

*Exceptional service in the national interest*



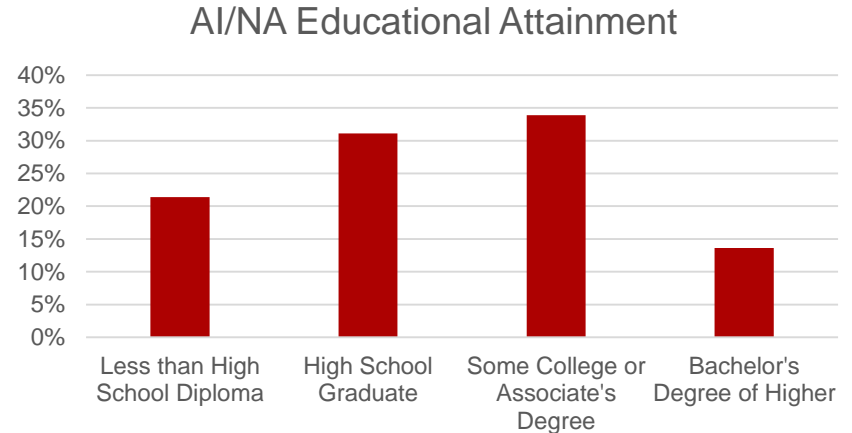
# The Current State of STEM Education for American Indian and Alaska Native Communities



Sandia National Laboratories is a multi-program laboratory managed and operated by Sandia Corporation, a wholly owned subsidiary of Lockheed Martin Corporation, for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-AC04-94AL85000. SAND NO. 2011-XXXXP

# Native American/Alaska Native Educational Attainment

- AI/AN students have the lowest graduation rate among any minority group.
- Only 47 percent of AI/AN students attended public high schools where the full range of mathematics and science courses were offered (2011-2012).
- Only 7 of 100 AI/AN kindergarten students will earn a bachelor's degree.

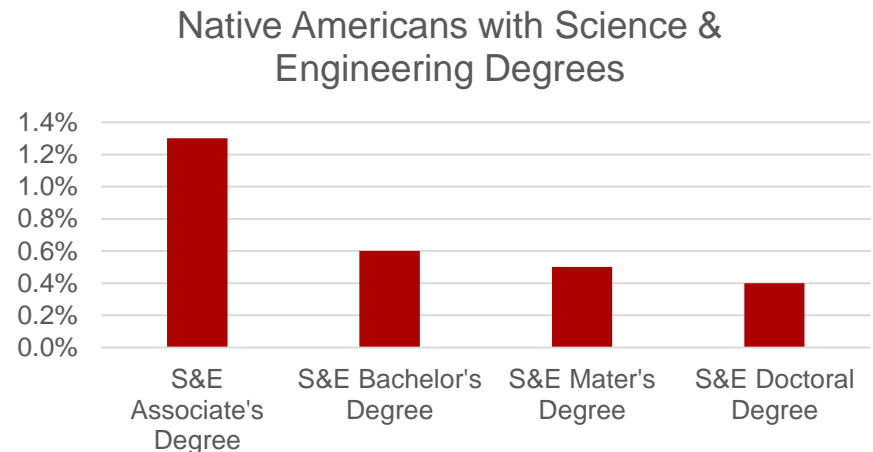


- AI/AN students have less access to rigorous mathematics and science coursework in high school compared to other race/ethnicity groups.

# Native American/Alaska Native STEM Education

- American Indian & Alaska Native STEM Students
  - 0.3% (3 out of 1,000) AI/AN in the US Engineering workforce (2010)
  - 0.07% (1 out of 13,000) AI/AN women in the US Engineering workforce
  - Approximate Average/year US Engineering degrees awarded between 2001 – 2013: 300 BS, 75 MS, 10 PhD

- American Indians/Alaska Natives are underrepresented in S&E at the bachelor's, master's, and doctoral levels.



# Native American/Alaska Native STEM Workforce

- American Indians and Alaskan Natives are not prevalent in engineering.
- Although they make up 1.2% of the total population, they represent only 0.4% of all engineering bachelor's degree recipients, 0.3% of the engineering workforce, and 0.1% of all engineering faculty (NACME 2015 Report).

