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

“Na’al kaah biyi’dóó ééhózin 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

10:005 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

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

<table>
<thead>
<tr>
<th>Topic</th>
<th>Facilitator(s)</th>
<th>Department</th>
</tr>
</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>
</tr>
</tbody>
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### B: “Behavioral and Mental Health Issues”

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<thead>
<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>
</tr>
<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>
</tr>
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### C: “Education I”

<table>
<thead>
<tr>
<th>Topic</th>
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<tbody>
<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>
</tr>
<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>
</tr>
</tbody>
</table>

### 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”

<table>
<thead>
<tr>
<th>Topic</th>
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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”  
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 Regin-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
### AFTERNOON SESSION 2

#### A: “Public Health & Nutrition”

<table>
<thead>
<tr>
<th>Title</th>
<th>Facilitators</th>
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</tr>
</thead>
<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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<tr>
<th>Title</th>
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<tbody>
<tr>
<td>Assessing factors to explain elevated urine-uranium 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: IináNizhóní Public Outreach Methods</td>
<td>David Begay, Malcolm Benally</td>
<td>Environment &amp; Maternal Child Health</td>
</tr>
</tbody>
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#### C. “Community-Based Public Health”

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<tr>
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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</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’eekee’ (Miss Navajo): Playing Indian Princess or Archivist of Traditional Sheep Butchering</td>
<td>Christine Ami</td>
<td>Behavioral Science &amp; Public Health</td>
</tr>
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</table>
DAY TWO:  October 22, 2015

8:30 AM – 9:00 AM  MASTER OF CEREMONY
INVOCATION
OPENING REMARKS
Kalvin White, IRB Board Member

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”

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”

<table>
<thead>
<tr>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>Mixed Method Research Study on the Navajo Nation Grazing and the Correlations of Quantitative Data Analysis</td>
<td>Calvert L. Curley</td>
<td>Environment</td>
</tr>
<tr>
<td>Looking Within: A Health Impact Assessment on Uranium Mining</td>
<td>Jordon Johnson</td>
<td>Environment</td>
</tr>
<tr>
<td>Navajo Traditional Healer Oral Story Project: The process of using a Navajo-centered approach to exploring commercial tobacco use in Navajo ceremonial settings</td>
<td>Hershel Clark</td>
<td>Behavioral Science</td>
</tr>
<tr>
<td>Navajo Traditional Healer Oral Story Project: Using digital storytelling to explore the history, impact and role of commercial tobacco in the Navajo ceremonial setting</td>
<td>Alfred Yazzie</td>
<td>Behavioral Science</td>
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### C: “Diabetes and Navajo Youth”

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<tr>
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<tbody>
<tr>
<td>Together on Diabetes Study: Evaluation of a Pilot Diabetes Prevention and Management Program for American Indian Youth</td>
<td>Kendrea Begay</td>
<td>Public Health/Diabetes</td>
</tr>
<tr>
<td>Marissa Begay</td>
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<tr>
<td>Tribal Turning Point Program</td>
<td>Janelia Smiley</td>
<td>Public Health/Diabetes</td>
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<td>Roz Barber</td>
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</tr>
<tr>
<td>Tribal Turning Point: Pilot Study for Prevention of Type 2 Diabetes in American Indian Youth</td>
<td>Dana Dabelea</td>
<td>Public Health/Diabetes</td>
</tr>
<tr>
<td>Need for targeted secondary prevention efforts for diabetes in Navajo youth</td>
<td>Aulasa Liendo</td>
<td>Public Health/Diabetes</td>
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</tbody>
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**12:00 NOON – 1:30 PM**

**LUNCH**

**SPEAKER**

Lorenzo Bates, Speaker, Navajo Nation Council

**1:30 PM – 3:00 PM**

**AFTERNOON SESSION 3**

### A: “Immunology”

<table>
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<tbody>
<tr>
<td>Reductions in PCV 13-type carriage among vaccinated and under-vaccinated American Indian community member</td>
<td>Calerie Coho-Mescal</td>
<td></td>
</tr>
<tr>
<td>Evaluating the Effectiveness of 13-Valent Pneumococcal Conjugate Vaccine among Young Children</td>
<td>Brooke Doman</td>
<td>Public Health</td>
</tr>
<tr>
<td>Prenatal Tdap coverage in New Mexico women to prevent pertussis (whooping cough) in infants</td>
<td>David Selvage</td>
<td>Public Health</td>
</tr>
</tbody>
</table>

**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**  
Beverly Becenti-Pigman

**Closing Blessing**  
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