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

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

Sponsored by:

AGENDA

DAY ONE:  Wednesday, October 21, 2015

8:30 AM  MASTER OF CEREMONY  Ursula Knoki-Wilson, IRB Board Member

INVOCATION  Elmer P. Begay, Traditional Consultant

WELCOME  Martin Ahumada, Acting President, Diné College

8:45 – 10:00 AM  PLENARY SESSION  Beverly Becenti-Pigman, NNHRRB Chair

OPENING REMARKS

KEYNOTE ADDRESSES:  
Directions in Navajo Health Resources  
Jonathan Nez, VP, Navajo Nation

Ramona Antone-Nez, Director  
Navajo Epidemiology Center

10:00 AM – 10:15 AM  AM BREAK & POSTER REVIEW

10:15AM– 11:45 AM  MORNING SESSION I

A:  “Medicine and Public Health”  

FACILITATOR:

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**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Facilitator(s)</th>
<th>Department(s)</th>
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</thead>
<tbody>
<tr>
<td>Precision Population Health Management: Personalized Transitional Medicine for Native Americans in Northern Arizona</td>
<td>Robert Trotter, Cynthia Beckett</td>
<td>Medicine/Public Health/Behavioral Science</td>
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**B: “Behavioral and Mental Health Issues”**

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

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<tr>
<th>Topic</th>
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<tr>
<td>Defining Student Success Through Navajo Perspectives</td>
<td>Colleen W. Bowman</td>
<td>Education</td>
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<tr>
<td>National Indian Education Study (NIES)</td>
<td>James Deaton</td>
<td>Education</td>
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<tr>
<td>A Longitudinal Review of a Navajo School Reform Project</td>
<td>Hongxia Fu, Wendy Barnard</td>
<td>Education</td>
</tr>
<tr>
<td>Engineering Design Across Navajo Culture, Community, and Society: A Student Perspective</td>
<td>Shawn Jordan, Courtney Betoney</td>
<td>Education</td>
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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”**

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<tr>
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<tbody>
<tr>
<td>How do shoppers feel about their local convenience stores?</td>
<td>Carmen George</td>
<td>Nutrition/Public Health</td>
</tr>
</tbody>
</table>
A: “Public Health Nutrition and Obesity”

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”

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”

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”

<table>
<thead>
<tr>
<th>Title</th>
<th>Facilitator</th>
<th>Section</th>
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<tbody>
<tr>
<td>An Intervention to Promote Navajo Gardening, Nutrition and Community Wellness</td>
<td>Mark C. Bauer, Kevin Lombard, Felix Nez, Linda V. Garcia</td>
<td>Public Health &amp; Nutrition</td>
</tr>
<tr>
<td>Where Health and Horticulture Intersect: A Navajo Wellness Collaboration</td>
<td>Desiree Deschenie, Kevin Lombard, Shirley Beresford, India Ornelas, Mark C. Bauer</td>
<td>Public Health &amp; Nutrition</td>
</tr>
<tr>
<td>Johns Hopkins Feast for the Future Program: Garden to Cafeteria Success</td>
<td>Jessica Delmar</td>
<td>Public Health &amp; Nutrition</td>
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#### B. “Navajo Birth Cohort Study II”

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<thead>
<tr>
<th>Title</th>
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<tbody>
<tr>
<td>Assessing factors to explain elevated urinuranium levels in Navajo Birth Cohort Study (NBCS) participants</td>
<td>Chris Shuey, Joseph H. Hoover, Jennifer Ong, Johnnye L. Lewis</td>
<td>Environment &amp; Maternal Child Health</td>
</tr>
<tr>
<td>Mother and child immune responses in association with metal exposures among the Navajo Birth Cohort Study participants</td>
<td>Eszter Erdei, Debra MacKenzie, Curtis Miller, Johnnye Lewis</td>
<td>Environment &amp; Maternal Child Health</td>
</tr>
<tr>
<td>Evaluation of Prenatal Alcohol Exposure in the Navajo Birth Cohort</td>
<td>Adriana Bautista</td>
<td>Environment &amp; Maternal Child Health</td>
</tr>
<tr>
<td>Navajo Birth Cohort Study: InâNizhóní Public Outreach Methods</td>
<td>David Begay, Malcolm Benally</td>
<td>Environment &amp; Maternal Child Health</td>
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#### C. “Community-Based Public Health”

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<tbody>
<tr>
<td>The Ramah Navajo Family Listening Program: A CBPR Approach in the Implementation of An Inter-generational Family Prevention Program</td>
<td>Benelda Cohoe-Belone, Trevor Thompson, Lorenda Belone</td>
<td>Behavioral Science &amp; Public Health</td>
</tr>
<tr>
<td>Concepts and Models of Resilient Health in a Southwestern American Indian Tribe</td>
<td>Michelle Kahn-John</td>
<td>Behavioral Science &amp; Public Health</td>
</tr>
<tr>
<td>Naabeehó Bich’ee’eki’ (Miss Navajo): Playing Indian Princess or Archivist of Traditional Sheep Butchering</td>
<td>Christine Ami</td>
<td>Behavioral Science &amp; Public Health</td>
</tr>
</tbody>
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## DAY TWO: October 22, 2015

### 8:30 AM – 9:00 AM

**MASTER OF CEREMONY**  
Kalvin White, IRB Board Member  

**INVOCATION**

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
- Tony Hood & Bertha Nez
- Jani Ingram
- Joseph Hoover

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

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

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

**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:**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Presenters</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>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”</td>
<td>Judith Albino, Patricia Braun</td>
<td>Public Health/Maternal &amp; Child Health</td>
</tr>
<tr>
<td>Impact of the “Preventing Caries in Preschoolers: Testing a Unique Service Delivery Model in American Indian Head Start Programs” Clinical Trial on Dental Disease</td>
<td>Patricia Braun, Judith Albino</td>
<td>Public Health/Maternal &amp; Child Health</td>
</tr>
<tr>
<td>Understanding the Impact of an Oral Health Promotion Trial in Head Start Centers: A Discussion</td>
<td>Patricia Braun, Carmen George</td>
<td>Public Health/Maternal &amp; Child Health</td>
</tr>
<tr>
<td>Working with the Navajo Community to Implement a Community-Based Clinical Trial across Navajo Nation: Lessons Learned</td>
<td>Tamanna Tiwari, Carmen George</td>
<td>Public Health/Maternal &amp; Child Health</td>
</tr>
</tbody>
</table>
B: “Environmental Health II”

Mixed Method Research Study on the Navajo Nation Grazing and the Correlations of Quantitative Data Analysis
Calvert L. Curley
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
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
Quality Inn
LUNCH SPEAKER
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

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

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

B: “Education II”

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

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

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

Use of Traditional Knowledge in Public School Governance

C: “Diabetes and Health Services Utilization”

Diabetes Prevention Program Outcomes Study: Tip the Calorie Balance

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

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

Tribal FIT Study

3:00 PM – 3:15 PM

PM BREAK & POSTER REVIEW

3:15 PM – 4:00 PM

Closing Remarks

Closing Blessing

Carol Tso
Laura Hammitt
Public Health

Olivia Trujillo
Elvira Begay
Public Health

Uwe Hilgert
Education

Fe Murray
Education

Phyllis Pine
Education

Paulettta White
Education

Carol Percy
Miranda Smart
Roz Barber
Public Health/Diabetes

William Knowler
Diabetes

Joan O’Connell
Public Health/Diabetes

Donald Havercamp
Kevin English
Public Health/Cancer

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 |
| 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 | Tamerra 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 |