DOE / SANDIA INDIAN ENERGY – INTERNSHIP PROGRAM

Immersion into Indian Energy

2017 Overview - Statistics

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- 38 undergraduate & graduate interns have participated.
  - 21 different tribal affiliations
  - 19 different majors
  - 24% of the interns were converted to year-round status (9 of 38)
  - 16% of the interns were hired as FTEs or Sandia contractor (6 of 38)
  - 63% female interns (24 of 38)

Intern Gathering at Navajo Energy Summit – Flagstaff, AZ
Pictured: Debby Tewa, Suzanne Singer, Terry Battiest, Len Necefer, Carson Pete, Sandra Begay, Thomas Jones

Type of Work for Former Interns

- Tribal related work (15 of 30)
- Non-tribal Engr/ Science work (10 of 30)
- Non-STEM work (4 of 30)
- Seeking employment (1 of 30)

Graduation Rate of All Interns

- (8) Enrolled Students
- (30) Graduated
Where are the IE / Sandia former interns working?

Internship graduates working on DOE or energy related activities:

✓ Serves as new Navajo Nation’s tribal utility renewable energy engineer
✓ Serves as DOE National Lab - Sandia Corporate Planner, NM
✓ Serves as DOE National Lab – Sandia Corporate Planner, CA
✓ Served as DOE National Lab - Sandia corporate procurement representative
✓ Serves as DOE National Lab - Sandia R&D engineer
✓ Served as DOE Wind Program Manager; now in private industry
✓ Served as past Navajo Nation’s tribal utility renewable energy engineer; successful implemented Navajo’s EECBG ARRA funds & TEP funds.
✓ Serves as a private commercial scale PV design engineer
✓ Serves as a tribal solar and energy efficiency consultant
✓ Serves as Taos Pueblo environmental staff
✓ Serves as Taos Pueblo community planner
✓ Serves as technical tribal energy sub-contractor, DOE Office of Indian Energy (2)
✓ Serves as community energy coordinator NGO

Of the current graduate student research (past & current interns):
✓ Researching barriers to development for Alaska Natives (DOE IE)
✓ Researching large scale off-shore wind energy turbines (NSF Fellow)
✓ Researching tribal climate change mitigations and adaptations (EPA Fellow)
✓ Pursuing renewable energy systems designs (DOE National Lab - NREL)
✓ Researching Pueblo leadership decision making (Kellogg Foundation Fellow)

US Engineering Institutions awarding the most engineering Bachelor degrees to AI/AN (interns’ universities):
✓ Arizona State
✓ University of Oklahoma
✓ New Mexico State
✓ North Carolina State
✓ Northern Arizona University
✓ South Dakota School of Mines and Technology
✓ University of New Mexico

View Internship Interviews
https://energy.gov/indianenergy/resources/education-and-training/college-student-internship-program