

**Navajo Nation Human Research Review Board
2023 Conference**

**Virtual and at Twin Arrows Navajo Casino Resort
Flagstaff, AZ**

**October 18-19, 2023
8am – 5pm MST**

*Bihoo'aa'anideegii bee'ilééhózin áadoo bee'haa'honi dóó bee'adziil:
New Knowledge for Insight, Courage, and Strength*

Sponsored by:



**JOHNS HOPKINS
CENTER FOR
INDIGENOUS HEALTH**



Agenda

DAY 1: Wednesday, October 18, 2023

7:30AM	REGISTRATION	
8:30AM	MASTER OF CEREMONY	Dr. Calvin White, IRB Board Member
	INVOCATION/BLESSING	Dr. David Begay, IRB Board Member
8:45AM	WELCOME OPENING REMARKS	Dr. Rebecca Izzo-Manymules, IRB Board Member
9:00AM	KEYNOTE ADDRESS	Richelle Montoya, Vice President of the Navajo Nation
9:30AM	PLENARY SESSION	Genetics Research Group Dr. Katrina Claw and Walter Phelps

10:15AM-10:30AM Break (15 min)

10:30AM- 12:00PM Day 1: Session 1 (90 min)

A: Behavioral & Mental Health Part 1

Facilitators: DeeDee James & Leah Nez

+Connection is Medicine: Results from a Pilot Study of an Intervention Designed to Increase Coping and Connection to Others

Renae Begay and Shannon Archuleta

Exploring the Role of Indigenous Determinants of Health in the Wellbeing of Native Nations during COVID-19

Chesleigh Keene and Darold Joseph

Resilience and Academic Self-Efficacy in the Time of the COVID-19 Pandemic

Vanessa Begaye, Kyann Dedman-Cisco, and Shannon Archuleta

Examination of the Effectiveness of Western Counseling and Native American Traditional Healing Methods using Archival Data

Michelle Brandser

B: Diabetes

Facilitators: Jaime Begay & Janet Yellowhair

Chronic Health Conditions Disparity Results from the Navajo Behavioral Risk Factor Surveillance Survey

Simental Francisco and David Foley

New Knowledge from the Action for Health in Diabetes (Look AHEAD) Research Study

Mary Hoskin and Harelda Anderson

Twenty Years of the SEARCH for Diabetes in Youth Study: National and Navajo-Specific Findings and Observations

Anna Bellatorre

Comparing American Indian/Alaska Native Adolescent Daughters (D) and their Mothers' (M) Perceptions of Gestational Diabetes Risk and Risk Reduction Awareness, Knowledge, Attitudes, and Behaviors: Implications of M-D Communication on Reproductive Health in this Vulnerable Population

Sarah Stotz

The Diabetes Prevention Program Outcomes Study: New Phase of Evaluating Brain Health

Vallabh Shah, Harelda Anderson, and Miranda Smart

C: Maternal, Child, & Family Health Part I

Facilitators: Kelly McCue & Brooke Betsuie

Metabolomic Insights into Early Childhood Caries among Navajo Infants

Leonela Nelson and Laura Hammitt

Understanding Potential Roles of Metals in Dental Health

Qeturah Anderson, Ashley Wegele, and Debra MacKenzie

Water is K'e: Expanding and Evaluating a Community-Based Intervention to Increase Healthy Beverage Consumption in Navajo Preschool Children

Carmen George and Sonya Shin

Woodstove Exposure and Childhood Respiratory Symptoms – The KidsAIR Study

Esther Erdei

The Impact of Early Interventional Services for Children in NBCS/ECHO

Brandon Rennie, Heather Krapf, and Valsitta Curley

12:00PM- 1:15PM Lunch (75min)

(12:30pm – 1:00pm) Dr. José Luis Cruz Rivera, Northern Arizona University President

1:15PM- 2:45PM DAY I: Session II (90 min)

A: Education Part I

Facilitators: Carmella Kahn & Kaja Aagaard

Strengthening the Workforce on Navajo Nation through Tailored Community Health Worker Certification

Olivia Muskett, Stacey Thompson, and Hannah Sehn

Culturally Responsive Teacher Professional Development through the Diné Institute for Navajo Nation Educators (DINÉ)

Angelina Castagno

The National Indian Education Study (NIES)

James Deaton

SPLICE: Sustainable Professional Learning for Indigenous Character Education Partnership between Navajo Nation Department of Diné Education (ODSI) and Penn State University

Hollie Kulago, Dortehea Litson, and Logan Rutten

Today, We Butcher: Book Manuscript Excerpt about Navajo Sheep and Sheep Butchering

Christine Ami

B: Nutrition

Facilitators: Sonya Shin & Jennifer Hudson

The Navajo Nation Healthy Diné Nation Act: Community Support of a 2% Tax on Unhealthy Foods

Caleigh Curley

Overview, Implementation, and Impact of Navajo Nation's Healthy Diné Nation Act (HDNA)

Regina Eddie and Carmen George

Food Insecurity and the Efficacy of a Gestational Diabetes (GDM) Risk Reduction Intervention: Healthy Eating Outcomes among American Indian and Alaska Native (AI/AN) Female Adolescent and Young Adults (FAYA)

Sarah Stotz

Navajo FVRx: Lessons Learned from Implementing COPE's Fruits and Vegetable Prescription Program with the Navajo Families over the Last Nine Years

Katie Callahan

Engaging Navajo Elementary Schools in Randomized Controlled Trial of Yéego! Healthy Eating & Gardening: Phases of Development

Kevin Lombard, Shirley A.A. Beresford, and India Ornelas

C: Environment Part I

Facilitators: Wacey Begay & Andria Begay

Transportation Behaviors Related to Food & Energy in Rural Navajo and Hopi Communities

Suzanne Singer, Lindsay Holiday, and Sean Dew

University-Community Research Response to COVID-19 Amplified Food, Energy, and Water (FEW) Insecurities on the Navajo Nation

Karletta Chief

Thinking Zinc: An Intervention to Address Environmental Metal Exposures on the Navajo Nation Laurie Hudson

Impacts to Diné Activities with the San Juan River after the Gold King Mine Spill Karletta Chief

Integrating the Context of Bodaway Gap Chapter into Infrastructure Design Ann-Perry Witmer

2:45PM- 3:00PM Break III (15 min)

3:00PM- 4:30PM Day I: Session III

A: Public Health

Facilitators: Luke Nez & Carmenlita Chief

Mutton Consumption Survey Jani Ingran and Andee Lister

Healthy Places – Healthy People (HPHP): Promoting Active Living in Navajo Communities Sally Davis, Sheldon Benally, and Carmella Kahn

TOC Successful Aging Study Vincent Werito

Metal(loid)s in Eight Species of Medicinal Plants Impacted by Uranium Mining on Diné Lands Christine Samuel-Nakamura

Preventing Early Childhood Obesity, Part 2: Family Spirit Nurture, COVID-19 Impacts Taylor Billey, Lisa Jim, and Reese Cuddy

B: Maternal, Child, & Family Health Part II

Facilitators: Carmen George & DeeDee James

Overview of the Navajo Birth Cohort Study Frienda Clay, Miranda Cajero, and Carolyn Roman

Role of Essential Nutrients in Contributing to Adverse Birth Outcomes within the Navajo Birth Cohort Study Ashley Wegele, Rebecca Mertzke, and Debra MacKenzie

Updates on Maternal and Child Health from the Navajo Birth Cohort Study/ECHO – Exposure, Immune System Response, and Preterm Birth Esther Erdei and Joseph Hoover

Mother Versus Daughter Attitudes Toward Breastfeeding in American Indians: Implications for Reproductive Health Education Ellen Seely

Evaluation of Asdzáán Be'eena' (Female Pathways): Feasibility, Acceptability, and Preliminary Impacts Jennifer Richards and Barbara Harvey

C: Medicine

Facilitators: Sonya Shin & Carissa Sherman

Addressing *Helicobacter pylori* Health Disparities by Evaluating the Role of the GI Microbiome on Inflammation and *H. pylori* Colonization in Patients on the Navajo Nation Daisy Vega

Implementation of an Education Intervention for Primary
Care Management of Severe Acne in American Indian
Patients

Lucinda Kohn

Hózhó (Heart Failure OptimiZation at Home to Improve
Outcomes) Quality Improvement Model for Patients Receiving
Care through the Gallup Service Unit in Navajo Nation

Lauren Eberly, Ada Tennison, and Maricruz Merino

Investigating Asthma Exacerbations Following the
Community

Bryan Hudson, Elvira Begay, and Buffy Tso

4:30PM - 4:45PM

**Day I: Announcements
Return to Main Room**

Dr. Calvin White

- Navajo Nation Special Diabetes Program (NSDP) 3k Fun Run/Walk

DAY II: Thursday, October 19, 2023

8:00AM	REGISTRATION	
9:00AM	MASTER OF CEREMONY	Dr. Calvin White, IRB Board Member
	OPENING REMARKS	Kim Russell, Director of the Navajo Nation Department of Health
9:30AM	PLENARY SESSION	Dr. David Foley, Navajo Nation Epidemiology Center

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

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

A: Maternal, Child, & Family Health Part III

Facilitators: Brooke Betsuie & Jaime Begay

Family Spirit Nurture: Preliminary Results from the Long-Term Follow-Up Study

Kim Yazzie, Leonela Nelson, and Reese Cuddy

Results of the 2023 Student Health and Risk Prevention (SHARP) Survey, Administered in Navajo Nation Schools in Spring 2023

Mary Johnstun

Single-Dose Nirsevimab for Prevention of Respiratory Syncytial Virus in Healthy Late Preterm and Term Infants

Chloe Hurley and Laura Hammitt

Immunogenicity of H. influenzae Type b Vaccines in American Indian and Alaska Native Infants

Starla Garcia and Bianca Jackson

Respiratory Syncytial Virus (RSV)-associated hospitalizations among American Indian and Alaska Native Children 5 Years of Age, November 2019 – May 2023

Elvira Honie and Laura Hammitt

B: Education, Part II

Facilitators: Marissa Tutt & Carissa Sherman

Best Practices and Lessons Learned of the Wyman Teen Outreach Program®

Eudora Redhouse, Jarel Lee, Nisha Talk

Horses Connecting Communities: Sustaining Community Learning Spaces after Research Ends

Kelsey Dayle John, Santana Nez, and Wayn Franklin

Navajo Native American Research Center for Health (NARCH): Undergraduate Pathway

Tressica Johnson and Shawndeena George

Development, Implementation, and Evaluation of the 2021- 2023 Diné Teachings and Public Health Students Informing Peers and Relatives about Vaccine Education (RAVE) Project

Carmella Kahn, Chassity Begay, and Marissa Tutt

Perspectives and Experiences from the Research Field in the Development of an Evidence-Based Navajo Family Intervention, the Family Listening Program, and Adaptation in Two Navajo Communities

Lorenda Belone, Kayetrina Raphealito, and David Tsosie

C: Behavioral & Mental Health, Part II**Facilitators:** Jennifer Hudson & Kelly McCue

A Study Protocol to Test the Effectiveness and Cost-Effectiveness of Family Spirit Strengths

Savannah Burke, Lacey Howe, and Shannon Archuleta

Diné Parents Taking Action for Autism: Preliminary Program Adaptation and Pilot Trial Results

Olivia Lindly, Candi Running-Bear, and Davis Henderson

Evaluation of Azhé'e Bidziil (Strong Fathers) Program: Improving Outcomes among Rural Father and their Families: Feasibility, Acceptability, and Preliminary Impacts

Jennifer Richards, Nolan Tsingine, and Tiffani Begay

Development of the Family Spirit Strengths Program

Leonela Nelson and Lacey Howe

Dancing to Learn Navajo: Assessing Levels of Perceived Learning Enjoyment in Young Dual Language Navajo Students Following a Short Session of Aerobic Dance

Telletha Valenski

12PM- 1:15PM Lunch (75 min)

Navajo Youth Risk Behavior Survey - Sherry Brown, Philene Herrera, and David Foley

1:15PM- 2:45PM Day II: Session II (90 min)**A: Environment Part II****Facilitators:** Wacey Begay & Marissa Tutt

Environmental Health Studies can Inform Uranium Mine Remediation on the Navajo Nation – The Central Role of the Diné Network for Environmental Health (DiNEH) Project

Chris Shuey, Esther Erdei, and Donald A. Molony

Diné Household Water Survey: Water Needs Assessment to Understand the Household Water Needs of Navajo Families Living in the Fort Defiance Agency

Kimberly Belone, Ashley Thacker, and Reese Cuddy

Three Years of Wastewater-Based Public Health Surveillance to Track SARS-CoV-2 Levels in Navajo Nation Communities

Erin Driver, Otakuye Conroy-Ben, and Rolf Halden

A One Health Approach to the Effects of Legacy Uranium Mining on the Navajo Nation

Gilbert John and Betsy Wier

Qualitative Evaluation of Navajo Water Access Projects: Programmatic Findings

Tanya Jones and Ashley Thacker

B: Infectious Disease**Facilitators:** Andria Begay & Carmen GeorgeWhole Genome Sequencing of *Helicobacter pylori* Isoletes from Gastric Biopsy Specimens

Erik Settles

Navajo ABID Study: Assessing *Helicobacter pylori* Infections among Adults from the Navajo Nation

Dornell Pete

COVID-19-Associated Hospitalizations and Post-COVID Conditions among Indigenous Persons Living in the Southwest US

Verlena Litte and Laura Hammitt

Pneumococcal Carriage among Native Americans in the Southwest (the PNEU-CARE Study)

Victoria Sergent and Wanda Lefebvre

Impact of Pneumococcal Conjugate Vaccines and the COVID-19 Pandemic on Otitis Media and Invasive Pneumococcal Disease in the Navajo Nation

Victoria Sergent and Chloe Hurley

C: Public Health, Part II

Facilitators: Katrina Claw & Carmenlita Chief

Understanding the Barriers and Opportunities to Improve Cancer Care Delivery on Navajo Nation

Hannah Sehn and Olivia Muskett

Reflecting on Navajo Nation Community's Responses to COVID-19 Public Health Messages on Facebook

Travis Pinn and Sheryl Nelson

A Navajo Glossary of Genetics and Genomics Terms

Perry Charley, Martha Garrison, and Frank Morgan

Examining Perspectives of Researchers Regarding Genetic Research on the Navajo Nation

Carissa Sherman

Deliberations about Genetic Research and Policy Concerns on the Navajo Nation

Luke Nez and Kaja Aagaard

2:45PM – 4:00PM DAY II: Closing Remarks

TBD

Closing Prayer

TBD

We would like to say thank you to all the Steering Committee Members for planning the conference and to all the volunteers for making the conference run smoothly!

Steering Committee Member

Mark Bauer
Chassity Begay
Carol Goldtooth
Laura Hammitt
Philene Herrera
Ursula Knoki-Wilson
Kathleen Norton
Hannah Sehn
Sonya Shin
Jennifer Richards
Chenoa Bah Stilwell-Jensen
Nicolette Teufel-Shone
Michael Winney

Volunteers

Kaja Aagaard
Andria Begay
Chassity Begay
Jaime Begay
Wacey Begay
Brooke Betsuie
Roselyn Bitah
Carmenlita Chief
Katrina Claw
Carmen George
Jennifer Hudson
DeeDee James
Helena Johnson
Carmella Kahn
Kelly McCue
Leah Nez
Luke Nez
Carissa Sherman
Sonya Shin
Marilyn Tapaha
Marissa Tutt
Janet Yellowhair