

SOUTHERN REGION MINI LAND-GRANT MEETING

MAY 16-19, 2022 | COLLEGE STATION, TEXAS



SCHEDULE OF EVENTS

ALL CONFERENCE SESSIONS TO TAKE PLACE AT THE TEXAS A&M HOTEL AND CONFERENCE CENTER (TAMUHCC)
ALL BREAKOUT ROOMS ARE LOCATED ON THE 2ND FLOOR WITH THE EXCEPTION OF CENTURY I-IV (1ST FLOOR)

MONDAY, MAY 16

- 8:30 AM – 11:30 AM Optional tour, PVAMU
- 11:30 AM – 12:30 PM **Lunch, PVAMU and travel**
- 1:30 PM – 4:30 PM Optional tour, TAMU
- 5:00 PM – 6:00 PM Registration (Concierge Desk, 2nd Floor)
- 5:45 PM Meet to walk to reception (TAMUHCC Lobby)
- 6:00 PM – 8:00 PM **Welcome reception, TAMU**
KYLE FIELD - CHANCELLORS SUITE

TUESDAY, MAY 17

- 6:30 AM – 8:00 AM **Breakfast** (Century Prefunction, I, II)
- 7:00 AM – 8:00 AM **Registration** (Concierge Desk, 2nd Floor)
- 8:00 AM – 10:00 AM **Separate sessions –**
 - AEA – 8:00 – 10:00 (Traditions)
 - ARD – 8:00 – 10:00 (Reveille)
 - CARET – 8:00 – 9:00 (Ross I)
 - S-AHS – 8:00 – 10:00 (Corps)
 - S-APS – 8:00 – 9:00 (Ross II)
- Joint sessions –**
 - ASRED & SAAESD – 8:00 – 10:00 (Century III&IV)
 - S-APS & CARET – 9:00 – 10:00 (Hullaballoo)
- 10:00 AM – 10:30 AM **Break** (Kiosks I&II, 2nd Floor)
- 10:30 AM – 12:00 PM **Separate sessions –**
 - AEA – 10:30 – 12:00 (Traditions)
 - ARD – 10:30 – 12:00 (Reveille)
 - ASRED – 10:30 – 12:00 (Ross I)
 - SAAESD – 10:30 – 12:00 (Corps)
 - S-APS – 10:30 – 12:00 (Ross II)
- Joint sessions –**
 - S-AHS & CARET – 10:30 – 12:00 (Century III&IV)
- 12:00 PM – 1:30 PM **Lunch** (Century Prefunction, I, II)
- Joint sessions –**
 - SAAESD & CARET lunch – 12:00 – 1:30 (Century IV)
 - ASRED & S-APS lunch – 12:00 – 1:30 (Hullaballoo)
 - General lunch – 12:00 – 1:30

1:30 PM – 3:00 PM

Separate sessions –

- ASRED – 1:30 – 3:00 (Corps)
- CARET – 1:30 – 3:00 (Ross I)
- SAAESD – 1:30 – 3:00 (Reveille)
- S-AHS – 1:30 – 3:00 (Traditions)
- S-APS – 1:30 – 3:00 (Ross II)

Joint sessions –

- AEA & ARD – 1:30 – 3:00 (Century III&IV)

3:00 PM – 3:30 PM

Break (Kiosks I&II, 2nd Floor)

3:30 PM – 5:00 PM

Separate sessions –

- ASRED – 3:30 – 5:00 (Corps)
- SAAESD – 3:30 – 5:00 (Reveille)
- S-AHS – 3:30 – 5:00 (Traditions)
- S-APS – 3:30 – 5:00 (Ross II)

Joint sessions –

- AEA, ARD & CARET – 3:30 – 5:00 (Century III&IV)

6:00 PM

Shuttle service from TAMUHCC begins

6:30 PM – 8:30 PM

Dinner, TAMU

THE GARDENS AT TEXAS A&M

9:00 PM

Shuttle service to TAMUHCC concludes

WEDNESDAY, MAY 18

6:30 AM – 8:00 AM

Breakfast (Century Prefunction, I, II)

8:00 AM – 8:10 AM

Welcome to Texas (Century I&II)

8:10 AM – 10:10 AM

Land-grant Universities' Roles in Human Health

- This session will include a broad overview of the status and impacts of human health and nutrition in the South and discuss how Land-grant University food and agriculture programs in research, teaching, and Extension can contribute more effectively to potential solutions.

10:10 AM – 10:30 AM

Break (Century Prefunction)

WEDNESDAY, MAY 18

10:30 AM – 12:00 PM

Who is Our Audience?

- This session will focus on how we do business (best practices for providing the content) and on what we do (program content). Questions that will be addressed include, but are not limited to:
- How does population change, including shifts in population subgroups, affect the food and agriculture system?
- How do people consume information/education of the type that Land-grant universities provide?
- What changes are needed to address population shifts, and what tools /techniques/technologies are required to accomplish those changes?

12:00 PM – 1:00 PM

Lunch (*Century Prefunction, I, II*)

1:00 PM – 2:30 PM

Recruitment & Retention of Diverse Faculty & Staff

- This session will provide participants with demographic trends of student enrollment and degree completion in agriculture, human science, and natural resources disciplines in the Southern region; along with an overview of current faculty demographics in Southern colleges of agriculture. It also will allow participants time to discuss how demographic changes may affect the future of each mission area and what collaborate actions might diversify disciplines or faculty/staff that are not currently racially, ethnically, or gender diverse.

2:30 PM – 3:00 PM

Break (*Century Prefunction, I, II*)

3:00 PM – 5:00 PM

Climate Influences on Agriculture

- This session will involve a panel of experts discussing key issues in better understanding climate related challenges we face as a region and how Southern region priorities influence the national agenda, engagement and policy. Participants will engage in a discussion with the panel on effective strategies to address climate change issues in the South.

6:00 PM – 8:00 PM

DINNER, TAMU HOTEL

THURSDAY, MAY 19

6:30 AM – 8:00 AM

Breakfast (*Century Prefunction, I, II*)

Joint sessions –

- ASRED & CARET breakfast – 6:30 – 8:00 (*Century IV*)

8:00 AM – 10:00 AM

Separate sessions –

- AEA – 8:00 – 10:00 (*Corps*)
- ARD – 8:00 – 9:00 (*Traditions*)
- ASRED – 8:00 – 10:00 (*Ross II*)
- SAAESD – 8:00 – 9:00 (*Reveille*)
- S-APS – 8:00 – 10:00 (*Ross I*)

Joint sessions –

- S-AHS & CARET – 8:00 – 10:00 (*Hullabaloo*)
- SAAESD & ARD – 9:00 – 10:00 (*Century IV*)

10:00 AM – 10:30 AM

Break (*Kiosks I&II, 2nd Floor*)

10:30 AM – 11:30 AM

Separate sessions –

- AEA – 10:30 – 11:30 (*Corps*)
- ARD – 10:30 – 11:30 (*Traditions*)
- ASRED – 10:00 – 11:30 (*Ross II*)
- CARET – 10:30 – 11:30 (*Ross I*)

Joint sessions –

- SAAESD & S-APS – 10:30 – 11:30 (*Century IV*)

11:30 AM

Adjourn



Our mission, as a member of the state's land-grant system, is to enrich Texas with comprehensive agricultural and life sciences knowledge and services to restore connections among people, agriculture, food, science and the economy.

📍 Texas A&M University, Agriculture and Life Sciences Building, 2142, 600 John Kimbrough Blvd, College Station, TX 77843

🌐 AGRILIFE.TAMU.EDU
☎ (979) 845-4747



The College of Agriculture and Human Sciences is the primary advocate in the state of Texas for underserved and underrepresented populations and limited resource clientele. We are committed to academic excellence, promoting health and wellness, and enhancing economic opportunities through Academics, Research, Extension and Farming. Agriculture and Human Sciences is the platform and landscape in which we thrive.

📍 College of Agriculture and Human Sciences
805 Cleaver St,
Prairie View, TX 77446

🌐 PVAMU.EDU/CAHS
☎ (936) 261-9236

WEDNESDAY SESSION DETAILS

WEDNESDAY, 8:10 AM – COLLEGES OF AGRICULTURE ROLES IN PROMOTING HUMAN HEALTH

The human health and nutrition sector significantly impacts both the social and economic condition of individuals, families, communities and states. This is borne out to even the casual observer when considering factors such as vaccine/no vaccine issues and costs to individuals, the health care system and to state budgets due to poor nutrition and chronic diseases such as high blood pressure and diabetes, as well as costs to personal quality of life.

This session will include a broad overview of the status and impacts of human health and nutrition in the South and how Land-Grant university (LGU) food and agriculture programs in research, teaching and Extension can contribute more effectively to potential solutions.

- 8:10 AM – 8:20 AM** Welcome and Speaker Introductions – TAMU and PVSU
- Session Moderator, Dr. Carolyn Williams, Executive Associate Director for Extension, Prairie View A&M University
 - Dr. Fatemeh Malekian, Project Director, Center of Excellence, Southern University
 - Dr. Leslie Hossfeld, Dean, College of Behavioral, Social and Health Sciences, Clemson University
 - Dr. David Buys, State Health Specialist and Associate Professor, Mississippi State University
 - Dr. Patrick J. Stover, Director, Institute for Advancing Health through Agriculture, Texas A&M AgriLife
- 8:20 AM – 8:40 AM** Topic 1: The Condition and Costs of Health in the South – This topic will overview the prevalent health issues in the South as related to their impacts on economic and social well-being to individuals, families, communities and states (region).
- Dr. Fatemeh Malekian, Project Director for the NIFA-funded Center of Excellence for Nutrition, Health, Wellness, and Quality of Life, located at Southern University and also involving Tuskegee and NC A&T universities.
- 8:40 AM – 9:00 AM** Topic 2: An Educational Response to Health Issues in the South – This topic will describe examples of education programs in the South that address current health issues.
- Dr. Leslie Hossfeld, Dean, College of Behavioral, Social and Health Sciences, Clemson University
- 9:00 AM – 9:20 AM** Topic 3: An Extension Response to Health Issues in the South – This is a summary of current-day examples of how Extension is addressing health issues, including work with the CDC and the Robert Wood Johnson Foundation.
- Dr. David Buys, Associate Professor, Food Science, Nutrition and Health Promotion, and Extension State Health Specialist, Mississippi State University.
- 9:20 AM – 9:40 AM** Topic 4: A LGU Institute Approach to Addressing Health Issues in the South – This is an overview of an institute approach to health improvement via agriculture.
- Dr. Patrick J. Stover, Director, Institute for Advancing Health through Agriculture, Texas A&M AgriLife
- 9:40 AM – 10:10 AM** Panel Discussion / Q & A

WEDNESDAY SESSION DETAILS

WEDNESDAY, 10:30 AM – WHO IS OUR AUDIENCE? HOW IS IT CHANGING? HOW DO WE ADAPT?

Agriculture faces the challenge and opportunity of adapting to population redistribution, shifts in the general population and population subgroups, including the changing demographics of farm operators in regard to women, race/ethnicity (Hispanic, Black, Asian, American Indian/Alaskan Native, Native Hawaiian/other Pacific Islander) and non-Hispanic White men. The food and agriculture system is viewed as a major contributor to community prosperity (economic, social and environmental). This dynamic is being influenced by population redistribution and changes in composition, including cultural diversity. However, this dynamic can be addressed by developing innovative, science-based and data-driven, innovative Extension and outreach programs. Emphasis will be placed on how these dynamics might influence how the Land-grant system addresses agrifood system development needs across the rural-urban continuum.

To focus the efforts of the Southern region, this session will engage a panel of experts addressing a broad range of perspectives and implications related to population change. Further, this session will be just as focused on how we do business (best practices for providing the content) as it is on what we do (program content).

For example, some questions that will be addressed include, but are not limited to:

- How does population change, including shifts in population subgroups, affect the food and agriculture system?
- How do people consume information/education of the type that we put out from Land-grant universities?
- What changes are needed given the population changes, and the tools /techniques/technologies needed?

10:30 AM – 11:30 AM Introduction/Presentations

The panel of experts will be allowed 15 minutes to present their information and data pertaining to population change, geographic redistribution, effects of population dynamics on the agricultural sector and the implications for programs offered by Land grant universities. As the panelists conclude their presentations, they will be asked to give their thoughts on the above three questions.

Moderator:

- Alton Thompson – Executive Director, Association of 1890 Research Directors

Panelists:

- John J. Green, Director, Southern Rural Development Center
- Dudley L. Poston, Jr., Professor Emeritus, Texas A&M University
- Bruce L. Ahrendsen, Professor of Agricultural Economics & Agribusiness, University of Arkansas
- Carolyn Williams, Extension Administrator, Prairie View A&M University

11:30 AM – 12:00 PM Panel Discussion / Q & A

For the last 30 minutes, the moderator and panelists will engage the audience in a Q&A that will also focus on gathering responses to these questions. This information will be used to develop a unified, robust and engaged response to addressing population redistribution issues in food and agriculture in the Southern region. Based on the expertise of directors and administrators at our institutions in the Southern regions, what are three strategies, approaches, or programs that leaders can implement in the next 3 – 5 years that have regional or national impact to population shifts?

WEDNESDAY SESSION DETAILS

WEDNESDAY, 1:00 PM – RECRUITMENT & RETENTION OF DIVERSE FACULTY & STAFF

This session will provide participants with demographic trends of student enrollment and degree completion in agriculture, human science, and natural resources disciplines in the Southern region; along with an overview of current faculty demographics in Southern colleges of agriculture. It also will allow participants time to discuss how demographic changes may affect the future of each mission area and what collaborate actions might diversify disciplines or faculty/staff that are not currently racially, ethnically, or gender diverse.

1:00 PM – 1:30 PM Introduction and Presentation

To set up table discussions regarding recruiting and retaining diverse faculty, this session will examine faculty data from USDA's Food and Agricultural Education Information System (FAEIS), degrees completed data from the Department of Education's Integrated Postsecondary Education Data System (IPEDS), student enrollment data from FAEIS and general population data from the U.S. Census. This data will paint a picture of the diversity of current faculty profile, as well as that of recent graduates and current students in the fields of agriculture, natural resources, and human sciences. Comparing those profiles to the general Southern population profile will reveal areas where Southern institutions may want to focus when looking at faculty diversity as well as areas increased attention may be needed regarding inclusion and building a sense of belonging.

1:30 PM – 2:15 PM Table Discussions

Participants will be asked to discuss the following at their tables.

- What more should the Southern LGU system be doing to attract and retain diverse faculty so that it better reflects the breadth of diversity found in the larger Southern population?
- How do you create a culture of inclusion so that faculty of all backgrounds feel welcome?
- If your faculty profile varies a good deal from your enrolling student profile, how do you ensure your students feel they belong and can see themselves succeeding in their chosen field?
- As the region's population demographics change, how has your LGU recalibrated its teaching, engagement, and research offerings to reach everyone? Are there populations whose needs are not being met?

2:15 PM – 2:30 PM Table Discussion Reporting

Participants will report the top takeaways from their table for each question.

WEDNESDAY SESSION DETAILS

WEDNESDAY, 3:00 PM – ADDRESSING THE IMPACTS OF CLIMATE CHANGE ON AGRICULTURE & FORESTRY IN THE SOUTHERN REGION

As we respond to the effects of climate change, the agricultural and forestry sectors in the South will face some of the biggest challenges, and these challenges will also affect rural and urban communities throughout the region. The diverse geographic and climatic characteristics of the southern region, coupled with its varied animal and crop production systems, vast coastal areas, and working forests, require innovative strategies to discover, adopt, and communicate solutions to the changing climate.

This session invites a panel of experts to discuss some key issues in order to better understand the challenges we face as a region and how regional priorities affect the national agenda.

Challenge statements:

- How is climate change affecting agriculture and forestry in the Southern Region?
- What are effective strategies to successfully address climate change issues in the South?
- Can regional priorities influence the national agenda?

3:00 PM – 4:30 PM

Introduction/Presentations

- Moderator: Ali Fares – Endowed Professor of Water Security and Water-Energy-Food Nexus, Prairie View A&M University

Climate variability and change: outlook, issues, and challenges to the Southern region

The linkages between climate and agriculture in a world that is warming provide opportunities for innovation as well as challenges to existing production for farmers and ranchers in the southern United States.

- Pam Knox – Senior Public Service Associate - Director UGA Weather Network and Agricultural Climatologist

Environmental equity and the impact of climate change on black-owned farms

Effective solutions will be presented addressing how climate change disproportionately affects the technological and economic advancement of minority communities.

- Clarence Bunch – AgNR Program Leader, Prairie View A&M University

Strategies for crop adaptation to climate change in the Southern region

Common strategies for climate change adaptation across commodity groups and opportunities therein will be highlighted, using an example of temperate zone pasture responses to warming and altered rainfall.

- Rebecca McCulley – Chair Plant and Soil Sciences Department, University of Kentucky

Regional opportunities for addressing climate change through NIFA programs

Kevin Kephart – Deputy Director, Institute of Bioenergy, Climate, and Environment at USDA NIFA

- The administration's priorities for climate have regional and national impacts that can be addressed by Southern Land-grant Universities through climate-related opportunities in AFRI and other programs.

4:30 PM – 5:00 PM

Panel Discussion / Q & A

This session will facilitate a discussion addressing effective adaptation options combined with supportive public policies to enhance food availability and stability while reducing climate risk for food systems and increasing their sustainability in the Southern Region.

Question for Panelists and Audience:

- What are some of the important areas (opportunities) that we should consider as we develop a regional climate change strategy?
- What resources are needed to take advantage of the opportunities that climate change will present in the future?
- As we develop technologies, tools, and approaches to address climate change in the Southern region, how do we ensure that agriculture at all scales will have access to the tools and approaches?
- All parts of the land-grant university system are necessary to fully address the challenges and opportunities that climate change will bring to the Southern region. How do we integrate our mission areas for maximum impact?