



AGRICULTURE

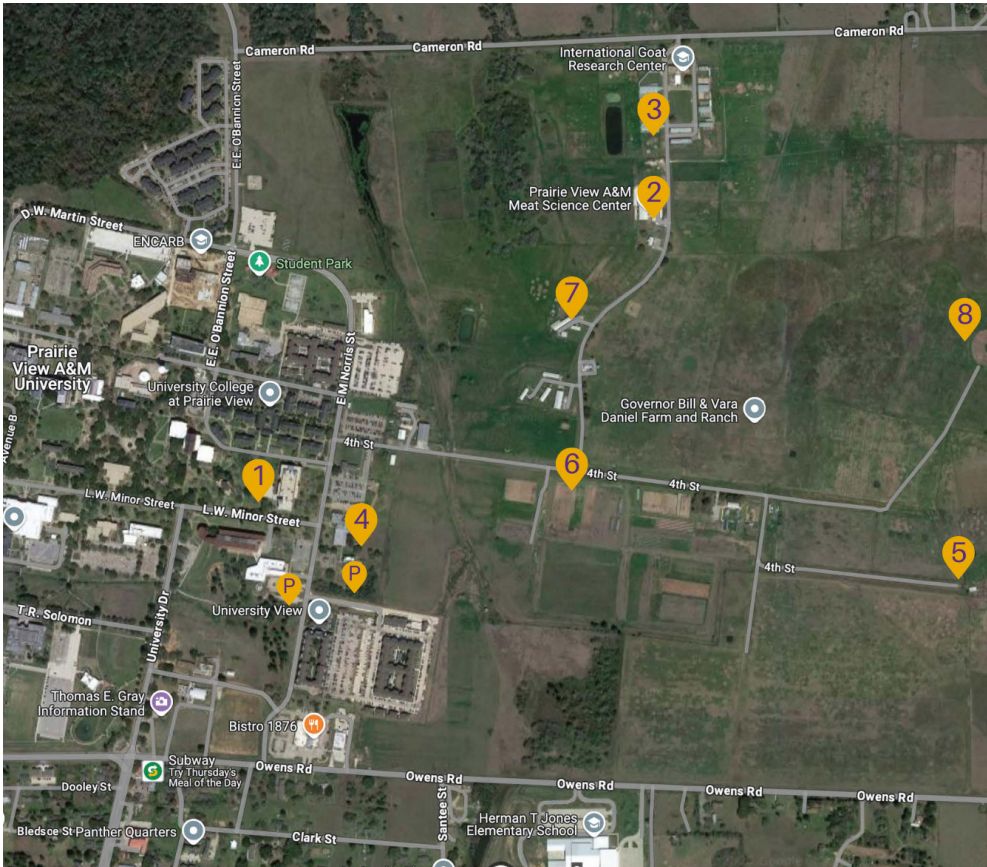


**APRIL 17 - 18, 2026**

**FARM • FAMILY • FOOD • FUN**



# FIELD DAY MAP



- ## LEGEND
- 1 E. E. O'Banion Building
  - 2 Meat Lab
  - 3 Goat Research Center
  - 4 Carden-Waller Extension Bldg
  - 5 Beef Cattle Squeeze Chute
  - 6 Smart Ag Demo Site
  - 7 Poultry Center
  - 8 Flux Tower
  - P Parking (lots #13 and #14)

# Excellence Lives Here

COLLEGE OF AGRICULTURE, FOOD, AND NATURAL RESOURCES



Dear Guests,

As Interim Dean and Director of Land-Grant Programs at Prairie View A&M University's College of Agriculture, Food and Natural Resources (CAFNR), I am delighted to welcome you to Ag Day on The Hill 2026!

We are proud to highlight our continued advancements in academics, research, extension, and agricultural innovation—efforts that directly impact communities across Texas and beyond.

Ag Day on The Hill offers a dynamic lineup of activities, including interactive exhibits, live demonstrations, student and faculty research showcases, and engaging panel discussions with industry experts. Attendees will have opportunities to explore emerging technologies, connect with extension programs, and experience firsthand the impact of our work in areas such as plant and animal sciences, natural resources, and community development.

Whether you are a student, educator, producer, policymaker, or community partner, today's sessions are designed to inform, inspire, and connect. We hope your experience deepens your understanding of agriculture's vital role in shaping the future.

Thank you for joining us and for being part of this important celebration of innovation, education, and community.

Sincerely,

**Kwaku Addo, Ph.D.**

Interim Dean, College of Agriculture, Food, and Natural Resources  
Director of Land Grant Programs

## Welcome to Ag Day on The Hill 2026!

Your 2026 Ag Day on The Hill Steering Committee—a dedicated team of faculty and staff from the College of Agriculture, Food and Natural Resources (CAFNR)—has worked collaboratively with members of our sub-committees to bring you a dynamic and engaging experience centered on agriculture, community wellness, and innovation.

As you join us on “The Hill,” we invite you to experience the strength and impact of Prairie View A&M University as a historic land-grant institution. From our Gov. Bill and Vara Daniel Farm & Ranch to our specialized centers and PVAMU Extension programs across Texas, our commitment to advancing agriculture, strengthening communities, and developing future leaders remains at the core of our mission.

This year’s Ag Day on The Hill continues to build on that legacy by providing practical, research-based education and interactive experiences for farmers, ranchers, families, youth, and community members. Through hands-on demonstrations, educational workshops, and networking opportunities, we aim to connect you with the knowledge, resources, and partnerships that support agricultural production, food security, and healthy communities.

Thank you for being part of this important event. We are proud to welcome you and look forward to a day of learning, connection, and celebration of agriculture’s impact on our daily lives.

Sincerely,  
2026 Ag Day on The Hill Steering Committee

**Ashley James, M.S.** - Chair (PVAMU Extension)

**Lal Almas, Ph.D.** - Co-Chair (Academics)

**Erdogan Memili, Ph.D.** - Co-Chair (CAFNR Research)

**TeKedra Pierre, Ed.D.** - Co-Chair (Information and Impact Center)

# FRIDAY AGENDA

**8:30 - 9:30 a.m. Registration & Check-In**

**9:00 - 9:30 a.m. Plant n' Sip**

**9:30 - 9:40 a.m. Greetings from CAFNR Leadership**

**10:10 - 10:55 a.m. BREAKOUT SESSIONS - 1**

GROUP 1

Sausage Making, May Hall *Learn the basics of sausage making—from seasoning and grinding to stuffing and food safety*

Nutrition Fear Factor, May Hall *Is the fear of trying new foods a FACTOR for you? Find out here!*

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GROUP 2

Sizzle and Savor- Master the Art of Processed Meats, Meat Lab *A delicious adventure introduced by PVAMU Meat Science Center, designed for aspiring meat scientists.*

Testing the Waters, Meat Lab *Become a Pond Water Detective in this hands-on, interactive workshop where participants test pond water to explore clarity, pH, oxygen levels, and overall water health.*

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GROUP 3

Air-mazing Growth, No Soil Needed!, CEP Outreach Room *Imagine growing plants without soil, right in the air! Join the fun and learn how to grow your fruits and veggies aeroponically!*

They are the G.O.A.T, Goat Demo Stall *Get up close and learn about our award winning dairy goats!*

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GROUP 4

Gardening with PVAMU Students, Student Garden area *Let's Get Growing! Learn from PVAMU students about growing a plant or two!*

Wellness in Houston Activity Center, Farm Shop *"What's Shaking" with PVAMU Wellness in Houston? Explore our mobile kitchen & other exciting activities!*

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GROUP 5

Seal the Deal: Canning 101, Ag Business *Get ready to seal the deal in this fun, hands-on canning workshop where you will learn canning basics while making fresh, flavorful salsa.*

Exploring Careers in Agriculture, Ag Business *Are you ready to explore? Learn about ag careers using fun technology*

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GROUP 6

Beef'n it up, Cattle Pen w/ Trolley *Where's the beef? Right here on the campus of PVAMU. Learn more about our cattle herd and meet #1013.*

Egg Candling, Poultry Facility *Shhh. They're sleeping! Take a peek inside of an egg. Can you see the baby chick?*

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GROUP 7

Inside the Host: The Science of Parasites, Outside CEP *Get ready to dive into the weird and wonderful world of parasites—tiny creatures with big survival tricks!*

Ask the Vet, Seminar A *Cats, dogs, cows and more! Learn more about the veterinary field from a professional veterinarian.*

**11:05 - 11:50 a.m. BREAKOUT SESSIONS – 2**

GROUP 1

Nutrition Fear Factor, May Hall *Is the fear of trying new foods a FACTOR for you? Find out here!*

Sausage Making, May Hall *Learn the basics of sausage making—from seasoning and grinding to stuffing and food safety*

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GROUP 2

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Wellness in Houston Activity Center, Farm Shop *“What’s Shaking” with PVAMU Wellness in Houston? Explore our mobile kitchen & other exciting activities!*

Gardening with PVAMU Students, Student Garden area *Let’s Get Growing! Learn from PVAMU students about growing a plant or two!*

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GROUP 5

Exploring Careers in Agriculture, Room 114 *Are you ready to explore? Learn about ag careers using fun technology*

Seal the Deal: Canning 101, Farm *Get ready to seal the deal in this fun, hands-on canning workshop where you will learn canning basics while making fresh, flavorful salsa.*

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GROUP 6

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Beef’n it up, Cattle Pen w/ Trolley *Where’s the beef? Right here on the campus of PVAMU. Learn more about our cattle herd and meet #1013.*

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GROUP 7

Ask the Vet, CEP Outdoor area *Cats, dogs, cows and more! Learn more about the veterinary field from a professional veterinarian.*

Inside the Host: The Science of Parasites, Ag Business Courtyard *Get ready to dive into the weird and wonderful world of parasites—tiny creatures with big survival tricks!*

**11:50 a.m. - Noon Transition to Carden-Waller Extension Building**

**Noon - 12:30 p.m. Closing and Program Evaluation**

**12:30 - 1 p.m. Lunch**

# SATURDAY AGENDA

- 7:30 - 8:30 a.m.**      **Registration/Light Breakfast**
- 8:30 - 8:45 a.m.**      **Welcome**  
Dr. Erdogan Memili, Dr. Lal Almas, & Dr. Carolyn Williams
- Greetings**  
Dr. Kwaku Addo
- 8:45 - 9:35 a.m.**      **Keynote Speaker: Stephon Fitzpatrick, Ph.D.**  
Executive Director  
"Together We Grow"  
Past National President of MANRRS (Minorities in Agriculture, Natural Resources & Related Sciences)
- 9:35 - 10 a.m.**        **Poster Session: Researcher and Student Showcase, E. E. O'Banion**
- 10:15 - 11:15 a.m.**    **Concurrent Sessions #1**  
Rural Home Loans & Repair Grants - Information Session  
Specialty Crop Development - How to Establish Moringa Seedlings for Transplanting  
From Garden to Jar: A Hands-On Home Canning Workshop (2hrs)  
Solar Ear Tags: Use of new technology to measure cattle behavior and pasture use.  
Meet the Kids & Goat Milking 101  
Vegan, Vegetarian, and Plant-Based Lifestyle: What You Need to Know (Part 1)
- 11:30 a.m. - 12:30 p.m.**    **Concurrent Sessions #2**  
Innovations in Precision Agriculture: Sensors, AI & Organic Amendments  
Utilization of Mushroom stems as a feed resource for sustainable poultry production  
From Garden to Jar: A Hands-On Home Canning Workshop (2hrs)  
Bred & Ready: Pregnancy Checks and Managing Your Expecting Cows  
Hylío Ag Drones: Practical Uses of Drones for Agriculture  
Vegan, Vegetarian, and Plant-Based Lifestyle: What You Need to Know (Part 2)
- 12:30 - 1:30 p.m.**      **BBQ Lunch/Door Prizes/Wellness in Houston Healthy Snacks/Exhibitors/Vendors**
- 2 - 4 p.m.**                **Concurrent Sessions #3**  
Heirs' Property Education: Guard The Yard--Keep It in the Family  
Rural Home Loans & Repair Grants Application Support Meetings  
Grilling 101  
Barking up the right tree! Livestock Guard Dog Workshop  
PVAMU CAFNR Alumni Meeting
- 4 p.m.**                    **Conclusion/Grand Prize Drawing**

# KEYNOTE SPEAKER



**Dr. Stephon Fitzpatrick** is a distinguished expert in organizational leadership and change management, with a profound commitment to driving innovation within the agriculture industry. With over two decades of experience, Dr. Fitzpatrick has been at the forefront of transformative initiatives that empower organizations to navigate complex changes and achieve sustainable growth. He has dedicated his career to advocating and creating opportunities for communities.

Through his work, Dr. Fitzpatrick has successfully led numerous programs and initiatives that ensure all voices are heard and valued. He currently serves as the Executive Director of Together We Grow, a consortium made up of companies, non-governmental organizations, universities, and government agencies with a stake in American agriculture and food and a commitment to building a modern workforce that reflects the communities in which we live and work. He also serves as the Past-President for National MANRRS (Minorities in Agriculture, Natural Resources & Related Sciences).



A product of three HBCUs that include Tuskegee University, Delaware State University, and the University of Maryland Eastern Shore, Dr. Fitzpatrick continues to give back and inspire the now generation of individuals looking to make a lasting impact within the food and agriculture industry.

# SESSION DESCRIPTIONS

## Barking Up the Right Tree! Livestock Guardian Dog Workshop

**B. Costanzo/L. Moore** | Meet the PVAMU livestock guardian dogs and learn how these hardworking protectors help producers safeguard their herds. In this interactive session, visitors will learn about the role of livestock guardian dogs in reducing predator pressure, proper management of working dogs, and the basics of training and development through the PVAMU Aerial Guardian Dog Training Program. Participants will also have the opportunity to see the dogs up close and learn how guardian dogs can be an effective tool for protecting livestock operations.

Conozca a los perros guardianes de ganado de PVAMU y descubra cómo estos incansables protectores ayudan a los productores a cuidar de sus rebaños. En esta sesión interactiva, los visitantes aprenderán sobre el papel de los perros guardianes de ganado en la reducción de la presión de los depredadores, el manejo adecuado de los perros de trabajo y los fundamentos del entrenamiento y el desarrollo a través del Programa de Entrenamiento de Perros Guardianes Aéreos de PVAMU. Los participantes también tendrán la oportunidad de ver a los perros de cerca y aprender cómo los perros guardianes pueden ser una herramienta eficaz para proteger las operaciones ganaderas.

## Bred & Ready: Pregnancy Checks & Managing your Expecting Cows

**D. Turner/ Guest** | Join a practicing veterinarian for a practical session focused on pregnancy evaluation and proper management of bred cows. Participants will learn why pregnancy checks matter for herd productivity, how veterinarians determine pregnancy status, and what management practices help support healthy cows and calves throughout gestation. This session will also cover nutrition, health considerations, and management tips producers can use to prepare for a successful calving season.

Únase a un veterinario en ejercicio para una sesión práctica centrada en la evaluación de la gestación y el manejo adecuado de las vacas gestantes. Los participantes aprenderán por qué los controles de gestación son importantes para la productividad del rebaño, cómo los veterinarios determinan el estado de gestación y qué prácticas de manejo ayudan a mantener la salud de las vacas y de los terneros durante toda la gestación. Esta sesión también abarcará la nutrición, consideraciones de salud y consejos de manejo que los productores pueden emplear para prepararse para una temporada de partos exitosa.

## From Garden to Jar: A Hands-On Home Canning Workshop

**J. White / E. Freaney** | From Garden to Jar: A Hands-On Home Canning Workshop introduces participants to safe, research-based home canning practices using apple and grape juice. This interactive workshop provides step-by-step instruction on proper food safety, equipment use, and preservation techniques while building confidence to preserve seasonal foods at home. Participants will gain practical skills and resources to support healthy, budget-friendly food storage for their households.

Del huerto al frasco: taller práctico de conservas caseras enseña a los participantes prácticas seguras y basadas en la investigación para hacer conservas caseras usando jugo de manzana y de uva. Este taller interactivo ofrece instrucciones paso a paso sobre la seguridad alimentaria adecuada, el uso del equipo y las técnicas de conservación, al tiempo que fomenta la confianza para conservar alimentos de temporada en casa. Los participantes obtendrán habilidades prácticas y recursos para apoyar un almacenamiento de alimentos saludable y económico en sus hogares.

IGRC



Cattle Chute



Extension  
Demonstration  
Kitchen



## Grilling 101

L. Kinman/K. Ratcliff | Fire up your grilling skills in this beginner-friendly session focused on getting the most out of your beef. Participants will learn the basics of beef grading, how to identify and select different cuts of meat, and how those cuts influence flavor and tenderness. The session will also cover seasoning techniques, flavor pairings, and grilling methods that improve palatability, helping participants cook beef that is both flavorful and properly prepared every time.

Perfeccione sus habilidades para cocinar a la parrilla en esta sesión para principiantes, enfocada en sacar el máximo provecho de la carne de res. Los participantes aprenderán los conceptos básicos de la clasificación de la carne de res, cómo identificar y seleccionar diferentes cortes, y cómo estos influyen en el sabor y en la ternura. La sesión también abordará técnicas de sazonado, combinaciones de sabores y métodos de cocción a la parrilla que mejoran el sabor, ayudando a los participantes a preparar carne de res sabrosa y en su punto en todo momento.

PVAMU Meat Lab



## Heirs' Property Education: Guard The Yard-Keep It in the Family

A. Moore | GUARD THE YARD: Heirs' property is a significant cause of land loss. To address this concern, a team of leading educators in the field have designed a three-part training to help community members take action to protect their lands. The three sections walk participants through an overview of heirs' property, strategies for preventing heirs' property, and key considerations in resolving heirs' property. The Overview, which is part one of the three-part series, is being held in conjunction with Ag Day on The Hill (ADOTH) to provide attendees with educational information about how easily they could lose heirs' property and steps to take to "Guard the Yard" to prevent the loss of land and keep it in the family. The National Policy Research Center at Alcorn State University, the Southern Risk Management Education Center (SRMEC), and Southern Rural Development Center (SRDC) hosted at Mississippi State University are anchor partners in the effort through funding from USDA National Institute of Food and Agriculture (NIFA), Farm Service Agency, and National Resource Conservation Service.

E.E. O'Banion  
Auditorium



PROTEJA SU TERRENO: Las propiedades de herederos son una causa importante de pérdida de tierras. Para abordar este problema, un equipo de destacados educadores en la materia ha diseñado una capacitación de tres partes para ayudar a los miembros de la comunidad a tomar medidas para proteger sus tierras. Las tres secciones ofrecen a los participantes una visión general de las propiedades de herederos, estrategias para prevenir su pérdida y consideraciones clave para resolver los casos relacionados con ellas. La visión general es la primera parte de la serie de tres partes. Los asistentes recibirán información educativa sobre lo fácil que es perder propiedades de herederos y los pasos que se deben seguir para "proteger el terreno" a fin de evitar la pérdida de tierras y mantenerlas en la familia. El Centro Nacional de Investigación de Políticas de la Universidad Estatal de Alcorn, el Southern Risk Management Education Center (SRMEC) y el Southern Rural Development Center (SRDC), con sede en la Universidad Estatal de Misisipi, son socios clave en esta iniciativa gracias a la financiación del Instituto Nacional de Alimentación y Agricultura (NIFA) del Departamento de Agricultura de los Estados Unidos (USDA), la Agencia de Servicios Agrícolas y el Servicio Nacional de Conservación de Recursos.

**We ARE Ag**

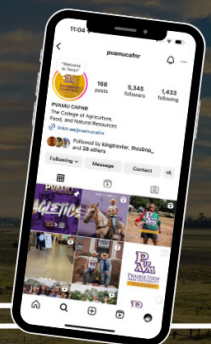
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STAY IN THE KNOW

Follow us on Instagram @PVAMUCAFNRR to stay updated on all things Ag happening on "The Hill" and around the community!

Sign up for our  
Monday Minute  
Newsletter!



## Hylio Ag Drones: Practical Uses of Drones for Agriculture

J.Kana/K. Edwards/J. Davis | This live demonstration showcases how Hylio drones are designed for fast setup, intuitive operation, and reliable performance in real-world environments. Attendees will see firsthand how quickly the aircraft can be assembled, configured, and launched, highlighting a workflow built to minimize downtime and operator complexity. The session walks through pre-flight checks, mission setup, and in-flight operation to demonstrate how Hylio prioritizes user-friendly design without sacrificing capability or compliance with Federal Aviation Administration requirements. Ideal for operators and decision-makers, this demo illustrates how ease of use translates into safer operations, faster deployment, and greater operational efficiency from day one.

PVAMU Farm



Esta demostración en vivo muestra cómo los drones Hylio están diseñados para una configuración rápida, un manejo intuitivo y un rendimiento confiable en entornos reales. Los asistentes podrán ver de primera mano la rapidez con la que se puede armar, configurar y poner en vuelo la aeronave, lo que destaca un flujo de trabajo diseñado para minimizar el tiempo de inactividad y la complejidad para el operador. La sesión recorre las comprobaciones previas al vuelo, la configuración de la misión y la operación en vuelo para demostrar cómo Hylio prioriza un diseño fácil de usar sin sacrificar la capacidad ni el cumplimiento de los requisitos de la Administración Federal de Aviación. Ideal para operadores y responsables de la toma de decisiones, esta demostración ilustra cómo la facilidad de uso se traduce en operaciones más seguras, un despliegue más rápido y una mayor eficiencia operativa desde el primer día.

## Innovations in Precision Agriculture: Sensors, AI & Organic Amendments

Dr. Ali Fares | Join us for an engaging field demonstration on how innovative technologies are advancing smart and climate-resilient agriculture. Discover how artificial intelligence (AI) supports crop nutrient and moisture stress modeling to help producers make informed, cost-effective decisions. Learn how organic amendments improve soil health and crop performance under drought and heat stress. Participants will also experience sensor-based systems that enable real-time soil and crop monitoring for precision irrigation and nutrient management. Designed for producers, families, and youth, this session connects cutting-edge research with practical, on-farm solutions to improve productivity, sustainability, and long-term farm resilience.

PVAMU Farm



Acompáñenos en una interesante demostración de campo sobre cómo las tecnologías innovadoras están impulsando una agricultura inteligente y resiliente al clima. Descubra cómo la inteligencia artificial (IA) contribuye a la modelización del estrés hídrico y nutricional de los cultivos para ayudar a los productores a tomar decisiones informadas y rentables. Aprenda cómo las enmiendas orgánicas mejoran la salud del suelo y el rendimiento de los cultivos bajo condiciones de sequía y de estrés térmico. Los participantes también experimentarán sistemas basados en sensores que permiten el monitoreo en tiempo real del suelo y de los cultivos para el riego de precisión y para la gestión de nutrientes. Diseñada para productores, familias y jóvenes, esta sesión conecta la investigación de vanguardia con soluciones prácticas en el campo para mejorar la productividad, la sostenibilidad y la resiliencia a largo plazo de las explotaciones agrícolas.

### EXCELLENCE IN RESEARCH

**CAFNR Research** (formerly known as CARC) remains committed to providing research-based information and technological developments intended to improve the socioeconomic conditions of the clientele it serves in Texas.

TO LEARN MORE:  
**SCAN HERE!** ➔



## CAFNR RESEARCH

COLLEGE OF AGRICULTURE, FOOD, AND NATURAL RESOURCES



## Meet the Kids & Goat Milking 101

A. Pech Cervantes | Ever wondered what it takes to successfully raise healthy goat kids and produce quality milk? In this hands-on session, participants will learn the basics of goat kid management—from early care and nutrition to setting kids up for strong growth—along with an introduction to safe and efficient goat milking practices. Attendees will also get the chance to meet live goat kids and see a milking demonstration while learning practical tips that both new and experienced producers can use on their farms.

¿Alguna vez se ha preguntado qué se necesita para criar con éxito cabritos sanos y producir leche de calidad? En esta sesión práctica, los participantes aprenderán los fundamentos del manejo de cabritos —desde los cuidados iniciales y la nutrición hasta cómo prepararlos para un crecimiento fuerte— junto con una introducción a prácticas seguras y eficientes para ordeñar cabras. Los asistentes también tendrán la oportunidad de conocer a cabritos en vivo y de ver una demostración de ordeño, mientras aprenden consejos prácticos que tanto los productores nuevos como los experimentados pueden aplicar en sus granjas.

IGRC



## Poster Session

This interactive session invites participants to explore the work happening across the College of Agriculture, Food and Natural Resources. You won't just walk past posters—you'll have real conversations with the researchers behind them. Faculty, specialists, and students will be on hand to break down their projects in plain language and connect the dots between research and practical application. You'll see how university research translates into tools and strategies you can actually use!

Esta sesión interactiva invita a los participantes a explorar el trabajo que se lleva a cabo en la Facultad de Agricultura, Alimentación y Recursos Naturales. No solo pasará delante de los carteles, sino que mantendrá conversaciones reales con los investigadores que hay detrás de ellos. Profesores, especialistas y estudiantes estarán presentes para explicar sus proyectos en un lenguaje sencillo y establecer la conexión entre la investigación y la aplicación práctica. ¡Verá cómo la investigación universitaria se traduce en herramientas y estrategias que realmente puede usar!

E. E. O'Banion



## Rural Home Loans & Repair Grants - Information Session/ Application Support

S. Harrison/E. Jones/R. Castillo | Informational on USDA Section 502 Rural Home Loans and USDA Section 504 Repair Loans and Grants. Following the information session, PVAMU Extension Community & Economic Development (CED) staff will be on hand to answer questions and offer application and technical assistance to potential homebuyers interested in applying for the program. / Application Assistance for the USDA Section 502 Rural Home Loans and USDA Section 504 Repair Loans and Grants. PVAMU Extension CED staff will be on hand to answer questions and offer applications and technical assistance to potential homebuyers interested in applying for the program.

Información sobre los préstamos para viviendas rurales de la Sección 502 del USDA y sobre los préstamos y las subvenciones para reparaciones de la Sección 504 del USDA. Tras la sesión informativa, el personal de CED de PVAMU estará disponible para responder preguntas y ofrecerá formularios de solicitud y asistencia técnica a los posibles compradores de vivienda interesados en solicitar la participación en el programa. / Asistencia para la solicitud de préstamos para viviendas rurales de la Sección 502 del USDA y de préstamos y subvenciones para reparaciones de la Sección 504 del USDA. Trabaje de forma individual con el personal de Desarrollo Comunitario y Económico (CED) de PVAMU para recibir solicitudes y asistencia técnica para posibles compradores de vivienda interesados en solicitar la participación en uno de estos programas. (El espacio es limitado).

E. E. O'Banion



## Solar Ear Tags: Use of new technology to measure cattle behavior and pasture use

**T. Tolen/A. Herring** | This workshop explores the emerging role of solar powered GPS ear tags as innovative tools for monitoring cattle behavior and optimizing pasture management. Combining both cellular and satellite connectivity to GPS, cattle positions are delivered within minutes to ensure accurate tracking of each animal. Participants will learn how integrated sensors monitor activity patterns including: eating, ruminating, walking, resting, and abnormal deviations to support early detection and decision making. Technologies aimed to significantly enhance management and reduce labor demands. Through practical examples and discussion, attendees will gain an understanding of how GPS ear tags collect and transmit data, the accuracy and reliability of behavioral algorithms, and how to interpret metrics within herd level and pasture level contexts. The workshop will also address important considerations such as tag placement, durability, animal comfort, solar charging performance, and connectivity requirements. Whether you are aiming to improve breeding outcomes, monitor grazing distribution, or adopt data driven strategies for extensive rangeland systems, this session provides a comprehensive overview of how GPS ear tag technology can support informed decision making and improve herd efficiency. Participants will leave equipped with knowledge to evaluate, integrate, and effectively use these tools within their own operations.

Cattle Chute



Este taller explora el papel emergente de las etiquetas de oreja con GPS alimentadas con energía solar como herramientas innovadoras para monitorear el comportamiento del ganado y para optimizar la gestión del pasto. Al combinar la conectividad celular y satelital con el GPS, las posiciones del ganado se transmiten en cuestión de minutos para garantizar un seguimiento preciso de cada animal. Los participantes aprenderán cómo los sensores integrados monitorean los patrones de actividad, incluida la alimentación, la rumia, la deambulación, el descanso y las desviaciones anormales, para apoyar la detección temprana y la toma de decisiones. Tecnologías destinadas a mejorar significativamente la gestión y a reducir las demandas de mano de obra. El taller también abordará consideraciones importantes como la colocación de las etiquetas, la durabilidad, la comodidad de los animales, el rendimiento de la carga solar y los requisitos de conectividad. Los participantes saldrán equipados con los conocimientos necesarios para evaluar, integrar y usar eficazmente estas herramientas en sus propias operaciones.

## Specialty Crop Development - How to Establish Moringa Seedlings for Transplanting

**P. Ampim** | Moringa is one of the world's most versatile and resilient plants. This workshop is designed to introduce participants to the plant and teach them how to successfully establish viable moringa seedlings for transplanting. It will involve live demonstrations, discussions and hands-on activities to teach participants step by step how to set up a productive moringa nursery and troubleshoot common challenges. By the end of the workshop, participants will acquire relevant knowledge to produce uniform transplant-ready moringa seedlings which is critical for high survival rates, faster establishment and productive plants post transplanting. This workshop is an ideal starting point for anyone interested in exploring moringa as a reliable source of nutrition and income.

Greenhouse



La moringa es una de las plantas más versátiles y resistentes del mundo. Este taller está diseñado para presentar la planta a los participantes y enseñarles cómo preparar con éxito plántulas viables de moringa para trasplantar. Incluirá demostraciones en vivo, debates y actividades prácticas para enseñar a los participantes, paso a paso, cómo montar un vivero productivo de moringa y resolver los desafíos comunes. Al finalizar el taller, los participantes habrán adquirido los conocimientos necesarios para producir plántulas de moringa uniformes y listas para el trasplante, lo cual es fundamental para lograr altas tasas de supervivencia, un establecimiento más rápido y plantas productivas tras el trasplante. Este taller es un punto de partida ideal para cualquier persona interesada en explorar la moringa como una fuente confiable de nutrición y de ingresos.

## Utilization of Mushroom stems as a feed resource for sustainable poultry production

J. Lohakare | This session will introduce producers to practical mushroom production methods and explore how mushroom stems can be repurposed as a protein source in poultry diets. Participants will learn proper techniques to ensure stems are safe and nutritionally viable for inclusion in chicken feed. Research conducted at the Poultry Center will be highlighted.

Poultry Center



En esta sesión, se presentarán a los productores métodos prácticos de producción de hongos y se analizará cómo se pueden reutilizar los tallos de hongos como fuente de proteínas en la alimentación avícola. Los participantes aprenderán las técnicas adecuadas para garantizar que los tallos sean seguros y nutricionalmente aptos para su inclusión en el pienso para pollos. Se destacarán los resultados de las investigaciones realizadas en el Centro Avícola.

## Vegan, Vegetarian, and Plant-Based Lifestyle: What You Need to Know

J. Quinlan/A. Aborisade | This 1.5-hour interactive workshop will introduce families to vegan, vegetarian, and plant-based lifestyles in an engaging and practical way. Designed to be family-friendly, the session will combine education with hands-on experience to help participants better understand the nutritional, environmental, and social impacts of plant-based eating. During the first 45 minutes, attendees will participate in "Vegucate Yourself" a lesson developed by the University of Delaware Cooperative Extension. This evidence-based lesson will explore the differences between vegan, vegetarian, and plant-based diets; highlight key nutrients; and address common misconceptions. Participants will gain practical tips for incorporating more plant-based foods into their daily meals while maintaining balanced nutrition. The second 45 minutes will focus on culinary application. Families will work together to prepare a simple, nutritious vegan dish, learning basic food preparation skills and creative ingredient substitutions along the way. The workshop will be facilitated by faculty, staff, and graduate students from the Food Security Research Center, who will guide discussion, answer questions, and support participants throughout the cooking activity.

Poultry Center



Este taller interactivo de una hora y media de duración presentará a las familias los estilos de vida vegano, vegetariano y basado en plantas de una manera atractiva y práctica. Diseñada para ser apta para toda la familia, la sesión combinará la educación con la experiencia práctica para ayudar a los participantes a comprender mejor los impactos nutricionales, ambientales y sociales de la alimentación basada en plantas. Durante la primera mitad, los asistentes participarán en "Vegucate Yourself", una lección desarrollada por la Extensión Cooperativa de la Universidad de Delaware. Los participantes obtendrán consejos prácticos para incorporar más alimentos de origen vegetal en sus comidas diarias, manteniendo al mismo tiempo una nutrición equilibrada. La segunda mitad se centrará en aplicaciones culinarias. Las familias trabajarán juntas para preparar un plato vegano sencillo y nutritivo, aprendiendo al mismo tiempo habilidades básicas de preparación de alimentos y sustituciones creativas de ingredientes. El taller será facilitado por profesores, miembros del personal y estudiantes de posgrado del Centro de Investigación sobre Seguridad Alimentaria, quienes guiarán debates, responderán preguntas y apoyarán a los participantes a lo largo de la actividad de cocina.



### A LEGACY OF EXCELLENCE

*The award-winning PVAMU Livestock Club & Show Team saw tremendous success at the 2026 Houston Livestock Show & Rodeo. Making history by bringing home Grand Champion Junior Alpine and Best in Show, led by Rodnecia Rodgers. A monumental achievement not only for the organization, but for our entire University.*

# GENERAL INFORMATION: COLLEGE OF AGRICULTURE, FOOD, AND NATURAL RESOURCES



The College of Agriculture, Food, and Natural Resources (CAFNR) operates in the **land-grant tradition** of providing teaching, research, and service through its **academics, research, and extension** components.



## ACADEMICS

At Prairie View A&M University, we take pride in our Panther's academic success in their field of study. We offer courses that encourage our students to have a well-rounded degree plan that includes hands-on experience. Whether in the food lab, meat lab, or on the farm, students will engage in experiential learning using different skill sets that best suit their career path.

Students will journey through their studies of animals, food and soil sciences, environmental resources, and business practices to immerse themselves in the world of Agriculture. Students who major in Human Nutrition and Foods will acquire the skills needed for careers in dietetics, nutrition, or health professions in graduate and professional studies.



## RESEARCH

CAFNR Research is the research component of the College of Agriculture, Food, and Natural Resources. Research within the unit addresses six systems: Animal Systems, Plant Systems, Food and Nutrition Systems, Natural Resources and Environmental Systems, Social Systems and Allied Research, and Artificial Intelligence. CAFNR Research also includes the International Goat Research Center (IGRC), Food Security Research Center (FSRC), Meat Science Center for Innovation, Poultry Center, and Gov. Bill and Vara Daniel Farm and Ranch.



## EXTENSION

PVAMU Extension is operated through the Prairie View A&M University Land Grant in partnership with the federal, state, and local governments. The mission of PVAMU Extension is to respond to the needs of Texans through learning opportunities that empower families, promote agriculture, strengthen communities, and foster leadership development in youth.

PVAMU Extension educators or agents translate science for the public, engage the public to act, prepare people for a better life, provide rapid response in disasters, develop partnerships, and connect people online. PVAMU Extension is in over 70 Texas counties with an expansive community of volunteers who assist in extending programs under training and direction from Extension agents. The strength of PVAMU Extension is county-based education in Agriculture and Natural Resources, 4-H Youth Development, Community and Economic Development, and Family and Community Health.

# COMMITTEE ACKNOWLEDGEMENTS

A heartfelt thank you to the dedicated faculty, staff, and volunteers. Your time, energy, and enthusiasm brought this event to life. We appreciate your commitment to showcasing the power of agriculture and community.

## STEERING COMMITTEE

**Ashley James**, Chair (PVAMU Extension)

**Lal Almas**, Co-Chair (Academic)

**Erdogan Memili**, Co-Chair (CAFNR Research)

**TeKedra Pierre**, Co-Chair (Information and Impact Center)

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**Clara Cofield**, Co-Chair

### LANGUAGE ACCESS

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**Omari Muhammad**, Co-Chair

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**Angela Moore**, Co-Chair

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**Kiara Johnson**, Chair

**Derrica Parks**, Co-Chair

### WORKSHOPS

**Ashley James**, Chair (Family Day)

**TeneInger Abrom-Johnson**, Chair (Youth Day)

**Shawn Russell**, Co-Chair

**Peter Ampim**, Co-Chair

### ALUMNI, SUPPORTERS, AND STAKEHOLDERS

**Alfred Parks**, Chair

**Tamra Tolen**, Co-Chair

**Brukendra Fillmore**, Co-Chair

### TECHNOLOGY

**Josh Rieger**, Chair

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ON OUR EXHIBITORS AND VENDORS!



AG DAY ON THE HILL  
2026





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