

**2021 Bi-Annual Navajo Research Conference
Virtual Conference
October 20-21, 2021**

Hózhó Náhasdlíí': Sustaining Reverence for Life and Wellness

Sponsored by:



Diné College



Navajo Nation Department of Health
& Department of Diné Education



Johns Hopkins
Center for American
Indian Health



Center for Health Equity
Research
& Partnership for Native
American Cancer Prevention

AGENDA

DAY I: Wednesday, October 20, 2021

8:30AM	MASTER OF CEREMONY	Sonya Shin, IRB Board Member
	INVOCATION	Stanley Reddye, Navajo Dept. of Health, Dept. of Behavioral and Mental Health Services
	WELCOME	Charles M. Roessel, President, Diné College
8:45AM	OPENING REMARKS	Rebecca Izzo-Manymules, NNHRRB Chair
9:00AM	KEYNOTE ADDRESS	Jonathan Nez, President, Navajo Nation
9:30AM	PLENARY SESSION	Navajo Department of Health, Navajo Epidemiology Center
	Navajo Nation's Dikos Nitsaaígíí (COVID-19) Response	Ramona Antone-Nez, Director Del Yazzie, Epidemiologist

10:15AM-10:30AM Beak I (15 min)

10:30AM- 12:00PM DAY I: Session I (90 min)

A: COVID-19 on Navajo Nation	Facilitators: Alex Greenfeld & Amanda Harris
Title	Presenter(s)
COVID-19 disease in Native American communities	Deionna Vigil, Tracy Goldtooth
Assessing Navajo COVID-19 Risks and Increasing Indigenous Resilience	Karletta Chief, Stephanie Carroll, Jani Ingram
Describing challenges in the face of COVID-19	Elvira Begay, Bryan Simmons
Observing PPE use in one Navajo Nation community	Miranda J. Haskie
COVID-19 Impact on Navajo Stores	Brianna John, Carmen George

B: Diabetes & Chronic Disease**Title**

Life and wellness in DPP and Look AHEAD studies

Effectiveness of a cultural DM education program

Stopping GDM: Navajo Nation baseline to 3-months Results

Clinical pharmacy services for chronic diseases

Blindness in the Navajo Nation: A 9-year Study

Facilitators: Shawndeena George & Tressica Johnson**Presenter(s)**

Harelda Anderson, Mary Hoskin

Jamie Wilson

Sandra Beirne

Joan OConnell

Ryan T. Wallace, Craig J. Chaya

C: Physical Activity & Nutrition**Title**

Healthy Places – Healthy People: A Toolkit for Promoting Active Living in Navajo Communities

The evaluation of the Healthy Diné Nation Act

Healthy Diné Nation Act: Manager/Owner Survey

Produce prescriptions on Navajo Nation: A case study

Implementation of multilevel obesity interventions

Facilitators: Ryan Grass & Tessa Saturday**Presenter(s)**

Sally Davis, Latasha James, Sheldon Benally, Julia M. Hess, Elverna M. Bennett, Marla Pardilla

Jennifer Hudson, Alysson Reformado

Sean Etsitty

Carmen George

Joel Gittelsohn

12:00PM – 1:00 PM**Break II (60 min)****1:00PM – 2:30PM****DAY I: Session II (90 min)****A: Education Part I****Title**

Engaging Diné youth in high school: Recruitment and Retention Strategies

Culturally-relevant engineering design curriculum

Project Safe Schools

Restorative justice and school-based relationships

National Indian Education Study (NIES)

Facilitators: Carmen George & Brianna John**Presenter(s)**

Eudora Redhouse, Nisha Talk

Shawn Jordan, Ieshya Anderson

Joshuaa Allison-Burbank

Tasha Seneca Keyes, Irina Riverman
Aundrea Dilanchian

James Deaton

B: Maternal, Child, & Family Health Part I**Title**

Breastfeeding attitudes and practices in a rural Utah Navajo community

Navajo mothers' perinatal resiliency in the NICU

Overview of developmental profiles in NBCS/ECHO

Arizona (First Things First) Parent Kit evaluation

Azh'é Bidziil (Strong Fathers): Advancing family

Facilitators: DeeDee James & Shermaine Nelson**Presenter(s)**

Laura Brown, Revina Talker

Chelsey Tarazi

Brandon Rennie

Lisa Colling, Candida Hunter

Tiffani Begay, Leander Staley, LeDaniel Gishie

C: Environment Part I**Title**

Design & implementation of a Navajo heating stove

Wood stove interventions and indoor air pollution

Wood stove interventions and respiratory infection

Assessing indoor radon exposure on the Navajo Nation

Update on thinking zinc nutritional intervention

Facilitators: Carmenlita Chief & Sean Etsitty**Presenter(s)**

Michael King, Lupita Montoya

Eugenia Quintana, Ethan Walker, Tony Ward

Johnnye Lewis, Ethan Walker, Curtis Noonan

Sheldwin Yazzie

Laurie Hudson, Debra MacKenzie,
Erica Dashner-Titus**2:30PM - 2:45PM****Break III (15 min)****2:45PM - 4:15PM****DAY I: Session III (90 min)****A: Education Part II****Title**A Viable Path for Education: Preliminary Findings from the
Indigenous-language Immersion and Native American Student
Achievement StudyInstructional Strategies for Supporting Oral Language Development
in a Diné Immersion Classroom: A Case Study

Dancing to learn Navajo

Engaging Navajo elementary schools in randomized controlled trial
of Yéego! Healthy Eating and GardeningTeacher Satisfaction and Lessons Learned in the Implementation of
Yéego! Healthy Eating and Gardening**Facilitators:** Carmella Kahn & Heather Dreifuss**Presenter(s)**

Teresa McCarty, Tiffany Lee

Sheilah Nicholas, Michael Seltzer

James McKenzie

Telletha Valenski

Kevin Lombard, Shirley Beresford, India Ornelas,
Mark Bauer, Geraldine Garrity, Brandon Francis,
Sonia Bishop, Felix Nez, Filiberto Vecenti, Heather
Wilcox, Linda Garcia, and Eileen Rillamas-Sun

Heather Wilcox

B: Maternal, Child, & Family Health Part II**Title**

SHARP 2019 survey results

Intergenerational programming for Native girls

RCL virtual program delivery during COVID-19

Family based equine assisted therapy

A Sample of Observational Restraint Use on Navajo Nation

Facilitators: Amber-Rose Waters & Jamie Wilson**Presenter(s)**

Mary Johnstun

Jaime Begay, Tiffani Begay, Rachel Strom Chambers

Barbara Harvey, Lauren Tingey

Charlene Poola

Robert Chaffe

C: Environment Part II**Title**

Radiation and metals in Navajo Birth Cohort homes

Immune changes associated with metals in the NBCS

Preterm birth and metals exposure in NBCS women

Arsenic and birth outcomes in 3 U.S. cohorts

ANA testing & metal mixture exposures from uranium mines

Facilitators: Jayme Biakeddy & Janet Yellowhair**Presenter(s)**

Chris Shuey, Johnnye Lewis, Elvira Honie

Debra MacKenzie, Nicole Thompson

Joseph Hoover, Esther Erdei, Johnnye Lewis

Debra MacKenzie, Daniel Beene

Esther Erdei, Chris Shuey, Johnnye Lewis

4:15PM – 4:30PM **DAY I: Announcements** Michael Winney

DAY II: Thursday, October 21, 2021

9:00AM **MASTER OF CEREMONY** Nanibaa' Garrison, IRB Board
OPENING REMARKS Daniel Tso, Chair, HEHS Committee

9:15AM **PLENARY SESSION**
The Pfizer COVID-19 Vaccine Study Laura Hammitt
Resilience & Mental Wellbeing during COVID-19 Manley Begay Jr., Chesleigh Keene, David Tsosie
Wastewater monitoring to track SARS-CoV-2 levels Otakuye Conroy-Ben
Navajo student report of COVID-19 effects Randall Swaim
Assessing COVID-19 risk factors on Navajo Nation Joseph Hoover

10:30AM – 10:45AM **Break I (15 min)**

10:45AM – 12:15PM **DAY II: Session I (90 min)**

A: Navajo Culture

Title

A Cultural, Spiritual and Health Impact Assessment of Oil Drilling Operations in the Navajo Nation are of Counselor, Torreon and Ojo Encino Chapters

Diné (Navajo) Traditional Names and Culture

Laughter and healing in Navajo social life

Collaborative fieldwork using Traditional Ecologic Knowledge

Facilitators: Sheldon Benally & Sonya Shin

Presenter(s)

David J. Tsosie, Teresa Seamster

Kendrick McCabe

Kohei Watanabe

Christine Samuel-Nakamura

B: Cancer

Title

Perspectives on Genetic Research: Results from a Survey Navajo Community Members

Addressing Disparities in Cancer Care

Helicobacter pylori infection in Native Americans

Helicobacter pylori and diet on the Navajo Nation

Facilitator: Janet Yellowhair & Ben Harvey

Presenter(s)

Katrina G. Claw, Nanibaa' Garrison, Frank Sage

Kristin Mitchell, Joel Begay, Laura Hammitt

Enoque Costa, Fernando Monroy, Heidi Brown

Darien Fuller, Shea Littlepage, Rachele Begay, Robin Harris

C: Respiratory Illnesses

Title

Carriage prevalence and genomic epi of S. aureus

Impact of PCV13 on invasive pneumococcal disease

Adult PCV15 clinical trial

Facilitator: Carmen George & Brianna John

Presenter(s)

Valerie Coho-Mescal, Catherine Sutcliffe

Shea Littlepage, Angelina Reid

Dan VanDeRiet, Gwen Livingston

Single-dose Nirsevimab for prevention of respiratory syncytial virus in healthy late preterm and term Infants

Johanna Blais, Catherine Sutcliffe

Trends in invasive Haemophilus influenza disease

Nina Richie, Wanda Lefebvre

12:15PM – 1:00PM

Break II (45 min)

1:00PM – 2:30PM

DAY II: Session II (90 min)

A: Education Part III

Title

Culturally responsive teacher professional development through the Diné Institute for Navajo Nation Educators

Facilitators: Kathleen Norton & Kelly McCue

Presenter(s)

Angelina Castagno, Pradeep Dass
Darold Joseph

Engaging Native American High School Students in Public Health Career Preparation Through the Indigenous Summer Enhancement Program

Amber-Rose Waters
Kalvina Belin, Shawndeena George

Online adaptations for summer research programs

Carmella Kahn, Heather Dreifuss, Mark Bauer

Four-year evaluation of the Navajo NARCH Summer Research Enhancement Project

Tressica Johnson, Kelly McCue, Nicolette (Nicky) Teufel-Shone

Case study findings: Understanding, documenting and evaluating internships at Diné College to support student success

Geraldine Garrity, Crystal LoudHawk-Hedgepeth, Reeverson Descheny, Mike Lerma

B: Maternal, Child, & Family Health Part III

Title

Family Spirit Nurture: Examining long-term Impacts

Facilitators: Chassity Begay & Alex Greenfeld

Presenter(s)

Taylor Billey, Leonela Nelson

Social determinants of diabetes in youth

Christine Hockett

Influences on Navajo children's diet intentions

Keona Manuelito, Rebecca Palacios

TTP and COVID-19: Impacts and lessons learned

Rachel Steinberg, Debra Yazzie,
Deidra Goldtooth

RSV and respiratory infections in AI/AN children

Rachel Hartman, Marqia Sandoval

C: Environment Part III

Title

Diné Hydration Project: Exploring Water Security and Child Health

Facilitators: Andria Begay & Sean Etsitty

Presenter(s)

Lisa Cohoe, Ashley Lee

Wristbands to measure environmental exposures

Christy Porucznik

Impacts from the GKMS

Yoshira Ornelas Van Horne.

Mutton consumption survey

Tasha Nez, Jani Ingram

Geodesign for Community-Based Land Use Planning

Jonathan Davis

2:30PM – 3:00PM

**DAY II: Closing Remarks
Closing Prayer**

Rebecca Izzo-Manymules

David Begay