

# SYNTHESIS OF FOUNDATION FORUM PARTICIPANT FEEDBACK TO UA EMERGING PRIORITIES (OCTOBER – DECEMBER 2016)

Best Ways for UA to Catalyze Alaska’s Greatest Possibilities			
<p>(Draft) Priority 1 Creating a Culture of Edu. &amp; Broad Access to its Opportunities &amp; Benefits</p> <ul style="list-style-type: none"><li>▪ Embrace the story of Alaska – what has been and what is unique and exciting about being Alaskan, based largely and authentically on the values, language, and culture of Alaska Natives.</li><li>▪ Catalyze whole systems change in a new, totally aligned Alaskan K-20 education system.</li><li>▪ Design grassroots, generation-long campaign on the value of learning for a lifetime – curiosity, innovation, adaptation, and interaction.</li><li>▪ Promote education as the path to economic and social prosperity and resilience.</li></ul>	<p>(Draft) Priority 2 Growing a Workforce for Alaska</p> <ul style="list-style-type: none"><li>▪ Outline, visualize, and project what a robust, vital Alaskan workforce would look like (AND, potentially, descriptors of the new UA).</li><li>▪ Catalyze/incubate Alaska’s venture capital culture.</li><li>▪ Deepen the cultural value of education to retain more in-state learners and attract more outside people to train in Alaska.</li><li>▪ Lead, integrate, and leverage the study of/interaction with the arctic.</li><li>▪ Redesign/reinterpret the meaning of college</li></ul>	<p>(Draft) Priority 3 Leading Research Relevant to Alaska and the Arctic</p> <ul style="list-style-type: none"><li>▪ Strengthen partnerships with Alaska Natives</li><li>▪ Demonstrate an Alaskan AND global value proposition</li><li>▪ Become indispensable to industry, federal agencies, and military partners</li><li>▪ Expand/extend the scope of UA research</li><li>▪ Focus on climate change adaptation</li><li>▪ Shape Federal policy formation and the science that follows</li><li>▪ Systematize data collection, interpretation, and sharing</li><li>▪ Integrate knowledge, study, and work</li><li>▪ Promote agriculture</li><li>▪ Leverage Alaskan power microgrid as a worldwide energy model</li></ul>	<p>(Draft) Priority 4 Building on Alaska’s Knowledge Base to Grow and Diversify our Economy</p> <ul style="list-style-type: none"><li>▪ Deepen relationships with industry and provide the space, coaching, analysis and cross-disciplinary interaction to foster innovation and entrepreneurship.</li><li>▪ Focus research, innovation, teaching, and learning on Alaskan growth industries: cold climate research, 3-D printing with metal, power and communication, and agriculture.</li><li>▪ Mirror the new economy by pursuing a collaborative, cross-disciplinary approach to teaching and learning to innovate and adjust quickly.</li><li>▪ Embrace the adoption of artificial intelligence as a disruptive force that changes the university and the state’s economy</li></ul>
Suggested Partners			
Alaska Natives ♦ Alaskan Native development agencies ♦ Business in key sectors, especially in sectors needing proximity to Asia ♦ State leaders, agencies, and federal agencies ♦ Energy, aerospace, and defense industries ♦ K-12 system; tribal schools and systems; teachers ♦ Families, parents, and alumni ♦ Key private foundations			
Cross-Cutting Themes			
Focus on who and what is uniquely Alaskan ♦ Integrate the whole education system ♦ Demonstrate adaptability ♦ Invest in and leverage research and innovation ♦ Prize relationships, collaboration, and cross-disciplinary approaches to everything ♦ Catalyze a culturally rich, vibrant community where people want to locate, learn, work, play, and stay ♦ Look beyond Alaska – globally for opportunities			

# EXPLORING THE INTERSECTION TO FOSTER A VITAL, ROBUST ALASKA: ALASKA'S GREAT POSSIBILITIES AND THE UNIVERSITY'S GREAT CAPABILITIES

## KEY THEMES

- \* FOCUS ON WHO AND WHAT IS UNIQUELY ALASKAN  
LOOK BEYOND ALASKA TO OUR GLOBAL IMPACT.
- \* INTEGRATE THE WHOLE EDUCATION SYSTEM
- \* DEMONSTRATE ADAPTABILITY
- \* INVEST IN AND LEVERAGE RESEARCH AND INNOVATION
- \* PRIZE RELATIONSHIPS, COLLABORATION, AND CROSS-DISCIPLINARY APPROACHES
- \* CATALYZE CULTURALLY RICH, VIBRANT COMMUNITIES WHERE PEOPLE WANT TO WORK, PLAY & STAY

## OUR CHALLENGE: Prioritizing Bold Ideas & Developing a Critical Mass of Bold Actions!

## KEY PARTNERS

- \* ALASKAN NATIVES
- \* ALASKAN NATIVE DEVELOPMENT AGENCIES
- \* BUSINESS IN KEY SECTORS, ESPECIALLY IN SECTORS NEEDING PROXIMITY TO ASIA
- \* STATE LEADERS, AGENCIES
- \* KEY FEDERAL AGENCIES
- \* ENERGY, AEROSPACE, AND DEFENSE INDUSTRIES
- \* K-12 SYSTEM; TRIBAL SCHOOLS - SYSTEMS; TEACHERS
- \* FAMILIES, PARENTS AND ALUMNI
- \* KEY PRIVATE FOUNDATIONS

## STRATEGIC POSSIBILITIES

### CREATE A CULTURE OF EDUCATION & BROAD ACCESS TO ITS OPPORTUNITIES & BENEFITS

Embrace the story of Alaska – what has been and what is unique about it, exciting about being Alaskan, shared largely and authentically on the values, language, and culture of Alaska Natives. Catalyze whole systems change new, totally aligned Alaskan K-20 education system.

\* Design a grassroots, nation-long campaign on the use of learning for a lifetime.

Promote education as the path to economic and social prosperity and resilience.

### GROW A WORKFORCE FOR ALASKA

\* Outline, visualize, and project what a robust, vital Alaskan workforce would look like.

\* Catalyze/incubate Alaska's venture capital culture.

\* Deepen the cultural value of education to retain more in-state learners and attract more outside people to train in Alaska.

\* Lead, integrate, and leverage the study of/interaction with the arctic.

\* Redesign/reinterpret the meaning of college

### LEADING RESEARCH RELEVANT TO ALASKA & THE ARCTIC REGION

\* Strengthen partnerships with Alaska Natives

\* Demonstrate an Alaskan AND global value proposition.

\* Become indispensable to industry, federal agencies, and military partners.

\* Expand/extend the scope of UA research.

\* Systematize data collection, interpretation, and sharing; integrate knowledge, study, and work.

\* Focus on climate change adaptation.

\* Shape federal policy on key issues and science that follows.

\* Promote agriculture.

\* Leverage Alaskan power microgrid as a worldwide energy model.

### BUILD ON ALASKA'S KNOWLEDGE BASE TO GROW & DIVERSIFY OUR ECONOMY

\* Deepen relationships with industry to provide the space, coaching, analysis and cross-disciplinary interaction to foster innovation and entrepreneurship

\* Focus Alaskan growth industries on cold climate research, 3-D printing with metal, power, communication, and agricultural

\* Mirror the new economy by pursuing a collaborative cross-disciplinary approach to teaching and learning to innovate and adjust quickly

\* Embrace the adoption of artificial intelligence as a disruptive force that changes the university and the state's economy

## ENVIRONMENTAL FORCES & CHALLENGES

\* Alaska has a high cost of living and goods, construction

\* We have a history of employment without education

\* The post-secondary certification path is long and slow; the university is hard to navigate and not *customer friendly*

The education pipeline is misaligned and full of structural barriers

\* Too few high school students pursue post-secondary credentials

\* There are significant remediation needs

\* The state's public resources are tailing off; stakeholders are working through historic economic shift

\* The state's innovation capabilities according to many studies are very limited

\* Civic engagement is limited on key challenges

\* The shape and the required "core" of future talent needs are very unclear; the state lacks a clear goal for education

\* Many rural and Alaskan Native students are struggling or lagging academically

\* There are unresolved tensions and historic trauma still unresolved for many Alaskan Native peoples

\* There is untapped potential among Alaskan Natives

\* Too many outside groups, institutions leading much of critical Alaska research

\* There are significant shortages of talent: teachers,

nurses, doctors, Ph.Ds, researchers, and entrepreneurs

\* There are large broadband inequities in rural areas

\* State's innovation capabilities and capital according to many studies are very limited

\* The business impact and economic opportunities of the UA are not well known to others