

**Navajo Nation Human Research Review Board Conference  
Navajo Nation Museum ~ Window Rock, Arizona  
October 21 and 22, 2015**

*“Na’alkaah biyi’dóó éé’hózin: Greater Insights through the Lens of Navajo Research ”*

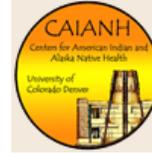
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Diné College



The Navajo Nation  
Department of Health  
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University of  
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Native Health



Collaborative among Northern Arizona  
University, University of Arizona, and  
Diné College

**AGENDA**

**DAY ONE: Wednesday, October 21, 2015**

<b>8:30 AM</b>	<b>MASTER OF CEREMONY INVOCATION WELCOME</b>	Ursula Knoki-Wilson, IRB Board Member Elmer P. Begay, Traditional Consultant Martin Ahumada, Acting President, Diné College
<b>8:45 – 10:00 AM</b>	<b>PLENARY SESSION OPENING REMARKS</b>	Beverly Becenti-Pigman, NNHRRB Chair
	<b>KEYNOTE ADDRESSES: Directions in Navajo Health Resources</b>	Jonathan Nez, VP, Navajo Nation Ramona Antone-Nez, Director Navajo Epidemiology Center
<b>10:005 AM – 10:15 AM</b>	<b>AM BREAK &amp; POSTER REVIEW</b>	
<b>10:15AM– 11:45 AM</b>	<b>MORNING SESSION I</b>	
<b>A: “Medicine and Public Health”</b>		<b>FACILITATOR:</b>
Successful Newborn Screening for SCID in Navajo Nation	Jennifer Puck	Medicine & Public Health
An Evaluation of the B9 Vitamin Initiative for Navajo Women of Child Bearing Age.	Aussy Levi Patty Emond Wendy Wintermute	Maternal/Child Health

**A: “Medicine and Public Health”,  
continued**

Precision Population Health Management: Personalized Transitional Medicine for Native Americans in Northern Arizona	Robert Trotter Cynthia Beckett	Medicine/Public Health/Behavioral Science
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**B: “Behavioral and Mental Health  
Issues”**

**FACILITATOR:**

The Family Spirit Program: From Research to Replication	Kendrea Begay Crystal Kee	Behavioral/Education
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The Web of Life-A Positive Youth Development Program for Teen Pregnancy Prevention and Resilience Promotion for Native Youth	Susan Carter Matthew Baker	Behavioral/Education
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Lessons learned from the Diné College HIV Prevention Demonstration Project	Donald Chee Darlene Hunt	Behavioral/School
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Creating Campus Change at TCU	Bonnie Duran	Behavioral/School
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Collaborative Efforts to Improve the Implementation of Substance Abuse Programming in New Mexico: A Six Site State and Community Collaboration	Julie Salvador	Behavioral/Mental Health
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**C: “Education I”**

**FACILITATOR:**

Defining Student Success Through Navajo Perspectives	Colleen W. Bowman	Education
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National Indian Education Study (NIES)	James Deaton	Education
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A Longitudinal Review of a Navajo School Reform Project	Hongxia Fu Wendy Barnard	Education
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Engineering Design Across Navajo Culture, Community, and Society: A Student Perspective	Shawn Jordan Courtney Betoney	Education
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**11:45 AM – 1:15 PM**

**LUNCH – Quality Inn**  
Speaker: Russell Begay

President, Navajo Nation

**1:15 PM – 2:45 PM**

**AFTERNOON SESSION I**

**A: “Public Health Nutrition and Obesity”**

**FACILITATOR:**

How do shoppers feel about their local convenience stores?	Carmen George	Nutrition/Public Health
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**A: "Public Health Nutrition and Obesity"**  
*cont.*

A multi-institutional obesity prevention program (OPREVENT) is associated with decreased waist circumference and improved psychosocial factors in five American Indian communities

Joel Gittelsohn  
Marla Pardilla

Nutrition/Public Health

A food-store based environmental intervention is associated with reduced obesity and improved psychosocial factors and food-related behaviors on the Navajo Nation

Marla Pardilla  
Joel Gittelsohn

Nutrition/Public Health

A multi-institutional obesity prevention program (OPREVENT) is associated with increased days per week engaged in vigorous physical activity

Leslie Redmond  
Joel Gittelsohn

Nutrition/Public Health

**B: "Navajo Birth Cohort Study I"**

**FACILITATOR**

Overview of the Navajo Birth Cohort Study

Douglas Peter  
Angela Ragin-Wilson

Environmental Health/Maternal & Child Health

Navajo Birth Cohort Study-Pregnancy and Adverse Birth Outcomes on the Navajo Nation

Douglas Peter  
Candis Hunter

Environmental Health/Maternal & Child Health

Navajo Birth Cohort Study

Anna Rondon

Environmental Health/Maternal & Child Health

Maternal and Neonatal Exposure to Uranium and Other Heavy Metals: A Prospective Birth Cohort Study

Joseph Hoover  
Elizabeth Irvin-Barnwell  
Johnnye Lewis

Environmental Health/Maternal & Child Health

**C: "Environmental Health I"**

**FACILITATOR:**

Arsenic and Uranium Determination in Unregulated Water Sources on Western Navajo

Jonathan Credo  
Jani Ingram

Environment

Uranium Exposure of Sheep in Cameron and Leupp, AZ

Andee Lister  
Jani Ingram

Environment

Heavy metals in American Indian tea

Christine Samuel-Nakamura

Environment

Assessing Indoor Radon Exposure on the Navajo Nation

Sheldwin Yazzie

Environment

**2:45 PM – 3:15 PM**

**PM BREAK & POSTER REVIEW**

3:15 PM – 4:45 PM

AFTERNOON SESSION 2

**A: “Public Health & Nutrition”**

**FACILITATOR:**

An Intervention to Promote Navajo Gardening, Nutrition and Community Wellness

Mark C. Bauer  
Kevin Lombard  
Felix Nez  
Linda V. Garcia

Public Health & Nutrition

Where Health and Horticulture Intersect: A Navajo Wellness Collaboration

Desiree Deschenie  
Kevin Lombard  
Shirley Beresford  
India Ornelas  
Mark C. Bauer

Public Health & Nutrition

Johns Hopkins Feast for the Future Program: Garden to Cafeteria Success

Jessica Delmar

Public Health & Nutrition

**B. “Navajo Birth Cohort Study II”**

**FACILITATOR:**

Assessing factors to explain elevated urine-uranium levels in Navajo Birth Cohort Study (NBCS) participants

Chris Shuey  
Joseph H. Hoover  
Jennifer Ong  
Johnnye L. Lewis

Environment & Maternal Child Health

Mother and child immune responses in association with metal exposures among the Navajo Birth Cohort Study participants

Eszter Erdei  
Debra MacKenzie  
Curtis Miller  
Johnnye Lewis

Environment & Maternal Child Health

Evaluation of Prenatal Alcohol Exposure in the Navajo Birth Cohort

Adriana Bautista

Environment & Maternal Child Health

Navajo Birth Cohort Study: IináNizhóní Public Outreach Methods

David Begay  
Malcolm Benally

Environment & Maternal Child Health

**C. “Community-Based Public Health”**

**FACILITATOR:**

Physical activity and cancer among Native American cancer survivors: a pilot study

Hendrik ‘Dirk’ deHeer

Cancer

The Ramah Navajo Family Listening Program: A CBPR Approach in the Implementation of An Inter-generational Family Prevention Program

Benelda Cohoe-Belone  
Trevor Thompson

Behavioral Science & Public Health

Concepts and Models of Resilient Health in a Southwestern American Indian Tribe

Michelle Kahn-John

Behavioral Science & Public Health

Naabeehó Bich’eeeki’ (Miss Navajo): Playing Indian Princess or Archivist of Traditional Sheep Butchering

Christine Ami

Behavioral Science & Public Health

**DAY TWO: October 22, 2015**

**8:30 AM – 9:00 AM**

**MASTER OF CEREMONY  
INVOCATION  
OPENING REMARKS**

Kalvin White, IRB Board Member  
Jonathan Hale, HEHS Chair

**9:00 AM – 10:15 AM**

**PLENARY SESSION**  
Moderator: Perry Charley

**Community members and researchers consider recent environmental assaults on communities on the Navajo Nation and the need for increased studies of long-term health effects**

Tommy Rock & Tonya Baloo

Tolani Lake Enterprises: Puerco-Little Colorado River Watershed Navajo Community-Based Uranium Water Quality Assessment Project

Tony Hood & Bertha Nez

Red Water Pond Road Community Association: Once Upon Two Mines: A Diné Community Perspective

Jani Ingram

Southwestern Navajo Environmental Health Studies: Uranium and Arsenic Concerns in Water, Soil, Plants, and Mutton

Joseph Hoover

Understanding the Gold King Mine Spill: Center for Native American Environmental Health Equity Research Investigations to Inform Risk

**10:15 AM – 10:30 AM**

**AM BREAK & POSTER REVIEW**

**10:30 AM – 12:00 NOON**

**MORNING SESSION 2**

***A: "Oral Health in children"***

**FACILITATOR:**

Effect of Psychosocial Variables on Oral Health Outcomes in the Study, "Preventing Caries in Preschoolers: Testing a Unique Service Delivery Model in American Indian Head Start Programs"

Judith Albino  
Patricia Braun

Public Health/Maternal & Child Health

Impact of the "Preventing Caries in Preschoolers: Testing a Unique Service Delivery Model in American Indian Head Start Programs" Clinical Trial on Dental Disease

Patricia Braun  
Judith Albino

Public Health/Maternal & Child Health

Understanding the Impact of an Oral Health Promotion Trial in Head Start Centers: A Discussion

Patricia Braun  
Carmen George

Public Health/Maternal & Child Health

Working with the Navajo Community to Implement a Community-Based Clinical Trial across Navajo Nation: Lessons Learned

Tamanna Tiwari  
Carmen George

Public Health/Maternal & Child Health

**B: “Environmental Health II”**

Mixed Method Research Study on the Navajo Nation Grazing and the Correlations of Quantitative Data Analysis

Calvert L. Curley

**FACILITATOR:**

Environment

Looking Within: A Health Impact Assessment on Uranium Mining

Jordon Johnson

Environment

Navajo Traditional Healer Oral Story Project: The process of using a Navajo-centered approach to exploring commercial tobacco use in Navajo ceremonial settings

Hershel Clark

Behavioral Science

Navajo Traditional Healer Oral Story Project: Using digital storytelling to explore the history, impact and role of commercial tobacco in the Navajo ceremonial setting

Alfred Yazzie

Behavioral Science

**C: “Diabetes and Navajo Youth”**

Together on Diabetes Study: Evaluation of a Pilot Diabetes Prevention and Management Program for American Indian Youth

Kendrea Begay  
Marissa Begay

**FACILITATOR:**

Public Health/Diabetes

Tribal Turning Point Program

Janelia Smiley  
Roz Barber

Public Health/Diabetes

Tribal Turning Point: Pilot Study for Prevention of Type 2 Diabetes in American Indian Youth

Dana Dabelea

Public Health/Diabetes

Need for targeted secondary prevention efforts for diabetes in Navajo youth

Aulasa Liendo

Public Health/Diabetes

**12:00 NOON – 1:30 PM**

**LUNCH  
SPEAKER**

Quality Inn  
Lorenzo Bates, Speaker, Navajo Nation Council

**1:30 PM – 3:00 PM**

**AFTERNOON  
SESSION 3**

**A: “Immunology”**

Reductions in PCV 13-type carriage among vaccinated and under-vaccinated American Indian community member

Calerie Coho-Mescal

**FACILITATOR:**

Evaluating the Effectiveness of 13-Valent Pneumococcal Conjugate Vaccine among Young Children

Brooke Doman

Public Health

Prenatal Tdap coverage in New Mexico women to prevent pertussis (whooping cough) in infants

David Selvage

Public Health

**A: “Immunology” cont.**

Impact of PCV 13 on invasive pneumococcal disease among American Indians of the Navajo Nation

Carol Tso  
Laura Hammitt

Public Health

Study of a vaccine for reducing ear and lung infections in children

Olivia Trujillo  
Elvira Begay

Public Health

***B: "Education II"***

**FACILITATOR:**

Cultivating Diverse Talent in Science, Technology, Engineering, and Math (STEM)

Uwe Hilgert

Education

Diné (Navajo) caregivers' understandings of the IEP meeting: A case study

Fe Murray

Education

Navajo Grandparents Raising Grandchildren with Discipline Problems and Their Perspective on Current School Discipline Policies

Phyllis Pine

Education

Use of Traditional Knowledge in Public School Governance

Pauletta White

Education

***C: "Diabetes and Health Services Utilization"***

**FACILITATOR:**

Diabetes Prevention Program Outcomes Study: Tip the Calorie Balance

Carol Percy  
Miranda Smart  
Roz Barber

Public Health/Diabetes

Weight Loss and Microvascular Complications of Diabetes: the Look AHEAD and Diabetes Prevention Program Outcomes Study Clinical Trials

William Knowler

Diabetes

IHS Improving Health Care Delivery Data Project FY2013 Preliminary Findings for 2 Navajo Service Units: The Health Status and Service Utilization by Persons with Diabetes

Joan O'Connell

Public Health/Diabetes

Tribal FIT Study

Donald Havercamp  
Kevin English

Public Health/Cancer

**3:00 PM – 3:15 PM**

**PM BREAK &  
POSTER REVIEW**

**3:15 PM – 4:00 PM**

**Closing Remarks  
Closing Blessing**

Beverly Becenti-Pigman  
Elmer P. Begay Traditional Consultant

## POSTERS

Socializing English-Speaking Navajo Children to Storytelling	Christine Vining	Education
Dry Needling for Plantar Heel Pain: A Case Series	Steven Spoonemore	Medicine/Public Health
The Diné Power Plate: A New Teaching Aid that Grew From NNR 10.284 Food for Life: Cooking to Live in the Beauty Way	Yolanda Ellis-Bileen Lena Guerito Margilene Baarney Victoria James	Diabetes
A comparative analysis of telephone versus in-person survey administration for health risk factor surveillance in three tribal communities in New Mexico	Judith Espinoza	Public Health
Occurrence of arsenic and uranium in unregulated water sources on the Navajo Nation	Joseph Hoover	Environment/Public Health
OPREVENT2 Study Design and Intervention Activities	Brittany Jock Joel Gittelsohn	Public Health
Proximity to uranium mine waste on the Navajo Nation is associated with elevated ANA and IL17	Debra MacKenzie Eszter Erdei	Environment
Contributions of the Center for American Indian Health to Vaccine Research, 1988-present	Tamera Martin Beverly Gorman	Public Health
Safety and efficacy of motavizumab in the prevention of RSV disease in health infants	Raymond Reid	Public Health
The Cultural Elements Underlining the Community Health Representative Client Relationship in Navajo Nation	Casey Smith	Public Health
Maintaining Hózhó: Perceptions of Physical Activity, Physical Education and Healthy Living Among Navajo High School Students	Rachelle Jones	Education
Using The Model for Improvement to Impact Provider Knowledge and Adherence to Evidenced-based Pediatric Asthma Care Guidelines	Jane McGrath Carole Conley	Medicine & Public Health