ANSEP
ALASKA NATIVE SCIENCE & ENGINEERING PROGRAM
Bio

Michael Bourdukofsky

- From St. Paul Island, AK
- ANSEP & UAA Alum, Civil Engineering (2003)
- Working with ANSEP since 2007
ANSEP History

- Founded in 1995 by Dr. Herb Schroeder
- Started as an Engineering Scholarship Program
- Evolved into a longitudinal model that provides a continuous string of academic components
- Over 2,500 students from 6th grade to the PhD level are engaged with ANSEP
- ANSEP students represent more than 100 Alaskan communities
Middle School Academy
Middle School Academy

- 77% ANSEP algebra 1 or higher
- 39% ANSEP geometry or higher
- 26% All students nationally algebra 1 (2009)
STEM Career Explorations

**MIDDLE SCHOOL ACADEMY**
6th, 7th, and 8th graders

**STEM CAREER EXPLORATIONS**
Returning Middle School Students

**ACCELERATION ACADEMY**
8th - 11th graders

**SUMMER BRIDGE**
Incoming University Freshmen

**UNIVERSITY SUCCESS**
Undergraduate Students

**GRADUATE SUCCESS**
Graduate Students
STEM Career Explorations
Acceleration Academy

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Two Types of Acceleration Components

- Anchorage & Mat-Su (Full-time)
- Summer (5-weeks)

Benefits & Outcomes

- Earn two years or more of college credits
- Save thousands of dollars in college attendance costs
- Eliminate college remediation
- When scaled, save the state millions in general funds towards education
- 8th grade to baccalaureate degree in six years
Summer Bridge

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Summer Bridge
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Summer Bridge

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

Participants 1998 - 2014
University & Graduate Success

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

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  8th - 11th graders

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University & Graduate Success
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University & Graduate Success
of ANSEP students have graduated or are currently enrolled.
Questions?