combining Youth Passion and Resources for Environmental Science Studies (CYPRESS) <i>Audrey McCrary-Quarles</i> – South Carolina State University	Enhancing Undergraduate Research and Experiential Learning in Human Sciences, Family and Consumer Sciences, and Human Ecology: A Model Program for Land Grant Institutions <i>Nina Lyon-Bennett</i> – University of Maryland Eastern Shore
3:45-4:00 pm	Phytochemicals: Developing a Multi-Purpose Insecticide/Acaricide from Wild Tomato <i>George Antonious</i> – Kentucky State University	CESTA Summer Youth Development Institute: In Search of the Next George Washington Carver <i>Bobby Phills</i> – Florida A&M University
4:00-4:15 pm	Biochemical and Quantitative Proteomics Approach to Investigate Muscadine Berry Ripening <i>Mehboob B. Sheikh</i> - Florida A&M University	Eagle's Kids Jump Start a Healthy Lifestyle <i>Virginal Zoumenou</i> – University of Maryland Eastern Shore
4:15-4:30 pm	Perceptions of Health and Media Influence on Obesity in the African American Community <i>Veronica J. Oates</i> - Tennessee State University	Establishment of Veterinary Technology Track: Cultivating Pre-Vet/Vet. Tech Professionals to Address the Need of the 21 Century <i>Ray Mobley</i> – Florida A&M University
4:30-4:45 pm	Current Perspectives on the Microbial Food Safety of Fresh Produce: Pathogens and their Survival in Soil, Water, and on Fresh Produce <i>Fawzy Hashem</i> , University of Maryland Eastern Shore	
<b>Day 2: Tuesday, September 18, 2012</b>		
7:00-8:30 am	Hotel/Breakfast	
8:30-9:00 am	Travel to Alabama A&M University Campus, James I. Dawson Auditorium – Bulldog Transit System	
	<b>Oral Presentations Concurrent Sessions</b>	
	<b>SESSION A : Dawson Auditorium</b> Chair: <i>Yong Wang</i> , Alabama A&M University	<b>SESSION B: Dawson Room 240</b> Chair: <i>Constance Wilson</i> , Alabama A&M University
9:00-9:20 am	Water Conservation on the Move: Water Wheels Tour <i>Cathy Sabota</i> - Alabama Cooperative Extension System	Climate Change and Adaptation: Curricula Design, Student and Faculty Development Through International Experience in Australia, and Precollege Awareness <i>Shobha Sriharan</i> - Virginia State University

9:20-9:40 am	Fostering Local Economic Development: Engaging High School Students in Agricultural Science, Business and Entrepreneurship <b>James O. Bukenya</b> – Alabama A&M University	Molecular Cloning and Silencing of Dihydroflavonol 4- reductase Gene ( <i>dfR</i> ) in Synchronized <i>In vitro</i> Cell Lines of North American Native Grapes: <i>M.rotundifolia</i> ‘Noble’ var. and <i>V. aestivalis</i> ‘Cynthiana’ var. <b>Violeta Tsolova</b> - Florida A&M University
9:40-10:00 am	Promoting Health, Nutrition and Wellness Through Urban Ag Connections and Live + Learn Health and Wellness Project Initiatives <b>Orlentea McGowan/Carla Kirk/Corey Williams</b> - Langston University	Microalgae from Midwestern United States for Biomass and Biodiesel <b>Keesoo Lee</b> - Lincoln University of Missouri
10:00-10:20 am	Langston University’s More Improved Approach For Providing Undergraduate Biotechnology Research Experience To Underrepresented Students <b>Kanyand Matand</b> - Langston University	Building Critical Thinking and Communication Skills of Undergraduates Through Sustainable Agriculture Experiences <b>Lurline Marsh</b> - University of Maryland Eastern Shore
10:20-10:30 am	<b>Morning Break</b>	
10:30-10:50 am	Strengthening International Competence of the Faculty and Students at Alabama A&M University through Education and Research Collaboration with China <b>Yong Wang</b> – Alabama A&M University	Natuculture: Making the Unnatural Natural <b>Manuel R. Reyes</b> - North Carolina A&T State University
10:50-11:10 am	Portable Collaborative Utility for Classroom and Offsite Instruction <b>Desar D. Fermin</b> – Tuskegee University	Evaluation of In-field Production of Ethanol from Sweet Sorghum <b>Mark Latimore, Jr.</b> - Fort Valley State University
11:10-11:30 am	Application of Nanotechnology in Forest Health Management <b>Yadong Qi</b> - Southern University Agricultural Research and Extension Center	Research on Scutellaria, a plant with anti-tumor potential <b>Nirmal Joshee</b> – Fort Valley State University
11:30-11:50 am	Environmental Sustainability Education in Experiential Learning and Consumer Awareness <b>Sue Ballard de Ruiz</b> – Tennessee State University	Use of Legume Comparative Genomics for Understanding Common Bean Rust Resistance <b>Vasudevan Ayyappan</b> – Delaware State university
11:50-12:00 am	Commute to Knight Center – Bulldog Transit System	
12:00-1:30 pm	LUNCH – Knight Center	
1:30-5:00 pm	<b>Tour of Facilities and City of Huntsville Sign-up for a Tour of the Botanical Gardens or the NASA Space and Rocket Center</b>	
5:00 pm	<b>Travel to Hotel – Bulldog Transit System</b>	
<b>Day 3: Wednesday, September 19, 2012</b>		
7:00-8:30 am	Continental Breakfast	
8:30-10:30 am	<b>Poster Presentations</b> Madison Avenue Ballroom, Holiday Inn	

10:30-11:15 am	Successful Grant Writing <i>George Antonius</i> , Kentucky State university, and <i>Arthur Allen</i> , University of Maryland Eastern Shore 42 <sup>nd</sup> Street Meeting Room, Holiday Inn
11:15-11:30 am	1890 CBGP Updates <i>Edwin Lewis</i> , NIFA/USDA 42 <sup>nd</sup> Street Meeting Room, Holiday Inn
11:45-2:00 pm	<b>Luncheon and Closing Comments USDA/AAMU Grand Ballroom, Holiday Inn</b>
2:00 PM	Depart for Airport Hotel Shuttle Available
<b>Poster Number</b>	<b>Listing of Poster Presentations</b>
1	Project JUMPSTART <i>Alfred L. Parks</i> , Prairie View A&M University
2	Building Capacity of the Soil and Water Analysis Laboratory at Florida A&M University <i>Amita Jain</i> , Florida A&M University
3	Dry Poultry Litter Subsurface Soil Application Technology “A Novel Approach to Nutrient Management” <i>Arthur L. Allen</i> , University of Maryland Eastern Shore
4	Establishing 1890s Land Grant Universities Water Center, <i>Asmare Atalay</i> , Virginia State University
5	Combining Youth, Passion and Resources for Environmental Science Studies (CYPRESS), <i>Audrey McCrary-Quarles</i> , South Carolina State University
6	Utilizing E-Learning to Enhance Preparation of Food and Nutrition Graduates, <i>Bernestine B. McGee</i> , Southern University and A&M College
7	CESTA Summer Youth Development Institute: (In Search of the Next George Washington Carver), <i>Bobby R. Phills</i> , Florida A&M University
8	Strategies to Improve Farm and Business Efficiency Through Integrated Communication, <i>Bridget Udoh</i> , Southern University Agricultural Research & Extension Center
9	Craw-Crab: Trash or Treasure, <i>C. Reuben Walker</i> , Southern University Agricultural Research and Extension Center
10	Tulsa Urban Ag Connections Project, <i>Carla Kirk</i> , Langston University
11	How the DSU Didactic Program in Dietetics has been Enhanced Over the Past 2 Years, <i>Carol Giesecke</i> , Delaware State University
12	Water Conservation on the Move: Water Wheels Tour, <i>Cathy Sabota</i> , Alabama Cooperative Extension System
13	Portable Collaborative Utility for Classroom and Offsite Instruction, <i>Cesar D. Fermin</i> , Tuskegee University
14	The Genetic Diversity of Sweet Potato Leaf Curl Virus (SPLCV) and the Development of SPLCV for Gene Expression and Silencing in Sweet Potato, <i>Chunquan Zhang</i> , Alcorn State University
15	Strengthening Faculty and Students Global Competence and Experiential Learning in Agriculture, Natural Resource Management and Conservation, <i>Conrad Bonsi</i> , Tuskegee University

16	Tulsa Live + Learn Health & Wellness Project, <i>Corey Williams</i> , Langston University
17	Academy for the Academic Enhancement of High School Students in the Food & Agricultural Sciences, <i>Dawn Mellion-Patin</i> , Southern University Agricultural Research and Extension Center
18	Enhancing Global Perspectives Using Video Conferencing and Experiential Learning, <i>Dovi Alipoe</i> , Alcorn State University
19	Molecular Cloning and Silencing of Dihydroflavonol 4-reductase Gene (dfr) in Synchronized In vitro Cell Lines of North American Native Grapes: <i>M.rotundifolia</i> ‘Noble’ var. and <i>V. aestivalis</i> ‘Cynthiana’ var., <i>Violeta Tsoлова</i> , Florida A&M University
20	Eagle’s Kids JumpStart a Healthy Lifestyle, <i>Virgine Zoumenou</i> , University of Maryland Eastern Shore
21	Interdisciplinary Experiential Natural Resource Learning Opportunities, <i>Ellene Kebede</i> , Tuskegee University
22	Combating Childhood Obesity with Caregivers as Change Agents, <i>Fatemeh Malekian</i> , Southern University Agricultural Research and Extension Center
23	Processes Controlling Hydrochemistry in a Claypan Soil Watershed in Missouri, <i>Fengjing Liu</i> , Lincoln University
24	Proteomic Analysis of Campylobacter Surface Antigens for Developing an Innovative Fingerprinting Scheme, <i>Fur-Chi Chen</i> , Tennessee State University
25	Phytochemicals: Developing a Multi-Purpose Insecticide/Acaricide from Wild Tomato, <i>George Antonious</i> , Kentucky State University
26	Reducing Obesity Related Risk Factors among Middle-school Children in Baton Rouge, Louisiana, <i>Glenda Stein Johnson</i> , Southern University and A&M College
27	Enhancing the Design, Communication and Analytical Skills of Students through Problem Solving and GIS Application, <i>Godfrey Gayle</i> , North Carolina Agricultural and Technological State University
28	Enhancing Geographic Information System Education and Delivery through Collaboration: Curricula Design, Faculty, Staff, Students, Farmers and Extension Agents Training, <i>Gulnihal Ozbay</i> , Delaware State University
29	American Ginseng and Childhood Obesity: The Effects and Mechanisms in Mice and Preadipocytes, <i>Hongwei Si</i> , Tennessee State University
30	Hydrologic Influences on Soil Organic Carbon Loss Monitoring Using Stable Isotopes: Implementation and Operations, <i>Iftekhar Ahmed</i> , Prairie View A&M University
31	Fostering Local Economic Development: Engaging High School Students in Agricultural Science, Business and Entrepreneurship, <i>James O. Bukenya</i> , Alabama A&M University
32	Developing a Global Campus for the School of Agriculture and Environmental Sciences, <i>John Paul Owens</i> , North Carolina A&T State University
33	Building Capacity in Graduate Agricultural and Extension Education: Curriculum and Instructional Delivery through Integration of Technology, <i>John Ricketts</i> , Tennessee State University
34	Applications of Fluorescence EEM Spectroscopy for Detecting Dissolved Organic Matter in Surface Water, <i>John Yang</i> , Lincoln University of Missouri
35	Strengthening the Environmental Science Degree Program at Lincoln University (MO), <i>John Yang/Samson Tesfaye</i> , Lincoln University
36	Agroforestry for Small Farmers and Woodland Owners in North Carolina, <i>Joshua Idassi</i> , North Carolina Agricultural and Technological State University

37	Langston University's More Improved Approach For Providing Undergraduate Biotechnology Research Experience to Underrepresented Students, <i>Kanyand Matand</i> , Langston University
38	Preparing Families for Future Health and Wealth Challenges, <i>Kasundra Cyrus</i> , Southern University Agricultural Research and Extension Center
39	Development of a Masters in Environmental Studies (MES) Program at Kentucky State University, <i>Kazi Javed</i> , Kentucky State University
40	Microalgae from Midwestern United States for Biomass and Biodiesel, <i>Keesoo Lee</i> , Lincoln University of Missouri
41	Building Opportunities through Leadership Development, <i>Kenyetta Nelson-Smith</i> , Southern University Agricultural Research and Extension Center
42	A Mobile Kitchen for Fruit and Vegetable Processing Training and Extension Initiatives for Pawpaw and Sorghum Syrup, <i>Kirk W. Pomper</i> , Kentucky State University
43	Progress of Roselle Hibiscus Research at Southern University Agricultural Research & Extension Center, <i>Kit L. Chin</i> , Southern University Agricultural Research and Extension Center
44	Center for Family Nutrition and Wellness Education (CFNWE): Integrating Nutrition and Physical Activity to Combat Childhood Obesity, <i>Kristopher Grimes</i> , Kentucky State University
45	Water Quality Testing and Educational Program at Tuskegee University, <i>Leah Osinuga</i> , Tuskegee University
46	An Integrated Process for Production of Ethanol and Biobased Products from Lignocellulosic Biomass, <i>Lijun Wang</i> , North Carolina Agricultural and Technical State University
47	Building Critical Thinking and Communication Skills of Undergraduates Through Sustainable Agriculture Experiences, <i>Lurline Marsh</i> , University of Maryland Eastern Shore
48	Natuculture: Making the Unnatural Natural, <i>Manuel R. Reyes</i> , North Carolina A&T State University
49	Experiential Learning through Natuculture, <i>Manuel R. Reyes</i> , North Carolina A&T State University
50	Computing Solutions for Enhanced Teaching and Learning in Biological and Agricultural Systems Engineering, <i>Margaret W Gitau</i> , Florida A&M University
51	Goat Business Plan, <i>Marion Simon</i> and <i>Louie Rivers Jr.</i> , Kentucky State University
52	Evaluation of In-field Production of Ethanol from Sweet Sorghum, <i>Mark Latimore, Jr.</i> , Fort Valley State University
53	Hands-on Research Programs Increase Recruitment and Retention in the Food Science Program, <i>Martha Verghese</i> , Alabama A&M University
54	Enhancement of Minority Participation in Functional Food Product Development in Food Science Programs, <i>Martha Verghese</i> , Alabama A&M University
55	Surveying human Subjects: Using Experiential Learning as the Basis for Teaching Surveying, Sampling and Research Methods, <i>Michael Thomas</i> , Florida A&M University
56	Down-Regulation of Lignin Biosynthesis in Rice Using Terminator-Less and RNAi Mediated Gene Silencing, <i>Muthusamy Manoharan</i> , University of Arkansas at Pine Bluff

57	Effects of Different Stocking Rates of Goats in Pine Plantation on Understory Biomass, Crown Cover Density, and Animal Productivity, <i>Nar K. Gurung</i> , Tuskegee University
58	Sustainable Livestock Educational Sites, <i>Niki Whitley</i> , North Carolina A&T State University
59	Enhancing Undergraduate Research and Experiential Learning in Human Sciences, Family and Consumer Sciences, and Human Ecology: A Model Program for Land Grant Institutions, <i>Nina Lyon Bennett</i> , University of Maryland Eastern Shore
60	Research on Scutellaria, a Plant with Anti-Tumor Potential, <i>Nirmal Joshee</i> , Fort Valley State University
61	Promoting Health, Nutrition and Wellness Through "Urban Ag Connections and Live + Learn Health & Wellness Project Initiatives, <i>Orlenthe McGowan/Carla Kirk/Corey Williams</i> , Langston University
62	Stories of Crop Evolution, Biodiversity and Domestication and Methods of Genomic Assisted Crop Improvement for Curricula Development, <i>Padma Nimmakayala</i> , West Virginia State University
63	Global Food and Agricultural Challenges: Strategies For Recruiting and Training Students in The Food and Agricultural Sciences, <i>Patricia E. McLean-Meynsse</i> , Southern University and A&M College
64	Building the Capacity of Program Delivery by Volunteer Youth Extension Paraprofessionals (YEP) for Effective Childhood Obesity Prevention Programs, <i>Prosper K Doamekpor</i> , Tuskegee University
65	Establishment of Veterinary Technology Track: Cultivating Pre-Vet./Vet. Tech Professionals to Address the Need of the 21 Century, <i>Ray Mobley</i> , Florida A&M University
66	JAGS in AG: Recruitment, Exploration, and Retention, <i>Renita Woods Marshall</i> , Southern University Agricultural Research & Extension Center
67	Improving Soil and Crop Productivity through Ground Sequestration of Biochar from Agricultural Byproducts., <i>Rishipal R. Bansode</i> , North Carolina Agricultural and Technical State University
68	Virtual Entrepreneurship Training, <i>Roger A. Richardson</i> , Alabama Cooperative Extension System
69	Evaluation of Post-harvest Processing Methods to Reduce the Levels of Vibrio spp. in Oysters, <i>Salina Parveen</i> , University of Maryland Eastern Shore
70	Water Smart: Watershed Academy for County Agents, <i>Sam O. Dennis</i> , Tennessee State University
71	Training in Information Technologies to Enhance Agricultural Instruction, Research and Outreach, <i>Samuel N. Nahashon</i> , Tennessee State University
72	Red Clay Garden-Based Education Curriculum: Enhancing Effectiveness of Instructional Team, <i>Sandra Thompson</i> , Florida A&M University
73	Identifying Food Safety Risk Factors and Educational Strategies for Consumers Purchasing Seafood and Meat Products Online, <i>Sandria L. Godwin</i> , Tennessee State University
74	Recruitment and Retention Strategies for Educating Students for Successful Careers in Agricultural Biotechnology, <i>Sarwan K. Dhir</i> , Fort Valley State University
75	Climate Change and Adaptation: Curricula Design, Student and Faculty Development through International Experience in Australia, and Precollege Awareness, <i>Shobha Sriharan</i> , Virginia State University
76	Effect of Management Practices on Alpaca Fiber Production, <i>Stephan Wildeus</i> , Virginia State University

77	Integrating Sustainable Aquaculture Research and Teaching for Advancing Rural Communities, <i>Steven D. Mims</i> , Kentucky State University
78	Environmental Sustainability Education in Experiential Learning and Consumer Awareness, <i>Sue Ballard de Ruiz</i> , Tennessee State University
79	Characterization of a New Bacillus Strain with Putative Cellulolytic Activities, <i>Supping Zhou</i> , Tennessee State University
80	Characterization of a New Bacillus Strain with Putative Cellulolytic Activities. Part II, <i>Supping Zhou</i> , Tennessee State University
81	Urbanization and Loss of Prime Agricultural Land in North Alabama Region: A Remote Sensing and GIS Study, <i>Teshome Gabre</i> , Alabama A&M University
82	Use of Legume Comparative Genomics for Understanding Common Bean Rust Resistance, <i>Vasudevan Ayyappan</i> , Delaware State University
83	Reviewing the Process for Establishing a Food Safety and Regulatory Program, <i>Velva J. McWhinney</i> , Prairie View A&M University
84	Perceptions of Health and Media Influence on Obesity in the African American Community, <i>Veronica J. Oates</i> , Tennessee State University
85	Influence of Prohexadione Calcium on Sweet Potato Growth and Yield, <i>Victor Njiti</i> , Alcorn State University
86	Genetic and Molecular Elucidation of Phospholipid Biosynthetic Pathways in <i>Haemonchus contortus</i> , <i>William H. Witola</i> , Tuskegee University
87	Involvement of Extracellular Matrix, Membrane and Intracellular Proteins in Increased Fat Deposition in Chickens, <i>Xiaofei Wang</i> , Tennessee State University
88	Application of Nanotechnology in Forest Health Management, <i>Yadong Qi</i> , Southern University Agricultural Research and Extension Center
89	Ultraviolet-B Radiation Protection Strategies in Selected Southern Trees, <i>Yadong Qi</i> , Southern University Agricultural Research and Extension Center
90	Strengthening International Competence of the Faculty and Students at Alabama A&M University through Education and Research Collaboration with China, <i>Yong Wang</i> , Alabama A&M University
91	Silver Nanoparticles as Pesticide, <i>Zahra Afrasiabi</i> , Lincoln University
92	Biochemical and Quantitative Proteomics Approach to Investigate Muscadine Berry Ripening, <i>Mehboob B. Sheikh</i> , Florida A&M University
93	Current Perspectives on the Microbial Food Safety of Fresh Produce: Pathogens and their survival in soil, Water, and on Fresh Produce, <i>Fawzy M. Hashem</i> , University of Maryland Eastern Shore
94	Potential of Certain Plant Species in Hyper Accumulating Phosphorous from Manured-Enriched Soils, <i>Robert B. Dadson</i> , University of Maryland Eastern Shore

**\*Contact anyone at the NIFA registration desk for information and sign-up for tours.**

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