



University of Alaska

*Building A Culture of Education
for Alaska*

Joint House & Senate Education Committee

February 7th, 2018



UNIVERSITY
of ALASKA
Many Traditions One Alaska

Today's Agenda

P12 - University Partnerships

- Teacher Education
- Student Outreach

Administrative Cost Effectiveness

- Efficiency Reviews Update

Improving Student Experience



P12 University Partnerships



P12 University Partnerships

UA is partnering with secondary education in two broad areas:

- *Teacher Education – Preparing Quality Alaskan Educators; Developing Effective Pedagogies*
- *Student Outreach – Supporting and Increasing Post-Secondary Educational Attainment in Alaska*



P12 University Partnerships

Creating alignment between UA, the Department of Education and Early Development (DEED), and local school districts:

- Increase academic rigor
- Expand concurrent / dual enrollment
- Increase college/work readiness
- Increase college going and completion
- Reduce required developmental coursework
- Improve educator preparation, recruitment, and retention

Quarterly meetings - Joint State Board of Education and UA Board of Regents Committee

Regular meetings with Alaska Council of School Administrators

P12 representation on UA College of Education Advisory Council



Teacher Education

Teachers have one of the most important jobs in Alaska

- Currently we are preparing just 30% of the new teachers hired in Alaska each year; districts spend \$20M/year on recruitment
- Annual teacher turnover in rural Alaskan school districts approaches 50%
- By 2025, we want 90% of all new teachers to be educated in Alaska

Teacher Education

- Undergraduate & Graduate Education
- Student Teaching Internships & Practicums
- Teaching Grants
- Paraprofessional Support
- Alaska Statewide Mentoring Project
- REACH UP – Science Curriculum
- Educators Rising – National Program

Student Outreach

- Alaska Middle College School
- Alaska Native Science & Engineering Program (ANSEP)
- Dual & Concurrent Enrollment
- Jump Start
- King Career Center – Tech Prep
- Community & Technical Colleges – UAA & UAF
- TRIO Upward Bound



Student Financial Support

- UA Scholars Program
 - Top 10% of high school graduates
 - \$12,000 for tuition at any UA campus
 - Funded through UA Land Grant Endowment
- Alaska Performance Scholarships
 - 3 award levels \$2,300-\$4,800 per year
 - ~ \$12 million awarded annually
- Alaska Education Grant
 - Needs based \$500-\$400 per year
 - ~ \$6 million awarded annually





Administrative Cost Effectiveness



Past & Current Efficiency Reviews

Date	Title	Authors
Feb 2008	<u>Planning the Future: Streamlining Statewide Services in the UA System</u>	Terrence MacTaggart Brian Rogers
Jan 2011	<u>University of Alaska Review</u>	James Fisher
Sep 2015	<u>Statewide Transformation Report</u>	Various
Jan 2016	<u>Strategic Pathways</u>	Ongoing
Sep 2017	<u>Review of Past UA Systemwide Studies</u>	Dennis Jones Aims McGuinness

Last year, Dennis Jones and Aims McGuinness of the National Center for Higher Education Management Systems (NCHEMS) reviewed the often cited MacTaggart/Rogers and Fisher reports to assess the relevance and status of the recommendations made.



Strategic Planning

- Past reports recommended system wide strategic planning with metrics and linkages between system and campus goals
- We've done this through **Strategic Pathways** and the development of the Board of Regents 5 strategic objectives
- The UA system and its universities have goals & measures between 2018 - 2025
- Allows annual performance to be measured within each goal



Past & Current Efficiency Reviews

Summary (From Jones and McGuinness, NCHEMS, September 2017)

Much progress has been made in implementing recommendations made in the two reports we reviewed. And the work is on-going, much of it in the context of Strategic Pathways and in our engagement with you. System level expenditures have been substantially reduced often through devolution of some functions to campuses; there are few if any examples of Programs (in MacTaggart's terms) remaining at the System level. Strategic Pathways is addressing the question of what Services should be provided at the System level. Several of our comments and conclusions focus on the Governance category in MacTaggart's schema. There is no question about the location of Governance responsibility at the System level. There is, however, need for better understanding of the functions that are of central importance within the rubric of governance. We have called out the items listed below as deserving of special attention as the Board and System staff work through the nuances of providing policy leadership. It is in this broad arena where the agenda could stand additional attention. Again, steps are being taken but the job is not completed. The items on the list are:

- Definition/building consensus around strategic priorities*
- Delineation of institutional missions*
- Strategic budgeting and finance*



Strategic Pathways

How do we optimize our statewide system to achieve our goals for higher education in Alaska?

OUR MISSION		"The University of Alaska inspires learning, and advances and disseminates knowledge through teaching, research, and public service, emphasizing the North and its diverse peoples." (Regents' Policy 01.01.01)		
OBJECTIVE		Maximize value to Alaska through excellent, accessible, and cost effective higher education funded by diverse and growing revenue sources		
CORE PRINCIPLES		Focus, Access, Diversity, Excellence, Consistency, Fiscal Sustainability		
STRATEGY		Prepare, Restructure, Implement, Refine		
WHO WE ARE		UA ANCHORAGE Comprehensive metropolitan university in Alaska's economic hub, with primary focus on workforce development through its several regional community campuses	UA FAIRBANKS Research university renowned for leadership in Arctic and the North, with additional focus on workforce development and community and rural education	UA SOUTHEAST Comprehensive regional university focused on interdisciplinary & marine-oriented programs, teacher education, e-Learning, and workforce development
CAMPUS LEAD FOR THE STATE*	<i>Research</i>	Social and economic sciences, health policy	Arctic science and policy, physical, biological, and social sciences, engineering and applied energy	Interdisciplinary / environmental
	<i>Teaching</i>	<ul style="list-style-type: none">Health professionsBusiness and public policyEconomicsLogisticsProject Management	<ul style="list-style-type: none">Physical, natural, and related sciencesArctic / Northern StudiesRural development / tribal managementDoctoral educationMine trainingFisheries and ocean sciences	<ul style="list-style-type: none">Marine-oriented programs (including joint programs with UAF)Teacher education (administration)Interdisciplinary degrees/ degree completionEmphasis on regional workforce priorities, e.g., mine training.
	<i>Outreach</i>	<ul style="list-style-type: none">Aligned with Research and Teaching Focus		
COURSES / PROGRAMS AVAILABLE ACROSS THE UNIVERSITY SYSTEM		<ul style="list-style-type: none">Common General Education RequirementsLiberal Arts and HumanitiesSocial Sciences & Natural SciencesNursingEngineeringDistance Education / E-LearningCareer and Technical Education	<ul style="list-style-type: none">Alaska Native StudiesTeacher EducationManagementMine trainingWide choice of non-major coursesDual credit with K-12Developmental Education	

Rev: November 2017

* Research, teaching, and outreach at campuses other than the "lead" campus that are of high quality, cost effective, and core to mission, will continue to be provided.



UA Goals & Measures 2018-2025

	2017 (baseline)	2018	2019	2020	2021	2022	2023	2024	2025
1. Contribute to Alaska's economic development									
Increase STEM graduates	1,636	1,720	1,810	1,905	2,005	2,110	2,221	2,337	2,460
Increase # invention disclosures	17	19	21	23	25	27	29	31	34
2. Provide Alaska's skilled workforce									
Increase % of UA trained educators hired	30%	35%	40%	45%	50%	60%	70%	80%	90%
Double number of health program completions	874	912	1,002	1,100	1,209	1,328	1,459	1,602	1,760
3. Grow our world class research									
Lead the world in Arctic related research	1	1	1	1	1	1	1	1	1
Increase research expenditures	\$159m	\$167m	\$175m	\$184m	\$193m	\$203m	\$213m	\$224m	\$235m
4. Increase degree attainment									
Increase enrollment	29,171	*29,171	31,000	33,000	35,000	37,500	40,000	42,500	45,000
Increase completions	4,594	4,800	5,200	5,800	6,600	7,500	8,400	9,400	10,400
5. Operate more cost effectively									
Decrease total cost of education (indirect and direct) per completer	\$107.3	\$102.5	\$94.7	\$87.5	\$80.9	\$74.8	\$69.1	\$63.8	\$59.0
Increase annual completions per FTE	23/100	24/100	25/100	27/100	28/100	30/100	31/100	33/100	35/100

*FY18 projected enrollment is 27,823



Institutional Missions

- Prior reports suggested campuses be defined by their unique strengths, audiences and geographical reach
- **Strategic Pathways** developed around this general premise – and helped to validate and improve these assumptions
- Critical to establishing proper division of responsibilities and line of authority between statewide administration and campuses

System vs Campus Authority

- Reports identified need to create precise and agreed upon responsibilities, accountability, and authority between system and campus leadership
- Specifically - Governance, Services and Programs
- Identify functions that should be centralized at statewide and those better decentralized at the campus level
- Reduction of 30-40% in system wide functions was identified as a goal; goal achieved



System vs Campus Reductions

Headcount Fall 2014 (FY15) ⁽¹⁾

	SW	UAA	UAF	UAS	Total
Regular	239	1,795	2,127	349	4,510
Leadership ⁽²⁾	34	75	71	12	192
Faculty	0	629	649	114	1,392
Staff	205	1,091	1,407	223	2,926
Temporary	52	1,714	1,846	308	3,920
Adjunct Faculty	6	666	358	118	1,148
Staff	20	316	426	56	818
Student	26	732	1,062	134	1,954
Total Headcount	291	3,509	3,973	657	8,430

Headcount Fall 2017 (FY18) ⁽¹⁾

	SW	UAA	UAF	UAS	Total
Regular	163	1,605	1,818	303	3,889
Leadership ⁽²⁾	28	66	57	11	162
Faculty	0	569	544	106	1,219
Staff	135	970	1,217	186	2,508
Temporary	24	1,563	1,581	190	3,358
Adjunct Faculty	0	585	338	62	985
Staff	6	262	347	38	653
Student	18	716	896	90	1,720
Total Headcount	187	3,168	3,399	493	7,247

Change in Headcount (FY15-FY18)

	SW	UAA	UAF	UAS	Total
Regular	-76	-190	-309	-46	-621
Temporary	-28	-151	-265	-118	-562
Total Headcount	-104	-341	-574	-164	-1,183
% Change	-36%	-10%	-14%	-25%	-14%

1. Employees with active assignments as of Oct 1st 2014 and 2017.

2. Includes Academic Leaders (12 month regular faculty excls FR).

Key Observations

- 1,183 fewer employees than three years ago.
- Largest reductions have occurred at Statewide Administration and in administrative and academic leadership positions on campus.
- UGF funding of the System Office (Statewide) has been reduced by \$11 million, or 37% compared to a 14% reduction for the entire UA system.

Funding

- Statewide headcount has been reduced by 36% compared to a 14% reduction for the entire UA system.



System vs Campus Authority

Board of Regents	Statewide Administration	Universities
<p><i>Set university-wide higher education goals and ensure they are met</i></p> <ul style="list-style-type: none">• govern the university• set systemwide goals• set policy, approve programs, and authorize degrees• protect UA's assets• select and evaluate the president• approve the budget• advocate for the university	<p><i>Lead systemwide planning and implementation of programs and services to meet the state's higher education goals</i></p> <ul style="list-style-type: none">• support the Board of Regents• set regulations in support of Regents' Policy• oversee and provide statewide level academic planning, administrative services and other functions as the single corporate body of the university	<p><i>Achieve state's goals through direct programs and services to students, research agencies, and communities</i></p> <ul style="list-style-type: none">• select and evaluate faculty & staff• plan, propose, oversee, and deliver academic, research, and service programs• provide local administrative services• provide student support programs and services including financial aid, housing, food service, advising, recreation, community engagement, and career guidance• raise private funds in support of the university's mission

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System vs Campus Authority

- System office supports Regents, focuses on state needs, and provides cost effective administration
- Non-duplicated SW functions include IT, audit, labor relations, financial reporting, government relations, debt, treasury, payroll, risk management, general counsel, and health/benefits administration
- University Foundation and Land Management Office are largely self-funded

System vs Campus Authority

- Functions that directly impact students and faculty stay at the campus level
- Mining and Petroleum Training Services (MAPTS) and K-12 Outreach have been moved to campuses
- Executive Council, Summit Team, and 12 Systemwide Councils have been established to coordinate, share information, and implement improvements across the system

Budget Development

- Reports identified the need to improve budget development between statewide and campuses
- Regents set goals, then Statewide administration works with campuses to identify strategies and needed resources
- Budget increments are tied to specific strategic goals down to the campus level
- Budget reduction plans are co-developed with campuses

Salary Schedules

- Fisher recommended a move away from OSU salary benchmark and to move to peer institutions that reflect the different missions of our 3 campuses
- Peers have been identified
- Comprehensive salary & benefits survey underway
- Across the board freezes for FY18 & FY19
- Challenges for our competitiveness

Retention & Graduation

- Fisher recommended UA President make *“improvement of retention and graduation one of his highest priorities”*
- Board of Regents has done exactly that
- Achieving our 65% by 2025 goal requires significant investment and progress in student recruitment, retention, and completion

Curriculum

- Fisher recommended common general education core across the campuses
- We are making good progress here
 - Aligning General Education Requirements (GERs) across all campuses
 - Establishing system wide policy for transfers
 - Establishing system wide standards for college readiness and developmental education



Career & Technical Education

- Reports identified the need to clearly distinguish our vocational, career and technical education
- We've acted by creating distinct Career & Technical Colleges at UAA and UAF
- Prioritizing workforce needs – 65% by 2025
- Reports recommend pricing community college rates below other degree program
- FY19 budget proposing CTE tuition off-set



Information Technology

- Reports identified IT as needing special attention with regard to system/campus responsibilities
- System provides bandwidth, connectivity, security, standardization; campuses provide individual program/user functionality

Information Technology

- IT engaging stakeholders to integrate technology plans and initiatives
- Systemwide encouraging integration, automation of business processes to improve efficiencies
- Digital document imaging, student ID card access, emergency alert, travel automation, business intelligence dashboard visibility for data analysis.
- Systemwide focused on security monitoring



Information Technology

- IT successfully reduced broadband connectivity cost
- Investments being made in process improvement and automation
- Transition underway to new version of enterprise software in preparation for moving to “the cloud”
- Ongoing review of organizational issues





Improving Student Experience



Improving Student Experience

- Budget cuts negatively impact student facing services; FY19 budget includes resources to replace those services
- New on-line student access gateway provides students easier access to courses and programs statewide
- New readiness assessment allows for faster, and more targeted developmental work
- Math Emporium and other innovations in developmental programs

Improving Student Experience

- New Education Advisory Board (EAB) student success initiative will provide data based advising and increase retention
- Title IX compliance creating safer campuses
- Course sharing between universities increases opportunities for students
- Progress being made on common calendar (semester start / end dates and breaks are now common)
- Additional on-line programs for non-traditional students

Improving Student Experience

- e-Learning was focus of Pathways process
- Increased cross campus collaboration through e-Learning Consortium
- 106 programs can be fully completed online
- In FY17, an average of 4.3 e-Learning credits taken per student – an increase of 43% since FY13
- Approximately one-third of students enrolled at more than one campus
- Exploring outsourcing of some online programs

Improving Student Experience

- UAA is looking to pilot digital content for class materials in 25 of the highest enrolled courses
- Digital is higher convenience and lower cost solution for student
- Potentially higher institutional costs for digital library, database subscriptions, online access to research journals and publications
- Many faculty identify free online resources to supplement or replace traditional textbooks



APPENDIX



Strategic Investment by Objective

	State	Non-State ⁽¹⁾	Total
1. Contribute to Alaska's economic development	\$1,620.0	\$1,650.0	\$3,270.0
A. Increase STEM graduates	\$1,000.0	\$1,650.0	\$2,650.0
B. Increase the number of invention disclosures	\$620.0		\$620.0
2. Provide Alaska's skilled workforce	\$2,130.0	\$1,650.0	\$3,780.0
A. Increase % of educators hired	\$1,230.0		\$1,230.0
B. Double number of health program completers	\$900.0	\$1,650.0	\$2,550.0
3. Grow our world class research	\$3,700.0	\$9,850.0	\$13,550.0
A. Continue leading the world in Arctic research	\$1,320.0	\$2,760.0	\$4,080.0
B. Increase research expenditures	\$2,380.0	\$7,090.0	\$9,470.0
4. Increase degree attainment	\$7,255.0	\$2,390.0	\$9,645.0
A. Increasing enrollment	\$5,610.0	\$2,090.0	\$7,700.0
B. Increasing completions	\$1,645.0	\$300.0	\$1,645.0
5. Operate more cost effectively	\$0.0	\$0.0	\$0.0
TOTAL	\$14,705.0	\$15,540.0	\$30,245.0

1. May include State pass-through funding (e.g. from state agencies through inter agency receipts).

