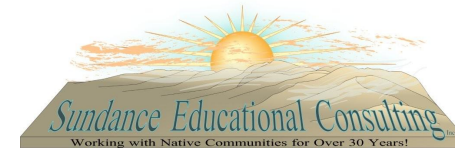


# LOOK ACROSS THE MOUNTAIN III

*... for Teachers, Parents and Students*

## February 23-24, 2015

*Improving the teaching and learning of STEM  
and other important skills for school communities*



**Common Core Math, & ELA**

**STEM: Cross-Cutting Common Core**

**Next Generation Science Standards**

**Parent Involvement**

**Special Education**

**Early Childhood Development**

**Incorporating Culture Into the Curriculum**



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# SUNDAY, February 22, 2015 *Look Across the Mountain III*

# Agenda

4:30 – 6:30

Pre Registration: Hotel Conference Area

# MONDAY, February 23, 2015 *Look Across the Mountain III*

# Agenda

7:45 – 8:30	Registration and Morning Coffee/Juice and Breakfast Bar					Grace and Paul Jones, Taos Flute		
8:30 – 9:15 BALLROOM	Opening Blessing - Mr. Dale Vicente, Acoma Pueblo Rex Lee Jim, Navajo Tribal Vice President					Introduction: Christine Becker, President Sundance Educational Consulting, Inc. Lesley Galyas, Director, NM PED Math and Science Bureau		
9:15 – 9:30	Native Youth Empowerment Organization Dance Performance - Jemez Pueblo							
9:30 – 10:30	E X H I	Opening Comments: <i>Jill Hruby</i> , Executive Champion of the American Indian Outreach Committee Sandia National Laboratories Keynote Address “Parenting is Rewarding” : <i>Loretta Draper</i> , Associate Director, AdvancED Navajo Nation						
SESSION I 10:45 – 12:00		Engineering and Math: Basic Electronics <i>Exploring electronics.</i>  <i>Etta Tsosie</i> and <i>Maxine Norton</i> Electronic Technicians Sandia National Labs  <i>Enchantment A-B</i>	Using Architecture to Reinforce Common Core and Next Generation Science Skills  <i>Cross discipline hands-on.</i>  <i>Manny Juarez</i> , Director <i>Amanda Robinson</i> Indigo Moose/Design Plus  <i>Enchantment C-D</i>	The Solar System Rocks <i>How to identify rocks from outer space.</i>  <i>Horton Newsom</i> University of New Mexico  <i>Enchantment E-F</i>	Fun With Physics <i>Experiment with “toys” that stress the learning of physics for everyday use.</i>  <i>Dr. Imelda Atencio De La Rue</i> Senior Optical Engineer Kirtland AFB ( <i>Steve Lucero, Melissa Ortiz</i> )  <i>Fiesta I-II</i>	Interactive Web-based Common Core Math, Read- ing and Science Activities for Parents and Teachers  <i>Using information technology at home and in school to improve academic skills.</i>  <i>Jan LaPrelle</i> Sundance Trainer  <i>Fiesta III-IV</i>	Community Empowerment: <i>How grassroots organizing can influence educational policy and promote human rights.</i>  <i>John F. Dulles II</i> Human Rights Consultancy, Denver, CO  <i>Board Room East</i>	
12:00 – 1:30		B	LUNCH BREAK - On Your Own					
SESSION II 1:30 – 2:45		I T S	Engineering and Math: Basic Electronics <i>Exploring electronics.</i>  <i>Etta Tsosie</i> and <i>Maxine Norton</i> Electronic Technicians Sandia National Labs  <i>Enchantment A-B</i>	Using Architecture to Reinforce Common Core and Next Generation Science Skills  <i>Cross discipline hands-on.</i>  <i>Manny Juarez</i> , Director <i>Amanda Robinson</i> Indigo Moose/Design Plus  <i>Enchantment C-D</i>	Otherworldly Landforms <i>Understanding Impacts and Craters.</i>  <i>Horton Newsom</i> University of New Mexico  <i>Tom Prettyman Yuki Yamashita</i> Planetary Institute  <i>Enchantment E-F</i>	Fun With Physics <i>Experiment with “toys” that stress the learning of physics for everyday use.</i>  <i>Dr. Imelda Atencio De La Rue</i> Senior Optical Engineer Kirtland AFB ( <i>Steve Lucero, Melissa Ortiz</i> )  <i>Fiesta I-II</i>	Interactive Web-based Common Core Math, Read- ing and Science Activities for Parents and Teachers  <i>Using information technology at home and in school to improve academic skills.</i>  <i>Jan LaPrelle</i> Sundance Trainer  <i>Fiesta III-IV</i>	Incorporating Culture into the Curriculum <i>Experiential learning for at-risk youth.</i>  <i>Mateo Sanchez and Joe Ansera</i> UNM Native American Studies Program  <i>Board Room East</i>
2:45 – 3:00	O	BREAK: Laguna Dance Group Performance - Atrium						
SESSION III 3:00 – 4:15	P E N	Engineering and Math: Basic Electronics <i>Exploring electronics.</i>  <i>Etta Tsosie</i> and <i>Maxine Norton</i> Electronic Technicians Sandia National Labs  <i>Enchantment A-B</i>	Using Architecture to Reinforce Common Core and Next Generation Science Skills  <i>Cross discipline hands-on.</i>  <i>Manny Juarez</i> , Director <i>Amanda Robinson</i> Indigo Moose/Design Plus  <i>Enchantment C-D</i>	How to Make a Comet <i>Comets: Their origins and significance.</i>  <i>Tom Prettyman Yuki Yamashita</i> Planetary Institute  <i>Enchantment E-F</i>	Understanding Weather <i>Tracking weather patterns using math and science skills.</i>  <i>Dr. Imelda Atencio De La Rue</i> Senior Optical Engineer Kirtland AFB ( <i>with Melissa Ortiz</i> )  <i>Fiesta I-II</i>	Improving Parent Involvement at Your School <i>Boys Don't Cry</i>  <i>Loretta Draper</i> AdvancED Navajo Nation  <i>Fiesta III-IV</i>	Incorporating Culture into the Curriculum <i>Developing oral histories and family timelines.</i>  <i>Alejandro Lopez</i> Consultant, New Mexico Community Foundation  <i>Board Room East</i>	
after hours 4:30 – 6:00		Taos Flute Lessons: “Learn Traditional Music” <i>Grace and Paul Jones</i> Enchantment A-B		“How to Prepare Students for Challenges in Today’s World” <i>Roger Bason &amp; Amparito Erazo</i> Enchantment C-D		Talking Circle: “Cultural Identify in Today’s World” <i>Tamara Stands and Looks Back-Spotted Tail</i> Enchantment E-F		

# TUESDAY, February 24, 2015 *Look Across the Mountain III*

# Agenda

7:45 – 8:30	Morning Coffee/Juice Bar Grace and Paul Jones, Taos Flute						
8:45 – 9:15	<b>Morning Announcements</b> Ballroom: Opening Comments: Kelly K. Zunie, New Mexico Secretary of Indian Affairs Introduction of Presenters/Day 2 Sessions						
<b>SESSIION I</b> 9:30-10:45	<b>E</b>  <b>X</b>  <b>H</b>  <b>I</b>	<b>smARTS:</b> <b>Common Core Based Performing Arts Activities to Strengthen Student Skills</b> <i>Hands-on activity workshops.</i>  <b>Cathryn McGill</b> Performer/Educator <b>Enchantment A-B</b>	<b>Wind Power and Windmills That Work</b> <b>STEM Cross-Cutting CCSS ELA and Math</b> <i>A project-based approach.</i>  <b>Roger Bason and Amparito Erazo</b> Energy Consultants <b>Enchantment C-D</b>	<b>Unleashing the Power of the Native Vote</b> <i>How to use the political process to achieve social change.</i>  <b>John F. Dulles II</b> Human Rights Consultancy Denver, CO <b>Enchantment E-F</b>	<b>Early Childhood Education: The Montessori Method</b> <i>Strategies for preparing young children for the school experience.</i>  <b>Susan Siebert and Susan Black</b> Montessori Educators <b>Fiesta I-II</b>	<b>Programming With SCRATCH</b> <i>Building tomorrow's technology today.</i> - Bring your laptop to this session -  <b>Lozanne Chavez</b> Sandia National Labs <b>Fiesta III-IV</b>	<b>Brain Education for Enhanced Learning</b> <i>Training your brain to maximize your potential.</i>  <b>Bette Castoria</b> Brain Ed Trainers <b>Board Room</b>
10:45 – 11:00	<b>B</b>	<b>BREAK - Grace and Paul Jones, Taos Flute</b>					
<b>SESSION II</b> 11:00 – 12:15	<b>I</b>  <b>T</b>  <b>S</b>	<b>smARTS:</b> <b>Common Core Based Performing Arts Activities to Strengthen Student Skills</b> <i>Hands-on activity workshops.</i>  <b>Cathryn McGill</b> Performer/Educator <b>Enchantment A-B</b>	<b>Catapults and Energy</b> <b>STEM Cross-Cutting CCSS ELA and Math</b> <i>A project-based approach.</i>  <b>Roger Bason and Amparito Erazo</b> Energy Consultants <b>Enchantment C-D</b>	<b>Improving Student Behavior in the Classroom and the Home</b> <i>Strategies for parents and teachers.</i>  <b>Joe DiRaddo</b> School Psychologist <b>Enchantment E-F</b>	<b>Improving Student Self-Concept</b> <i>Keys to success in all areas of life.</i>  <b>Dolly Kauley</b> Sundance Trainer <b>Fiesta I-II</b>	<b>Project Based Management for Everyone</b> <i>Using project management to get things done!</i>  <b>Marie Capitan</b> Sandia National Labs <b>Fiesta III-IV</b>	<b>IDEA Overview</b> <i>Requirements for education of children with special needs.</i>  <b>Ronalda Warito-Tome</b> Project Specialist and Advocate - EPICS <b>Board Room</b>
12:15 – 1:30		<b>LUNCHEON: Walatowa Head Start Dancers - Jemez Pueblo</b>					
<b>SESSION III</b> 1:45 – 3:00	<b>O</b>  <b>P</b>  <b>E</b>  <b>N</b>	<b>Brain Education for Enhanced Learning</b> <i>Training your brain to maximize your potential.</i>  <b>Bette Castoria</b> Brain Ed Trainers <b>Enchantment A-B</b>	<b>Wind Power and Windmills That Work</b> <b>STEM Cross-Cutting CCSS ELA and Math</b> <i>A project-based approach.</i>  <b>Roger Bason and Amparito Erazo</b> <b>Enchantment C-D</b>	<b>School / Student Safety</b> <i>Exploring current issues, needs for school safety practices/student protection.</i>  <b>Joe DiRaddo</b> School Psychologist <b>Enchantment E-F</b>	<b>Early Childhood Education: The Montessori Method</b> <i>Strategies for preparing young children for the school experience.</i>  <b>Susan Siebert and Susan Black</b> Montessori Educators <b>Fiesta I-II</b>	<b>Improving Student Self-Concept</b> <i>Keys to success in all areas of life.</i>  <b>Dolly Kauley</b> Sundance Trainer <b>Fiesta III-IV</b>	<b>Parental Rights for Parents of Special Needs Children</b> <i>Procedural safeguards.</i>  <b>Ronalda Warito-Tome</b> Project Specialist and Advocate - EPICS <b>Board Room</b>
3:00 – 3:30		<b>Ballroom: WRAP-UP: Raffle, Evaluations, Closing Blessing - Dale Vicente</b>					

## - EXHIBITS -

Sundance Educational - Common Core Materials	Rick Cate/Ami Pacheco	Clifford Tenorio – Jewelry	Explora Museum
Wiya Luta Consulting – Anti Domestic Violence/Sexual Assault	Brain Education/Yoga	Judy's Southwest Jewelry	Hand Carved Taos Flutes
John Torres Nez (Navajo) Beadwork Jewelry	Native American Studies	Lonnie Miller – Acoma Pottery	Native American Voters Alliance
New Mexico Natural History Museum	Acoma Pottery – Dale Vicente	AdvancED – Navajo Area NCS	Education for Parents of Special Needs Children
	American Indian Science/Engineering	UNM Office of Diversity	

## - VOLUNTEERS -

Amparito Erazo, Volunteer	Cyndee Gustke, Volunteer	Marjie Beck, SEC Materials Specialist	Robert Becker, SEC Finance Director	Athena Bason, Volunteer
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# LOOK ACROSS THE MOUNTAIN III: FOR TEACHERS AND PARENTS

## - SPEAKERS AND PRESENTERS -

<b>Grace and Paul Jones</b> live in Taos, New Mexico with their daughter where Paul carves his own Native-style flutes. Paul is from England and his wife, Grace is a member of the Taos Pueblo Tribe. Grace and Paul often share their traditional native music at Sundance events.	<b>Joe DiRaddo</b> is a licensed school psychologist and has worked with Native American families and youth. Joe has presented to large and small groups of parents both out on site at schools and at Sundance Conferences. Joe is an expert on strategies to improve student behavior.	<b>The Laguna Dance Group</b> - This group of dancers is from Laguna Pueblo, New Mexico and is coordinated by Rebecca Ann Ray who was a teacher for many years at Laguna Elementary School. Rebecca now works at the Saint Joseph's Mission School in Acoma, NM.	<b>The Native American Youth Empowerment Organization</b> was founded in 1993. NAYE serves as a support group to empower Jemez youth to strive for excellence through education while emphasizing the importance of upholding and sustaining the cultural values, language and traditions of our people.
<b>Bette Castoria</b> is an Advanced Brain Education (BE) Instructor. Bette enjoys working with young children as well as adults in the training of Power Brain Education. Bette currently teaches Brain Education through Dahn Yoga & Health Centers Inc. and privately out of her home in Albuquerque, NM.	<b>Dolly Kauley</b> (Eastern Band Cherokee) is a private consultant who works in areas of student motivation, health and wellness, case management and other areas geared toward improving life in Native communities. Dolly is also the Administrator for the Town of Cochiti Lake, NM where she resides.	<b>Walatowa Head Start Dancers</b> - This group of dancers is from the Pueblo of Jemez and have performed for the past three years at events for Sundance Educational Consulting. The coordinators for this program are Lana Toya and William Waquie, both from Jemez Pueblo.	<b>Tom Prettyman</b> is a Senior Scientist at the Planetary Science Institute. Tom's Ph.D. is in Nuclear Engineering, and his area of expertise is nuclear spectroscopy applied to planetary remote sensing. He has experience mapping the chemical composition of the Moon and Mars from the Lunar Prospector and Mars Odyssey missions
<b>Marjie Beck</b> works for Sundance Educational Consulting and specializes in providing common core materials and resources to school administrators, parents, and staff. Marjie also assists with Sundance conferences and trainings in making school contacts, registering participants and working to assure that everything runs smoothly on the day of the event.	<b>Tamara Stands and Looks Back - Spotted Tail</b> (Sicangu Lakota) is a private consultant working with education and solar energy to improve the quality of life in Native communities. Tamara is currently living in South Dakota and working at the Sinte Gleska University to improve programs for students and families.	<b>Marie Capitan</b> is of half Navajo and half Alaskan descent. Marie lives in Albuquerque, New Mexico with her two children. Marie has worked as a data entry clerk & secretary with the BIA, peace officer with the Albuquerque Police Department, and as a diversity workforce specialist in the Diversity & Inclusion Organization (DIO) at Sandia National Laboratories.	<b>Etta Tsosie</b> is a Navajo (Dine') and was born and raised in Rock Point, Arizona. Etta received a Certificate in Electronics Technology from T-VI and has worked in the Electronics field for 21 years. Currently, she assembles circuit boards by soldering various electronic components onto Printed Circuit Boards or Printed Wiring Boards.
<b>Jan LaPrelle</b> is a parent involvement trainer with Sundance Educational Consulting and works extensively in Navajo Area schools with Common Core standards and parent involvement activities. Jan has special expertise in the area of technology as well as providing resources to parents and teachers for on-line activities for children.	<b>Susan Siebert</b> - Susan Siebert has a Master of Education degree and a BA in Elementary Education. She is certified through the American Montessori Society (AMS) for ages 2 ½ -6 years. She served as Principal of the Montessori Community School in Honolulu for 13 years. She most recently focused on Staff Development at Cottonwood School in Corrales, NM.	<b>Christine Becker</b> is the President of Sundance Educational Consulting, Inc. (SEC) and has worked in schools serving Native American children for the past 40 years. Christine has been organizing conferences and trainings for schools for the past 7 years in order to bring much needed resources and expertise to local and reservation schools. SEC also provides on-site training for schools nationally.	<b>Roger Bason</b> , Ocean Scientist, Teacher and Entrepreneur is the founder and director of Natural Currents, a renewable energy company with a focus on producing power from tidal, wind and solar sources. He has been active in coral reef recovery constructing living reefs to provide natural shoreline protection and biodiversity in projects sponsored by the United Nations Partnership for Small Island Developing States.
<b>Dr. Imelda Atencio De La Rue</b> has been employed as an Optical Engineer at the Air Force Research Laboratory, Kirtland Air Force Base, NM, since 1987. She received a BS in EE with an emphasis in Electro-Optics in 1986 from New Mexico State University, and a MS and PhD in Optical Sciences in 1993 and 2003 respectively from the University of Arizona. Her passion is to get kids, of all ages, interested in science.	<b>Mateo Sanchez</b> has dedicated his career to teaching life skills to young people and leading community initiatives in Native Communities. He has been a teacher in BIA and Public Schools, Director of Education for the Pueblo of San Felipe, Director of Indian Education for the Bernalillo Public School District and most recently was a Wellness Teacher and Dean of Students for a charter school in Albuquerque, NM.	<b>Ronilda Warito-Tome</b> is a Navajo from Crownpoint, NM and is a proud mother of three children, two in college, one of whom is gifted and twice exceptional and one in high school. She has assisted in bringing families together with cultural relevance to build strong families. She continues to dedicate her time in assisting families to reconnect with their cultural identity as Native people.	<b>Susan Black</b> has been a Montessori educator for 30 years. In addition to her classroom work with early childhood and elementary aged children she has been involved in adult education since 1995. Susan has presented workshops at national Montessori conferences and has been a teacher trainer for many years. She is the mother of 2 and the grandmother of one very special 3 year old.
<b>Loretta Draper</b> is on the staff of AdvancED Navajo Nation. She has been a part of the Department of Dine Education providing technical assistance to schools. She has been a teacher and principal for the Bureau of Indian Education in AZ and NM schools. She has extensive experience in bilingual education, and training parents and communities, and school boards. Currently she works with school improvement and accreditation process with K-12 schools throughout the Navajo Reservation and beyond.	<b>Lozanne Chavez</b> has worked as a computer scientist at Sandia National Laboratories since 1998. She holds Bachelor and Master of Science degrees in Computer Science from the University of New Mexico. She has participated in the Dream Catchers Science Program for 2 years, and will be teaching the SCRATCH programming class again this summer. Dream Catchers is a summer STEM program for middle and high school students provided by the American Indian Outreach Committee.	<b>Amparito Erazo</b> is a native of Ecuador South America. She has lived in the United States for more than 40 years. She currently lives in New York and is a co-founder and owner of EccoSolution LLC a renewable energy company. She holds a bachelor degree in computer science and has more than 20 years of business and sales management experience. Amparito is passionate about her family and her business. And feels that embracing learning and growing as a person will benefit her in everything she does.	<b>Cathryn McGill</b> is a member of a class of traveling poets musicians, and storytellers who maintain a tradition of oral history in parts of West Africa. In the African tradition of griot, Cathryn is a storyteller, sharing stories in word and song, while building, growing, energizing and engaging communities, creating positive change wherever she goes. Cathy has worked extensively with schools in New Mexico and other areas to introduce young people to the joy of performing arts.
<b>Manny Juarez</b> is Director of Design Education, Indigo Moose and Partner at Design Plus LLC. He has worked as a Senior Manager of Youth and Teacher Engagement at the Chicago Architecture Foundation. He managed youth programs for grades K - 12, and was a liaison to post-secondary institutions with architecture and design programs. He developed programming for out-of-school, in-school, and digital media learning around architecture, engineering, design, and construction disciplines, as well as around design thinking and the design process.	<b>John F. Dulles II</b> , president of Human Rights Consultancy, is the former regional director of the United States Commission on Civil Rights in Denver. He also served as deputy regional director of the Commission's southwestern region, and senior analyst in its western regional office. His federal career also included assignments at the Library of Congress and the Office of Economic Opportunity. Mr. Dulles has directed numerous research projects and public hearings throughout the nation, and published extensively on a broad array of topics.	<b>Jill Hruby</b> is Jill Hruby is the Vice President of the Energy, Nonproliferation and High-Consequence Security Division at Sandia National Laboratories. During her career at Sandia she has worked in materials sciences, microsystem fabrication, nanoscience, solar energy, and mechanical component design. She holds three patents in microfabrication and an R&D 100 Award for solid-state radiation detection. In 2014, Purdue University honored her with its Distinguished Engineering Alumna Award.	<b>Alejandro Lopez</b> is a Professional writer, educator and workshop leader who has recorded the voices of scores of people born in the late eighteen hundreds when New Mexico was totally rural, self-sufficient and generally cut off from the world. He is currently weaving these voices into a book on the farm-based self-sufficient life of those people where the echo of the agricultural revolution of 12,000 years ago in the Middle East and later in Mexico can still be heard in the words "granaries, threshing floors, to winnow, elote, mano and metate".