

**3rd Annual Disaster PRIMR Conference
March 5-7, 2023**

Prairie View A&M University

Willie A. Tempton Memorial Student Center
155 L. W. Minor Street, Prairie View, TX 77446

Theme: Promoting Cultures of Preparedness

Schedule at a Glance

Sunday, March 5, 2023	
5:00 PM – 7:00 PM	Registration
	Reception & Poster Presentation
	Welcome: Noel M. Estwick, PVAMU (conference host). Special Greetings: Melanye Price, PVAMU Elliott Abbey, Alabama-Coushatta Tribe of Texas, Cultural Presentation with the Alabama-Coushatta Tribe of Texas
Monday, March 6, 2023	
8:00 AM – 9:00 AM	Breakfast
9:00 AM – 10:15 AM	Welcome/Introductions Plenary Speakers: Shaun Miller, TDEM and David Alamia, City of Baytown
10:15 AM – 10:30 AM	Break
10:30 AM – Noon	Breakout Session I
Noon – 1:15 PM	Lunch
1:30 PM – 2:30 PM	Plenary Speakers: Ashley Mueller, USDA-NIFA; Michelle Colby, USDA-NIFA; and Amer Fayad, USDA-NIFA
2:30 PM – 2:45 PM	Break
2:45 PM – 4:15 PM	Breakout Session II
5:00 PM – 6:30 PM	Student Career Mixer
Tuesday, March 6, 2023	
8:00 AM – 9:00 AM	Registration/ Breakfast
9:00 AM – 10:15 AM	Plenary Speakers: Marcus Coleman, DHS; Steve Sano, FEMA; and Farrah G. Cambrice, PVAMU
10:15 AM – 10:30 AM	Break
10:30 AM – Noon	Breakout Session III
Noon – 1:15 PM	Lunch

1:30 PM – 2:30 PM	Plenary Speaker: Sally Ray, CDP
2:30 PM – 2:45 PM	Break
2:45 PM – 4:15 PM	Breakout Session IV
4:30 PM – 4:45 PM	Conference Wrap-up/ Adjournment

PRIMR Values

The conference is not just simply another academic conference; rather, **it is all about people coming together to share, learn, and take away relevant information, knowledge of best practices, experience of lessons learned, and insights of wisdom**, which are relevant and applicable within communities engaged in proactive Preparation for, Response to, Innovation on, Mitigation of, and Recovery (PRIMR) from, the impacts and effects caused by disasters caused by natural phenomena and/or human actions.

People First

Coming all together to share, learn, and take away relevant information, knowledge of best practices, experience of lessons learned, and insights of wisdom, which are relevant and applicable within communities engaged in proactive **Preparedness** for, **Response** to, **Innovation** on, **Mitigation** of, and **Recovery (PRIMR)** from, the impacts and effects caused by disasters caused by natural phenomena and/or human actions.

Listen First

Highlighting how local knowledge is critical for any aspect of **PRIMR** in order to prioritize people and respond effectively and efficiently to their needs.

Partnership

Upholding the need to maintain the highest levels of respect, trust, commitment to each other, the organizations they represent, and the communities they serve.

Cultural Humility

Recognizing the value of ALL people, by being open to other ways of doing things, and by being co-learners.

Access to All

Focusing on the connectivity among disciplinary and institutional/organizational silos to integrate a broad range of cross-disciplinary and cross-population perspectives and experiences.

Agency

Helping people understand and access their own power in all dimensions of **PRIMR**, focusing on the agentic capacity of individuals and communities to act independently and to make their own free choices.

2023 PRIMR Conference
Theme: Promoting Cultures of Preparedness
Location: Prairie View A&M University
Willie A. Tempton Memorial Student Center

Day 1: Sunday, March 5

5:00 PM – 7:00 PM

Registration

Ballroom Foyer (2nd floor)

Reception and Poster Session

Ballroom

Greetings:

- Noel M. Estwick, Assistant Professor & Research Scientist, College of Agriculture & Human Sciences, PVAMU (conference host).
- Melanye Price, Endowed Professor of Political Science, Special Assistant to the President & Director of the Ruth J. Simmons Center for Race and Justice.
- Elliott Abbey, Alabama-Coushatta Tribe of Texas.

Cultural Presentation involving the Alabama-Coushatta Tribe of Texas

Located an hour and a half north of Houston in the Big Thicket, the Alabama-Coushatta Tribe is the oldest Indian reservation in Texas and has a unique story dating back to before the 1700s - from their migration to what is now Texas to their role in aiding Sam Houston during the Texas War of Independence to the federal government's official recognition of our nation in 1987. The Alabama-Coushatta Tribe boasts a rich history and beautiful enclave that is admired by tribal citizens and tourists alike love. The conference organizers of the 2023 PRIMR Conference introduce to some and present to others the Alabama-Coushatta Tribe of Texas.

Poster Topics:

What Catches the Eye: Examining the Use of Communication Strategies in Streaming Videos during the First Wave of the COVID-19 Pandemic in China

Thomas Brindle, University of North Texas; Yan Li, University of Science and Technology of China; Shih-Kai Huang, Jacksonville State University; Jinchang Wei, University of Science and Technology of China & Cho-Yin Lee, National Yang Ming Chiao Tung University

Aggie Campus Community Emergency Response Team (CERT): Why & How

Martin Mufich, Texas A&M University; Leander Casenas, Texas A&M University; Grant Arrington, Texas A&M University & Sena Gbanaglo, Texas A&M University

An Interdisciplinary Agent-Based Evacuation Model: Integrating Natural Environment, Built Environment, and Social System for Community Preparedness and Resilience

Qianli Qiu, Oklahoma State University; Chen Chen, Oklahoma State University; Charles Koll, Oregon State University; Haizhong Wang, Oregon State University & Michael K. Lindell, University of Washington

Social Media Use in Disaster Management for the Underserved Communities: Role of Information Flow and Social Capital in Decision Making

Louis Ngamassi, Thiagarajan Ramakrishnan, & Shahedur Rahman, Prairie View A&M University

JAGriculture: Emergency Management through Education and Mitigation

Krystle Allen, Marlin Ford, Kiyana Kelly & Angell Jordan, Southern University Agricultural Research and Extension Center

Day 2: Monday, March 6

8:00 AM – 9:00 AM

Breakfast / Networking

Ballroom

9:00 AM – 10:15 AM

Morning Plenary

Auditorium

Welcome:

- Noel M. Estwick, Assistant Professor & Research Scientist, College of Agriculture & Human Sciences, PVAMU (conference host)
- Video Presentation from Magesh Rajan, Vice President for Research & Innovation (PVAMU)
- Gerard D’Souza, College of Agriculture & Human Sciences (CAHS) (PVAMU)

Moderator: MacGregor Stephenson, Chief of Policy and Research, TDEM

Introductions

Guest Speakers:

- Shaun P. Miller, Assistant Chief, Texas Division of Emergency Management
- David J. Alamia Jr., Emergency Management Coordinator, City of Baytown (TX)

10:15 AM – 10:30 AM

Break

10:30 AM – 11:45 AM

Breakout Session I *(please refer to pages 7-11 for a listing)*

Noon – 1:15 PM

Lunch

Ballroom

1:30 PM – 2:30 PM

Afternoon Plenary

Auditorium

Greetings: Horace D. Hodge, USDA Liaison, Office of Partnerships and Public Engagement, USDA.

Introduction(s)

Guest Speakers:

- Ashley Mueller, National Program Leader, Division of Family and Consumer Sciences, USDA National Institute of Food and Agriculture
- Michelle Colby, National Program Leader for Animal Biosecurity, Division of Animal Systems, USDA National Institute of Food and Agriculture
- Amer Fayad, National Program Leader, Division of Plant Systems Protection, USDA National Institute of Food and Agriculture

2:30 PM – 2:45 PM	Break	
2:45 PM – 4:15 PM	Breakout Session II	<i>(please refer to pages 7-11 for a listing)</i>
5:00 PM – 6:30 PM	Student Career Mixer	Ballroom

Day 3: Tuesday, March 7

8:00 AM – 9:00 AM	Breakfast / Networking	Ballroom
9:00 AM – 10:15 AM	Morning Plenary	Auditorium

Welcome/Greetings: Erdogan Memili, Executive Associate Director of Research (PVAMU)

Moderator: Farrah G. Cambrice, Associate Professor of Sociology, PVAMU

Guest Speakers:

- Marcus T. Coleman, Jr., Director, US Department of Homeland Security, Center for Faith-Based Neighborhood Partnerships
- Steven Sano, Program Analyst, FEMA Continuous Improvement

10:15 AM – 10:30 AM	Break	
10:30 AM – 12:00 NOON	Breakout Session III	<i>(please refer to pages 7-11 for a listing)</i>
Noon – 1:15 PM	Lunch	
1:30 PM – 2:30 PM	Afternoon Plenary	Auditorium

Moderator: John T. Cooper, Jr., Assistant Vice President for Public Partnership & Outreach and acting Assistant Director of Institute for Sustainable Communities (TAMU)

Guest Speakers:

- Sally Ray, Director, Domestic Funds, Center for Disaster Philanthropy

2:30 PM – 2:45 PM	Break	
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2:45 PM – 4:15 PM

Breakout Session IV *(please refer to pages 7-11 for a listing)*

4:30 PM – 4:45 PM

**Conference Wrap-Up/
Adjournment**

Auditorium

Breakout Sessions

Day 2: Monday, March 6	
10:30 AM to 12:00 PM	Breakout Session I
Session A	<p>Broadband Access Planning with Tribes and Counties in Rural Washington State Christina Sanders, Washington State University</p> <p>Embracing Culturally Competent Approaches with American Indian Communities Elliott Abbey, Alabama Coushatta Tribe of Texas</p>
Session B	<p>Matching Converging Resources with the Housing Repair Needs of Displaced Vulnerable and Medically Fragile Households: A Solution in Support of Housing Recovery Management Joshua Behr, Old Dominion University Rafael Diaz, Old Dominion University</p> <p>Adaptation pathways for flood risk management: Analysis of Regional Flood Plans in Texas Ashley Ross, Texas A&M University at Galveston Virgie Greb, Texas A&M University at Galveston Ali Nejat, Texas Tech University</p> <p>Emergency Management Use Cases - Bringing Research into Practice MacGregor Stephenson, Texas Division of Emergency Management</p>
Session C	<p>Overview of the Extension Disaster Education Network Tom Ball, Mississippi State University Extension</p> <p>Supporting Florida during Hurricane Ian Monty C. Dozier, Texas A&M AgriLife Extension Service</p>
Session D	<p>Disaster Management for Farms William Foxworth, Prairie View A&M University</p>
2:45 PM to 4:15 PM	Breakout Session II
Session A	<p>Developing Resilience Guidance for Rural Gulf Coast Communities: A Community of Practice Workshop Erika Koeniger, Texas A&M University Andrew Rumbach, Texas A&M University Jeewasmi Thapa, Texas A&M University Jaimie Masterson, Texas A&M University Arthur Chambers, Texas A&M University Matthew Malecha, Texas A&M University Michelle Meyer, Texas A&M University</p>

	<p>Siyu Yu, Texas A&M University Joseph DeAngelis, American Planning Association Noel M. Estwick, Prairie View A&M University</p> <p>Energy Inequality in Climate Hazards: Empirical Evidence of Social and Spatial Disparities in Managed and Hazard-Induced Power Outages Natalie Coleman, Texas A&M University Amir Esmalian, Texas A&M University Cheng-Chun Lee, Texas A&M University Eulises Gonzales, Texas A&M University Pranik Koirala, Texas A&M University Ali Mostafavi, Texas A&M University</p> <p>Using Causal Discovery to Assess Flash Flood Susceptibility Rohan Singh Wilkho Texas A&M University Nasir Gharaibeh, Texas A&M University</p>
Session B	<p>The Jurisdictional Pathology of Service Gap and Discrepancies Charles White, Charity Productions</p> <p>The Effect of Hurricane Harvey on Long-Term Care Patients Diagnosed with Dementia Martin Mufich, Texas A&M University Suzie Van, Texas A&M University</p>
Session C	<p>Integrating Disaster Education into Small Farm Academy Finis Stribling, Cooperative Extension Program - Tennessee State University</p> <p>Collaborative All-Hazard Disaster Preparedness Training LeRoy Marklund, Texas A&M University Suzie Van, Texas A&M University Martin Mufich, Texas A&M University</p>
Session D	<p>RISE: Exploring the Role of Local Knowledge in Resilience Building & Understanding Its Challenges and Opportunities Cecilio Ortiz Garcia, University of Texas Rio Grande Valley Jacob Mans, University of Minnesota Kim Diana Connelly, University of Buffalo Law Fernando Rivera University of Central Florida Marla Perez Lugo, University of Texas Rio Grande Valley</p>
Day 3: Tuesday, March 7	
10:30 AM to 12:00 PM	Breakout Session III
Session A	<p>Cultural and Religious Competency in Disasters Kimberly Davis, Cooperative Extension Program at Florida A&M University Michelle Eley, Cooperative Extension at North Carolina A&T State University Noel M. Estwick, Prairie View A&M University</p>

	<p>Christina Sanders, Washington State University</p> <p>Why What Doesn't Kill You Makes You Vulnerable: The Need for Mental Health Care Following Hazards Lyssa Losa, Texas A&M University Courtney Thompson, Texas A&M University Lindsay Sansom, Texas A&M University Garett Sansom, Texas A&M University</p> <p>A Framework for Building Capacity for Livability, Resilience, Sustainability, and Intelligence in Vulnerable and Economically Distressed Communities Jorge A. Vanegas, Texas A&M University</p>
Session B	<p>Ready or Not: Kentucky Disasters Cause 1862's/1890's Extension Efforts to Merge Gill Finley, Cooperative Extension at Kentucky State University Alethea Bernard, University of Kentucky</p> <p>Disaster Recovery: Reflection on Best Practices and Vision for the Future Heather Lagrone, Texas General Land Office - Community Development & Revitalization</p> <p>Disaster Work within the CED Unit Jimmy Henry, Prairie View A&M University</p>
Session C	<p>Feature Analysis to Detect Hotspots of Vulnerability in Flash-Flooding Events Natalie Coleman, Texas A&M University Allison Clarke, Texas A&M University Ali Mostafavi, Texas A&M University</p> <p>Saharan Dust as a Source of Iron for Redoximorphic Features Development in Sandy Soils on the Texas Gulf Coast Prairie: Bioenvironmental and Biomedical Implications Richard Griffin, Prairie View A&M University</p> <p>Research Animals in a Natural Disaster: A Case Study William Foxworth, Prairie View A&M University</p>
Session D	<p>Climate Change and Disasters: Supporting Under-Resourced and Underserved Communities Tanya Gulliver-Garcia, Center for Disaster Philanthropy Sally Ray, Center for Disaster Philanthropy</p>
2:45 PM to 4:15 PM	Breakout Session IV
Session A	Homeowner Risk Disclosure for Resilient Communities

	<p>Carol Friedland, Louisiana State University AgCenter</p> <p>Understanding the Natural Hazard Risk of Communities with Public Housing Developments Chandler Wilkins, Texas A&M University</p> <p>Developing a Culture of Severe Weather Preparedness by Building Neighborhood Capacity to Respond Tracie Sempier, Mississippi-Alabama Sea Grant Consortium Justin Sharpe, National Oceanic and Atmospheric Administration</p>
Session B	<p>JAGriculture: Emergency Management through Education and Mitigation Krystle Allen, Southern University Agricultural Research and Extension Center Marlin Ford, Southern University Agricultural Research and Extension Center Kiyana Kelly, Southern University Agricultural Research and Extension Center Angell Jordan, Southern University Agricultural Research and Extension Center</p> <p>Empowering Youth to Create a Culture of Preparedness Kimberly Davis, Cooperative Extension Program at Florida A&M University</p> <p>"Did You Check on the Cemetery?": A Geospatial Risk Assessment of Cemeteries in Southeast Louisiana Jennifer Blanks, Texas A&M University Alex Abuabara, Texas A&M University</p>
Session C	<p>Surviving Hurricane Dorian: A SIDS View on Disaster Preparedness, Climate Resilience and Food Security Shacara O. Lightbourne, Island Foodology, Bahamas</p> <p>Community Conversations: Listening the Learning to Improve Public Health Response Angela G. Clendenin, Texas A&M University</p>
Session D	<p>Out of Sight, but Not Out of Mind: Developing Pathways to Reengage our Vulnerable Populations as They Prepare for, Respond to, Recover from, and Mitigate towards Future Disasters Tonya Clarke, Texas Division of Emergency Management Aaron Herrera, Texas Division of Emergency Management Xavier Perry, Texas Division of Emergency Management Azell J. Carter Jr., City of Pasadena-Office of Emergency Management</p>