



NATIVE
FEWS
ALLIANCE

2023 Annual Gathering

”Engaging Communities for
a Thriving Future”

March 22-24, 2023
University of Arizona
Tucson, AZ

- ▶ Cultural Immersion
- ▶ Guest Speakers
- ▶ Networking
- ▶ Student Programming

More Info at:

<https://resilience.arizona.edu/events/2023-annual-native-fews-gathering>

The vision is to build a diverse Native American workforce at the nexus of Food, Energy and Water systems (FEWS), and design curricula and mentoring that combine Indigenous ways of learning with physical sciences and engineering methodologies.



NSF Cooperative Agreement Award # 2120035 entitled "Collaborative Research: NSF INCLUDES Alliance: Broadening Career Pathways in Food, Energy, and Water Systems with and within Native American Communities (Native FEWS Alliance)"

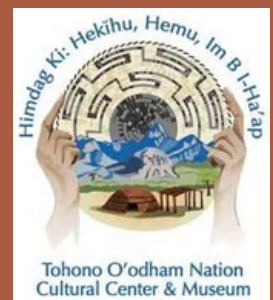


THE UNIVERSITY OF ARIZONA
ARIZONA INSTITUTE FOR RESILIENT
ENVIRONMENTS & SOCIETIES

Indigenous
Resilience Center



AMERICAN INDIAN
HIGHER EDUCATION CONSORTIUM



NRT-INFEWS: Indigenous Food, Energy, and Water Security and Sovereignty Indig-FEWS; DGE-1735173



2023 Annual Gathering Goals:

1. Address urgent FEWS challenges in Indigenous communities.
2. Co-develop integrated, Indigenous, place-based FEWS curricula, mentoring, and practice experiences.
3. Transform institutional STEM fields to be relevant and accessible to Indigenous communities.
4. Use curricula and interventions to recruit, retain and graduate Indigenous students to pursue higher education and careers in FEWS and bring their knowledge back to their communities.

Zoom Link:

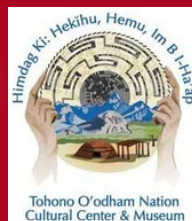


"Engaging Communities for a Thriving Future"

The FEWS Alliance vision is to build a diverse workforce at the nexus of Food, Energy and Water Systems, and design curricula and mentoring that combine Indigenous ways of learning with physical sciences and engineering methodologies.

The 2023 Annual Gathering theme, "Engaging Communities for a Thriving Future," focuses on efforts to bring together members of tribal communities and university representatives, and alliance members to discuss ways to prepare our students in the realm of FEWS.

NRT-INFEWS: Indigenous Food, Energy, and Water Security and Sovereignty Indig-FEWS;
DGE-1735173



THE UNIVERSITY OF ARIZONA
ARIZONA INSTITUTE FOR RESILIENT
ENVIRONMENTS & SOCIETIES

Indigenous
Resilience Center



FUNDING ACKNOWLEDGMENTS:

NRT-INFEWS: Indigenous Food, Energy, and Water Security and
Sovereignty Indig-FEWSS; DGE-1735173

Award Abstract # 1633740

NRT-INFEWS: STEM Training for Actionable Research and Global
Impact

Award Abstract # 2120001

NSF INCLUDES Alliance: Broadening Career Pathways in Food,
Energy, and Water Systems with and within Native American
Communities (Native FEWS Alliance)

University of Arizona
Provost Investment Fund



LAND ACKNOWLEDGMENT:

We respectfully acknowledge the University of Arizona is on the land and territories of Indigenous peoples. Today, Arizona is home to 22 federally recognized tribes, with Tucson being home to the O'odham and the Yaqui. Committed to diversity and inclusion, the University strives to build sustainable relationships with sovereign Native Nations and Indigenous communities through education offerings, partnerships, and community service.



COVID-19 INFORMATION:

COVID-19 is still present in our communities. We are asking that all attendees do their best to mitigate risk of exposure during the gathering.

This includes compliance with all COVID-19 guidelines that are in place during the Native FEWS Alliance Annual Gathering. This includes locations such as the University of Arizona, Tohono O'odham Nation, Tohono O'odham Community College and South Tucson.

TOCC

The TOCC Board of Trustees approved the following update to our COVID-19 vaccination requirements during their regular meeting on December 9: "Fully vaccinated' shall be understood to include booster shots recommended by the Center for Disease Control (CDC). TOCC administration will identify, publish, and enforce reasonable dates for implementation of this requirement."

Pursuant the above, TOCC is hereby requiring all full-time and part-time staff members and full-time faculty members to provide proof of receiving a booster shot by February 1, 2022. The same requirement applies to all persons coming onto the TOCC campus and sites (excluding San Carlos Apache) effective February 1, 2022. This also applies to adjunct faculty whose duties require them to be present in person at a TOCC site. It also applies to TOCC students and community members who seek access to TOCC campus and sites.

Please submit Covid-19 Vaccination cards here:
<https://forms.gle/nC1uqtcDRjwhZEjW7>

TON Museum

Mask mandates and temperature checks are in effect for the Tohono O'odham Nation.

University of Arizona

Mask mandates are encourage at the University of Arizona.



AGENDA: Wednesday, March 22, 2023

North Side
ENR2

6:25am Meet at UA Vehicles
6:35am Depart of University of Arizona
6:45am Meet at Buses

7:00am Depart for Tohono O'odham Community College
8:30am Arrive & check-In at Tohono O'odham Community College
8:30am-9:00am Grab & go breakfast

TOHONO O'ODHAM COMMUNITY COLLEGE AMPHITHEATRE

9:00am Welcome from Tohono O'odham Community College
Paul Robertson, PhD, President, Tohono O'odham Community College
Ofelia Zepeda, PhD, Chairwoman, Tohono O'odham Community College Board of Trustees
Ned Norris Jr., PhD, Chairman, Tohono O'odham Nation

TOHONO O'ODHAM COMMUNITY COLLEGE PROGRAMMING

Group
Colors:
RED
BLUE
PURPLE
GOLD

9:30am-12:00pm

Demo 1: 9:30am-10:00am Mesquite Cookies: Yvette Ventura (I-We:mta Ki: Wapto)
Demo 2: 10:10am-10:40am Traditional Foods: Jacelle Ramon-Sauberan (I-We:mta Ki: Patio)
Demo 3: 10:50am-11:20am Apedag Ki: Drew Harris (Apedag Ki:)
Demo 4: 11:30am-12:00pm O'odham Jewed - TOCC Ag Extension and Office of Sustainability
(Under Tent)

TOCC Board Room -

AIHEC & TOCC ADMINISTRATIVE MEETING TIME: TBD

I-We:mta
Ki:
Kitchen

12:00pm-12:45pm Lunch (I-We:mta Ki: Kitchen)

Tepary beans and short ribs, green salad with Ciolim, ratatouille, wheat roll, agave sweet tea, and unsweet tea, frybread dessert

12:45pm Depart for Tohono O'odham Himdag Ki:
Indigenous Correspondents Depart for Tucson

1:30pm Arrive at Tohono O'odham Himdag Ki:
Tohono O'odham Nation Culture and History Museum



AGENDA: Wednesday, March 22, 2023

Himdag
Ki:

1:40pm Welcome from Tohono O'odham Himdag Ki:

*Myles Gallagher, Museum Administrator
Naomi Tom, Curator of Education*

TOHONO O'ODHAM NATION HIMDAG KI: PROGRAMMING

Himdag
Ki:

2:00pm-4:45pm

Demo 1: 2-3:15pm

Demo 2: 3:30-4:45pm

1) Frances Benavidez - Doll Making

2) Nacho Flores - Basket Making

3) Kathy Vance - Pottery

3) Teresa Choyguha - Pottery

4) Keith Norris - Silhouette Painting

Himdag
Ki:

5:00pm-5:30pm

Reflection

Naomi Tom, Himdag Ki:

Annamarie Stevens, Tohono O'odham Community College

5:30pm

Depart for Tucson

North Side
ENR2

7:00pm

Arrive at ENR2 Northside

7:00pm

Dinner on Your Own



NATIVE
FEWS
ALLIANCE

AGENDA: Thursday, March 23, 2023

7:30am Meet at UA Vehicles
7:45am Depart for University of Arizona (ENR2)

ENR2
604

8:00am-9:00am Native FEWS Alliance Leadership Sponsored Breakfast hosted by University of Arizona

ENR2
Court Yard

8:00am-9:00am Registration/Check-in
Breakfast

ENR2
S107

9:00am-9:50am Blessing & Morning Welcome

Blessing and Housekeeping Items

Miguel Flores Jr., LISAC, CSOTS, Chief Executive Officer, Holistic Wellness Counseling & Consultant Services, LLC

Daniel Sestiaga Jr., MPH, Program Manager, Indigenous Resilience Center, University of Arizona

Morning Welcome

Levi Esquerro, Senior Vice-President, Native American Advancement and Tribal Engagement

Herminia Frias, Council Member, Pascua Yaqui Tribe

Betsy Woodhouse, Associate Director, Arizona Institute for Resilience

Principal Investigators

Alice Agogino, PhD, University of California, Berkeley

Karletta Chief, PhD, University of Arizona

ENR2
S107

9:50am-10:45am State of FEWS in the Southwest

Nicole Yanes, NDN Collective

Pennelys Droz, NDN Collective

ENR2
Court Yard

10:45am-11:00am Coffee Break

ENR2
S107

11:00am-11:50am Native FEWS in Practice: Perspectives from Tribal Professionals and Departments

Clifford Pablo, Farm Manager/Extension Agent, Tohono O'odham Community College

Joyce Miguel, Farm Manager Assistant, Tohono O'odham Community College

Pennelys Droz, NDN Collective

Herminia Frias, Pascua Yaqui Council (Invited)

Roman Orona, Environmental Programs Manager, Ak-Chin Indian Community (Invited)



AGENDA: Thursday, March 23, 2023

ENR2
Court Yard
& Roof

12:00pm-12:45pm Lunch

1:00PM-3:00PM - TENTATIVE ADVISORY BOARD MEETING

ENR2
S215

1:00pm-1:50pm Student Session: Panel and Mixer

IndigeFEWSS and Native FEWS Student Participants

ENR2
S107

2:10pm-3:00pm STAR School: Decolonizing Curriculum through K-8 Faculty Engagement

Karletta Chief, PhD, Professor & Extension Specialist, Environmental Science, University of Arizona
Valerie Shirley, PhD, Associate Professor of Indigenous Education, College of Education, University of Arizona
Andy LaFrate, PhD, Assistant Principal, The STAR School
Alberta Nells, Faculty, The STAR School
Sean Ryan, M.S., Research Associate, Center for Science Teaching and Learning, Northern Arizona University

Nugent
2nd Floor

3:00pm-3:15pm Tour of Native American Student Affairs/University of Arizona

Brandi Espuma, Native American Student Affairs Program Coordinator, University of Arizona

ENR2
Court Yard
& S107

3:00pm-3:15pm Coffee Break

ENR2
S107

3:15pm-4:00pm Building a Liaison Certificate in FEWS: Considerations and Next Steps

David Mays, Professor in Department of Civil Engineering and ESIL Co-Director, University of Colorado Denver
Rafael Moreno Sanchez, Professor in Department of Geography and Environmental Sciences and ESIL Co-Director, University of Colorado Denver
Timberley Roane, Associate Professor in Department of Integrative Biology and ESIL Co-Director, University of Colorado Denver
Jessica Romero, Graduate Student in Department of Integrative Biology and ESIL Advisory Board Member, University of Colorado Denver
Cynthia Rice, Graduate Student in Department of Political Science and ESIL Advisory Board Member, University of Colorado Denver
Aldora White Eagle, Special Counsel to the Office of Equity, Diversity and Inclusion and ESIL Advisory Board Member, University of Colorado Denver
Christine Velez, Associate Director at The Evaluation Center and ESIL Advisory Board Member, University of Colorado Denver



AGENDA: Thursday, March 23, 2023

**ENR2
S215**

3:15pm-4:00pm Cultivating Indigenous Transferable Skills to Guide Your Professional Journey

Veronica Hirsch, American Indian College Fund

**ENR2
S107**

4:00pm-5:30pm Evaluation and Reflection

Everyone; Facilitated by Evaluation Team

5:30pm Free Evening/Dinner on Your Own

**Marriott
Hotel**

6:30pm Program Leads Dinner

AGENDA:

Friday, March 24, 2023

8:00am Meet at UA Vehicles
8:15am Depart for University of Arizona (ENR2)

**ENR2
S107**

8:30am-9:00am Morning Blessing & Breakfast
Miguel Flores Jr., LISAC, CSOTS, Chief Executive Officer, Holistic Wellness Counseling & Consultant Services, LLC

**ENR2
S107**

9:00am-9:45am Agriculture: Perspectives on the Past, Present and Future
Michael Kotutwa Johnson, PhD, Assistant Specialist at the School of Natural Resources and the Environment, Associate Faculty, Indigenous Resilience Center
Trent Teegerstrom, University of Arizona (Invited)
Ginger Sykes-Torres, United States Department of Agriculture
Amy Juan, San Xavier Coop
Padgley Gonzales, Intertribal Agriculture Council

**ENR2
S107**

10:00am NIC Agenda Overview
Cheryl Schwab, PhD., UC Berkeley

**ENR2
S107**

10:15am Overview of Networked Improvement Communities
Karletta Chief, PhD., University of Arizona

**ENR2
S107**

10:30am Introduction to the Native FEWS Alliance NIC Clusters
Karletta Chief, PhD., University of Arizona

ENR2

11:00am-1:00pm NIC Clusters: Breakout Sessions -- 5 breakout groups

S107
S210
S215
S225
S230

K-12/Community
Mentoring Ladder II
Mentoring Ladder I
Preparing a FEWS Ready Workforce
TCUs



AGENDA:

Friday, March 24, 2023

ENR2 2nd Floor	12:30pm-1:00pm Lunch
ENR2 S107	1:00pm-2:00pm Cluster Report Out Presentation <i>Kathy Isaacson, AIHEC</i>
ENR2 S107	2:00pm-2:45pm Final Plenary Discussion <i>Kathy Isaacson, AIHEC</i>
ENR2 S107	2:45pm-3:00pm Closing of the Cluster Sessions
ENR2 S107	3:00pm-3:50pm Final Reflections <i>Evaluation Team</i>
ENR2 S107	3:50pm-4:00pm Closing of Alliance Annual Gathering Sessions <i>Daniel Sestiaga Jr., University of Arizona</i>
North Side ENR2	6:00pm Meet at Buses
North Side ENR2	6:15pm Depart for Cafe Santa Rosa
CAFE SANTA ROSA (SOUTH TUCSON)	6:30pm Closing Dinner <i>Dinner Blessing- Anselmo Ramon</i> <i>Dinner Served</i> <i>Music: South Image Band</i> <i>Keynote Address: Native FEWS Alliance PIs</i> <i>Music: South Image Band</i> <i>Give Away Dance- Tohono O'odham Nation Youth Council</i> <i>Departing Blessing</i>



AGENDA:

Friday, March 24, 2023

9:45pm Depart for ENR2

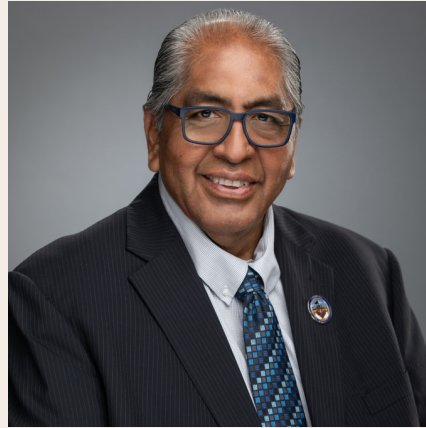
North Side
ENR2

10:00pm Arrive at ENR2

GUEST SPEAKERS



Paul Robertson
President, Tohono O'odham
Community College



Ned Norris Jr.
Chairman, Tohono O'odham
Nation



Drew Harris
Tohono O'odham
Community College



Miguel Flores Jr.
Holistic Wellness Counseling &
Consultant Services, LLC



Ofelia Zepeda
University of Arizona



Naomi Tom
Himdag Ki:



Christine Velez
University of Colorado
Denver



Aldora White Eagle
University of Colorado
Denver



Cynthia Rice
University of Colorado
Denver

GUEST SPEAKERS



Dr. Michael Johnson
University of Arizona



PennElys Droz
NDN Collective



Jacelle Ramon-Sauberan
Tohono O'odham
Community College



Valerie Shirley
University of Arizona



Kathleen (Kathy) Vance



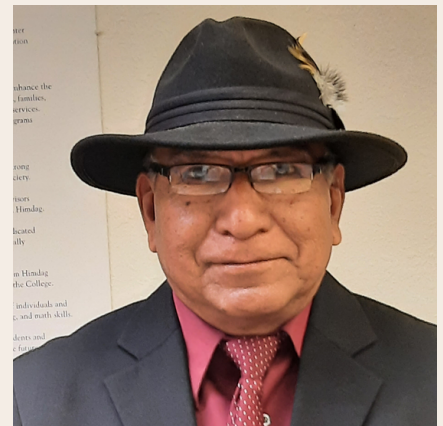
Ginger Sykes Torres
United States Department of Agriculture
Farm Service Agency



Teresa Choyguha
(chew-EE-wa)



Frances Benavidez
Tohono O'odham
Community College



Anselmo Ramon
Tohono O'odham
Community College



GUEST SPEAKERS



David Mays
University of Colorado
Denver



Jessica "Jessie" Romero
University of Colorado
Denver



Timberley Roane
University of Colorado
Denver, ESIL Certificate





Sean Ryan
Center for Science Teaching &
Learning at Northern Arizona University



Padgley Gonzales
Western Region
Intertribal Agriculture Council



Verónica Hirsch
American Indian College Fund



Cheryl Schwab
Native FEWS Alliance



Betsy Woodhouse
Arizona Institute for Resilience

GUEST SPEAKERS



Alice Agogino
Native FEWS Alliance Co-Pi
UC Berkeley



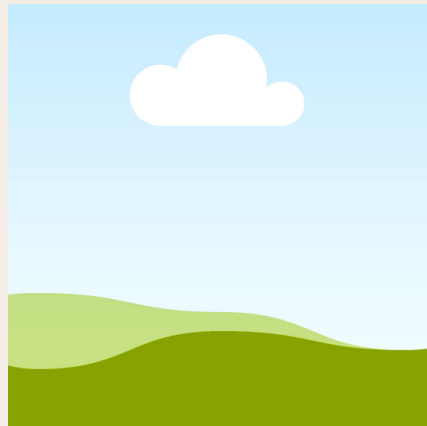
Jessica "Jessie" Romero
President & CEO, AIHEC



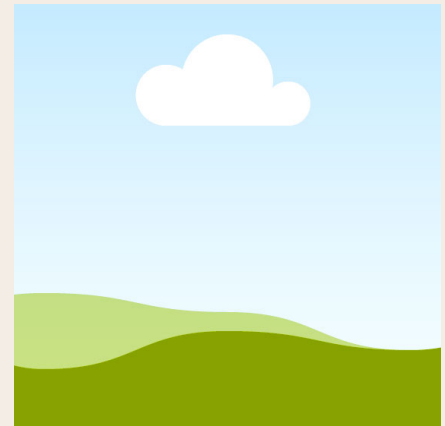
Kathy Isaacson
Native FEWS
AIHEC



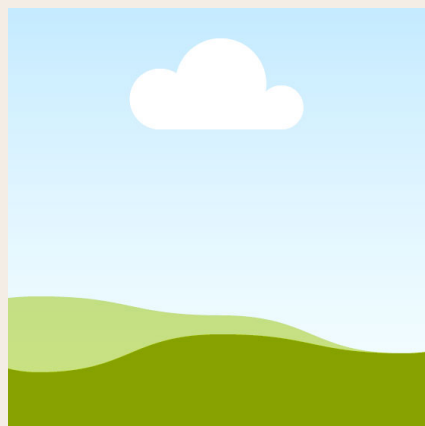
Amy Juan



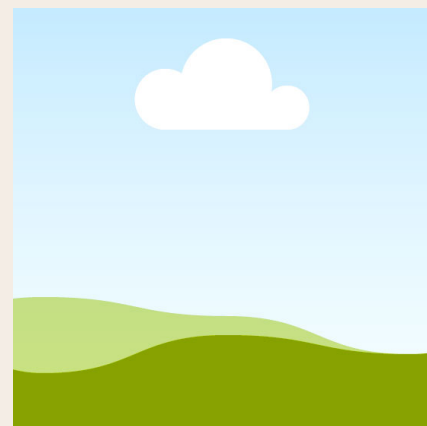
Myles Gallagher
Himdag Ki



Andy LaFrate
STAR Charter School



Minnie Frias

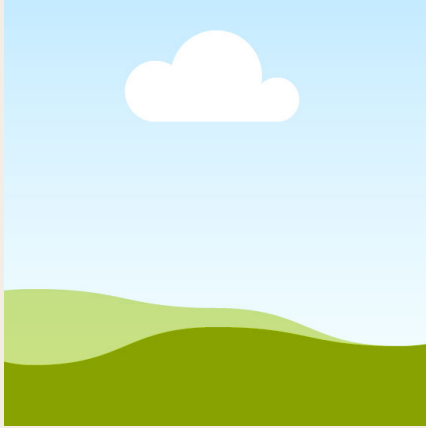


Joyce Miguel



Alberta Nells
STAR Charter School

GUEST SPEAKERS



Clifford Pablo



Yvette Ventura
Healthy O'odham
Promotion Program



Nicole Yanes



The Planning Committee would like to thank the following:

Tohono O'odham Community College
Tohono O'odham Community College Board of Trustees
Tohono O'odham Community College Himdag Committee
Tohono O'odham Nation
Chairman Ned Norris, PhD
Jesse Navarro
Tohono O'odham Nation Himdag Ki:
Yvette Ventura
Theresa Choyuga
Kathy Vance
Nacho Flores
Frances Benavidez
Tucson University Park Marriott
Aloft Hotel
Mountain View Tours
Cafe Santa Rosa
Tucson Tamale
Arizona Catering

