



# ANSEP

## ALASKA

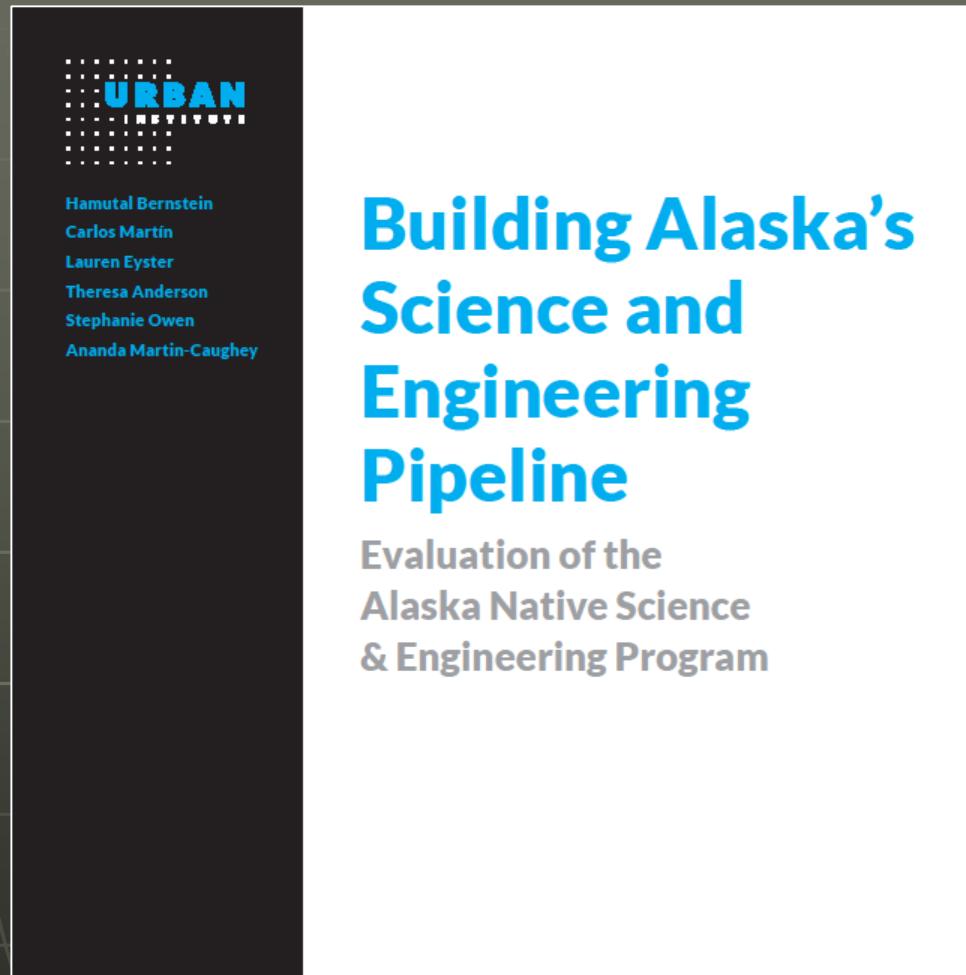
## NATIVE

### SCIENCE &

### ENGINEERING

### PROGRAM

# Quantitative and Qualitative External Evaluation



**URBAN**  
INSTITUTE

Hamatal Bernstein  
Carlos Martin  
Lauren Eyster  
Theresa Anderson  
Stephanie Owen  
Ananda Martin-Caughey

## Building Alaska's Science and Engineering Pipeline

Evaluation of the  
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

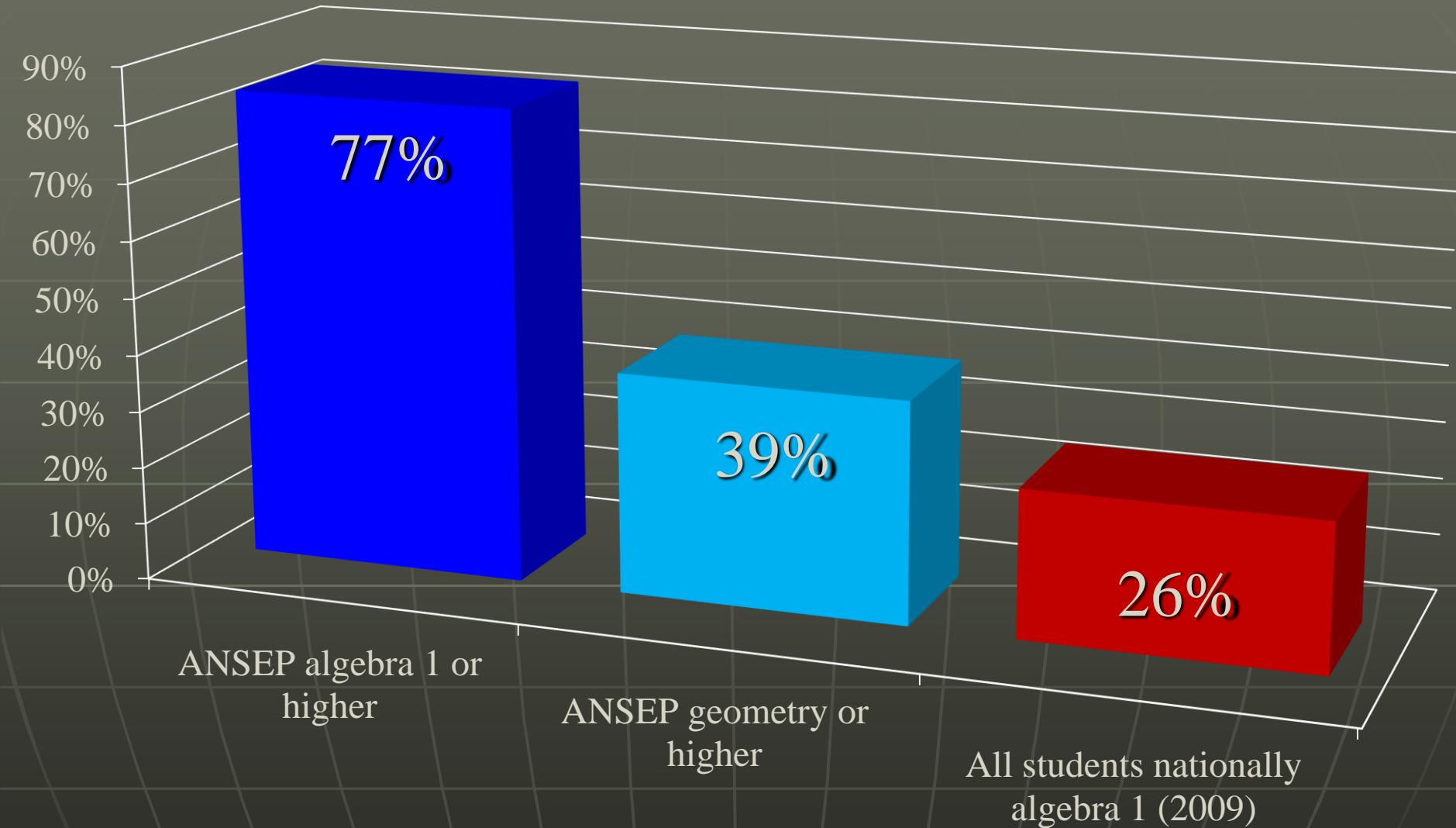
Incoming University Freshman

## UNIVERSITY SUCCESS

University Students

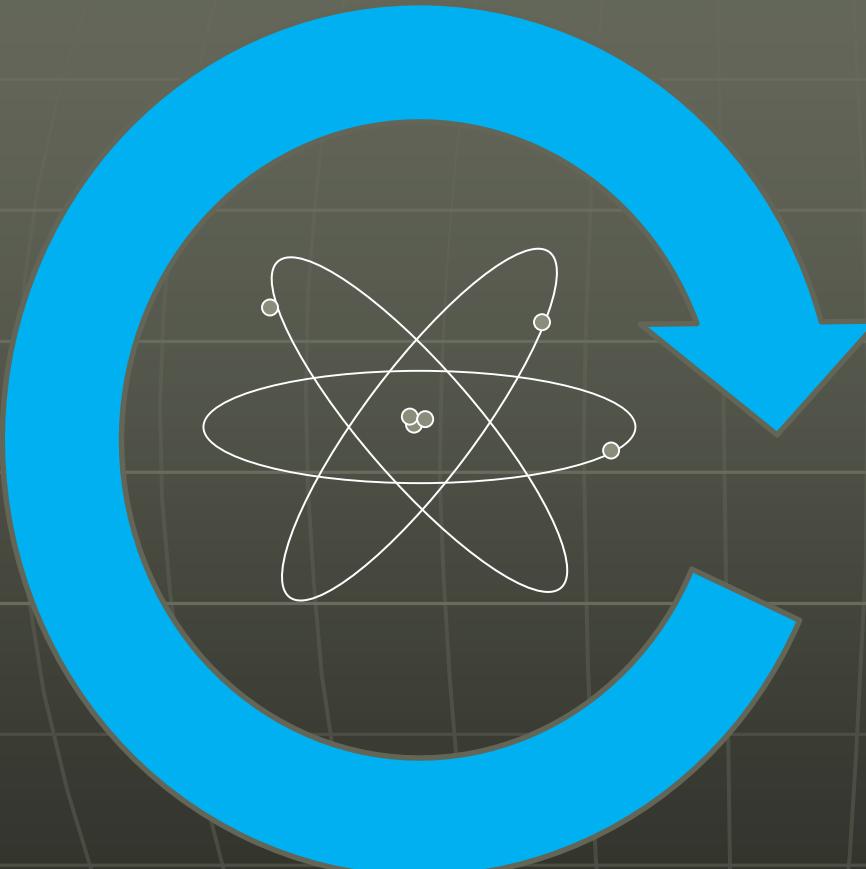


# ANSEP 8<sup>th</sup> Grade Math Completion



# ANSEP High School Acceleration Academy

*Advanced Academics and Career Exploration*

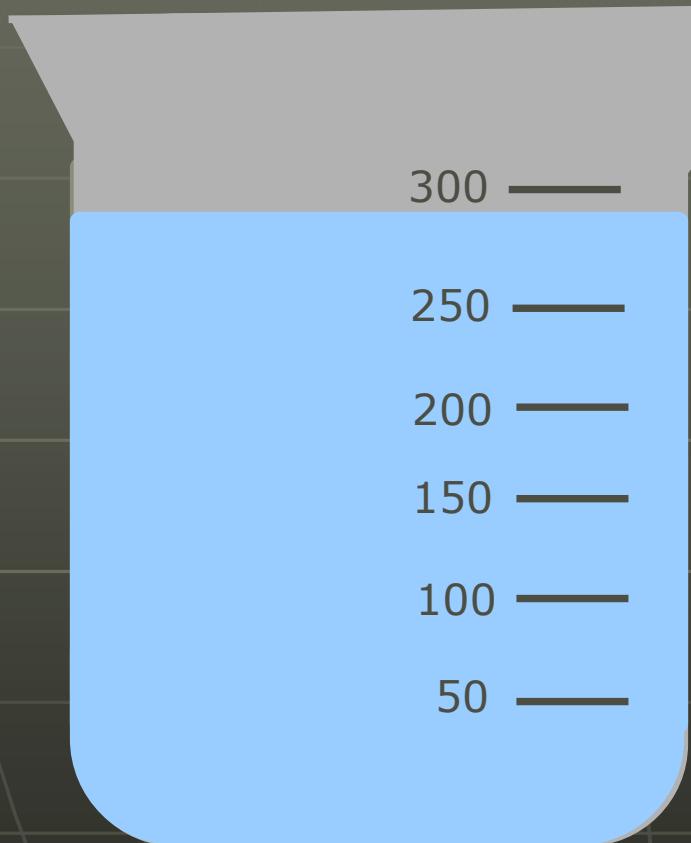


**95%**

of students advance 1  
level or more in math or  
science each summer

# ANSEP Summer Bridge

*Building a Strong Foundation for  
University and Professional Achievement*

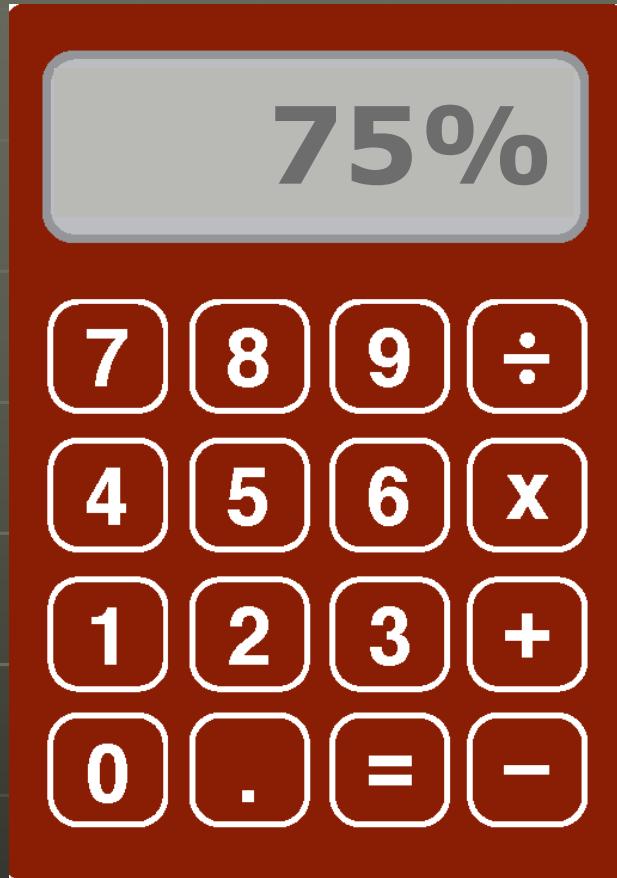


95%

of students successfully  
transition to science or  
engineering BS degree  
programs



# ANSEP University Success



Percentage of ANSEP  
students who have  
graduated or are currently  
enrolled

## MT. EDGEcumBE ANSEP ACCELERATION HIGH SCHOOL

HS Diploma  
**3 Years**



BS Degree  
**3 Years**

8th Grade to  
Professional  
**6 Years**

**\$5.9 Million**  
Annual savings  
to the State of  
Alaska

By serving 400  
students  
each year

State of Alaska  
General Fund Cost Per  
Student to  
Graduate from HS<sup>1</sup>

\$108,084  
4 Years

\$81,063  
3 Years

State of Alaska  
General Fund Cost Per  
Student for  
the University of Alaska<sup>2</sup>

\$70,700  
4 Years

\$53,000  
3 Years

■ Current Mt. Edgecumbe HS  
■ Mt. Edgecumbe ANSEP Acceleration HS

**University Credits  
by HS Graduation**

**46** BS Science or  
Engineering

**39** BBA Management

**39** BA Elementary  
Education

**29** BS Psychology