ANSEP
ALASKA NATIVE SCIENCE & ENGINEERING PROGRAM
ANSEP Components

- **MIDDLE SCHOOL ACADEMY**
  - 6th, 7th, and 8th grade

- **STEM CAREER EXPLORATIONS**
  - Returning Middle School Students

- **ACCELERATION ACADEMY**
  - 8th - 11th grade

- **SUMMER BRIDGE**
  - Incoming University Freshman

- **UNIVERSITY SUCCESS**
  - Undergraduate Students

- **GRADUATE SUCCESS**
  - Graduate Students
Quantitative and Qualitative External Evaluation

Building Alaska’s Science and Engineering Pipeline

Evaluation of the Alaska Native Science & Engineering Program
Middle School Academy
ANSEP 8th Grade Math Completion

- ANSEP algebra 1 or higher: 77%
- ANSEP geometry or higher: 39%
- All students nationally algebra 1 (2009): 26%
Acceleration Academy
Acceleration Academy
95% of students advance 1 level or more in math or science each summer
Summer Bridge
Summer Bridge
ANSEP Summer Bridge
Building a Strong Foundation for University and Professional Achievement

95% of students successfully transition to science or engineering BS degree programs

Participants 1998 - 2014
ANSEP University Success

University Support:

• Weekly meetings
• Group study (Recitation)
• Academic Advising
• Professional Development - Mentoring and Networking
• Academic Community
• Financial Aid
ANSEP University Success

Percentage of ANSEP students who have graduated or are currently enrolled

75%
ANSEP
ALASKA NATIVE SCIENCE & ENGINEERING PROGRAM
How did ANSEP start?

Pre-college: 10 Computers and 10 Students in Kotzebue
Where is ANSEP now?

70 partners

2,000 + students from middle school to Ph.D.

Endowed chair

ANSEP building
What do ANSEP partners do?
Challenges

Building a National Model for Excellence in Indigenous American Higher Education Programs
Where is ANSEP going?
Students can earn 40+ university credits by high school graduation toward a variety degree programs

- Reduce time to a college degree
- Save students & families a year or more in college costs
- Save millions in General Fund expenditures annually
- Increase economic opportunities