

**01/30/13  
PRESENTA-  
TION:  
STATE OF  
THE  
UNIVERSITY  
OF ALASKA**

<TARGET><BILL></BILL><SUBJECT>01-30-13 PRESENTATION  
STATE OF THE UNIVERSITY OF  
ALASKA</SUBJECT><COMM>SEDC28</COMM></TARGET>



UNIVERSITY  
*of* ALASKA

*Many Traditions One Alaska*

# State of the University

Joint Meeting of the House and Senate

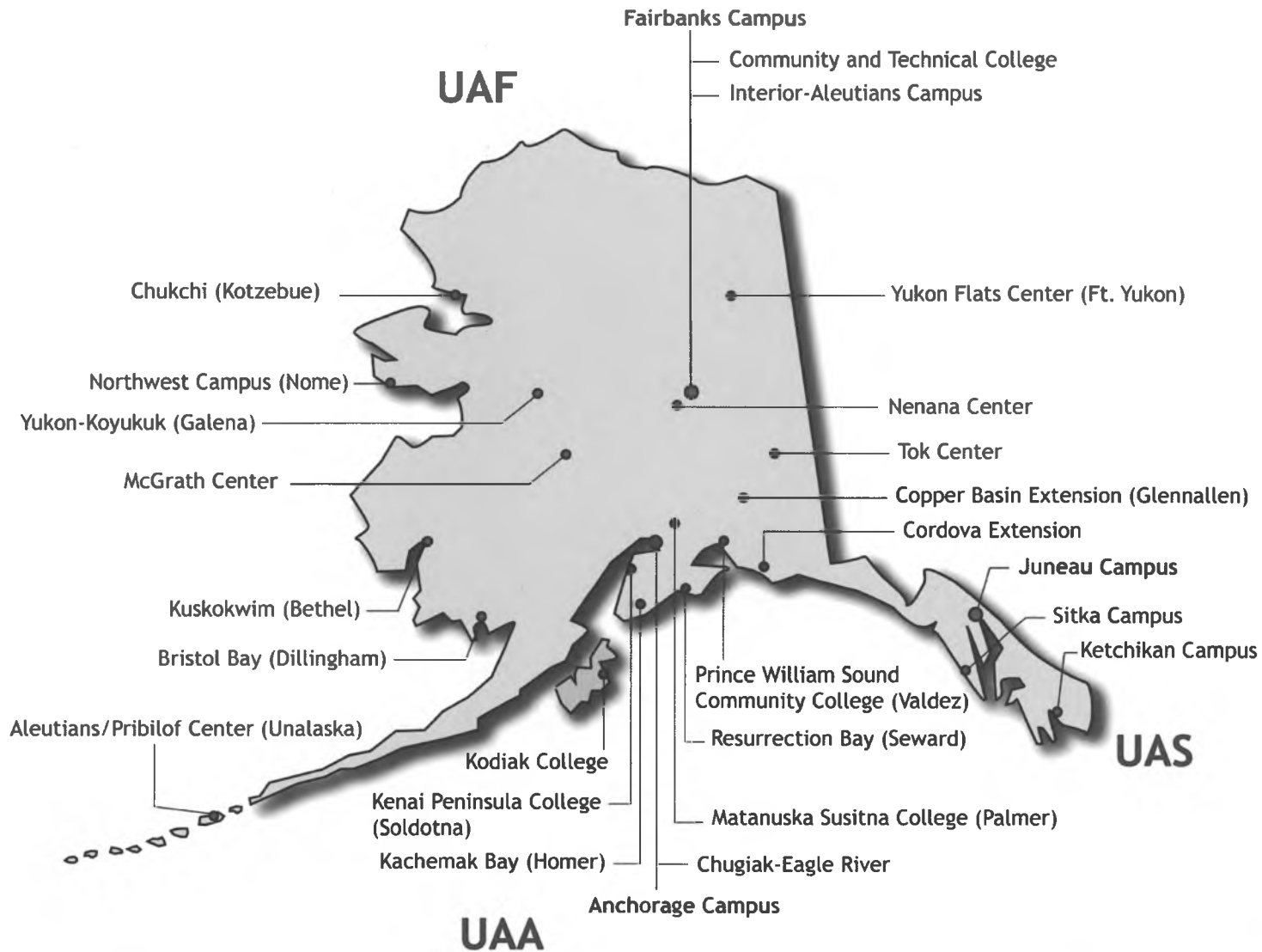
Education Committees

January 30, 2013

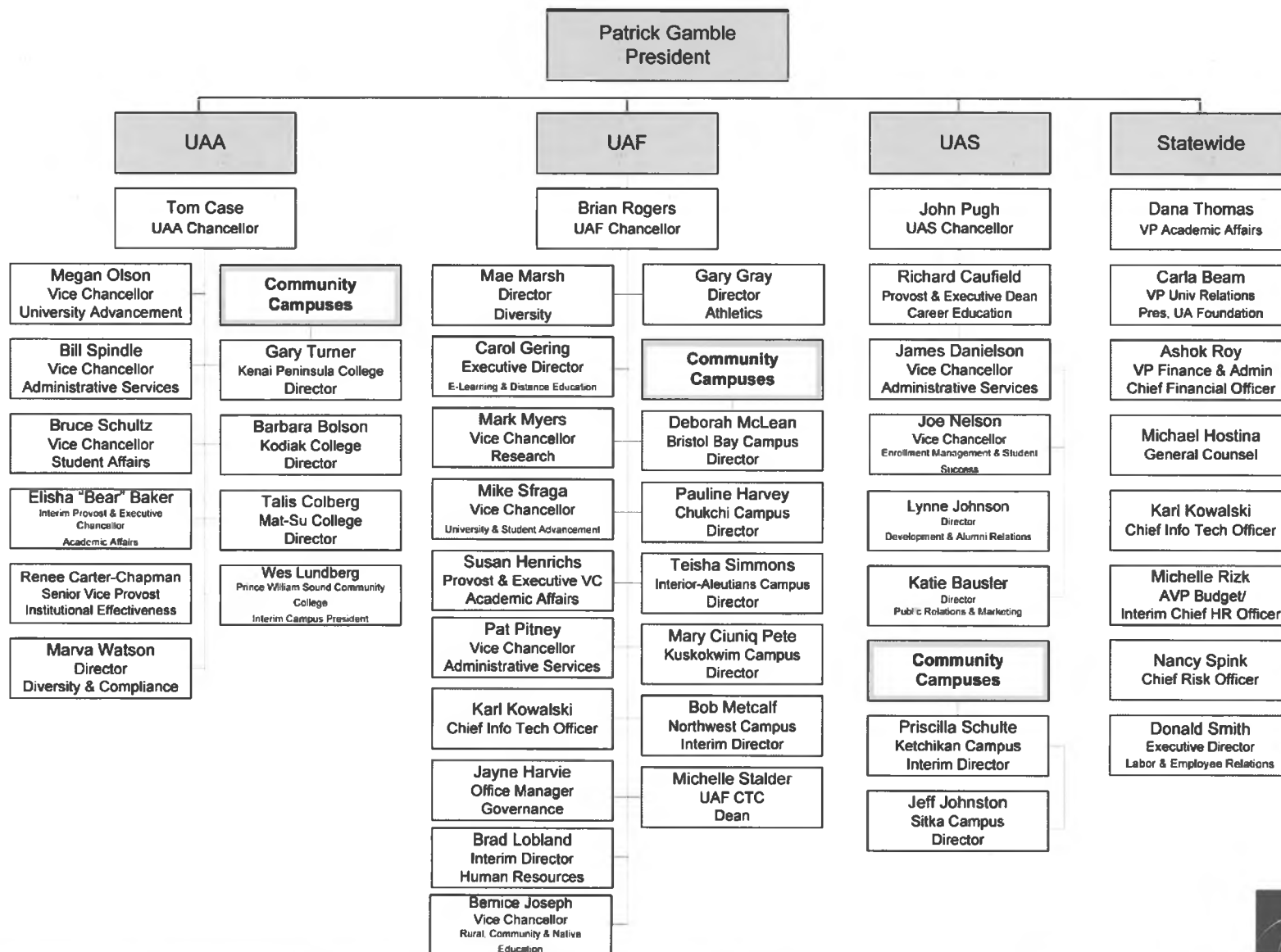


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# Many Traditions, One Alaska



# UA Organizational Chart



# UA's Mission

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*"The University of Alaska inspires learning, and advances and disseminates knowledge through teaching, research, and public service, emphasizing the North and its diverse peoples."*



# Who Are We?

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- 34,000 students; more than 50 nationalities
- 3 urban campuses; thirteen community campuses; numerous outreach centers
- More than 500 degrees
- 4,174 graduates (FY12)



# Core Competencies

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- Higher Education
  - PhD
  - MA/MS
  - BA/BS
  - AA
- Workforce Development
  - Licenses
  - Certificates
  - Skilled labor training
  - Industry partnerships
- Research and Development (R&D)
  - State needs
  - Federal needs
  - International needs
  - Economic needs
- Cultural Priority and Integration
- Community Partners



# FY12 Report Card

## Performance Review

### From FY11

Up 4.8%		Degrees, Certificates and Endorsements	4,174 certificates & degrees awarded
Down 0.2 %		High Demand Job Area Degrees Awarded	2,905 high-demand certificates and degrees
Up 4.4%		Baccalaureate Engineering Degrees	143 engineering degrees awarded
Up 0.3%		Health-Related Awards	788 degrees awarded in health-related fields
Down 3.8%		Grant-Funded Research Expenditures	\$132.7 million
Up 2.5%		Alaska-Related Grant-Funded Research Expenditures	\$103.8 million
Down 0.3%		Non-Credit Instructional Units Delivered	15,498

# Challenges

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- Federal funding support — trending down
- State funding support – trending down
- Restrictions on internal budget reallocations
- Huge and aging facility complex
- Enrollment – leveling out
- Matching degrees and training to workforce needs
- Health care costs – unsustainable
- Bandwidth limitations – rural student impact



# Meeting UA's Challenges – Strategic Direction Initiative (SDI)

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- **Focus on Student Achievement**
- **Asking “Why...?”**
  - Standards, credit transfer – common complaints
  - Student service – “hassle factor” very high
  - Limits to e-Learning – rural impact growing
  - Tuition can't keep up with cost of doing business
- **Placing Emphasis Across UA System**
  - Value
  - Quality
  - Throughput
  - Excellence
  - Attainment
  - 3 critical years
- **Incorporate lessons learned – studies, reports**



# Major SDI Initiatives Underway Since Last Year

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- **Improved Student Services**

- Advising — e.g. MAP-Works
- UAS Honors Program
- UAA VetSuccess
- Stay on TRACK
- Educational opportunities in rural Alaska



- **Partnerships K-12**

- School board dialogues with DEED
- Alaska Middle College
- Cordova Campus relocated to Cordova High School
- Dual enrollment

# Major SDI Initiatives Underway Since Last Year

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- **Public & Private Partnerships**
  - UAS Center for Mine Training (CMT); Consolidated Alaska Mining Initiative
  - UAF Sustainable Village
  - Dillingham nursing students trained and hired locally
  - FSMI — Fisheries, Seafood, Maritime Initiative
  - P3 Dining Facility
- **Increased Alaska-Related Grant Funded Research**
  - Alaska adapting to changing environments
  - Alaska Native health research
- **Program Review**
  - Common General Education Requirements (GERs)
  - Common cut scores

# FY14 Budget Request

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## Supporting SDI Themes

- Student Achievement and Attainment
- Productive Partnerships with Alaska's Schools
- Productive Partnerships with Alaska's Public Entities and Private Industries
- R&D to Sustain Alaska's Communities and Economic Growth
- Accountability to the People of Alaska



# FY14 Operating Budget Request



# Student Achievement and Attainment

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- **Student-Focused and Service-Based**
- **Enhanced Services for Students**
  - STEM capacity increase
  - e-Learning opportunity becoming normalized across UA
  - On-line technology benefitting student services
- **Mandatory Comprehensive Advising**
  - FY13 investment results detected?
  - FY14 request with more emphasis on community campuses
- **Retention, Completion, Graduation**
- **Community Engagement**
  - K-12



UA request: \$1.6 M



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# Productive Partnerships with Alaska's Schools

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- **Supports UA's Commitment to Working with the K-12 System**
  - Cultural standards – must eventually balance with merit standards for graduation
  - MOOCs (massive open online classes) – potential for dramatic intervention
  - Testing norms: cut scores, admissions, scholarships
  - P-20W — shared database of educational experience from childhood to workforce
- **Work on “The 3 Critical Years”**
  - Strengthen the most effective bridging opportunities from high school to the University
    - Dual credit
    - Internships
    - Tech prep
    - RAHI – Rural Alaska Honors Institute
    - Summer academies
    - RRANN – Recruiting and Retention of Alaska Natives into Nursing
    - Live homework help
- **Teacher Education**
  - Alaska Teacher Placement
  - Alaska Teacher Education Consortium
  - UAA Center for Alaska Education Policy Research (CAEPR)

UA request: \$500 K

# Productive Partnerships with Alaska's Public Entities and Private Industries

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- **Leverage GF through better use of public and private partnerships**
- **Meet industry requirements job for job to fill high demand needs**
  - Health/Biomedical
  - Workforce Development – requiring higher entry standards
  - Fisheries, Seafood and Maritime Initiative (FSMI)
  - Consolidated Alaska Mining Initiative (CAMI)
- **Fostering Knowledge of Alaska Issues, Culture and History through the UA Press**

UA request: \$3.3 M

# Research and Development to Sustain Alaska's Communities and Economic Growth

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- **Create Economic Value from UA Intellectual Property**
  - UAA/UAF Offices of Intellectual Property and Commercialization
  - Venture capital
- **Focus R&D Where UA has a Competitive Advantage**
  - High performance computing
  - Specific research critically important to the Arctic and Alaska
    - Fisheries, seafood, oceans, alternative energy, mining, health care, Arctic engineering
  - Collaborative research
    - Unmanned Aerial Systems (UAS)
    - Alaska EPSCoR
    - Poker Flat



UA request: \$800 K

## UA Board of Regents' FY14 Operating Budget

(in thousands of \$)

## Governor's Proposed Operating Budget

	State Approp.	Receipt Auth.	Total	State Approp.	Receipt Auth.	Total
<b>Base - FY13 Operating Budget</b>	363,712.8	560,632.7	924,345.5	363,712.8	560,632.7	924,345.5
<b>Adjusted Base Requirements</b>						
<i>Compensation Increases</i>	7,692.1	7,692.1	15,384.2	7,692.1	7,692.1	15,384.2
<i>New Facility/Additions Estimated Operating Costs</i>	3,107.0	346.2	3,453.2	2,817.0	346.2	3,163.2
<i>Lease and Debt Service Costs</i>	382.9	3,020.0	3,402.9		3,020.0	3,020.0
<i>Other Cost Increases<sup>1</sup></i>	2,040.0	2,165.0	4,205.0			
<b>Subtotal-Adjusted Base Requirements</b>	<b>13,222.0</b> 3.6%	<b>13,223.3</b> 2.4%	<b>26,445.3</b> 2.9%	<b>10,509.1</b> 2.9%	<b>11,058.3</b> 2.0%	<b>21,567.4</b> 2.3%
<b>High Demand Program Requests</b>						
<i>Student Achievement and Attainment</i>	1,556.1	320.8	1,876.9			
<i>Productive Partnerships with Alaska's Schools</i>	543.6	73.4	617.0			
<i>Productive Partnerships with Alaska's Public and Private Industries</i>	3,273.5	1,015.8	4,289.3			
<i>Health/Biomedical</i>	1,155.6	433.0	1,588.6			
<i>Workforce Development</i>	1,031.1	245.0	1,276.1			
<i>Fisheries, Seafood and Maritime Initiative (FSMI)</i>	396.8	125.0	521.8			
<i>Consolidated Alaska Mining Initiative (CAMI)</i>	490.0	212.8	702.8			
<i>Fostering Knowledge of AK Issues, Culture &amp; History Through UA Press</i>	200.0	-	200.0			
<i>R&amp;D to Sustain Alaska's Communities and Economic Growth</i>	800.0	150.0	950.0			
<b>Subtotal- High Demand Programs</b>	<b>6,173.2</b> 1.7%	<b>1,560.0</b> 0.3%	<b>7,733.2</b> 0.8%			
<b>Budget Adjustments<sup>2</sup></b>	<b>683.8</b>	<b>4,245.0</b>	<b>4,928.8</b>	<b>(19.1)</b>	<b>1,715.0</b>	<b>1,695.9</b>
FY14 Increment	20,079.0	19,028.3	39,107.3	10,490.0	12,773.3	23,263.3
<b>Total FY14 Proposed Operating Budget</b>	<b>383,791.8</b>	<b>579,661.0</b>	<b>963,452.8</b>	<b>374,202.8</b>	<b>573,406.0</b>	<b>947,608.8</b>
% Chg. FY13-FY14 Operating Budget	5.5%	3.4%	4.2%	2.9%	2.3%	2.5%

— ZERO —

<sup>1</sup> Other cost increases: utility costs; facilities maintenance and repair; security and compliance mandates; non-personal services fixed costs

<sup>2</sup> Budget adjustments: Technical Vocational Education Program Funding (TVEP); Mental Health Trust Authority (MHT/MHTAAR); Capital improvement project receipts (CIP); UA intra-agency receipts (UA-IAR)

# FY14 Capital Budget Request

# FY14 Capital Budget

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- Deferred Maintenance (DM)
  - UAF Co-gen Power Plant
- Renewal and Repurposing (R&R)
- UAF/UAA new engineering buildings completion
- Research specific to Alaska issues



# Deferred Maintenance

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- UA floor space is 40% of ALL state facilities in Alaska
- 400+ buildings/infrastructure
- 6.7 million square feet... and growing
- \$2.6 billion adjusted value
- DM results from a chronic inconsistency to regularly fund O&M and R&R



## UA Board of Regents' FY14 Capital Budget

(in thousands of \$)

## Governor's Proposed Capital Budget

	State Approp.	Receipt Auth.	New Legis.	Total	State Approp.	Receipt Auth.	Total
<b>Deferred Maintenance (DM)/Renewal &amp; Repurposing</b>	37,500.0			37,500.0	37,500.0		37,500.0
<b>Additional DM Backlog Reduction</b>	75,000.0			75,000.0			
<i>UAF Cogen Power Plant</i>	22,000.0			22,000.0			
<i>UAS Hendrickson Remodel and Renovation</i>	3,600.0			3,600.0			
<i>DM Projects Systemwide</i>	49,400.0			49,400.0			
<b>Annual Renewal &amp; Repurposing Sustainment Initiative</b>			50,000.0	50,000.0			— ZERO —
<b>New Starts/Continuation</b>							
<i>UA Engineering Building Completion</i>	108,900.0	10,000.0		118,900.0			
<i>UAF CCHRC Sustainable Village Phase 2-4</i>		1,300.0		1,300.0	1,300.0		1,300.0
<b>Research for Alaska</b>							
<i>UAF Alaska Chinook Salmon Production and Decline</i>	3,100.0	6,200.0		9,300.0			
<i>UAF Partnership to Develop Statewide Energy Solutions</i>	5,500.0	3,000.0		8,500.0			
<i>UAF Improving Arctic Oil Spill Response Through a Dedicated Oil Spill Science &amp; Technology Center</i>	1,500.0	2,000.0		3,500.0			— ZERO —
<i>UAF Enhance Base Maps for Alaska Resources</i>	1,900.0			1,900.0			
<b>Other Capital Requests</b>							
<i>SW Replace Wide Area Network Components</i>	500.0			500.0			
<b>Total FY14 Proposed Capital Budget</b>	<b>233,900.0</b>	<b>22,500.0</b>	<b>50,000.0</b>	<b>306,400.0</b>	<b>37,500.0</b>	<b>1,300.0</b>	<b>38,800.0</b>



# Getting Control of Deferred Maintenance

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## \* Bottom Line \*

UA seriously needs programmatic solutions to acquiring annual funds for real property maintenance, R&R and DM reduction. Going back to the well each year is clearly not working in the state's best financial interest.

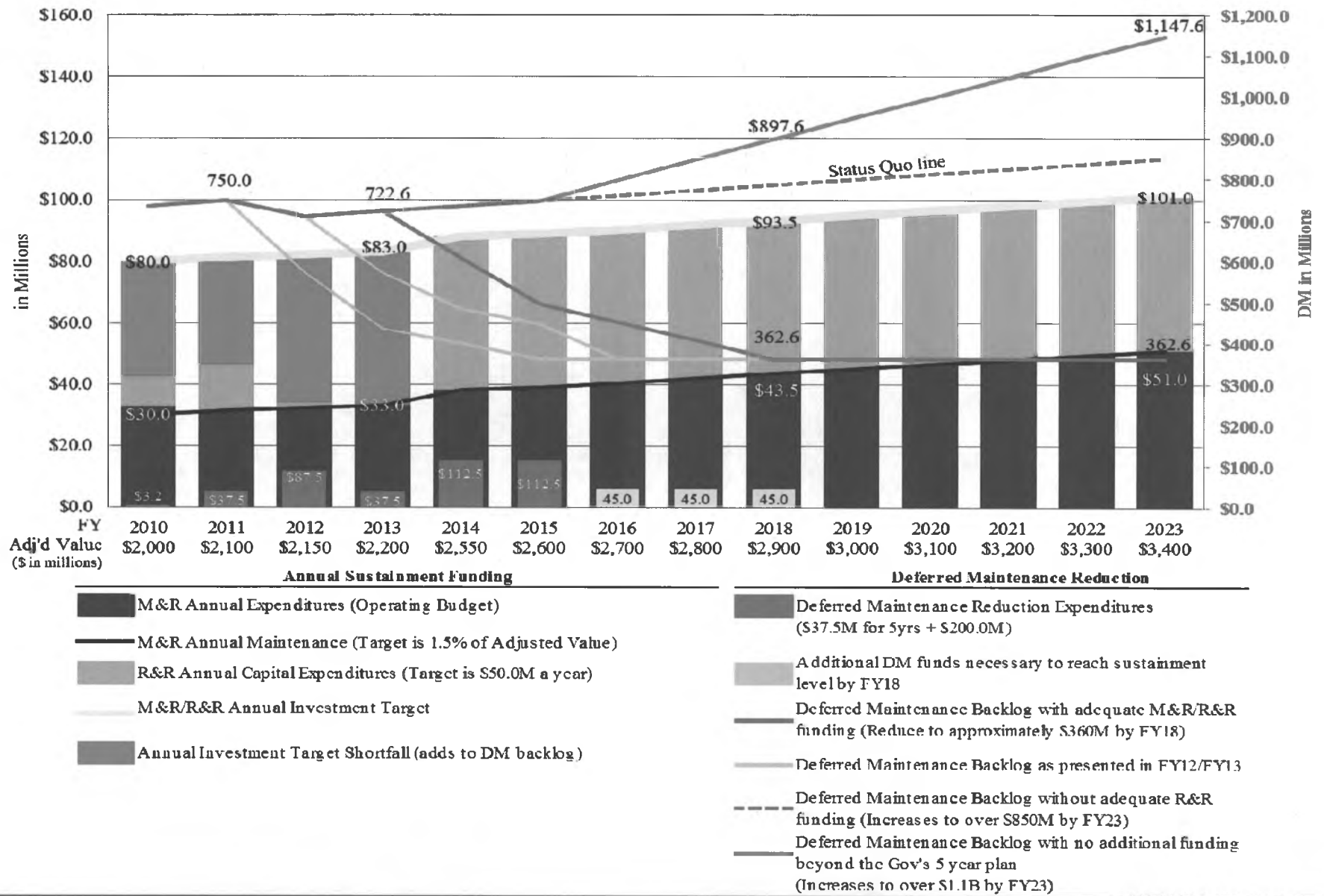
M&R

R&R

DM



# Sustainment Funding Model for UA Facilities



# A Few Words About Research



# Research for Alaska

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- Chinook salmon production and decline
- Energy technology, analysis & development
- Expanded test-bed capabilities (diesel, wind-diesel, hydro-kinetic)
- More research on geothermal, wind & biofuel
- Strategic resource digital mapping

# Federal Agencies Seek Out UA Research

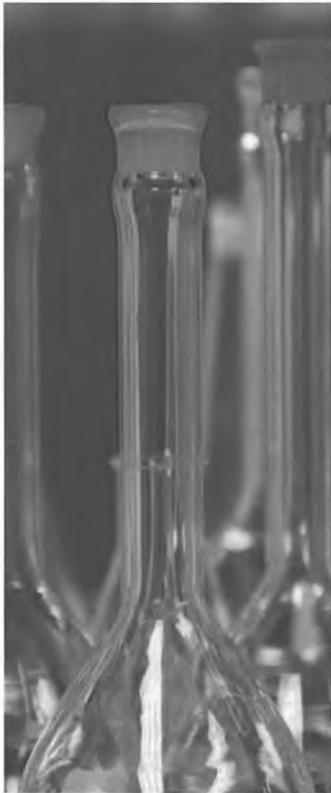
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- \$133 million external research funding
- Growing recognition that Alaska should have more involvement in circumpolar research questions and answers
- To be competitive, complimentary Alaska funding for research is needed



# Research – Economic Impacts

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- \$92 M payroll  
(50/50 split – UA & private sector)
- Alaska answers to Alaska questions
- Good value – each \$1 invested leveraged to at least \$5