



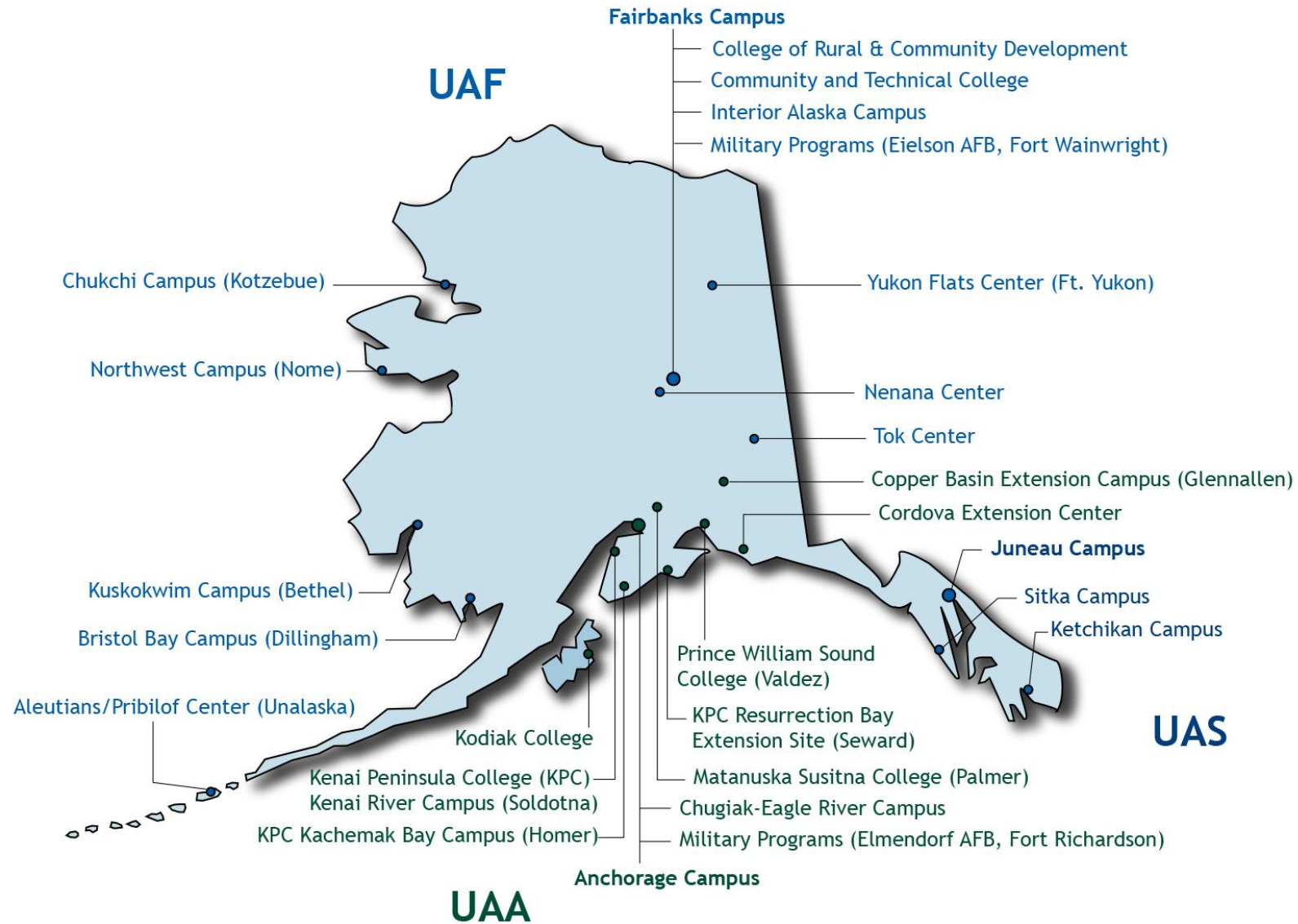
University of Alaska Technical Vocational Education Program

Teri Cothren
Associate Vice President

House Labor & Commerce Committee

February 21, 2020

UA provides 92% of postsecondary education in Alaska

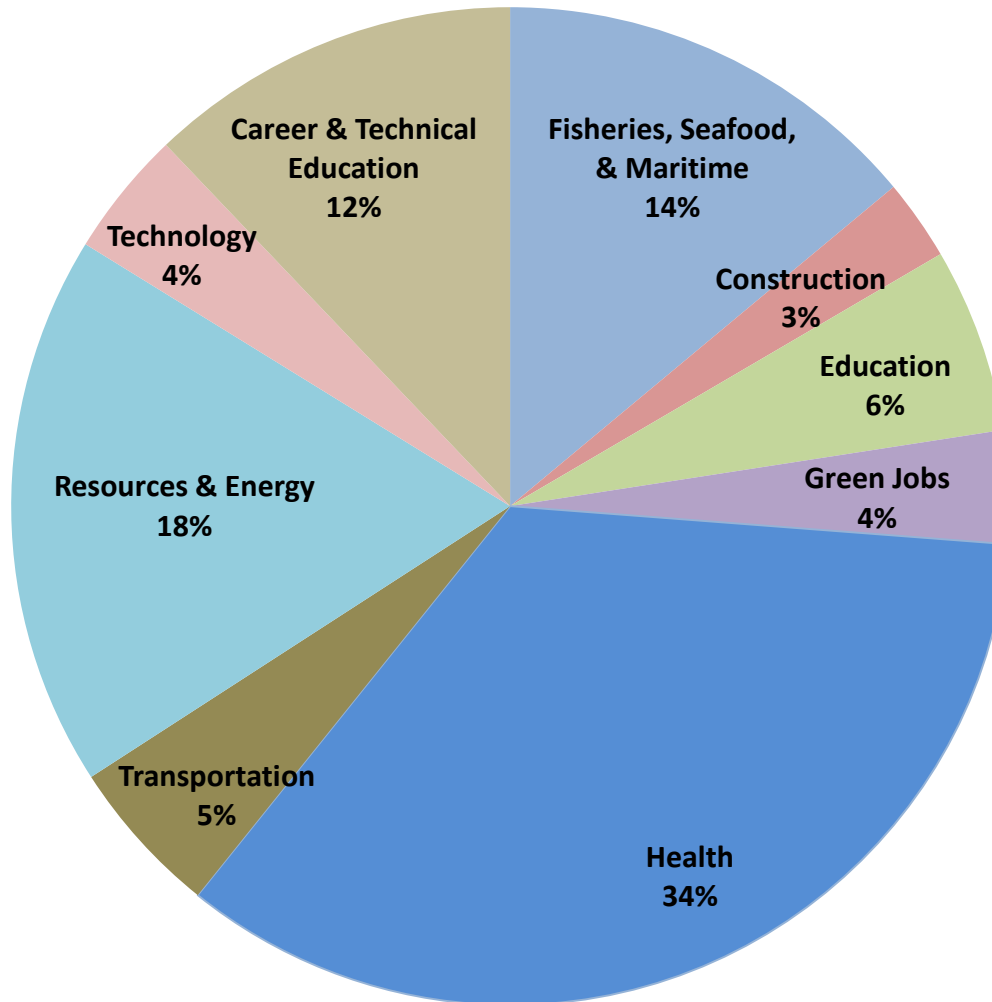


UA TVEP Process

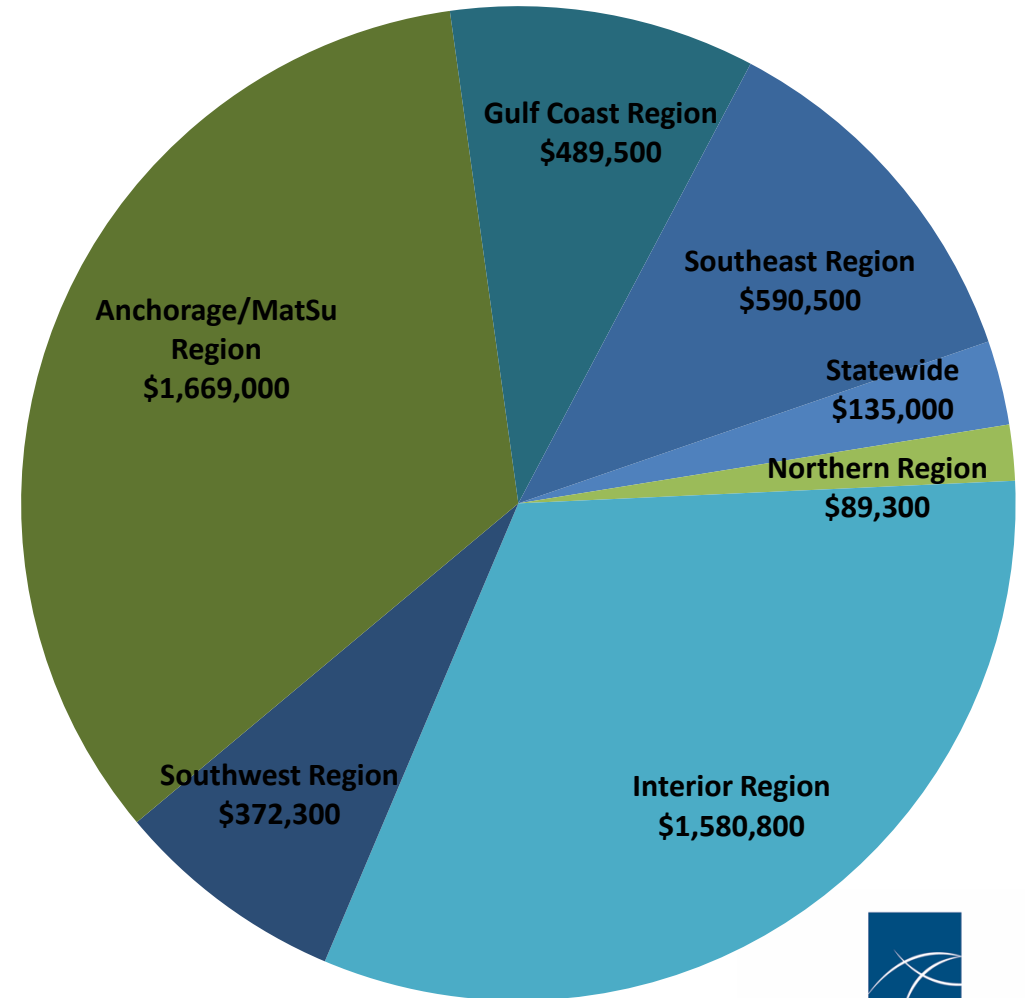
- Competitive RFP Process
- Funding Priorities:
 - Aligned with TVEP statutes
 - Responsive to industry
 - Strategic one-time infrastructure/equipment investments
 - Develops and enhances partnerships

UA FY19 TVEP ~\$4.9M Funding Distribution

Supports High Priority Industries



Supports All Alaska Economic Regions





Oil & Gas



Mining



Aviation

UA TVEP FY19 Outcomes

- Adults served = 4,216
- High school students served = 276
- **Total students served = 4,492**
- Supports UA's ability to be responsive to Alaska's high-demand industries
 - Oil & Gas
 - Mining
 - Health
 - Aviation
 - Maritime

Oil & Gas – TVEP Investments & Outcomes

INVESTMENTS

- Expand access to fabrication, manufacturing, and 3D printing
- Improve welding program alignment across campuses
- Develop/deliver BS degree in Occupational Safety & Health
- Lease of state-of-the art shop and classroom space for process technology
- Well Control training

OUTCOMES

Time Period



TVEP Investment



Graduates



Engineering, non-destructive testing, OSH,
process tech, welding, & well control programs



UNIVERSITY
of ALASKA
Many Traditions One Alaska

Oil & Gas – Student Success

UAF Process Technology Student Ryan McCarty

As a journeyman carpenter, Ryan was looking to change careers and interested in becoming a process operator. After completing his first two semesters in the program Ryan interned over the summer with Alyeska at Pump Station 9, gaining valuable experience. During his third semester, Ryan applied and was hired by Petro Star at their new Fairbanks fuel terminal. He will be graduating with a Process Technology A.A.S. degree spring 2020 while already working in the industry.



Mining – TVEP Investments & Outcomes

INVESTMENTS

- Delivery of hard skills mine training camps
- Millwright program expansion – dual enrollment and statewide delivery through partnerships

OUTCOMES

Time Period



TVEP Investment



Graduates



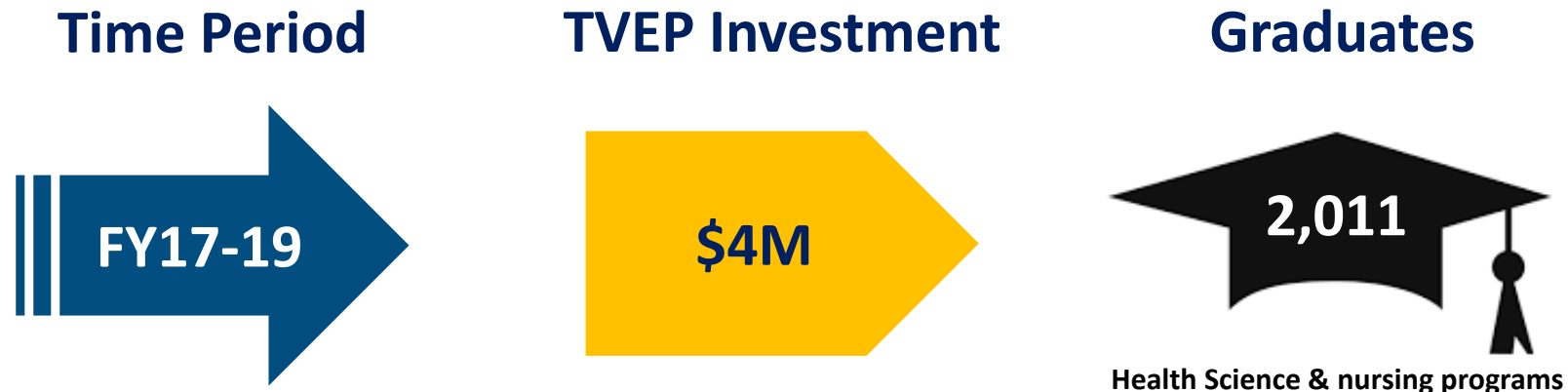
Engineering, millwright, mine training,
& power technology programs

Health Sciences – TVEP Investments & Outcomes

INVESTMENTS

- High-demand health program development and/or expansion
- State-of-the-art simulators and instructional technology
- Student-centered advising, tutoring, and summer bridge programs
- Pre-medicine programs

OUTCOMES

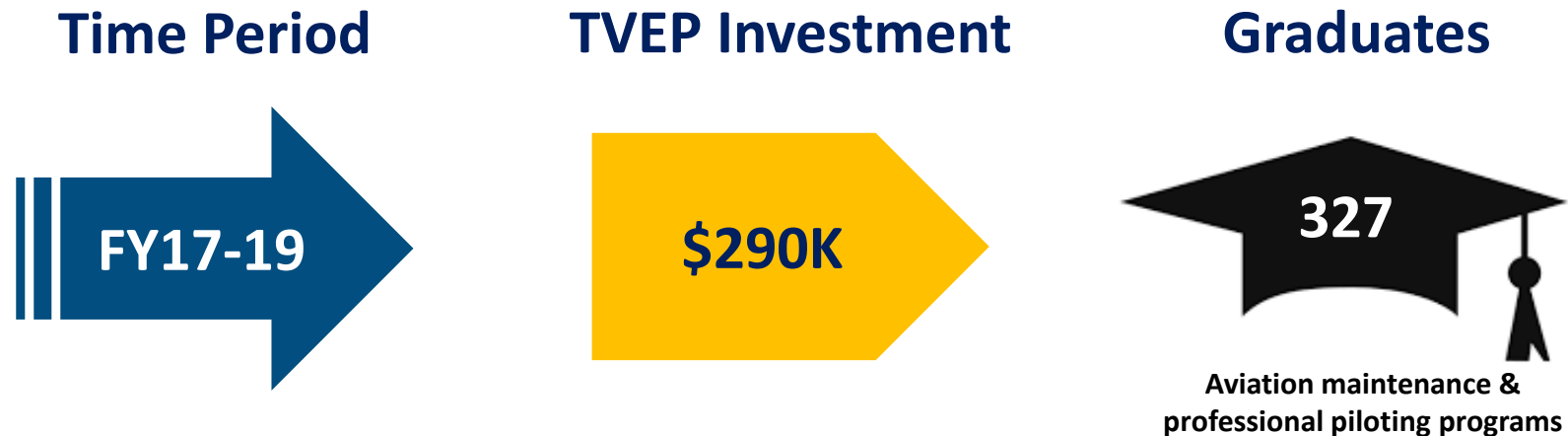


Aviation – TVEP Investments & Outcomes

INVESTMENTS

- Airplanes, equipment, and technology upgrades
- Flight simulator
- Aviation maintenance apprenticeships

OUTCOMES



Maritime – TVEP Investments & Outcomes

INVESTMENTS

- Maritime program development and expansion
- Development of career awareness resources
- Equipment and technology upgrades
- Portable maritime training to expand access

OUTCOMES

Time Period



TVEP Investment



Graduates



Annual average from fisheries, maritime,
& seafood harvesting/processing programs

Maritime – Student Success

UAF Alaska Sea Grant Seafood Processing Leadership Institute Completer Sam Nothstine

Sam Nothstine, an expediter at Kwik'pak Fisheries in Emmonak, Alaska, received professional development in seafood processing to enhance his leadership skills in preparation for advancement in the industry.



Conclusion

UA strongly supports the reauthorization of TVEP (HB 235)

This allows us to address Alaska's workforce needs by:

- Creating and supporting pathways to postsecondary education
- Delivering high-demand programs
- Providing professional development for the existing workforce

Thank you

Teri Cothren

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Workforce Development

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