



Distinguished LECTURE SERIES

Walking in Beauty in an Ever-Changing Path - A Navajo woman engineer's perspective

Presented by: **Sandra Begay**

Principal Member of the Technical Staff at Sandia National Laboratories and recipient of the American Indian Science and Engineering Society's Life-time Achievement Award



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11 a.m.
IN THE JUNKER CENTER



Office of Naval Research
875 N. Randolph St., Arlington, Virginia
Bobby Junker Executive Conference Center, 14th Floor

Walking in Beauty in an Ever-Changing Path - A Navajo woman engineer's perspective

Even though US Tribes have only 2% of the total U.S. land base, tribal lands have enough potential natural resources to power 5% of the national energy generation; therefore, renewable energy projects can help to save our planet for a clean energy future. After more than 15 years, Sandra has supported the Department of Energy's Indian Energy Program and created Sandia's Indian

Energy Internship Program. While Sandia National Laboratories is part of the team, the tribal leaders drive their own strategic energy plans and Sandra supports the tribes' planning processes. Sandra's past interns have made an impact through their STEM careers and continue to seek higher education endeavors. Sandra will share her personal story of her rewarding career.

ABOUT Sandra Begay

Sandra Begay (Navajo) is a Principal Member of the Technical Staff at Sandia National Laboratories where she leads Sandia's tribal technical efforts for renewable energy development. Sandra received a Bachelor of Science - Civil Engineering degree from the University of New Mexico. She worked at Lawrence Livermore National Laboratories before she earned a Master of Science - Structural Engineering degree from Stanford University. Sandra has been at Sandia for 25 years.

Sandra is a recent recipient of the National Action Council for Minority Engineering – Alumni Circle Award. Sandra also received the American Indian Science and Engineering Society's Life-time

Achievement Award; the University of New Mexico's 2007 Zia Alumnus Award; the 2005 UNM School of Engineering Distinguished Alumnus Award; the Stanford University 2000 Multicultural Alumni of the Year Award and Sandra was selected as a recipient of the Governor's Award for Outstanding Women from the New Mexico Commission on the Status of Women.

Sandra is recognized in a book, "Changing Our World: True Stories of Women Engineers" specifically in the chapter "Women in Power", which describes her effort to provide electricity through solar panels and other alternative energy solutions to hundreds of remote homes on the Navajo Nation.

