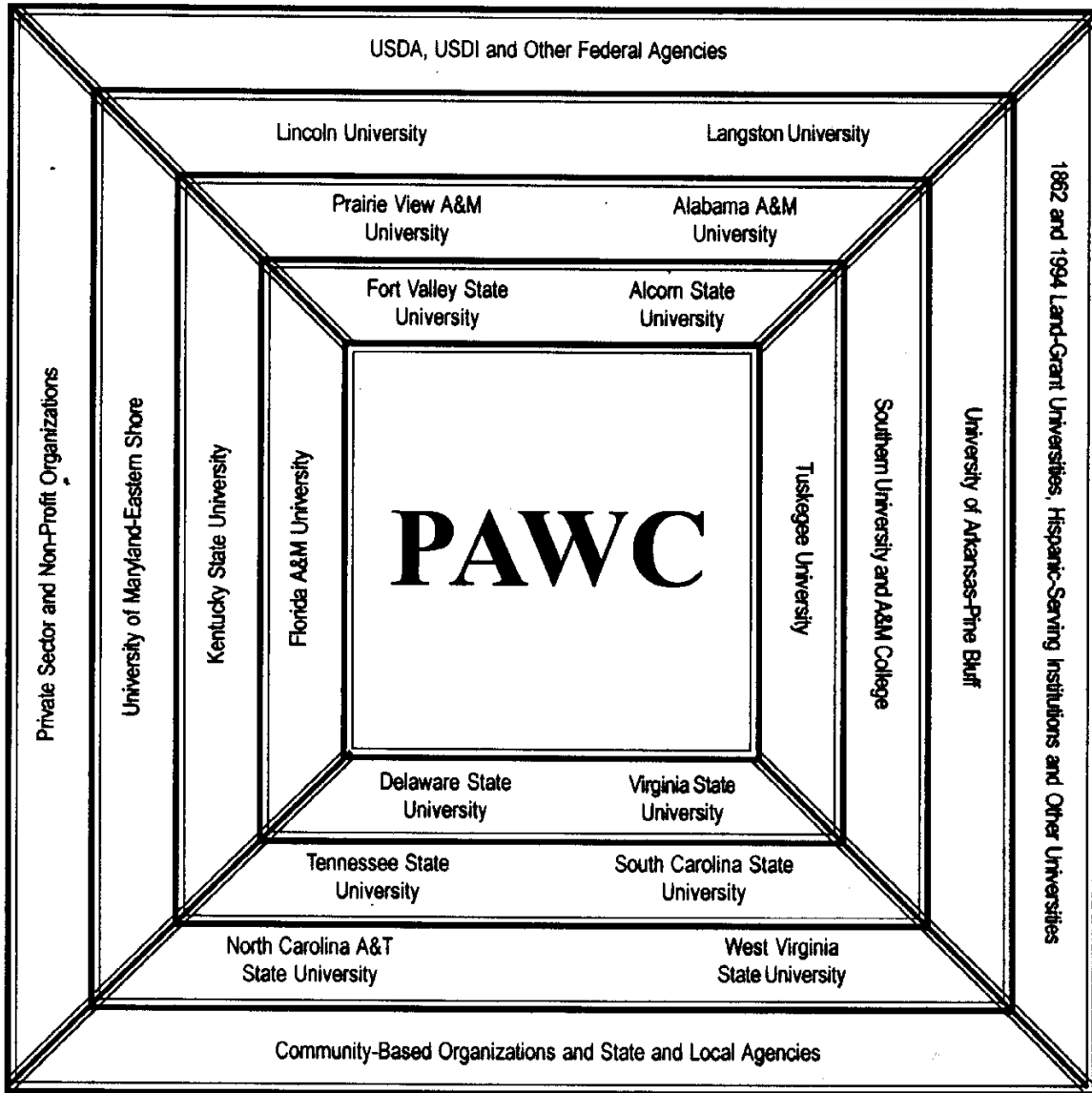


**THE 67<sup>th</sup> ANNUAL  
PROFESSIONAL AGRICULTURAL WORKERS CONFERENCE**



**THEME:**

**THE COLOR OF WEALTH IN THE GREEN ECONOMY:  
BEST PRACTICES, PROGRAMS AND POLICIES**

**DECEMBER 6-8, 2009**

**THE KELLOGG HOTEL AND CONFERENCE CENTER AT TUSKEGEE UNIVERSITY**

*Celebrating Dr. Benjamin F. Payton's 28 years as President of Tuskegee University*

**PRECONFERENCE MEETINGS AND ACTIVITIES**  
**The Kellogg Conference Center at Tuskegee University**

**FRIDAY, DECEMBER 4**

**TUSKEGEE UNIVERSITY FORESTRY AND NATURAL RESOURCES  
PROGRAM— 41<sup>ST</sup> ANNIVERSARY  
THEME: STATE OF THE VISION – REMEMBERING DR. B. D. MAYBERRY**

9:00 am – 5:00 pm

**BUSINESS OF THE COUNCIL**

*The Kellogg Hotel and Conference Center, Meeting Room A*

Chair:

Deidre Smith, USDA/Forest Service Liaison, *Tuskegee University*

**SATURDAY, DECEMBER 5**

7:00 am – 9:00 pm

**TUSKEGEE UNIVERSITY FORESTRY AND NATURAL RESOURCES  
PROGRAM 41<sup>ST</sup> ANNIVERSARY  
THEME: STATE OF THE VISION – REMEMBERING DR. B. D. MAYBERRY**  
*The Kellogg Hotel and Conference Center*

Chair:

Deidre Smith, USDA/Forest Service Liaison, *Tuskegee University*

**SUNDAY, DECEMBER 6**

10:00 am – 5:30 pm

**EXHIBIT AND POSTER SET UP**

2:00 pm – 5:30 pm

**PAWC REGISTRATION**

2:00 pm – 6:00 pm

**GAMMA SIGMA DELTA UNDERGRADUATE AND  
GRADUATE STUDENT PAPER AND POSTER COMPETITION**

*Meeting Rooms D & E—Undergraduate Competition*

*Meeting Rooms F & G—Graduate Competition*

3:00 pm

**TOUR OF TUSKEGEE CAMPUS—Meet in Lobby**

3:00 pm – 6:00 pm

**STUDENT INTERVIEWS AND CAREER OPPORTUNITIES—USDA AGENCIES**

*Meeting Room B*

6:30 pm

**TUSKEGEE UNIVERSITY CHRISTMAS CHOIR CONCERT**

*The Tuskegee University Chapel*

8:30 pm

**MEET THE PARTICIPANTS – *President's Reception***

*The Ballroom*



11:00 am – 12 pm

**STUDENT OPPORTUNITIES: TRAINING, INTERNSHIPS AND EMPLOYMENT**

*Meeting Room A*

- Inez Hockaday, *Director, Management Support Staff, VS, USDA-APHIS*
- Bill Boyer, *Executive Secretary to the National Technical Guide Committee, USDA-NRCS*
- Francine Jasper, *Assistant Director for International Professional Development Programs, College of Agriculture and Life Sciences, Cornell University*

11:15 am

**POSTER SESSION, EXHIBITS, and DISPLAYS**

*The Foyer*

12:00 pm – 1:30 pm

**L. A. POTTS LUNCHEON, KEYNOTE ADDRESS AND SUCCESS STORIES**

*The Ballroom*

- Presiding:** William Hodge, *Director of County Operations Tuskegee University Cooperative Extension Program*
- Invocation:** Wylin Dassie Wilson, *St. Dunstan's Episcopal Student Center at Auburn University*
- Hymn:** Ajoy Chakrabarti, *South Carolina State University*

**SUCCESS STORIES**

University of Georgia Cooperative Extension, Lamar County  
*Head Smart for a Healthy Start: A Garden-Enhanced Healthy Lifestyles Education Program*  
by Octavia Jackson

Florida A&M University  
*The National Goat Conference at FAMU*  
by Ray Mobley, *Director, Extension Services, Florida A&M University*

Tuskegee Macon County CDC  
by Vicky Grice and Major Holland

2:00 pm – 3:30 pm

**CONCURRENT WORKSHOPS (WK) AND PAPER PRESENTATIONS (PP)**

**PP1: Success Story Follow-Up** *Meeting Room A*

**WK1a: Strengthening Soil and Environmental Science Research and Training at 1890 Land Grant Universities: Successes and Future Challenges. Part 1**  
*Meeting Room B*

**Organizers:** Zachary Senwo, *Alabama A&M University,*  
Ramble Ankumah, *Tuskegee University*

**Presenters:**

- Ed Buckner, *University of Arkansas, Pine Bluff, AR*  
*Challenges to Environmental Science Research & Training at 1890 Land-grant Universities*
- Andrew Manu, *Iowa State University, Ames, IA*  
*Dr. George Washington Carver Chairmanship at Iowa State University: Linking 1862 and 1890 Institutions to Increase Minority Participation in Food and Agricultural Sciences*

- Oghenekome U. Onokpise and Dreamal Worthen, Florida A&M University, Tallahassee, FL  
*Increasing Underrepresented Minorities in Natural Resources and Environmental Sciences: Strategies, Challenges and Successes*
- Mark Ibekwe, USDA/ARS, Riverside, CA  
*USDA/ARS and 1890 Partnerships to Strengthen Minority Research and Training at 1890 Land-grant Universities*
- Zhongqi He, USDA/ARS, ME  
*USDA/ARS-Maine–Alabama A&M University Collaborative Research and Training Partnerships in Soil and Environmental Sciences*
- Montague MacPherson, Georgia Environmental Protection Division, Atlanta GA  
*Hazardous Site Response Program Opportunities and Challenges*

**Panelists:**

- Dr. Andrew Manu, Iowa State University, Ames, IA
- Dr. Kendall Lamkey, Iowa State University, Ames, IA
- Dr. Oghenekome U. Onokpise, Florida A&M University, Tallahassee, FL
- Dr. C. Wayne Honeycutt, USDA/ARS, ME
- Dr. A. Mark Ibekwe, USDA/ARS, Riverside, CA
- Dr. Teferi Tsegaye, Alabama A&M University, Normal, AL

**WK2: Interactive Grant Writing**

*Meetings Rooms D & E*

**Convener:** USDA

- Denis Ebodaghe & Dionne Toombs, USDA-National Institute of Food and Agriculture
- James Hill, SARE Program & Fort Valley State University
- Edgar Lewis, USDA-Rural Development
- Carmen Humphrey, USDA-Agricultural Marketing Service
- Linda Oliphant, USDA-Natural Resources Conservation Service
- Geraldine Herring, USDA-Office of the Assistant Secretary for Civil Rights
- Jorge Comas, USDA-Farm Service Agency
- Gladys Gary Vaughn, USDA-Office of the Assistant Secretary for Civil Rights
- William Buchanan, USDA-Risk Management Agency
- David Wiggins, USDA-Risk Management Agency
- Donna Hines, USDA-Food and Nutrition Service

3:30 pm – 4:00 pm

**BREAK: Savory**

*Break Lounge*

4:00 pm – 5:30 pm

**CONCURRENT WORKSHOPS (WK) AND PAPER PRESENTATIONS (PP)**

**WK1b: Strengthening Soil and Environmental Science Research and Training at  
1890 Land Grant Universities: Successes and Future Challenges. Part 2**  
*Meeting Room B*

**Organizers:** Zachary Senwo, *Alabama A&M University*,  
Ramble Ankumah, *Tuskegee University*

**PP2: Food, Nutrition and Health** *Meeting Rooms D & E*

**Moderator:** Eunice Bonsi, *Tuskegee University*

**Presenters:**

- Almeshia Abdullah, West Virginia State University  
*Fresh Appetite: Keeping Specialty Foods in West Virginia*
- Norma Dawkins, Jannette Bartlett and Sandra Solaiman, Tuskegee University  
*Influence of Demographic Factors on Acceptability of Chevron by Diverse Populations*
- Enefiok Ekanem<sup>1</sup>, Mary Mafuyai-Ekanem<sup>2</sup>, Fisseha Tegegne<sup>1</sup> and Surendra Singh<sup>1</sup>,<sup>1</sup>Tennessee State University, <sup>2</sup>Consulting Economist  
*Opportunities and Related Issues for Food Safety Research in Tennessee*
- Hanna Khouryieh, Delaware State University  
*Food Nutrition Label Use Among High School Students in Delaware*
- Ralphenia Pace, Alexandria Gray and Norma Dawkins, Tuskegee University  
*Reduction of Modifiable CVD Risk Factors in a Rural Population*
- Archie Williams, Fort Valley State University and Paul Heineman, Penn State University  
*Using an E-nose and Neutral Networks to Predict Odor Pleasantness*

**PP3: Rural and Community Development I** *Meeting Rooms F & G*

**Moderator:** Youssouf Diabate, *Tuskegee University*

**Presenters:**

- Amadou Diop, National Wildlife Federation  
*Standing Tall: How Restoring Longleaf Pine Can Help Prepare the Southeast for Global Warming*
- Andrew Zekeri, Tuskegee University  
*Rebuilding Communities After Hurricane Katrina in the Gulf Counties of Alabama*
- Joan Weston, Ohio University  
*The South Rises Yet Again: Wal-Mart and the Post Civil Rights Consumer Empowerment Movement*
- Andrew Zekeri, Tuskegee University  
*Food Insecurity and Depressive Symptoms Among HIV-Positive African American Single Mothers in the Alabama Black Belt*
- Christopher Mathis, Jr. and Shobha Choudhari, South Carolina State University  
*Distribution of the Free and Reduced Lunch Participation by Hispanics in Pee--Dee and Coastal Regions of South Carolina During the period of 2000-2003*

**WK3: Managing Risks During Difficult Financial Times: Programs and Resources Southern Risk Management Education Center (SRMEC)**  
*Meeting Room A*

**Organizers:** H. L. Goodwin, Jr. and Ronald Rainey,  
University of Arkansas, SRMEC Co-Directors

**Perspectives on Risk Education Programming and Resources**

- 1890 Institutions – Alfred Parks, Prairie View A&M University
- 1862 Institutions – Deacue Fields, Auburn University

**Risk Management Resources and Southern Center Overview**

- H. L. Goodwin, Jr. University of Arkansas, SRMEC
- Ronald Rainey, University of Arkansas, SRMEC

**NETWORKING AND SPECIAL MEETINGS**

6:30 pm

**FIFTEENTH ANNUAL MANRRS – TUSKEGEE UNIVERSITY  
G. W. CARVER CHAPTER STUDENT AWARDS DINNER**  
*The Ballroom*

**Presiding:** Koyan Jackson  
*Vice President, MANRRS, Tuskegee University,  
George Washington Carver Chapter*

**Speaker:** Robert Stanton  
*Deputy Assistant Secretary for Policy, Management and Budget  
United States Department of the Interior*

**Recognitions:** MANRRS Chapter of the Year 2009

**Sponsor:** PERDUE FARMS, Salisbury, MD



12:30 pm – 2:00 pm

**THE M. C. BLOUNT MEMORIAL LUNCHEON AND LECTURE**  
**Fort Valley State University**

*The Ballroom*

**Presiding:** Carl Butler, *National President of MANRRS*

**Invocation:** Ramble Ankumah, *Head, Department of Agriculture and Environmental Sciences, Tuskegee University*

**Lecture:** Mark Latimore, Jr., *Interim, Dean, College of Agriculture, Home Economics and Allied Programs, Fort Valley State University*

2:00 pm – 3:30 pm

**CONCURRENT WORKSHOPS (WK) AND PAPER PRESENTATIONS (PP)**

**PP4: Rural and Community Development II** *Meeting Rooms D & E*

**Moderator:** Christopher Mathis, Jr., *South Carolina State University*

**Presenters:**

- Freddie Richards, *Prairie View A&M University*  
*Telecommunication and Small Communities—Conditions for Internet Access*
- Thomas Thompson, Donald Tetrault, Christopher Mathis, Jr. and Jesulon Gibbs, *South Carolina State University*  
*Legislative Initiative on Dropout Prevention: A 50-State Review*
- Oliver Freeman and Zelia Wiley, *Kansas State University*  
*Multicultural Incoming Freshmen Attitudes and Perceptions of the Agricultural Sciences in a Summer College Preparation Program*
- Leonard McIntyre and Lamin Drammeh, *South Carolina State University*  
*Textbooks and Learning Materials Program (TLMP) Between SCSU/USAID ~ Zanzibar, Tanzania of East Africa*

**PP5: Production, Marketing and Consumer Preferences**

*Meeting Rooms F & G*

**Moderator:** Mary Mafuyai-Ekanem, *Consulting Economist, NC*

**Presenters:**

- Christopher Miles, Sherard Dinkins, Mohammed Ibrahim and Jackie Whitehead, *Fort Valley State University*  
*Will Georgia Consumers Pay a Premium for Locally Grown Peaches? Evidence from the Peach Festival*
- Nii Tackie, Robert Zabawa, Kokoasse Kpombrekou-A, Abdul-Wahab Salifu, Miriam Boateng, and Maria-Judith Kretchy, *Tuskegee University*  
*An Assessment of the Characteristics and Perceptions of Small, Limited Resource Farmers on Organic Farming and Products*
- Ghangela Jones, Shauntez Jennings, Mohammed Ibrahim and Jackie Whitehead, *Fort Valley State University*  
*Will Consumers Pay a Premium for Clone-Free Labeled Meat Products? Evidence from the 2009 Sunbelt Agricultural Exposition*
- Alex Brewer, Filton Johnson, Mohammed Ibrahim and Jackie Whitehead, *Fort Valley State University*  
*Will Consumers Pay a Premium for Transgenic-Free Labeled Meat Products? A Preliminary Analysis*

3:30 pm – 4:00 pm

**BREAK: Healthy**

*Break Lounge*

4:00 pm – 5:30 pm

**CONCURRENT WORKSHOPS (WK) AND PAPER PRESENTATIONS (PP)**

**PP6: Agricultural Production in the Southeast**

*Meeting Rooms D & E*

**Moderator:** Leander Brown, *USDA/NRCS North Carolina*

**Presenters:**

- Rilondricks Beeman and Patrick Igbokwe, Alcorn State University  
*Agronomic Evaluation of Newly Developed Sweet Corn in Southwest Mississippi*
- Ajoy Chakrabarti, South Carolina State University  
*Ethanol Production from Paper*
- Marcus Shorter and Patrick Igbokwe, Alcorn State University  
*Effect of Agronomy Practices on Peanut Yield Potential*
- George Awuni, Tuskegee University  
*A Comparative Study of Arthropod Dynamics in a Cowpea-Sweetpotato Monocrop and Intercrop System in Alabama*
- LaShunda Anderson, Alcorn State University  
*Assessment of the Marsh Fern, Asparagus Fern and Ryegrass for Their Potential in the Phytoremediation of Arsenic-Contaminated Soils*

**PP7: Farmer Programs and Assistance**

*Meeting Rooms F & G*

**Moderator:** Alice Love, *USDA/NRCS Liaison, Tuskegee University*

**Presenters:**

- Denis Ebodaghe, USDA-NIFA  
*The Role of USDA, Land Grant Colleges and Universities and Community-based Organizations in Working with Small Farmers and Ranchers*
- Barrett Vaughan, Tuskegee University  
*The SARE Program in Alabama*
- Rosannah Taylor, USDA-ARS  
*Agricultural Research Information for Small Scale and Limited Resource Farmers*
- Michael McNair, National Center for Appropriate Technology  
*ATTRA Services Provided to Small Scale Farmers and Farmer Providers*
- Nancy Franz and Fred Piercy, Virginia Tech., Joseph Donaldson, University of Tennessee Extension, Johnnie Westbrook, Virginia Tech., and Robert Richard, Louisiana State University  
*Farmer, Agent, and Specialist Perspectives on Preferences for Learning Among Today's Farmers*

**WK4: Learning Math, Science and Agriculture—Challenges and Outcomes in Black Belt Counties, Tuskegee University**

*Meeting Room B*

**Moderator:** Carol Zippert, Tuskegee University

**Presenters:**

- James Sanders, *Equipping Teachers in Science: Content Knowledge, Technology and Classroom Management*
- Mohammed A. Qazi, *Equipping Mathematics Teachers with New Tools*

- Jacqueline MacArthur, *Planting Seeds - An Agriculture Based Afterschool Program*
- Victor Brown and Michelle McKee, *AgriTREK/SciTREK–Bridge to Higher Learning*
- Carlton Morris, *Noyce Scholars: Preparing Math and Science Teachers*

**Closing Remarks:** Walter Hill

**WK5: International Programs**

*Meeting Room A*

**Chair:** Eloise Carter, Director, Office of International Programs, Tuskegee University

**Presenter:**

- Shari Hubert, Director of Recruitment, Peace Corps

5:30 pm – 6:30 pm

**NETWORKING AND SPECIAL MEETINGS**

*Meeting Room A*

6:30 pm

**GEORGE WASHINGTON CARVER PUBLIC SERVICE  
HALL OF FAME AWARDS BANQUET AND LECTURE**

*The Ballroom*

**Presiding:** Pearlie S. Reed, *Assistant Secretary for Administration, United States Department of Agriculture*

**Musical Selection:** Kathryn Hill, *Mezzo Soprano, USDA Office of Communications*

**Invocation:** William Lennard, *College of Agricultural, Environmental and Natural Sciences, Tuskegee University*

**Special Presentation**

**Introduction of Speaker:**

Benjamin F. Payton, *President, Tuskegee University*

**Speaker:** George Cooper, *President, South Carolina State University*

**Induction in the Hall of Fame**

- Benjamin F. Payton, *President, Tuskegee University*
- Shirley Sherrod, *Federation of Southern Cooperatives/Land Assistance Fund and Georgia State Director, USDA Rural Development*

By Charlotte Morris, *Executive Associate to the President/Secretary to the Board of Trustees, Tuskegee University*

**Presentation of Student Competition Awards**

## Graduate Poster Presentations

### ***COMPARISON OF THE HISPANIC POPULATION IN THE SELECTED COUNTIES OF SOUTH CAROLINA DURING THE PERIOD OF 2000-2007***

STACEY AYERS, Christopher Mathis, Jr., and Shobha Choudhari, South Carolina State University

### ***EFFECT OF HOLDING TIME ON COLOR, PH AND RESIDUAL NITRITE OF BEEF FRANKFURTERS FORMULATED WITH EITHER CELERY POWDER EXTRACT WITH PRE-GENERATED NITRITE OR COMMERCIALY AVAILABLE SODIUM NITRITE***

NOUFOH DJERI, S. K. Williams, J. Bacus, University of Florida

### ***INHIBITION EFFECT OF NATURAL OIL IN EDIBLE FILM AGAINST FOOD-BORNE PATHOGENS***

FABIENNE E. EHIVET, B. J. Min and J-H. Oh, Tuskegee University

### ***ASSESSING THE IMPACT OF LAND USE PRACTICES ON NITROGEN AND PHOSPHORUS LOADING IN TWO CREEKS IN THE ALABAMA RIVER BASIN USING PLOAD MODEL***

DEV PRASAD GURUNG, Ramble O. Ankumah and Leonard Githinji, Tuskegee University

### ***THE RELATIONSHIP BETWEEN BODY CONFORMATION AND CARCASS CHARACTERISTICS IN PUBERTAL MALE BOER GOAT CROSSES.***

L. KEITH, C. Okere, Tuskegee University

### ***BIOCHAR FERTILIZATION OF CARBON CREDITS AND SOIL QUALITY ENHANCEMENT***

YINGXIN, LIN, Mingxin Guo, Delaware State University

### ***CORE ANIMAL SCIENCE CONCEPTS AND TERMINOLOGY: DO OUR STUDENTS WITH WEAK OR NON – FARM BACKGROUNDS COMPREHEND?***

CHRISTOPHER RAGLAND, O. Bolden-Tiller, C. Okere, W. McElhenney, J. Bartlett and S. Solaiman, Tuskegee University

### ***COGONGRASS (IMPERATA CYLINDRICA L.) CONTROL WITH SHOOT EXTRACTS OF CHENOPODIUM (CHENOPODIUM AMBROSIOIDES L.)***

LISSA D. REID, Oghenekome U. Onopkpise and Bravo Brown, Florida A&M University

## Undergraduate Poster Presentations

### ***THE EFFECT OF TAT-REPO DOMAIN PEPTIDE ON CELL GROWTH AND APOPTOSIS***

ANTIONETTE KNOX<sup>1</sup>, Michael Atchison<sup>2</sup>, Suchita Hodawadekar<sup>2,1</sup>Tuskegee University, <sup>2</sup>University of Pennsylvania

### ***FATTY ACID COMPOSITION OF MUSCLE FAT OF GROWING KIKO CROSS-BRED INTACT MALE GOATS SUPPLEMENTED WITH DIFFERENT LEVELS OF PEANUT SKINS***

KAYCE CLEMMONS, A. Stone, N. Gurung, S. Solaiman, K. Willian, O. Bolden-Tiller and W. McElhenney, Tuskegee University

### ***EVALUATION OF ARTIFICIAL INSEMINATION WORKSHOP***

LARRY CLINKSCALES, Olga Bolden-Tiller, Cesar Mena, Maria Browning, Tuskegee University

### ***PRELIMINARY STUDIES ON HERD PROLIFICACY IN KIKO MEAT GOATS***

CANDACE ELLIS, Chuck Okere, Olga Bolden-Tiller, and Nar Gurung, Tuskegee University

### ***PRECISION BREEDING IN KIKO AND BOER GOATS USING BUCKS FITTED WITH A MARKING HARNESS***

DAVI-ANNE PHILLIP, Chuck Okere, Olga Bolden-Tiller, and Nar Gurung, Tuskegee University

***CRITICAL ANALYSIS OF REPRODUCTIVE PERFORMANCE IN BOER AND KIKO MEAT GOAT BREEDING HERD UNDER SEMI-INTENSIVE MANAGEMENT SYSTEM***

JASMINE STREETER, Sandra Solaiman, Chuck Okere and Nar Gurung, Tuskegee University

**Graduate Oral Presentations**

***ABUSIVE MOTHERS ATTITUDES TOWARD THEIR PARENTING SKILLS***

ASHLEY ADAMS, Ethel Jones, Christopher C. Mathis, Jr., South Carolina State University

***ADJUDICATED ADOLESCENT MALES: BEHAVIORAL SELF-CONCEPT AND THEIR PERCEPTION OF PARENT-CHILD RELATIONSHIPS***

TA'MEKA L. GETHERS, Ethel Jones, Christopher C. Mathis, Jr., South Carolina State University

***THE EFFECTS OF NEONATAL EXPOSURE TO ANDROGENS, WITH OR WITHOUT ESTROGENS, ON THE DEVELOPING RAT PENIS AND FERTILITY***

HAROLD HIGGINS, Olga Bolden-Tiller, Hari Goyal, Raphael Malbrue, Erinn Mackey, David Caldwell, Andrew Rhea, Kadeem Richardson, Tuskegee University

***COULD POTASSIUM ION PROVIDE THE NEEDED ABIOTIC RESISTANCE IN PLANT PRODUCTION***

STEPHEN LEWIS, Dharma Pitchay, K.C.Reddy, Tennessee State University

***USE OF MUHLY GRASS MUCHLENBERGIA CAPILLARIES LAM. EXTRACT IN THE CONTROL OF COGONGRASS (IMPERATA CYLINDRICA L)***

LISSA D. REID, Oghenekome U. Onokpise and Bravo G. Brown, Florida A&M University

***PREVALENCE OF ANTIBIOTIC RESISTANT SALMONELLA, E-COLI 157:H7 AND KLEBSIELLA ISOLATES FROM RETAIL MEATS IN MIDDLE TENNESSEE***

EMILY ROTICH, Agnes Kilonzo-Nthenge, and Cindy Thompson, Tennessee State University

***DEVELOPMENT OF TRANSGENIC SWEETPOTATO [LPOMOEA BATATAS (L. LAM)] EXPRESSING GENES JC41N AND JC41ND AS A PLANT-BASED VACCINE AGAINST HIV***

STEVEN SAMUELS, M. Egnin, J. Jayes, S. Traore, B. Min, J. Jackson, F. Sanders, Tuskegee University

***THE EFFECT OF JCHLH\*, A GNRH-LYTIC PEPTIDE CONJUGATE ON TESTICULAR FUNCTION IN RATS***

MICAELA N. SIMS, Jesse Jaynes, and Olga Bolden-Tiller, Tuskegee University

***USING AND IMPROVING IRRIGATION: PRODUCER PERCEPTIONS AND POSSIBILITIES***

EMILY T. SYNDOR, Joseph J. Molnar, Auburn University

**Undergraduate Oral Presentations**

***IMPACT OF SWEETPOTATO SEED PIECE DENSITY AND DIFFERENT SIZE CONTAINERS ON GROWTH AND YIELD OF POTATO***

MIYOURI BOWMAN, D. Johnson, L. Henderson, E. Mackey, S. Daniels, J. McMorris, J. Jackson, D. Phillip, E. Sparks, V. A. Khan, J. R. Bartlett and E. G. Rhoden, Tuskegee University

***WILL MUSLIM CONSUMERS PAY MORE FOR THE HALAL ATTRIBUTE? A SURVEY ANALYSIS***

TIFFANY CAMPBELL, Mohammed Ibrahim and Jackie Whitehead, Fort Valley State University

***EFFECT OF PT:CO:C LOADING ON THE CATALYTIC PROPERTIES OF CATALYST 6 FOR OXYGEN REDUCTION REACTION (CATALYST OF FUEL CELL)***

JOSEPH L. CARSON, JR., Branko N. Popov, Christopher C. Mathis, Jr., South Carolina State University

***SYNTHESIS OF BORON LOADED ORGANIC SCINTILLATORS FOR NEUTRON DETECTION***

KYLE E. CHILDS, Zheng Chang, Christopher C. Mathis Jr., South Carolina State University

***LEVEL OF EXPRESSION OF GPR 109A IN LIVER SAMPLES OF NIACIN-FED PERIPARTURIENT HOLSTEIN COWS.***

SCHONTONIA DAVIS<sup>1</sup>, Barry Bradford<sup>2</sup>, Laman Mamedova<sup>2</sup>, <sup>1</sup>Tuskegee University, <sup>2</sup>Kansas State University

***GOLD NANOPARTICLE ARTICLES INHIBITION OF AMYLOID-B FIBRIL FORMATION FOR ALZHEIMER DISEASE THERAPIES***

BRANDON JAMISON, Melissa A. Moss, and Christopher C. Mathis, Jr., South Carolina State University

***ETHANOL PRODUCTION IN THE U.S. AND THE IMPACTS ON FOOD COSTS IN LESSER DEVELOPED COUNTRIES***

GHANGELA JONES, Mary Arends-Kuenning, Erika Styles and Mack C. Nelson, Fort Valley State University

***EFFECT OF PLANT DENSITY AND DIFFERENT SIZE CONTAINERS ON THE GROWTH AND YIELD OF ONIONS***

JAMILA MCKENZIE, D. McRae, M. Smith, C. Drakes, A. Jimmerson, T. Charleston, B. Nelson, C. Clements, V. A. Khan, J. R. Bartlett and E. G. Rhoden, Tuskegee University

***THE EFFECTS OF A WARMER WORLD***

CEDRIC N. SHAMLEY, Christopher C. Mathis, Jr., South Carolina State University

***CLIMATE CHANGE: GLOBAL WARMING***

TEMPLETON TISDALE, Dr. Wilson, Christopher C. Mathis, Jr., South Carolina State University

***IDENTIFICATION OF ENTERBACTERIACEAE ISOLATES FROM POULTRY PROCESSING***

MELINDA K. WASHINGTON, Karen A. Liljebjelke, Christopher C. Mathis, Jr., South Carolina State University

**PROFESSIONAL  
POSTER PRESENTATIONS**

***FARMER, AGENT, AND SPECIALIST PERSPECTIVES ON PREFERENCES FOR LEARNING AMONG TODAY'S FARMERS***

Nancy Franz and Fred Piercy, Virginia Tech., Joseph Donaldson, University of Tennessee Extension, Johnnie Westbrook, Virginia Tech., and Robert Richard, Louisiana State University

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## **PAWC VISION AND MISSION STATEMENTS**

### **VISION**

The Professional Agricultural Workers Conference (PAWC) is a forum committed to a world that values and promotes equal opportunity and equitable access to information and technology for sustainable development of communities and natural resources.

### **MISSION**

To enhance the skills and contributions of agricultural and related professionals (business, government, university and community professionals) involved in discovery, dissemination and use of emerging technologies, information, problem solving, policy formulation and strategy development for the advancement of people and communities.

### **GOALS/OBJECTIVES**

- (1) Provide an annual forum for the exchange of cutting-edge knowledge and information
  - (2) Initiate and follow-up on programs and policy initiatives
  - (3) Provide information for public decision-makers and stakeholders
  - (4) Recognize and award those professionals who have made outstanding contributions to society
  - (5) Mentor and nurture future generations of professionals (agricultural and related sciences)
  - (6) Facilitate partnerships, collaborations, networking among corporations, individuals, groups, and organizations
  - (7) Foster professional development and life-long learning opportunities
  - (8) Foster an environment for institutional capacity building for people, organizations, and communities
-

## ACKNOWLEDGEMENTS

The 67<sup>th</sup> Professional Agricultural Workers Conference (PAWC) is grateful to the following organizations and individuals:

### U. S. Department of Agriculture:

Economic Research Service; Natural Resources Conservation Service; Rural Cooperative-Business Service; Forest Service; Farm Service Agency; Food and Consumer Service; Agency for Plant and Animal Health Inspection Service; Foreign Agriculture Service/ICD; National Institute of Food and Agriculture; Risk Management Agency

United States Department of Interior/National Park Service

American Agricultural Economics Association (AAEA) Foundation and

Committee on Opportunities and Status of Blacks in Agricultural Economics (COSBAE)

Department of Agriculture and Industries, State of Alabama

1890 Land Grant Colleges and Universities

National Association of State Universities and Land Grant Colleges (NASULGC)

Tuskegee University:

College of Agricultural, Environmental and Natural Sciences; Cooperative Extension Program; Center for Continuing Education; George Washington Carver Agricultural Experiment Station; Office of International Programs, Center for Minority Land and Community Security

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**Luncheons and Banquet:** E. Bonsi\*, L. Herron, J. McBride\*, E. Bromfield, Kim Ortiz, G. Blackmon

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