UNIVERSITY of ALASKA

Many Traditions One Alaska

First Review of FY10 Operating Budget

First Review of FY10 Capital Budget

Preliminary Performance Results FY08

Board of Regents
September 18-19, 2008
Anchorage, Alaska

Prepared by Statewide Planning & Budget
450-8180

UNIVERSITY of ALASKA

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First Review of FY10 Operating Budget

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University of Alaska
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Introduction

The preliminary operating budget discussion will provide Regents with an understanding of UA's current operating budget, UA's proposed FY10 operating budget request priorities, the assumptions underlying the FY10 request, and the impact of requested priority programs on key performance goals. Administration is seeking Board of Regents' feedback on key priorities and anticipates the Board will have questions in areas requiring further clarification. Discussions will also occur regarding the upcoming "Heads Up" meeting on September 25th with the Governor's Office of Management and Budget (OMB). A copy of the "Heads Up" meeting memo from OMB is provided on page 27. One of the key areas to address is budget reductions/savings. During the meeting, administration will provide a summary of UA's cost saving measures and internal relocations. A calendar of other important upcoming dates is included on page 25. Some technical funding issues regarding the Small Business Development Center, National Guard tuition, and Graduate Medical Education and administration's advocacy efforts to advance key budget priorities will also be discussed.

Current Operating Budget Context

In FY09, $6.8 million was directed to the Board's priority program requests in health, engineering and construction management, and fisheries. Appendix G provides a listing of FY09 program investments. The FY10 budget request demonstrates an increased dependence on state funding to achieve program growth. This shift is in response to the reality that key external funding sources have been maximized and will not increase at the rate seen in the last eight years.

In the last ten years, the University of Alaska has recognized the need for priority program growth and through external revenue, internal efficiencies, and reallocations; the Board of Regents has distributed funding towards priority programs each year. Fueled significantly by external revenue sources, program investments have proven themselves. Over the last ten years UA has:

- Doubled the number of nurses - graduating over 220 qualified nurses annually in 12 locations throughout the state
- Tripled the number of qualified allied health workers, with much of the curriculum accessible via distance delivery
- Met the Process Technology workforce need with 85 graduates annually
- Started more than 100 new degree, certificate and workforce endorsement programs directly responding to Alaska's high demand jobs
- Attracted more than 60% of Alaskan college-bound high school graduates compared to 44%, i.e. attracting an additional 1,100 Alaskan college freshmen to stay in state for school each year
- Doubled the amount of externally funded research from $60.0 million in FY99 to approximately $120.0 million in FY08

FY10 Operating Budget Request and Assumptions

The proposed budget provides UA with the ability to take a critical step toward meeting the Board expectations set forth in its strategic plan and most recent budget request guidelines:

> *The State is setting its course for the next thirty years. A strong University System is a key element for the State's success. Through preparing the workforce, providing expertise and leadership in a variety of fields, and serving as the driving force for research in Alaska, the University of Alaska (UA) contributes significantly to the State's economic success and its citizen's quality of life.*
>
> *UA is committed to meeting State workforce needs by delivering programs responding to employment growth expected over the next five years as well as setting a foundation for the future. UA's competitive research capacity is remarkably situated to address State, Arctic, and global solutions, particularly in climate change mitigation and adaptation, and energy.*

The proposed FY10 operating budget request includes the necessary resources to cover adjusted base increases (i.e., contractual and fixed cost increases) plus state funding directed toward priority program enhancements and growth.

UA's FY10 operating budget request totals $895.9 million, an increase of 6.9 percent from FY09. Of the $895.9 million budget, $343.5 million is state funding and $552.5 million is university receipt authority. UA's requested state appropriation increase is $30.4 million, a 9.7 percent from $313.1 million in FY09 to $343.6 million in FY10.

The program enhancement and growth funding requests are focused in the strategic areas of K-12 bridging and partnerships, energy, engineering, climate, health programs and workforce and campus programs. The priority program enhancement and growth request includes $11.9M in state funding, and, if funded, will be complemented by additional university generated revenue of $11.8 million. These priority programs represent state funded program growth of 3.8 percent.

- K-12 Outreach funding will support partnerships with the Department of Education and school districts, as well as, summer camps, career awareness, outreach, special education teacher training, and early testing, assessment and placement. These efforts are expected to introduce more Alaskan high school students to UA and the value of higher education. This will also strengthen communication between UA high schools students and schools to assure a better transition from high school to college. Currently, the college going rate of Alaska's high school graduates is among the lowest in the nation. To meet Alaskan employers' needs for qualified workers, the state needs more of these students attending UA programs in various occupations. These occupations range from welding, marine tech, and process technology programs to health, engineering, justice and business academic programs.

- Energy, Engineering, and Climate funding will address solutions to the state's most pressing energy and climate issues, including outreach through the Alaska Cooperative Extension Service. Operating support for energy and climate provides the core expertise and support to address the needs expressed through state plans including Alaska Energy Authority (AEA), Department of Natural Resources (DNR), Department of Environmental Conservation (DEC), and the Governor's Sub-Cabinet on Climate Change. In addition to core operating support, UA's proposed capital budget includes funding for specific energy and climate projects. Funding also supports UA's final step in addressing the goal of doubling the number of undergraduate engineers by 2012. This translates to an increase from just under 100 to 200 baccalaureate engineer graduates each year.

- Health Programs funding will support biomedical capacity and UA's next step in building strong health occupation training programs. UA has accomplished significant results in health research and health instructional programs. However, the state needs and opportunities in this area are monumental and require this as well as future state investments.

- Workforce and Campus Programs will enable UA to respond to emerging industry sectors and provide additional workforce training. Funding will also support necessary campus programs, and programs aimed to increase student achievement.

Performance measure information is a key component of UA's Budget submission to the Governor's Office of Management and Budget. The long-range fiscal plan, required by law for the first time this session, will also be a significant component of UA's budget request submission. Director White will provide an update on the performance results anticipated relative to the FY10 budget request and a refined FY10 long-range fiscal plan. Further discussion will occur at the October 31st Board meeting after each MAUs' performance analyses are complete and reviewed as part of the Fall Financial and Performance reviews.

The adjusted base increment requirements include compensation, fixed cost, compliance, and new facility operating cost increases and are based on the following expectations:

- Salaries are based on negotiated contracts for union employees and the 4.5% across the board staff increase
- Employer contributions for health are expected to remain the same
- FY10 retirement rates are also expected to be the same as FY09 with the exception of ORP1, which based on the three year lagging average of the TRS employer rate will decline from 17.04% to 12.56%
- Additional operating cost increases include:
    - Contractual, commodity, travel, and facility M&R requirement
    - Utilities (based on a 10% increase in FY10 plus full funding via the existing trigger mechanism and necessary FY09 supplemental funding)

- New facility operating costs for the UAA Integrated Science Building (ISB) and Parking Garage, Bragaw Building Lease, UAF's portion of the State Virology Lab
- Compliance mandates for risk management, IT security and finance

- FY10 university generated revenue directed to adjusted base cost increases includes a three percent increase in Federal, Indirect Cost Recovery (ICR), UA receipts, and auxiliary receipts; and, a five percent increase in tuition revenue

University of Alaska
Draft FY10 Operating Budget Request Summary
(in thousands)

	State Approp.	Receipt Authority	Total
General Fund/General Fund Match	308,087.7		308,087.7
Technical Vocational Education Program Account	4,723.6		4,723.6
Mental Health Trust	295.8		295.8
Receipt Authority		525,007.6	525,007.6
FY09 Operating Budget	**313,107.1**	**525,007.6**	**838,114.7**
FY10 Operating Request Items			
Adjusted Base Requirements			
Compensation Increases (to be refined)	10,200.0	6,200.0	16,400.0
Non-Personnel Services Fixed Cost Increases	3,214.9	7,614.3	10,829.2
Compliance Mandates (personnel)	654.0	400.0	1,054.0
Utility Cost Increases [1]	1,700.0	1,100.0	2,800.0
New Facility Operating and Maintenance Costs	2,790.5	344.3	3,134.8
Subtotal - Adjusted Base Requirements	**18,559.4**	**15,658.6**	**34,218.0**
Priority Program Enhancement and Growth			
K-12 Outreach	2,628.1	500.0	3,128.1
Bridging Programs, Tech Prep and Career Awareness	*1,490.0*	*250.0*	*1,740.0*
Outreach, Testing, Placement and Teacher Preparation	*1,138.1*	*250.0*	*1,388.1*
Energy, Engineering, Climate	3,823.4	7,100.0	10,923.4
Energy and Cooperative Extension Service	*1,438.4*	*4,000.0*	*5,438.4*
Engineering	*1,560.0*	*600.0*	*2,160.0*
Climate	*825.0*	*2,500.0*	*3,325.0*
Health Programs	3,073.2	3,700.0	6,773.2
BioMed Capacity	*1,229.3*	*3,200.0*	*4,429.3*
Academic Programs	*1,843.9*	*500.0*	*2,343.9*
Workforce and Campus Programs	2,341.8	500.0	2,841.8
Workforce Programs	*1,216.5*	*200.0*	*1,416.5*
Advanced Indigenous Studies	*335.3*	*150.0*	*485.3*
Student Achievement	*790.0*	*150.0*	*940.0*
Subtotal - Priority Program Enhancement and Growth	**11,866.5**	**11,800.0** [2]	**23,666.5**
Total FY10 Increment Request	**30,425.9**	**27,458.6**	**57,884.5**
Total FY10 Operating Budget Request	**343,533.0**	**552,466.2**	**895,999.2**
% Change FY09 Budget to FY10 Request	*9.7%*	*5.2%*	*6.9%*

(1) Assumes $4.8M funding through the trigger mechanism continuing, FY09 non-general fund of $1.3M, and FY09 supplemental funding request estimated at $1.3M.

(2) NGF requires additional refinement.

University of Alaska
Draft FY10 Operating Budget Adjusted Base Detail
(in thousands)

Compensation by Employee Group	State Approp.	Receipt Authority	Total
AK. Comm. Colleges' Federation of Teachers (ACCFT)			0.0
AK. Higher Ed. Crafts and Trades Employees (AHECTE)			0.0
United Academics Faculty (UNAC)			0.0
UA Staff and Adjuncts			0.0
Compensation Subtotal	**10,200.0**	**6,200.0**	**16,400.0**
Additional Operating Cost Increases			
Non-Personnel Services Fixed Cost Increases	3,214.9	7,614.3	10,829.2
Athletics Travel	532.9	199.1	732.0
Academic and Research Travel		1,680.2	1,680.2
Facilities Maintenance and Repair Requirement	1,350.0	1,135.0	2,485.0
IT Contractual/Network	532.0		532.0
Other Fixed Cost Increases	800.0	4,600.0	5,400.0
Compliance Mandates (personnel)	654.0	400.0	1,054.0
Network Security	127.0	-	127.0
GASB Accounting Requirement	97.0		97.0
Risk Management	430.0	400.0	830.0
Utility Cost Increases *	1,700.0	1,100.0	2,800.0
New Facility Operating and Maintenance Costs	2,790.5	344.3	3,134.8
Integrated Sciences Building (ISB) (UAA)	1,454.0	-	1,454.0
ISB M&R (UAA) (Year 1 of 5, total $1.1M)	218.5	-	218.5
State Virology Lab (UAF portion)	263.0	-	263.0
Bragaw Building Lease Expense (SW)	350.0		350.0
ISB East Campus Parking Garage Oper/M&R (UAA)		141.3	141.3
ISB Support Positions (UAA)	505.0	203.0	708.0
Additional Operating Cost Increases	**8,359.4**	**9,458.6**	**17,818.0**
Total Adjusted Base Requirements	**18,559.4**	**15,658.6**	**34,218.0**

*Assumes $4.8M funding through the trigger mechanism continuing, FY09 non-general fund of $1.3M, and FY09 supplemental funding request estimated at $1.3M.

University of Alaska-Revenue Summary
Budgeted Authority and Actual Revenue by Source FY07-FY10

	Budgeted Values				Actual Values							
	FY08 Authorized	FY09 Authorized	% Change	FY10 BOR Preliminary Proposal	FY07 Actuals	FY08 Actuals	% Change	FY09 Projection	% Change FY08-FY09	FY10 Projection	% Change FY09-FY10	Net Change
State Appropriations												
General Fund	284,458.2	302,760.4		333,186.3	274,671.9	284,458.2	3.6%	302,760.4	6.4%	333,186.3	10.0%	30,425.9
General Fund Match	4,777.3	4,777.3		4,777.3	4,777.3	4,777.3	0.0%	4,777.3	0.0%	4,777.3	0.0%	-
Workforce Development	3,134.3	4,723.6		4,723.6	2,882.0	3,134.3	8.8%	4,723.6	50.7%	4,723.6	0.0%	-
Mental Health Trust	200.8	295.8		295.8	200.8	200.8	0.0%	295.8	47.3%	295.8	0.0%	-
Business License Fees		550.0		550.0				550.0		550.0		-
State Appropriations Subtotal	**292,570.6**	**313,107.1**	**7.0%**	**343,533.0**	**282,532.0**	**292,570.6**	**3.6%**	**313,107.1**	**7.0%**	**343,533.0**	**9.7%**	**30,425.9**
Receipt Authority												
Interest Income	6,960.0	8,695.2	24.9%	8,000.0	9,154.2	2,531.3	-72.3%	3,417.2	35.0%	3,451.3	1.0%	34.1
Auxiliary Receipts	45,855.1	47,044.8	2.6%	49,397.0	41,831.7	43,640.2	4.3%	45,607.4	4.5%	47,659.7	4.5%	2,052.3
Student Tuition/Fees(net)	97,002.2	103,277.9	6.5%	110,507.4	84,461.5	92,078.4	9.0%	97,603.3	6.0%	104,435.5	7.0%	6,832.2
Indirect Cost Recovery	37,286.9	37,142.3	-0.4%	38,256.6	30,937.4	30,731.6	-0.7%	30,731.5	0.0%	32,268.0	5.0%	1,536.5
University Receipts	89,117.2	94,475.4	6.0%	99,169.6	72,158.1	67,974.7	-5.8%	73,974.1	8.8%	83,127.0	12.4%	9,152.9
University Receipts Subtotal	**276,221.4**	**290,635.6**	**5.2%**	**305,330.6**	**238,542.9**	**236,956.2**	**-0.7%**	**251,333.5**	**6.1%**	**270,941.5**	**7.8%**	**19,608.0**
Federal Receipts	152,660.9	156,076.9	2.2%	160,759.2	119,090.4	115,635.3	-2.9%	115,635.3	0.0%	121,417.0	5.0%	5,781.7
State Inter Agency Receipts	18,650.0	18,670.0	0.1%	20,976.9	11,355.6	11,926.7	5.0%	12,642.5	6.0%	13,527.4	7.0%	884.9
MHTAAR	1,085.0	1,622.5	49.5%	1,622.5	825.0	1,085.0	31.5%	1,622.5	49.5%	1,622.5	0.0%	-
CIP Receipts [1]	4,881.6	4,881.6	0.0%	8,000.0	3,466.1	5,286.0	52.5%	5,920.3	12.0%	7,104.3	20.0%	1,184.0
UA Intra Agency Receipts	52,721.0	53,121.0	0.8%	55,777.1	44,192.3	46,650.5	5.6%	51,315.4	10.0%	51,315.4	0.0%	-
Receipt Authority Subtotal	**506,219.9**	**525,007.6**	**3.7%**	**552,466.2**	**417,472.3**	**417,539.7**	**0.0%**	**438,469.5**	**5.0%**	**465,928.1**	**6.3%**	**27,458.6**
Revenue Total	**798,790.5**	**838,114.7**	**4.9%**	**895,999.2**	**700,004.3**	**710,110.3**	**1.4%**	**751,576.6**	**5.8%**	**809,461.1**	**7.7%**	**57,884.5**
Other Appropriations [2]	*2,641.0*	*4,842.0*			*2,646.0*	*4,959.4*		*4,842.0*				
Total w/ Other Appropriations	*801,431.5*	*842,956.7*		*895,999.2*	*702,650.3*	*715,069.7*		*756,418.6*		*809,461.1*		

1 - An increase in capital RSAs and capital projects has caused CIP receipts to be higher than expected.

2 - Other Appropriations include: FY07 $2.0 License Plate Revenue, $4.0 for ETS Chargebacks and $2,640.0 one-time funding for utility increases; FY08 $1.0 (Auth) and $1.5 (Actual) License Plate Revenue and $2,640.0 & $2,317.9 in one-time funding for utility increases; FY09 $2.0 License Plate Revenue and anticipated $4,840.0 one-time funding for utility increases.

University of Alaska
FY10 Operating Budget Request Items

Adjusted Base Requirements

Compensation Increases

- Compensation Increases
  The requested amount covers the negotiated contract agreements for ACCFT Faculty, AHECTE, UNAC faculty, UNAD, and the policy mandated salary increase (P04.05.040) for UA employees not represented by a union.

  Employer contributions for health are expected to remain the same as FY09. FY10 retirement rates are also expected to be the same as FY09; for PERS, 22.00%; TRS, 12.56%; however, ORP1, based on the three year lagging average of TRS will decline slightly from 17.04% in FY09 to 12.56% in FY10.

Non-Personnel Services Fixed Cost Increases

- Athletics Travel
  This request provides funding increases for intercollegiate athletic team travel at UAA and UAF to offset airline cost increases. NCAA and conference obligations require UA to send its intercollegiate athletic teams to a fixed number of competitions as well as subsidize partial travel expenses incurred by WCHA member teams traveling to Alaska. In addition, in order to schedule non-conference home contests, UA must offer game guarantees to offset increasing airline costs of visiting teams.

- Academic and Research Travel
  Airline ticket costs have increased 30%. UA has taken the necessary measures to reduce administrative travel, academic and research travel to the extent possible without impacting program requirements. This non-general fund request offsets the remaining airline cost increases necessary to maintain academic and research program requirements.

- Facilities Maintenance and Repair Requirement
  UA's annual maintenance and repair is calculated at a minimum 1.5 percent of current building value. Each MAU is asked to annually increase its operating budget dedicated to facilities maintenance, often referred to as M&R, in order to keep pace with its ever increasing building maintenance needs. This request covers the requirement. Starting in FY10, the M&R amount will be budgeted at the allocation (campus level) instead of the MAU level.

- IT Contractual/Network
  This request provides funding to establish lifecycle replacement of existing computer hardware add instructional software licensing, increase technology training opportunities, and improve network infrastructure and connectivity.

- Other Fixed Cost Increases
  The requested funds will be used toward non-discretionary cost increases estimated at 2%, in contractual services and commodities.

Compliance Mandates (personnel)

- Network Security
  This request will provide IT security oversight for the UA system. The current OIT security group has both operational and oversight responsibilities. The operational day-to-day investigation and implementation of security issues has increased the quantity and complexity of security incidents. This increase has limited the resources available to provide security planning and oversight. It is appropriate to have security oversight in an organization separate from the operations organization. This request addresses both compliance and accountability issues as a new security oversight position is needed to coordinate policies, regulations, and apply security procedures across the UA system.

- GASB Accounting Requirement
  An additional financial accounting professional is needed in the Statewide Fund Accounting department to absorb the significant increase in time required due to new auditing and accounting standards in recent years. Financial accounting is a critical compliance function - producing audited financial statements and federal grant and contract audit reports (OMB Circular A-133), among other accounting functions not performed at the campus level.

- Risk Management
  Additional positions are needed to meet agency mandates and unforeseen incidents affecting Environmental, Health, Safety, and Risk Management. The non-general fund request will support required insurance, risk assessment, and operation increases.

Utility Cost Increases

- Utility Cost Increases
  This request covers the projected FY10 utility and fuel oil cost increases, estimated at a 10 percent increase over FY09. This increment assumes that the State will provide base funding for FY07, FY08, and FY09 utility increases since base funding has not been appropriated. FY07, FY08, and FY09 increases will be offset through a utility trigger mechanism, however, a supplemental in FY09 may be required.

New Facility Operating and Maintenance Costs

- Integrated Sciences Building (ISB) (UAA)
  This request covers the maintenance requirement and anticipated new facility operating costs.

- State Virology Lab (UAF Portion)
  This request covers the maintenance requirement and anticipated new facility operating costs.

- Bragaw Building Lease Expense (SW)
  This request is for the net increase in lease expense related to the Bragaw Building lease in Anchorage. The Bragaw Building houses Statewide administrative offices. The additional space is needed for expansion of Development, Corporate Programs, Risk and Land Management functions.

- ISB East Campus Parking Garage
  This request covers the maintenance requirement and anticipated new facility operating costs. The parking garage, due to its function, costs less to operate and requires less M&R than a typical building. Since this is an auxiliary operation, non-general funds are being requested.

- ISB Support Positions
  Funds are requested to support staffing levels in the science areas for the Integrated Science Building scheduled to open in Fall of 2009. This 120,000 square foot facility extends the research and teaching capacities within the sciences. Several design elements of this building support modern efficiency, safety, federal requirements, and growing teaching and research program needs. The ISB science teaching laboratories and classrooms support professional programs including Nursing and other high demand areas as well as providing science general education and instructional space for majors in science degrees. Completion of the facility will approximately double the amount of space devoted to science instruction and research programs.

University of Alaska
FY10 Budget Requests by Program Category

MAU	Title	GF
K-12 Outreach		
Bridging Programs, Tech Prep and Career Awareness		
UAA	Engineering Bridging Activities/Summer Camps	150.0
UAF	Alaska Summer Research Academy (ASRA) engineering components	75.0
UAF	IAC Early College High School Initiative	95.7
UAF	Individual technology based math and summer bridge programs	150.0
UAS	Summer Bridge, Early College Advising and Programs	175.0
UAA	ANSEP	300.0
SW	Institutionalize Program Support for Tech Prep	300.0
SW	UA Career Pathway Development, Outreach, & Planning	150.0
UAS	Outreach and Retention Specialist	94.3
	Bridging Programs, Tech Prep and Career Awareness	1,490.0
Outreach, Testing, Placement and Teacher Preparation		
UAA	Efficient Progress Toward Degree/Goal Completion-Early Assessment, Placement, and Educational Advising	299.0
UAA	Efficient Progress Toward Degree/Goal Completion-CTC Student Success Coordinators	40.0
UAA	Efficient Progress Toward Degree/Goal Completion-KOC Student Success Coordinator	40.0
UAA	Efficient Progress Toward Degree/Goal Completion-KPC Student Success Coordinator	80.0
UAA	Health Student Success Coordinator - UAA	52.0
SW	Systemwide Marketing/Outreach	400.0
UAF	UAF Special Education Teacher Preparation	142.1
UAF	UAF SOE Program Access Through Distributed Teaching and Learning	85.0
	Outreach, Testing, Placement and Teacher Preparation	1,138.1
	K-12 Outreach Total	2,628.1
Energy, Engineering, Climate		
Energy and Cooperative Extension Service		
UAF	Alaska Center for Energy and Power	500.0
UAF	UAF Cooperative Extension Service and Energy Outreach	450.0
UAA	Critical Faculty-Energy Economist	88.4
UAF	Critical Faculty Leaders on Geothermal Technologies and Exploration, Renewable Power, and Alternative Fuels	400.0
	Energy and Cooperative Extension Service	1,438.4
Engineering		
UAA	BSE Faculty	450.0
UAF	Engineering science core instructor support	100.0
UAF	Mechanical engineering faculty in alternative energy	120.0
UAF	EE/CpE Faculty to support computer engineering program	120.0
UAF	Engineering student success lab	75.0
UAF	Petroleum engineering faculty to support increased enrollments and chemical engineering	120.0
UAA	CTC Architectural and Engineering Tech Faculty	70.0
UAF	Graduate student assistantships to support growth in engineering	100.0
UAF	Physics and Mathematics Support for Engineering Students	105.0
UAA	ESPM Faculty	300.0
	Engineering	1,560.0

Project narratives can be found in Appendix A

University of Alaska
FY10 Budget Requests by Program Category

MAU	Title	GF
Climate		
UAF	Climate Adaptation: Information on Climate Change to Inform Planning and Preparation (ACCAP)	150.0
UAF	Climate Change Impacts on Transportation (AUTC)	250.0
UAF	Ecological Modeling: Responses of Biological Systems to Climate Change	200.0
UAF	High Resolution Localized Forecasts for Managers and Policymakers (SNAP)	225.0
	Climate	825.0
	Energy, Engineering, Climate Total	3,823.4
Health Programs		
BioMed Capacity		
UAF	Joint UAF/Public Health Laboratory (DHSS) position in Virology	75.3
UAF	Faculty position in Virology and Infectious Disease	100.4
UAA	ISB Animal Research Facility Manager	70.0
UAA	ISB Veterinarian	60.0
UAF	Faculty position in Immunology	100.4
UAF	UAF Veterinary Services Animal Health Technician	95.2
UAF	UAF Veterinary Services LaboratoryTechnician	95.2
UAA	Stress Physiology Faculty Position	100.0
UAF	Post-doctoral support for biomedical and behavioral health research	200.0
UAA	Clinical/Translational Science Faculty (WWAMI)	150.0
UAS	Faculty Buyout	36.8
UAS	Competitive Research Match Funds	50.0
UAF	Graduate student assistantships to enhance biomedical programs and research	96.0
	BioMed Capacity	1,229.3
Academic Programs		
UAS	Career and Health Coordinator	80.0
UAA	Clinical Rotations/Health Pipeline	300.0
UAA	Distance Social Work Program	151.5
UAA	Human Services Practicum Coordination	108.0
UAA	Pharmacy Careers Faculty/Liaison	160.0
UAA	Physical Therapy Careers Faculty/Liaison	104.8
UAA	Physician Assistant Program Expansion	249.3
UAA	Radiologic Technology Program	48.0
UAS	Biological Sciences Laboratory Technician	32.5
UAF	UAF Psychology Clinic	174.8
UAF	RC Health Programs - Rural Human Services Faculty	81.7
UAF	TVC Assistant Professor of Allied Health	94.3
UAA	Dietetics and Nutrition Program Expansion	78.5
UAA	Psychological-educational Clinical Services (UAA/UAF)	41.3
UAA	Dental Programs Expanded Functions	47.2
UAA	Ultrasound Faculty	92.0
	Academic Programs	1,843.9
	Health Programs Total	3,073.2

Project narratives can be found in Appendix A

University of Alaska
FY10 Budget Requests by Program Category

MAU	Title	GF
Workforce and Campus Programs		
Workforce Programs		
UAS	Marine Transportation	127.0
UAA	KPC Process Technology	375.0
UAA	Vocational AAST Program (Kodiak)	90.0
UAF	TVC Law Enforcement Academy Base Funding	98.6
UAF	NWC Bering Strait Workforce Enhancement for Business	111.9
UAF	IAC Tribal Management Faculty	90.0
UAA	Center for Economic Development	125.0
UAF	IAC Alaska Roads Scholar Program	99.0
UAF	IAC Construction Trades Technology	100.0
	Workforce Programs	1,216.5
Advanced Indigenous Studies		
UAF	Graduate Student Success with a Focus on the Indigenous Studies Ph.D. Program	117.6
UAF	Indigenous Studies Ph.D./Alaska Native Knowledge Network	217.7
	Advanced Indigenous Studies	335.3
Student Achievement		
UAA	Learning Communities Promoting Student Success-Honors College	150.0
UAA	Learning Communities Promoting Student Success-Supplemental Instruction	200.0
UAF	Honors Program and Undergraduate Research Enhancement	200.0
UAS	Freshmen Seminars, Short Courses, Early Alert and Guide Programs	100.0
UAA	University Relations/Alumni	140.0
	Student Achievement	790.0
	Workforce and Campus Programs	2,341.8
	FY10 Priority Program Enhancement and Growth	11,866.5

Project narratives can be found in Appendix A

University of Alaska
FY10 Additional Cost Increases by Category

MAU	Title	GF	NGF	Total
Non-Personnel Services Fixed Cost Increases				
Athletic Travel				
UAA	UAA Athletic Travel	202.3	22.7	225.0
UAF	UAF Athletic Travel	330.6	176.4	507.0
	Athletic Travel	532.9	199.1	732.0
Academic and Research Travel				
UA	Academic and Research Travel		1,680.2	1,680.2
	Academic and Research Travel		1,680.2	1,680.2
Facilities Maintenance and Repair Requirement				
UA	Systemwide M&R Requirment	1,350.0	1,135.0	2,485.0
	Facilities Maintenance and Repair Requirement	1,350.0	1,135.0	2,485.0
IT Contractural/Network				
UAA	Campus Exchange	95.0		95.0
UAF	Innovative Teaching & Learning: Faculty/Staff Technology Training, Academic Software, and Critical UAF Technology Needs	200.0		200.0
SW	Network Infrastructure/Connectivity (Fixed Costs)	237.0		237.0
	IT Contractural/Network	532.0		532.0
Other Fixed Cost Increases				
UA	Other Fixed Cost Increases	800.0	4,600.0	5,400.0
	Other Fixed Cost Increases	800.0	4,600.0	5,400.0
	Non-Personnel Services Fixed Cost Increases	3,214.9	7,614.3	10,829.2
Compliance Mandates (personnel)				
Network Security				
SW	Security Oversight FTE	127.0		127.0
	Network Security	127.0		127.0
GASB Accounting Requirement				
SW	Financial Accounting Professional	97.0		97.0
	GASB Accounting Requirement	97.0		97.0
Risk Management				
UAA	EHS&RM	100.0		100.0
UAF	EHS&RM - Meeting Mandated Needs	300.0		300.0
UAS	Risk Management	30.0		30.0
UA	Insurance Assesment Increases		400.0	400.0
	Risk Management	430.0	400.0	830.0
	Compliance Mandates (personnel)	654.0	400.0	1,054.0
Utility Cost Increases		1,700.0	1,100.0	2,800.0
New Facility				
UAA	ISB Operating Costs	1,454.0		1,454.0
UAA	ISB M&R	218.5		218.5
UAF	Virology Operating Costs	263.0		263.0
SW	Bragaw Building Lease Expense	350.0		350.0
UAA	ISB East Campus Parking Garage Oper/M&R		141.3	141.3
UAA	ISB Support Positions	505.0	203.0	708.0
	New Facility	2,790.5	344.3	3,134.8
Additional Operating Cost Increases		8,359.4	9,458.6	17,818.0

Change in State Funding by Source FY00-FY10est (in thousands)

	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
General Fund	$169,366.0	$181,158.8	$192,521.9	$202,836.9	$209,736.9	$225,287.9	$242,388.1	$274,671.9	$284,458.2	$302,760.4	$333,186.3
General Fund Match	2,777.3	2,777.3	2,777.3	2,777.3	2,777.3	2,777.3	2,777.3	4,777.3	4,777.3	4,777.3	4,777.3
Mental Health Trust	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	200.8	295.8	295.8
ASTF Earnings/Endowment	2,630.0	2,630.0	876.7	2,315.0							
ACPE Dividend		2,000.0	2,000.0								
TVEP		1,781.0	2,868.9	2,868.9	2,868.9	2,868.9	2,822.6	2,882.0	3,134.3	4,723.6	4,723.6
Business License Revenue										550.0	550.0
Total*	**$174,974.1**	**$190,547.9**	**$201,245.6**	**$210,998.9**	**$215,583.9**	**$231,134.9**	**$248,188.8**	**$282,532.0**	**$292,570.6**	**$313,107.1**	**$343,533.0**
Annual % Change	3.6%	8.9%	5.6%	4.8%	2.2%	7.2%	7.4%	13.8%	3.6%	7.0%	9.7%
Annual Change	6,011.2	15,573.8	10,697.7	9,753.3	4,585.0	15,551.0	17,053.9	34,343.2	10,038.6	20,536.5	30,425.9
General Fund for Retirement Increases						8,800.0	15,688.2	23,570.2	18,943.1	18,943.1	18,943.1
Total w/out Extraordinary retirement increases	$174,974.1	$190,547.9	$201,245.6	$210,998.9	$215,583.9	$222,334.9	$232,500.6	$258,961.8	$273,627.5	$294,164.0	$324,589.9
Annual % Change	3.6%	8.9%	5.6%	4.8%	2.2%	3.1%	4.6%	11.4%	5.7%	7.5%	10.3%

*Does not include one-time items

Operating Budget Trend by Campus

Total University of Alaska	FY06 Actual			FY07 Actual			FY08 Actual			FY08 BOR Authorized			FY09 BOR Authorized		
	State Approp.	Receipt Authority	Total Funds	State Approp.	Receipt Authority	Total Funds	State Approp.	Receipt Authority	Total Funds	State Approp.	Receipt Authority	Total Funds	State Approp.	Receipt Authority	Total Funds
Systemwide Components Summary															
Reductions & Additions											5,236.8	5,236.8			0.0
Total SW BRA										0.0	5,236.8	5,236.8	0.0	0.0	0.0
University of Alaska Anchorage															
Anchorage Campus	75,644.2	107,090.2	182,734.4	85,622.7	113,691.4	199,314.1	89,871.0	116,683.0	206,554.0	89,212.0	137,884.2	227,096.2	96,658.2	144,477.8	241,136.0
Kenai Pen. Col.	5,523.6	4,331.2	9,854.8	6,568.3	4,818.6	11,386.9	7,032.1	4,930.1	11,962.2	6,810.3	5,726.3	12,536.6	7,186.6	5,847.5	13,034.1
Kodiak College	2,274.1	872.5	3,146.6	2,559.8	880.9	3,440.7	2,622.0	958.3	3,580.3	2,507.8	1,581.6	4,089.4	2,612.2	1,603.2	4,215.4
Mat-Su College	3,582.1	2,729.0	6,311.1	3,757.6	3,216.4	6,974.0	4,014.7	3,083.6	7,098.3	3,988.5	4,572.5	8,561.0	4,360.8	4,680.6	9,041.4
Prince Wm Snd CC	2,300.5	2,255.2	4,555.7	2,749.6	2,414.9	5,164.5	2,891.7	2,483.6	5,375.3	2,831.4	3,994.2	6,825.6	2,970.3	4,037.3	7,007.6
Small Business Dev Ctr													550.0	0.0	550.0
Total UAA	89,324.5	117,278.1	206,602.6	101,258.0	125,022.2	226,280.2	106,431.5	128,138.6	234,570.1	105,350.0	153,758.8	259,108.8	114,338.1	160,646.4	274,984.5
University of Alaska Fairbanks															
Bristol Bay Campus	939.0	1,869.6	2,808.6	1,056.7	1,956.3	3,013.0	1,073.5	1,925.5	2,999.0	1,050.0	2,281.5	3,331.5	1,231.6	2,312.3	3,543.9
Chukchi Campus	701.9	799.1	1,501.0	725.1	962.2	1,687.3	853.3	918.0	1,771.3	808.3	1,127.5	1,935.8	850.2	1,136.2	1,986.4
Ak. Cooperative Ext.	3,396.0	3,716.9	7,112.9	3,598.7	3,983.7	7,582.4	3,679.8	3,472.3	7,152.1	3,655.6	4,877.1	8,532.7	3,871.6	5,384.4	9,256.0
Fairbanks Campus	82,227.9	96,791.2	179,019.1	94,401.1	104,194.6	198,595.7	96,697.4	106,442.9	203,140.3	97,659.9	122,870.5	220,530.4	103,562.3	131,668.0	235,230.3
Fairbanks Org. Res.	17,112.3	103,691.6	120,803.9	19,921.4	109,602.7	129,524.1	19,701.5	105,148.9	124,850.4	18,947.1	127,884.5	146,831.6	20,005.7	131,503.3	151,509.0
Interior-Aleut. Campus	1,280.8	1,992.6	3,273.4	1,385.7	2,336.1	3,721.8	1,587.9	2,538.1	4,126.0	1,518.4	2,877.6	4,396.0	1,614.7	2,895.6	4,510.3
Kuskokwim Campus	2,399.8	2,903.5	5,303.3	2,778.7	3,251.9	6,030.6	2,819.8	2,780.3	5,600.1	2,781.5	3,398.4	6,179.9	2,960.2	3,432.3	6,392.5
Northwest Campus	1,414.4	583.2	1,997.6	1,503.2	840.3	2,343.5	1,564.7	1,667.3	3,232.0	1,525.3	1,009.4	2,534.7	1,596.1	1,022.2	2,618.3
Rural College	4,378.1	5,650.9	10,029.0	4,565.4	6,330.7	10,896.1	4,339.0	6,902.6	11,241.6	4,428.7	7,800.9	12,229.6	4,909.1	9,315.8	14,224.9
Tanana Valley Campus	4,155.2	4,284.8	8,440.0	4,891.1	5,688.0	10,579.1	5,147.5	5,483.5	10,631.0	4,925.1	6,024.3	10,949.4	5,559.4	6,198.8	11,758.2
Total	118,005.4	222,283.4	340,288.8	134,827.1	239,146.5	373,973.6	137,464.4	237,279.4	374,743.8	137,299.9	280,151.7	417,451.6	146,160.9	294,868.9	441,029.8
University of Alaska Southeast															
Juneau Campus	17,151.7	14,308.6	31,460.3	19,269.4	14,928.8	34,198.2	19,602.2	13,727.2	33,329.4	19,709.4	19,912.4	39,621.8	20,870.1	20,715.8	41,585.9
Ketchikan Campus	2,190.6	1,787.5	3,978.1	2,495.8	1,418.0	3,913.8	2,593.5	1,290.7	3,884.2	2,542.0	2,259.2	4,801.2	2,653.3	2,287.8	4,941.1
Sitka Campus	2,337.8	3,332.5	5,670.3	2,626.2	2,988.2	5,614.4	2,666.5	3,460.8	6,127.3	2,666.5	4,946.2	7,612.7	2,887.9	5,025.9	7,913.8
Total UAS	21,680.1	19,428.6	41,108.7	24,391.4	19,335.0	43,726.4	24,862.2	18,478.7	43,340.9	24,917.9	27,117.8	52,035.7	26,411.3	28,029.5	54,440.8
Statewide Programs & Services															
Statewide Services	11,329.9	22,524.1	33,854.0	13,025.9	29,466.1	42,492.0	13,825.6	26,072.6	39,898.2	15,162.4	30,869.9	46,032.3	14,954.7	32,150.3	47,105.0
Statewide Networks	7,848.9	4,509.0	12,357.9	9,029.6	4,502.5	13,532.1	9,986.9	7,570.4	17,557.3	9,840.4	9,084.9	18,925.3	10,061.4	9,312.5	19,373.9
Systemwide Ed/Outreach													1,180.7	0.0	1,180.7
Total SPS	19,178.8	27,033.1	46,211.9	22,055.5	33,968.6	56,024.1	23,812.5	33,643.0	57,455.5	25,002.8	39,954.8	64,957.6	26,196.8	41,462.8	67,659.6
Total University	248,188.8	386,023.2	634,212.0	282,532.0	417,472.3	700,004.3	292,570.6	417,539.7	710,110.3	292,570.6	506,219.9	798,790.5	313,107.1	525,007.6	838,114.7
Other Appropriations*	2,428.5		2,428.5	2,646.0		2,646.0	4,959.4		4,959.4	4,959.4		4,959.4	4,842.0		4,842.0

GF includes GF, GF/Match, GF/MHT, S and T Funds, ACPE Funds, and Workforce Development Funds

*FY06 Other Appropriations include $2,355.6M one-time funding for Utility Increases, $2.5 License Plate Revenue and $75.0 FFA Director Funding ($70.4 actual expenditure)

*FY07 Other Appropriations include $2,640.0M one-time funding for Utility Increases, $4.0 for ETS Chargeback and $2.0 License Plate Revenue

*FY08 Other Appropriations include $4,957.9M one-time funding for Utility Increases and $1.5 License Plate Revenue

University of Alaska
Approved FY10 Operating Budget Development
Guidelines and Process

Guidelines

The Operating Budget Request Guidelines incorporating a longer term 3 to 5 year budget planning horizon will be used to align the University of Alaska's Budget Request with existing resources to maximize progress toward the Board of Regents' strategic plan goals, while simultaneously maintaining administrative and program efficiencies.

The State is setting its course for the next thirty years. A strong University System is a key element for the State's success. Through preparing the workforce, providing expertise and leadership in a variety of fields, and serving as the driving force for research in Alaska, the University of Alaska (UA) contributes significantly to the State's economic success and its citizen's quality of life.

UA is committed to meeting State workforce needs by delivering programs responding to employment growth expected over the next five years as well as setting a foundation for the future. UA's competitive research capacity is remarkably situated to address State, Arctic, and global solutions, particularly in climate change mitigation and adaptation, and energy. Research will continue gaining prominence through International Polar Year (IPY) activities.

The UA Operating Budget Request will include compensation and other fixed cost increases for maintaining existing programs and services, as well as program growth requests will be driven by the program enhancement priorities with continued emphasis on three themes:

- Preparing Alaskans for the State's High Demand Jobs
- Enhancing Competitive Research and taking advantage of UA's position in the International Polar Year (IPY) and benefits of research as an industry in Alaska
- Enhancing Student Success and College Readiness with an emphasis on increasing student enrollment

In addition, within each of these three themes there will be greater attention on strategies to align public service and outreach efforts.

To ensure UA's resources are used most effectively to meet State needs, greater emphasis is being placed on systemwide planning efforts similar to the collaborative planning processes in place for health and engineering. Through this participatory process, each MAU will be represented in the budget process to accomplish its underlying mission and strengthen the MAU and campus compelling strategic advantages.

Proposed systemwide planning groups include:

Preparing Alaskans for Jobs:

- Health
- Engineering and Construction
- Career and Vocational Tech. Workforce (other, OEC, CT and Associate regional needs)
- Teacher Education

Alaska Relevant Research (inclusive research planning group)

- Climate, Energy, Engineering, Natural Resources, Biomedical/Health

Enhancing Student Success and College Readiness

Below are proposed funding level ranges by priority area:

Planning Groups	FY10 Request Range	FY11 – FY13 Range Cumulative
Health	$2-$3 million	$6-$8 million
Engineering and Construction	$1-$2 million	$3-$4 million
Career and Tech. Workforce (other)	$0.5-$1.5 million	$3-$4 million
Teacher Education	$0.1-$0.7 million	TBD
Student Success	$1-$3 million	TBD
Research	$2-$5 million	$10-15 million
Outreach, Engagement, Cooperative Extension, K-12 linkage	To be aligned and incorporated with groups above (see page 5 and 6)	
MAU Specific Strategic Priorities	$1-$2 million	$3-$5 million

Factors to be considered in final request include demonstrated efficiency and effectiveness of existing programs, ability to successfully execute program request, strategic linkage to and impact on meeting performance goals, and responsibility for executing systemwide priorities.

Additionally, the following mechanisms will be used throughout the year to maintain UA's high standard of accountability and transparency:

- Performance assessment and performance measure tracking
- Annual operating and management reviews
- Systemwide academic program planning and monitoring
- Administrative process improvement project tracking
- Systemwide internal and external reviews

Process Considerations

Integration of Performance Assessment/Performance-based budgeting (PBB): Each MAU will control the distribution of its performance funding pool, to be used in support of performance-related strategies. One percent of general funds are the expected funding pool size, although annual circumstances will dictate exact amount, which will be determined and reported by the MAU. These performance funds can be allocated to appropriate strategic investments and be reported as part of the overall performance and accountability process. In the event that program requests are not legislatively funded, it is expected that reallocated performance funds will be considered as a source toward those stated budget priorities.

In conjunction with UA's existing system performance measure, MAU's are encouraged to add strategy-specific measures gauging effectiveness of major initiatives to achieve long term goals – for example UAA desires instructional and service grant activity in addition to external research and UAF asked for metrics for enrollment and retention on distinct student cohorts. Starting with the FY10 budget and planning process, MAU reporting requirements will transition to the State's performance reporting format. Additional elements previously required in performance reports will be incorporated into bi-annual MAU reviews (Fall-Financial Review, Spring-Operating Review).

Expected Outcomes: To more clearly articulate anticipated outcomes into the planning process, each planning group will create a 1 to 3 page summary. The summary document, similar to the one produced for the health planning group last summer, will be developed by the appropriate planning group facilitator and lead, with review by the President's Cabinet. There will be various levels of detail depending on the maturity of the discipline planning to-date, and in addition to addressing planned outcomes it will include basic statistics such as current funding level, efficiency ratios, and past investments.

In addition, each Chancellor will submit a 1 to 3 page summary for the MAU which will also be reviewed at the President's Cabinet. The MAU summary of expected outcomes will recognize MAU priorities and compelling advantages, particularly those that align most directly to SW planning group areas, the system performance goals, the BOR strategic plan goals, and will help align the internal MAU budget process with the systemwide process. The MAU summary will also include the role of each campus in addressing the anticipated outcomes of the SW planning groups.

Each planning group will have a statewide person assigned to it as a facilitator, an MAU-based lead or co-leads, campus/program representatives, and service/outreach representatives (see the planning group roles and responsibilities with draft recommendations for leads and SW facilitators, with campus/program representative TBD pages 5 and 6).

Full Cost/Fixed Costs/Administrative Requests: Full Cost/Fixed Costs/Administrative Requests will be developed using systemwide standards. Meetings of Vice Chancellors and key budget and SW personnel are occurring in March to review current practices. Information Technology (IT) and business process improvement initiatives will be vetted through the Adminstrative Process Executive Group (APEG), Information Technology Council (ITC), and Business Council (BC) respectively. No request range will be set on these requests, however, it is important to know that few administrative increases are funded and the need to reallocate to address these improvements is predictable.

Process: The web-based budget request submission process used last year will be used again this year. Each MAU must submit all requests related to their campuses including those that are part of a SW Planning Group. In the event that the request involves more than one MAU, each MAU should submit an identical request. The process will be iterative.

Timeline:

March 7:	Instructions to SW Planning Groups and Chancellors providing outline for one-page outcomes summary
April 11:	Planning Group leads submit Draft expected outcomes summary to SW (1-3 pages)
April 16:	Chancellors submit Draft summary of MAU expected outcomes (1-3 pages) for review at the President's Cabinet Meeting April 16.
April 17:	BOR approval of the FY10 budget guidelines with 3-5 year outlook
April 25:	Planning Group leads submit final summary to SW
Late April:	Chancellors submit final summary for MAU in conjunction with Operating Review
Late April:	MAU Operating Reviews: FY08 Status Review: FY09 Expectations: FY10 -13 Plans
May-July:	Planning Group Meetings and MAU Budget Development
August 1:	Submit FY10 Budget Request and FY11-13 Planning Horizon considerations
August 5th	Face to Face MAU Budget Request Briefing
August 11th	BC, SAC, RAC, SSC, ITC, FAC review of priorities

FY10 Budget and Planning Guidelines Planning Groups Roles and Responsibilities:

Planning Group MAU-based Lead/Co-Lead:
Role: Serves as the chair of the planning group.
Responsibilities:
- Acts as the primary spokes person for the planning group.
- Communicates progress and issues of the planning group at various budget and planning meetings.
- Communicates progress and issues of the planning group at President Cabinet meetings.
- Contributes to and assures criteria are established for the prioritizing program requests.
- Assures the various campus issues are addressed in the planning process.

Statewide Facilitator:
Role: Supports and coordinates planning group meetings, and serves as primary liaison between the planning group and the President, Planning and Budget Office, and SW executive staff.
Responsibilities:
- Provides support to the MAU-based lead for planning group activities.
- Assures planning group is aware of deadlines and process requirements.
- Assures the various campus issues are addressed in the planning process.
- Provides assessment of program requests within the established criteria.
- Provides input, feedback, and perspective regarding criteria, program alignment, and system overview.
- Communicate progress and issues of the planning group at various to and the President, Planning and Budget Office, and SW executive staff.

Campus-based Planning Group Representatives:
Role: Represent campus program needs and provide program specific expertise.
Responsibilities:
- Submit campus program/budget request proposal for planning group consideration.
- Inform campus leadership and budget personnel of all MAU program requests forwarded to the planning group.
- Provide expertise, advice, and information required for planning group activities.
- Keep campus leadership and budget personnel aware of how all MAU program requests are being considered/ranked by the planning group so that those likely ranking high are being considered in the campus/MAU budget request.

Public Service/Outreach/Engagement Representatives:
Role: Assure formal public service and outreach offices emphasize and are aligned with program priorities.
Responsibilities: Provide input and recommendation to strengthen outreach and service activities in support of the overall program group goals. May prompt related budget requests to be considered by the planning group.
Participation: It is expected that Cooperative Extension, UAA Engagement, and KUAC personnel will participate in each of the planning groups. In additional, all group members should advance appropriate service/outreach activities in conjunction with program proposals.

Planning Group Leads and SW Facilitator

Planning Group MAU-based Lead	Statewide Facilitator	Campus Representatives and Service/Outreach Representatives[1]
Health Fran Ulmer, UAA Chancellor	Karen Perdue	Use the group currently in place plus Service and Outreach Reps.
Research (AK Relevant) Climate, Energy, Natural Resources/IPY Steve Jones, UAF Chancellor	Dan Julius	TBD, Climate has a group started - add to that established group
Teacher Education John Pugh, UAS Chancellor	Melissa Hill	TBD – Deans, Teacher Mentoring
Student Success (Co-leads) Mike Driscoll, UAA* Dana Thomas, UAF James Everett, UAS	Dan Julius	Use the group currently in place plus Service and Outreach Reps. *Linda Lazzell will serve as a MAU based co-lead in Mike Driscoll's absence
Engineering and Construction (Co-Leads) Rob Lang, UAA Doug Goering, UAF	Fred Villa	Use the group currently in place plus Service and Outreach Reps.
Workforce Development (Co –leads) Karen Schmitt, UAS Bernice Joseph, UAF TBD, UAA	Fred Villa	TBD

Additional Notes:

1. Service/Outreach/Engagement Representatives: Alaska Cooperative Extension, KUAC, and UAA Engagement representatives will be invited to participate in all 6 of the planning groups. Small Business Development Center (SBDC), Center for Economic Development and other units focused on external partnerships may also attend. Additionally, campus program representatives and campus leaders are encouraged to define the service activities that will take place when a program is proposed.

2. It is encouraged that each group identify existing external advisory groups that should be informed and/or consulted throughout the process. The broader awareness of existing program performance and the next logical programs step, the stronger our chances are to be successful.

3. Programmatic areas will be incorporated into an overall academic plan for the University of Alaska being led by Dan Julius, VPAA

Planning Groups Expected Outcomes Document Instructions

Guiding Principles

Since this process is running parallel to the MAU budget process it is understood that this document may be revised to incorporate the MAU expected outcomes document. This is a draft document and these are not expected to be static documents but will evolve as more information becomes available. The health, engineering, and student success groups are more mature in the planning process, with health being the most mature. It is anticipated that the structure of the summary document for these groups will be more refined that the other areas, and will help serve as models as the other groups develop.

Areas to address

- Briefly discuss current status of programs in the discipline area
- What are the criteria for evaluating the requests that are forwarded?
    - Below are examples of criteria for review used for the FY09 Health Review:
        - Data driven
        - State need for program or expansion
        - Consistent with the Academic Plan
        - Employer partners/site readiness
        - Sustainability
        - Program readiness
        - What is needed to get students ready—pipeline activities?
        - Induced course load/GER capacity
- Must clearly demonstrate quantitative effect program request will have on relevant common, systemwide performance measures.
- What strategy specific sub-metric(s) will be tracked to measure intermediate progress toward moving systemwide metric goals? For example, a budget request for a new high-demand program might track applications and enrollment in the program as an indicator of eventual increases in high-demand graduates.
- Provide an assessment of State need as specific as possible given the maturity of the planning group area.
    - What is the immediate need?
    - What is the 3-5 year outlook?
- What programmatic areas are most likely to generate the support needed to obtain legislative funding?
- What programs would leverage existing strengths at each of the MAUs?
- What programs would return the most positive results for a reasonable investment?
- Discuss the current service gaps in the program planning group area (i.e. Teacher Education-Special Education)
- What are the future facility requirements including infrastructure and information technology associated with the program?

Timeline

Please submit this document to Statewide Planning and Budget no later than April 11th. This document will be discussed at the April 16th President's Cabinet Meeting with the Chancellors and the Vice Presidents and be distributed as a draft informational item to the Board of Regents in the context of the FY10 Operating Budget Request Guidelines approval at the April 17th Board of Regents meeting.

Chancellor's Expected Outcomes Document Instructions

Guiding Principles

- Since this process is running parallel to the Statewide Planning groups process it is understood that this document may be revised to incorporate the Statewide Planning groups expected outcomes document. These are not expected to be static documents but will evolve as more information becomes available.
- This document demonstrates the alignment of the MAU's key goals to the system priorities.

Areas to address

- MAU priorities and compelling advantages aligned with SW planning group areas (listed below) – incorporate appropriate Outreach, Cooperative Extension, K-12 linkage
    - Health
    - Engineering and Construction
    - Career and Tech. Workforce (other)
    - Teacher Education
    - Student Success
    - Competitive Research
- The BOR strategic plan goals including system performance measures
- Specific MAU strategy measures (i.e. Anchorage requested external sponsored program expenditures in addition to external sponsored research, Fairbanks wanted Bacc. retention rates, and specific external research measures)
- Role of each campus in addressing the anticipated outcomes of the SW planning groups
- MAU 3-5 year outlook
- Future facility requirements including infrastructure and information technology
- Identify planning assumptions, environmental scan, key internal and external conditions

Timeline

Please submit this document to Statewide Planning and Budget no later than April 15th
This document will be discussed at the April 16th President's Cabinet Meeting and be distributed as a draft informational item to the Board of Regents in the context of the FY10 Operating Budget Request Guidelines approval at the April 17th Board of Regents meeting.

UA Budget Calendar Board of Regents Action and Significant Events
FY08, FY09 and FY10 Budgets
18-Month Period - January 2008 to June 2009

Board Action	Other Significant Events
January 2008	
Annual Retreat	• FY09 Board Approved Operating and Capital Budget Document (Redbook) Published • 2008 Legislative Session Begins
February-March 2008	
Status Reports • Legislative Status-FY09 Budget Request	• Campus FY10 Budget and Planning Processes Starts • Statewide Planning Groups Established • FY08 Management Report Reviews (UAA, UAF, UAS, SW) • FY10 Operating Budget Request Guidelines reviewed by various systemwide councils • FY10-15 Capital Budget Request Guidelines reviewed by various systemwide councils
April-May 2008 Action • FY10 Operating and Capital Budget Request Guidelines Approval Status Reports • Statewide Planning and Budget provides "Heads up to the Board Memo" to let them know what to expect at the upcoming June Board Meeting • Tuition Rate Notice	• Spring Operating Reviews – FY08 year-end, FY09 year-start, FY10-FY13 planning (UAA, UAF, UAS, SW) • Alaska Legislature submits FY09 Budget to Governor • FY10 MAU Budget Request Instructions distributed
June 2008 Action • FY09 Operating and Capital Budget Acceptance • FY09 Operating and Capital Budget Distribution Plan	• Governor Signs FY09 Budget Legislation • FY09 Distribution Plan Recommendation developed with performance measures and the associated targets and goals
July-August 2008 Status Reports • President's Summer Briefing to the Board	• FY08 budget year ends - FY09 begins • SW develops FY10 compensation and fixed cost budget estimates • FY10 Initial Meetings with OMB • MAUs submit FY10 Operating Budget Requests • MAUs submit FY10 Capital Budget Requests • MAU submit Deferred Maintenance/Final Total Project list due to SW Budget • FY10 MAU Budget Meeting • Systemwide councils SAC, BC, ITC, SSC, RAC, FC review and provide input on operating budget request items and capital project requests • Chancellors review and provide input on requests
September-October 2008 Action • Discussion and Approval of Tuition Rates for Academic Year 2011 Status Reports • FY10 Operating Budget Request • FY10 Capital Budget Request • FY10-FY15 Capital Plan	• MAU submit state required budget information • MAU submit final Performance Report • FY08/FY09 MAU Financial and Performance Review (UAA, UAF, UAS, SW) • Update UA Legislative Missions and Measures

Board Action	Other Significant Events
November 2008 Action • Approve FY10 Operating Budget Request with Associated UA Performance Targets and Goals • Approve FY10 Capital Budget Request • Approve FY10-FY15 Capital Plan • Approve the FY09 Natural Resources Fund Budget Allocation • Review Performance Measures	• FY08 Authorized Budget Distribution Document (Yellowbook) Published • FY08 UA Audited Financial Statements Available • UA FY10 Operating and Capital Budget Submitted to OMB
December 2008 Status Reports • UA FY08 Financial Statements	• Governor Submits FY10 Budget Proposal to Legislature
January 2009 Annual Retreat	• FY10 Board Approved Operating and Capital Budget Document (Redbook) Published • 2009 Legislative Session Begins
February-March 2009 Status Reports • Legislative Status-FY10 Budget Request • FY11 Operating Budget Request Guidelines • FY11-FY16 Capital Budget Plan/Request Guidelines	• FY09 Management Report Reviews UAS, UAF, UAA, SW • FY11 Operating Budget Request Guidelines reviewed by various systemwide councils • FY11-16 Capital Budget Request Guidelines reviewed by various systemwide councils
April-May 2009 Action • FY11 Operating and Capital Budget Request Guidelines Status Reports • Statewide Planning and Budget provides “Heads up to the Board Memo to let them know what to expect at the June Board Meeting • Tuition Rate Notice	• FY09 Spring Operating Reviews (UAA, UAF, UAS, SW) • FY11 Operating Budget Request Guidelines reviewed by various systemwide councils • FY11-16 Capital Budget Request Guidelines reviewed by various systemwide councils • Alaska Legislature submits FY10 Budget to Governor • FY11 MAU Budget Request Instructions distributed
June 2009 Action • FY10 Capital and Operating Budget Acceptance • FY10 Operating and Capital Budget Distribution Plan	• Governor Signs FY10 Budget Legislation • FY10 Distribution Plan Recommendation developed with performance measures and the associated targets and goals

MEMORANDUM

STATE OF ALASKA
Office of the Governor
Office of Management and Budget

To: Commissioners
Legislative Liaisons
Administrative Services Directors

Date: August 8, 2008

From: Karen J. Rehfeld
Director

Subject: "Heads Up" Meetings on the FY2010 Budget

You and your staff are to be congratulated for the great work in developing and implementing Governor Palin's budget goals in the FY2009 operating and capital budgets. Controlling spending, living within our means, and saving for the future continue to be the focus for this administration. These goals will guide us in developing the FY2010 budget.

I would like to schedule the first round of agency meetings to discuss your preliminary FY2010 budget recommendations in September. These "Heads Up" Meetings will take place in the Juneau Governor's Office Conference Room and will include the Chief of Staff as his schedule allows, Governor's Office Special Assistants as their time allows, OMB Analysts, and anyone you chose to bring from your agency. Video-teleconferencing will be available. You can view the "Heads Up" Meetings Calendar by accessing Outlook Calendar - Shared Calendar - GOV OMB Departmental Meetings. The "Heads Up" Meetings are scheduled for September 8-12; 15-16; and 24-26. Please contact Kari Spencer at 465-4660 for scheduling your department's "Heads Up" Meeting.

The following agencies are requested to schedule a meeting to discuss their budget issues: the Alaska Industrial Development and Export Authority; Alaska Energy Authority, Alaska Seafood Marketing Institute, Permanent Fund Corporation, Mental Health Trust Authority, Alaska Housing Finance Corporation, the Alaska Commission on Postsecondary Education, and the University of Alaska.

Additional meetings may be scheduled in October to help finalize FY2010 budget recommendations for the Governor. I do appreciate the time it takes to prepare for these meetings, but it is very helpful to have the discussion on various budget items and issues to be as fully developed as possible. It is not necessary to bring written documents to this initial meeting nor is it necessary for each department to discuss statewide personal services cost increases.

Topics to be covered at the September "Heads Up" Meetings include:

1. Proposed changes in the department's operating funding levels by fund source compared to the FY09 level. In explaining the impact of your proposals, please use the performance management framework your department has developed to describe the anticipated change as a result of the proposed funding change. Link your funding needs to ***results*** by showing how results will be different from the status quo.

   Your budget information should be as specific as possible so please be prepared to answer the following questions:

   a. What is your current capacity - for example, if you are proposing to add a grant administrator position, describe the current number of grant administrators, funding required to support the existing effort, the desired results and how the proposed funding changes will impact the achievement of your desired end results?

   b. What are the anticipated changes in outcomes with the proposed changes in funding? If there are no changes in outcomes, why are you requesting funding?

   c. Will progress be improved or hindered - by how much?

   d. If you received funding for FY2008 or FY2009, then "What did the state "get" for the investment? Are we closer to the end result - if not, why not?

   Also be prepared to discuss:

   e. Formula-driven increases and options that could mitigate that growth (i.e., statute/other program changes);

   f. The effect of any proposed savings or requested funding increase on your department's performance targets and end results - again, how they'll be different from the status quo. Departments should be prepared to discuss their budget in terms of the performance framework, including:

      - What of value is brought to the public or customer through the department's or program's existence?
      - Are you making a difference? Use metrics to demonstrate progress or problem areas.
      - Is there a need to change course? If so, use data to demonstrate why.
      - Are more resources needed? Through use of metrics, link how additional funding or staff will move the department closer to bringing value to the public or customer?

g. Any known FFY2010 federal funding requests.

2. Reorganization proposals:

   a. To realign programs with another department; and/or

   b. Program/other organizational consolidations in your department;

   Please explain your recommendation in terms of how that new alignment will improve the results to be delivered.

3. New revenue/financing ideas

   Your proposal must include revenue estimates that are as firm as possible, your methodology for arriving at those revenue estimates (i.e., no back of the envelope calculations!), and any obstacles or conditions that must be overcome in order for your proposal to be successful.

4. FY2010 capital budget requests with fund sources (describe your department's requests, including IT projects). IT projects will go through their separate review process, but we need to have a sense of the capital budget "universe." Please provide a brief status report on currently authorized IT projects.

5. Fund balances for dedicated/designated fund sources and any proposal to use those balances in FY2010;

6. Legislation needed to implement budget-related proposals;

   a. Please be ready to discuss any statutory changes that your agency is interested in pursuing.

   b. Also, please identify any programs or services that do not contribute to the mission of your agency that could be repealed from statute.

   c. The Governor is very interested in legislative or budgetary changes that will control the growth of government. In considering what can reasonably and realistically be accomplished over the next 2 ½ years, please focus on quality rather than quantity.

7. Current year issues:

   a. Potential FY2009 supplemental requests (discuss steps the department is taking to mitigate the need for a supplemental);

b. Current and potential liabilities, which may include potential lawsuits, update of current litigation and budget impact.

c. By the time of our meeting, some of you may have already opened law logs with the Department of Law for bill drafting. Please make sure that we discuss all legislative proposals and receive direction during the "Heads Up" Meetings prior to moving forward with opening additional law logs. If you have any questions about the legislative drafting process, please contact Kelly Goode, Legislative Director, at 465-3999 or 269-3033.

8. Budget Reductions/Savings

Several departments proposed cost-savings ideas during the development of the FY2009 budget, but needed more time to plan for implementation. In addition each department has submitted a FY2009 Savings Plan. For the FY2010 budget, each department should be aggressively reviewing its operations to find areas in the budget that can be reduced for our FY2010 Savings Plan.

9. Long-Range Fiscal Plan

House Bill 125, now Chapter 86, SLA 2008, includes requirements for the administration to submit a 10-year fiscal plan along with the December budget. We will be providing a template for each department to use in developing the plan, however, please be prepared to discuss the future in terms of the programs and core services, what you envision in terms of programmatic or financial changes that will be necessary in order to achieve the desired results. The goal is to come up with reasonable and realistic assumptions and estimates of costs over time to include in the plan. Legislators understand that the development of the plan will evolve over time as we develop the model, assumptions, and level of detail.

As I mentioned earlier, the Governor is committed to maintaining budget discipline, holding the line on new positions and programs, and limiting the growth of the operating budget. Your help in bringing forward proposals for efficiencies and savings in the budget is appreciated. We will need to find FY2010 savings in order to meet the overall spending target.

If you have any questions, please call me or your OMB Analyst. I look forward to our meeting. Thanks!

cc: Mike Nizich, Acting Chief of Staff
Kelly Goode, Legislative Director

Ted Leonard, Executive Director, AK Industrial Development & Export Authority
Steve Haagensen, Executive Director, Alaska Energy Authority
Ray Riutta, Executive Director, Alaska Seafood Marketing Institute
Mike Burns, Executive Director, Permanent Fund Corporation
Jeffrey Jessee, Executive Director, Mental Health Trust Authority
Dan Fauske, Executive Director, Alaska Housing Finance Corporation
Diane Barrans, Executive Director, AK Commission on Postsecondary Education
Mark Hamilton, President, University of Alaska

References

K-12 Outreach **(GF: $2,628.1, NGF: $500.0, Total: $3,128.1)**

Bridging Programs, Tech Prep and Career Awareness
(GF: $1,490.0, NGF: $250.0, Total: $1,740.0)

- **UAA Engineering Bridging Activities/Summer Camps**

  FY10 (GF: $150.0, NGF: $20.0, Total: $170.0)

  Notwithstanding the recent 20% per year enrollment growth in the School of Engineering at UAA, many Alaskan high school students either do not avail themselves of the opportunity to prepare for the demands of engineering programs, or are unaware of the excellent programs available at UAA and UAF. A number of the School's faculty, although involved in high school outreach activities as part of the service workload, would gladly ramp up their efforts, both during the school year and in the summer. The funding of summer engineering camps and other similar programs in Anchorage would undoubtedly net large numbers of new students to fill the existing programs at both campuses, particularly in Geomatics. Summer bridging programs improve retention and overall success, as demonstrated by ANSEP's successes.

- **UAF Alaska Summer Research Academy (ASRA) engineering components**

  FY10 (GF: $75.0, NGF: $100.0, Total: $175.0)

  Funds are sought to add engineering components to the Alaska Summer Research Academy (ASRA). This budget item seeks to expand a successful bridging and recruitment program based in the sciences to include additional engineering components. Funding will be used to offer engineering sections of interest to young students, involving topics such as energy, environment, transportation, computers, construction and others.

- **UAF Interior Aleutians Campus Early College High School Initiative**

  FY10 (GF: $95.7, NGF: $5.0, Total: $100.7)

  The purpose of the Early College High School Initiative is to promote a "bold approach, based on the principle that academic rigor, combined with the opportunity to save time and money, is a powerful motivator for students to work hard and meet serious intellectual challenges. Early college high schools blend high school and college in a rigorous yet supportive program, compressing the time it takes to complete a high school diploma and the first two years of college." (www.earlycolleges.org) Housed in IAC, the Early College Program will be offered upon request to other units. The Early College Program has been piloted for two years at the Effie Kokrine Charter School (EKCS) with multiple partners. The majority of classes were culturally infused and courses were offered at TVC and IAC, and some students took courses at the main UAF campus. The EKCS students are doing well and enrollment is up at the charter school. The current funding comes from the Bill & Malinda Gates Foundation through Antioch University. This foundation is funding Early Colleges across the country with start up funds. The initiative targets students who are under-represented in higher education students who have not had access to the academic preparation needed to meet college readiness standards, students for whom the cost of college is prohibitive, students of color, and English language learners. Most early college high schools are collaborations with two-year colleges. It is IAC's goal to integrate the Early College concept with one more school within our region in the coming year.

- **UAF Individual technology based math and summer bridge programs**

  FY10 (GF: $150.0, NGF: $13.0, Total: $163.0)

  Across the UA system math courses are commonly "gateway" courses negatively impacting student retention and graduation. Providing additional support for expanding innovative instructional methods and faculty development is expected to improve student success. Each institution in the UA system supports innovative approaches to instruction to improve student learning and success. For example, new approaches to success in 100-level math (in addition to improvements to developmental math) have been implemented in a few classes based on individual technology-based instruction using ALEKS or MyMathLab software. Summer bridge programs help get students better prepared for their initial math class. Many entering students have not taken math in a year or two and need a refresher. Students taking advantage of summer bridge programs have been able to jump a course when starting their fall semester; this improves their progress toward their degree and retention.

- **UAS Summer Bridge, Early College Advising and Programs**

  FY10 (GF: $175.0, Total: $175.0)

  Early College Academic Initiative will attract high school juniors and seniors to UAS while they are still in secondary school, as well as to academically support college freshmen so that they are retained through to graduation. Students will learn study habits and develop workplace skills to prepare them for the workplace and career pathways. This will be accomplished through aggressive promotion of dual credit and the College Connection, as well as building upon the regional success of Tech Prep programs. According to the current literature in enrollment management, advising is a critical component of both recruitment and retention of program students, which is the number one goal for UAS over the next five years. The resources currently dedicated to both recruitment and retention efforts are insufficient and this initiative will provide "One" position stationed outside of southeast to provide off-site access to resources generally available at the three UAS campuses and throughout the region.

- **UAA Alaska Native Science and Engineering Program (ANSEP)**

  FY10 (GF: $300.0, NGF: $20.0, Total: $320.0)

  This funding will institutionalize the ANSEP Pre-College component, nationally recognized as a suite of proven academic activities that motivate high school students to complete the challenging science and math coursework necessary for success in University engineering and science BS degree programs. ANSEP Pre-College is a UAA based program that currently works with students from 50+ high schools around the state with graduates enrolling at UAA, UAF, and UAS. Funding will provide for salary and benefits for two ANSEP Regional Directors' travel to rural communities, distance tutoring equipment, tutoring support, and academic enrichment activities.

- **SW Institutionalize Program Support for Tech Prep**

  FY10 (GF: $300.0, Total: $300.0)

  This funding will support a three-year plan to replace soft funding (Carl Perkins) for Tech Prep across the system. The UA system will retain permanent staff to oversee UA Tech Prep protocols and processes, institutionalize Tech Prep outreach and training services across the system, retain regional coordinators to expand services to rural sites, and fund program activities, such as travel, professional development, and continuation of a statewide tech prep consortium with secondary, postsecondary, and industry representatives.

- **SW UA Career Pathway Development, Outreach, & Planning**

  FY10 (GF: $150.0, Total: $150.0)

  Funding will be used to conduct cross-MAU career pathways planning with external partner forums, expand career pathways program level and cluster-level publications to all MAUs and extended campuses, create consistent career pathway websites linking all MAUs, and emphasize pathways from high school to post-secondary to professional development.

- **UAS Outreach and Retention Specialist**

  FY10 (GF: $94.3, Total: $94.3)

  This funding supports the School of Education's recruitment and retention plan for students in teacher preparation programs at both the graduate and undergraduate levels. Working with established programs such as PITAAS and the UAS admissions office, this person will work with schools and K-12 students in southeast Alaska. In addition, this position will interface with Arts & Sciences faculty and student services to develop plans and opportunities for student success. This position will have a direct impact on increasing student enrollment and completion in the UAS teacher education programs.

Outreach, Testing, Placement and Teacher Preparation
(GF: $1,138.1, NGF: $250.0, Total: $1,740.0)

- **UAA Efficient Progress Toward Degree/Goal Completion-Early Assessment, Placement, and Educational Advising**

  FY10 (GF: $459.0, NGF: $40.0, Total: $499.0)

  UAA plans to adopt required assessment, educational advising, and placement for all new certificate- and degree-seeking students to increase college readiness, student success, and efficient progress toward graduation/educational goal completion. Requested is funding for new academic development/student success professionals and increasing part-time student success coordinators to full-time positions to handle the student demand at the Anchorage ($299), CTC ($40) Kenai Peninsula ($80), and Kodiak ($40) campuses. Funding for early assessment/placement testing by the Anchorage campus and UAA community campuses is also included in this funding request.

- **UAA Health Student Success Coordinator – UAA**

  FY10 (GF: $52.0, NGF: $5.0, Total: $57.0)

  The UAA Allied Health Sciences (AHS) Student Success Coordinator (SSC) is instrumental in student and faculty support within the Allied Health Division. In 2007, the SSC has had contact with over 150 students, not including contact made at career fairs. It is estimated that the SSC has made contact with over 200 general attendees at health and general career fairs. The SSC works with students and faculty to assure students are prepared for their courses by working through technical issues related to the distance delivery of courses and ensuring students have received all course materials. The SSC also works with partner campuses through UAF and UAS to establish a statewide effort to promote student success in the Allied Health programs. As many distance students are in an area other than where they take classes, this collaboration with partner campuses is becoming increasingly important to support students. Currently, this position is funded through grants and this request is to provide base funds for this activity (one FTE staff position).

- **SW Systemwide Marketing/Outreach**

  FY10 (GF: $400.0, NGF: $400.0, Total: $800.0)

  This funding will support marketing and outreach efforts to potential college students, their parents and others important in influencing their postsecondary training and education decisions. Marketing and outreach efforts will highlight career opportunities and the necessary preparation required to succeed in career fields essential to Alaska's future. Alaska vocational and workforce occupations require training. UA, AVTEC and unions share training responsibilities; in addition UA provides the certificate and degree programs for key legacy jobs. Many Alaskans view training and degree programs as out-of-reach; however, these training programs result in significant added earnings. The message that workforce training and college education pays is evidenced by a consistent 15 percent post-training wage increase from taking as little as a single training class to achieving a degree. In fact, one and two year programs in health, process technology and applied business have resulted in individual earning increases after training of more than 100%. This funding replaces temporary and one-time sources currently used for this purpose.

- **UAF Special Education Teacher Preparation**

  FY10 (GF: $142.1, NGF: $27.2, Total: $169.3)

  Special Education faculty are UAF's highest priority in this area: one new tenure-track faculty position, and the portion of salary and benefits for one faculty position that was underfunded when UAA returned it to UAF. The requested positions will allow the UAF SoEd to fulfill the role assigned to it through a three-year UAA/UAS/UAF planning process to establish a statewide, collaborative UA Special Education endorsement/M.Ed. degree program. UAF will have responsibility for so-called "low incidence" areas. Although these disabilities are less common than some, there is a marked shortage of qualified teachers for these children. UA currently offers no teacher preparation programs, endorsements, or degrees in low incidence areas of special education (e.g. autism, multiple disabilities, severe and profound developmental disabilities) which are being identified in Alaska's school children with increasing frequency. Deans Harris and Snyder, and the Teacher Preparation Planning Group, support this UAF SOE request. Urban as well as rural districts have shortages of special education teachers, and in particular FNSBSD identifies this as its greatest need.

- **UAF School of Education Program Access Through Distributed Teaching and Learning**

  FY10 (GF: $85.0, NGF: $54.4, Total: $139.4)

  The goal is to increase the number of UAF School of Education graduates who accept teaching positions in rural communities by increasing opportunities for them to complete their teaching internship in rural schools. The increment would support: Travel for direct faculty supervision of interns in high need schools outside Fairbanks; A pilot program to develop new supervision models to reduce dependence on travel in the future, e.g. videoconferencing, stipends for school district personnel to assume supervision roles; Staff/faculty instructional technology software/hardware updates to support an increased level of distance delivery of coursework and remote supervision of internships.

Energy, Engineering, Climate **(GF: $3,823.4, NGF: $7,100.0, Total: $10,923.4)**

Energy and Cooperative Extension Service
(GF: $1,438.4, NGF: $4,000.0, Total: $5,438.4)

- **UAF Alaska Center for Energy and Power**

  FY10 (GF: $500.0, Total: $500.0)

  Alaska's world class energy resources -- including oil, gas, and coal -- are the source of much of the state's wealth. In Alaska, we have unique challenges and opportunities associated with developing our energy resources, and the university seeks to fulfill the need for basic and applied energy research at a critical time in our state's history. Alaska's rural communities have reached a crisis level in the escalating cost of energy. Along the Railbelt, traditional fossil fuel based resources used for power generation, such as Cook Inlet natural gas, are in decline. Yet the state consumes 40 percent more fuel per capita than any other state, and more than three times the national per-capita average. New energy research and testing is needed for the short and long term to lower the cost of energy throughout Alaska and develop economic opportunities for the State, its residents, and its industries. This increment is to sustain and build upon the initial investment of the Institute of Northern Engineering in the Alaska Center for Energy and Power (ACEP). It will provide salary for the ACEP Director; a full-time director is needed for the sustainability of the energy program, and to set the course for future energy research both at ACEP and across the university system. Support staff positions will manage grants and contracts and supervise the acquisition, maintenance, and operation of energy research equipment.

- **UAF Cooperative Extension Service and Energy Outreach**

  FY10 (GF: $450.0, Total: $450.0)

  The request represents three faculty positions to provide outreach programs that will promote community development and positive youth development, and that will provide information on conventional and alternative energy sources and energy conservation. These positions will be located in Anchorage, Bethel, and Kenai. In addition, a fourth faculty position is included that will be located in Fairbanks, working in association with the Alaska Center for Energy and Power (ACEP). That individual will act as liaison with communities, to inform ACEP of energy-related problems and local resources, and to transmit information from ACEP to communities. Further, the individual will develop energy related extension materials for use statewide.

- **UAA Critical Faculty-Energy Economist**

  FY10 (GF: $88.4, NGF:$99.7, Total: $188.1)

  The Institute of Social and Economic Research requests funding for a permanent, tenure-track, faculty economist specializing in energy economics and policy. This faculty member will lead ISER's and UAA's efforts to understand, project, and communicate the economic effects of higher energy prices and rapid climate change in the North, including the effects on Alaska of national climate policy such as carbon pricing or cap-and-trade. The position would: 1) leverage existing ISER energy economics efforts and seize major new opportunities for external support (EPA, NSF, NOAA); 2) provide capacity to partner with the UAF Alaska Center for Energy and Power (ACEP) and to address socioeconomic aspects of Scenarios Network for Alaska Planning (SNAP) and Resilience and Adaptation EPSCoR initiatives; 3) Meet a critical state need by supporting the state's response to energy prices and climate change; and 4) help ensure the student success of a new generation of UAA graduates in professional and leadership positions in a carbon-constrained world by teaching two courses a year.

- **UAF Critical Faculty Leaders on Geothermal Technologies and Exploration, Renewable Power, and Alternative Fuels**

  FY10 (GF: $400.0, Total: $400.0)

  UAF expects $400k/yr to be administered by ACEP faculty to be housed in institutes across the University. The director of ACEP will have the discretion to negotiate with institute directors to determine where the expertise is needed, for how long, and in what type of faculty position. $400k/yr is the equivalent to 2.5 full-time faculty positions. UAF will not seek to fill these with "standard" full time faculty, however. UAF attracts top faculty from around the country into visiting and term positions. In this way UAF will remain expert, dynamic, responsive, and timely. The areas of leadership expertise are geothermal technologies and exploration, renewable power (e.g., wind, solar, bio- and hydrokinetic), and alternative fuels.

Engineering
(GF: $1,560.0, NGF:$600.0, Total: $2,160.0)

- **UAA Bachelor of Science in Engineering (BSE) Faculty**

  FY10 (GF: $450.0, NGF: $60.0, Total: $510.0)

  Much of the doubling in student credit hours in the School of Engineering in the past several years is the result of growth in the Bachelor of Science in Engineering (BSE) program. The requested funds would allow for the hiring of three additional faculty to teach the newly created upper division courses required for graduation, and provide some funds for startup lab activities. The BSE program has three specializations – Electrical Engineering, Mechanical Engineering, and Computer Systems Engineering, with each specialization under separate ABET accreditation review. With these hires, the department should be approaching the full quota of faculty required to accredit and sustain the program to meet Alaska's growing needs.

- **UAF Engineering science core instructor support**

  FY10 (GF: $100.0, NGF: $46.8, Total: $146.8)

  Fall 2007 enrollment data produced by the UA Statewide Office of Institutional Research indicated that the number of freshmen enrolling in CEM programs increased 95% compared to fall 2006. Current data indicate an additional increase of 25% in undergraduate applications and 70% in graduate applications for the fall 2008 semester. Recent enrollment increases have already begun to impact the general engineering science (ES) classes taught by the college. ES classes are not associated with individual departments. Rather, they typically serve a number of different degree programs in the college. A non-tenure track instructor is seen as an effective way to meet the demands of these lower level ES courses.

- **UAF Mechanical engineering faculty in alternative energy**

  FY10 (GF: $120.0, NGF: $100.0, Total: $220.0)

  One additional faculty position in Mechanical Engineering (with expertise in alternative energy) is requested to meet the demands of increasing enrollment and research opportunities in energy. Recent enrollment data has shown a significant increase in mechanical engineering (the ME program is expected to have the largest group of entering freshmen in the college for fall 2008). These enrollment increases will tax faculty resources in mechanical engineering over the next few years as this new cohort of students progresses through the program.

- **UAF EE/CpE Faculty to support computer engineering program**

  FY10 (GF: $120.0, NGF: $100.0, Total: $220.0)

  CEM began offering a degree in Computer Engineering in the fall of 2005. Since that time the number of students in the Computer Engineering program has increased substantially, and is now well in excess of 25 students with further increases indicated for the fall of 2008. A new faculty position is now needed to meet the demands of increased enrollment in this program.

- **UAF Engineering student success lab**

  FY10 (GF: $75.0, NGF: $150.0, Total: $225.0)

  The Engineering Tutoring Lab will provide academic support for mainly freshman and sophomore students. Successful upper division students will be hired to tutor the lower division students in a host of beginning engineering (and associated) courses. The freshman and sophomore years are when we fail to retain the majority of our non-continuing students.

- **UAF Petroleum engineering faculty to support increased enrollments and chemical engineering**

  FY10 (GF: $120.0, NGF: $100.0, Total: $220.0)

  Student enrollment in Petroleum Engineering grew 32% between 2005-06 and 2007-08 and we anticipate further enrollment growth this coming fall (current student registration trends are showing an increase of an additional 30% as compared to fall 2007 numbers for entering freshmen). In addition, we plan to begin offering some chemical engineering courses utilizing petroleum and mechanical engineering faculty members. These trends and plans are placing additional demands on the petroleum engineering faculty and we anticipate that one additional faculty member will be needed in this area.

- **UAA Community & Technical College Architectural and Engineering Tech Faculty**

  FY10 (GF: $70.0, NGF: $20.0, Total: $90.0)

  The Construction and Design Technology (CDT) department requests funds to hire one additional AET faculty member. The department's two programs, Architectural and Engineering Technology (AET) and Construction Management (CM) prepare architectural/engineering technicians and construction managers in support of the construction industry. The two programs share a core of six cross-listed classes.

- **UAF Graduate student assistantships to support growth in engineering**

  FY10 (GF: $100.0, Total: $100.0)

  UAF is requesting support for three graduate student teaching assistantships. The TAs will support the growth in engineering programs, which has increased the demand for service courses in the College of Natural Sciences and Mathematics (CNSM). TAs will be allocated to chemistry, physics, mathematics and geology as demand warrants. TA support has been the highest priority budget request from CNSM for several years. Increasing the number of TAs in CNSM benefits UAF as a whole because CNSM has a large service role to the university in teaching Core science and other science courses required by many majors. The College as a whole typically can only budget approximately half the number of TAs needed to support our courses.

- **UAF Physics and Mathematics Support for Engineering Students**

  FY10 (GF: $105.0, NGF: $35.1, Total: $140.1)

  The request is 1/2 tenure track faculty position in mathematics to teach upper division service courses and 1/2 tenure track faculty position in physics. The Department of Mathematics and Statistics is currently unable to offer all the courses that are in demand by programs across campus. The recent increase in the numbers of engineering majors makes this problem even more acute. Math sections in upper division courses such as differential equations already frequently have enrollments of about 50 students. In lower division courses, the demand is even more pronounced. It is important to maintain optimally sized courses in mathematics as retention in many mathematics courses is problematic. A comparison of faculty numbers at similarly sized institutions during the last departmental program review showed that we have fewer faculty per number of math students than other comparable institutions. For the Department of Physics, we are requesting faculty support that we can augment with college funds that will allow up to four courses of lower division physics courses per year to be taught. This support would provide funds for additional offerings of high demand physics courses required by a number of students across campus. Notably, PHYS 211-212 is an important course required by a number of majors including engineering. Demand has increased in recent years such that there are about 40+ students (mostly engineering majors) currently who take advantage of the 211-212 "trailer" sequence, which restarts the sequence in spring semester. We also have increased demand for PHYS 103-104 with a recent requirement that biology students take this sequence.

- **UAA Engineering, Science and Project Management Faculty**

  FY10 (GF: $300.0, NGF: $20.0, Total: $320.0)

  The highest demand for School of Engineering graduate programs has been in the Engineering, Science, and Project Management (ESPM) Department. The high growth has occurred by the efforts of an extremely dedicated Department Chair, one additional funded faculty line, and a set of talented professionals who serve as adjunct faculty, on the basis of tuition revenues and soft funding from an extensive set of training courses. The M.S. in Project Management in September 2007 became one of only 13 programs worldwide to receive accreditation from the Project Management Institute (PMI), positioning UAA at the leading edge of development in this new academic field that is needed wherever there are critical or risky infrastructure projects. Currently, Project Management is partially funded with super tuition. With the elimination of super tuition, and new state funding, enrollments could double. The new funding for two faculty positions would buttress the ongoing efforts to form a Strategic Center of Project Excellence (SCOPE), and provide the critical mass of full-time faculty to offer a professional doctorate in program management. In addition, the department would be sustainable in the long term by attracting and retaining high quality faculty who will advance the full teaching, service and research mission.

Climate
(GF: $825.0, NGF: $2,500.0, Total: $3,325.0)

- **UAF Climate Adaptation: Information on Climate Change to Inform Planning and Preparation (ACCAP)**

  FY10 (GF: $150.0, NGF: $82.6, Total: $232.6)

  Although this request is entered by IARC, it is submitted on behalf of multiple research entities at UAS, UAA and UAF to carry out research that is called for in the Alaska State Legislature's Climate Impact Assessment Commission (http://www.housemajority.org/coms/cli/cli_finalreport_20080301.pdf). A climate change consortium is being formed across the UA system to enable our researchers to be more responsive to Alaska's needs for research into preparing for and adapting to a changing climate. UA has considerable expertise and visibility in its research on climate change. The UA expertise covers a range of activities and subjects from field experiments across the Arctic, to modeling future changes as well as quantifying shifts in society land and resource use patterns. This consortium will coordinate, strengthen, enhance and expand the research and outreach capacity of UA's climate change research endeavors with a specific purpose to address Alaskan needs with respect to a changing climate.

- **UAF Climate Change Impacts on Transportation (UATC)**

  FY10 (GF: $250.0, NGF: $82.6, Total: $332.6)

  These funds provide a portion of the match requirement for the University of Alaska Fairbanks, Alaska University Transportation Center (AUTC). Much of the match requirements have resulted in reallocating existing university funds. AUTC funds require non-federal match and will be redirected to universities outside of Alaska when match requirements are not met. These matching funds will result in considerable leveraging with UA's Engineering programs and a more significant suite of AUTC project goals. For more information on this program see http://www.uaf.edu/ine/AUTC/AUTCindex.html .

- **UAF Ecological Modeling: Responses of Biological Systems to Climate Change**

  FY10 (GF: $200.0, NGF: $82.6, Total: $282.6)

  This request for a $200K increase to the UA operating budget will be used for creating core support for research faculty and staff to sustain long-term monitoring and understanding of environmental, ecological and social change in Alaska that will leverage new research and education federal funding initiatives. These faculty positions will help develop newly emerging research programs in ecological monitoring and provide the key personnel necessary for forming coordinated ties among other existing and developing monitoring and research programs within the UA system, such as the Institute of Arctic Biology, International Arctic Research Center, and Institute of Northern Engineering at UAF. These positions are also critical for forming new interdisciplinary linkages to state and federal agencies as the State moves forward to understand and adapt to rapid physical, biological and cultural changes.

- **UAF High Resolution Localized Forecasts for Managers and Policymakers (SNAP)**

  FY10 (GF: $225.0, NGF: $82.6, Total: $307.6)

  SNAP (Scenarios Network for Alaska Planning) is a collaborative network of the University of Alaska, state, federal, and local agencies, NGOs, and industry partners, whose mission is to provide timely access to scenarios of future conditions in Alaska for more effective planning by decision-makers, communities, and industry. Funds are requested to support two faculty, in Anchorage and Fairbanks, plus the networking and outreach activities. The primary products of the network will be (1) geographically defined predictions of future conditions that are linked to present and past conditions, (2) objective interpretations of these scenarios, and (3) detailed explanations of the methods and assumptions underlying the projections. Environmental conditions are changing so rapidly in Alaska and surrounding seas that it is increasingly difficult to develop well-informed plans including ocean navigation, pipelines, roads, urban expansion, community relocation, and management of fisheries and wildlife. SNAP is a pragmatic plan to facilitate integration of the University of Alaska's world-class high-latitude research capabilities and deliver timely information and interpretation of climatic, ecological, and economic change to public decision-makers (managers, policy-makers, and planners), communities, and industry. Needs of planners, decision-makers and other users will determine the types of climatic and other information that will be the products of the project.

Health Programs **(GF: $3,073.2, NGF: $3,700.0, Total: $6,773.2)**

BioMed Capacity
(GF: $1,229.3, NGF: $3,200.0, Total: $4,429.3)

- **UAF Joint UAF/Public Health Laboratory (DHSS) position in Virology**

  FY10 (GF: $75.3, NGF: $50.0, Total: $125.3)

  This is the joint UAF/State of Alaska Public Health Laboratory position described during the planning for the new State Virology Laboratory on the UAF campus. This joint appointment is intended to foster UA and State of Alaska collaboration. Research and teaching will be in public health and/or of microbiological diagnostics, microbial genotypes, genomes, and genomics. Applications might include: 1) surveillance of existing, emerging, and re-emerging pathogens in people, animals, and environments in Alaska, 2) identification, characterization, and pathogenicity of new isolates, 3) development and validation of laboratory protocols for Alaska conditions, 4) changes in the prevalence of Alaska's disease pathogens in the face of climate change, 5) evaluation of vaccines and preventative health measures, and 6) safety of Alaskan subsistence and other foods.

- **UAF Faculty position in Virology and Infectious Disease**

  FY10 (GF: $100.4, NGF: $100.0, Total: $200.4)

  This faculty member would build biomedical research in INBRE theme area of infectious disease. Potential research disciplines include pathogenesis, viral characterization, virus-host specificity, adaptations to vectors, epidemiology, or viral ecology in Alaskan environments. The applications could include: 1) changes in pathogens (zoonotic or vector-born disease agents) that are correlated with changing climate, 2) viral prevalence and viability in Alaska field environments, 3) food-borne infections, 4) microbial metagenomics in the digestive tracts of Alaska wildlife and people, and 5) impacts of contaminants on digestive microfauna and microflora.

- **UAA Integrated Science Building Animal Research Facility Manager**

  FY10 (GF: $70.0, NGF: $10.0, Total: $80.0)

  Completion of the Integrated Science Building and occupancy will occur in Fall 2009. This 120,000 square foot facility extends the research and teaching capacities within the sciences and will have an impact on the entire campus through backfill and additional classrooms and lecture halls, and through campus-wide support of chemical hygiene and animal care. Funding is requested to cover the cost of the animal research facility manager housed within this new facility.

- **UAA Integrated Science Building Veterinarian**

  FY10 (GF: $60.0, NGF: $5.0, Total: $65.0)

  The animal care facility (vivarium) which will be located in the new Integrated Science Building will house research animals for other programs both on and off campus. Federal guidelines require veterinary services to care for animals. Lack of such a facility has been limiting to UAA programs as well as biomedical and environmental interests in local agencies, but without required staff to operate such a facility, the space cannot be used. Funding is requested for a part-time veterinarian position to meet the federal regulations for the vivarium.

- **UAF Faculty position in Immunology**

  FY10 (GF: $100.4, NGF: $100.0, Total: $200.4)

  This faculty position will build biomedical research in INBRE theme area of infectious disease. Research and teaching will be in basic and functional immunology and immune defenses against infection. The potential research and teaching disciplines could be at the level of organismal, cellular, or molecular immunology. Preference would be given to candidates who work on comparative immunology using animal models.

- **UAF Veterinary Services Animal Health Technician**

  FY10 (GF: $95.2, Total: $95.2)

  A full-time Animal Health Technician is needed to accommodate maintenance of research and clinical support services, including but not limited to: prescription and controlled substances, surgery and anesthesia support services (including training program), clinical and research imaging, and medical/husbandry records, and help with clinical/research service laboratories in the BiRD building. This technician provides support services to maintain the animal care program, coordinates research and teaching use of the surgical suite and clinical pathology service lab, provides support for experimental protocols involving research animals, and helps train faculty, students, technicians, and staff in experimental methods, animal handling techniques, blood draw, biopsy, anesthesia, surgery, and analytical techniques. The individual will report to the attending veterinarian. This increment (along with #405) will complete transfer of Veterinary Services to the Center for Research Services to accommodate the campus-wide mandate of a research animal care program. This will correct the cost accounting error of previously placing this position in a recharge center, satisfy the regulatory requirement for lines of authority, and eliminate the conflict of interest problem.

- **UAF Veterinary Services Laboratory Technician**

  FY10 (GF: $95.2, Total: $95.2)

  A full-time Veterinary Services Technician is needed to oversee diagnostic/research service laboratories in the BiRD building and adjacent UAF space in the State Virology Laboratory. This technician provides support services to maintain the animal care program, coordinates research and teaching use of necropsy suite and diagnostic service labs, and provides regulatory support including training in experimental methods and analytical techniques for faculty students, technicians, staff. The individual will report to the attending veterinarian. This increment (along with #405) will complete transfer of Veterinary Services to the Center for Research Services to accommodate the campus-wide mandate of a research animal care program. This will correct the cost accounting error of previously placing this position in a recharge center, satisfy the regulatory requirement for lines of authority, and eliminate the conflict of interest problem.

- **UAA Stress Physiology Faculty Position**

  FY10 (GF: $100.0, NGF: $25.0, Total: $125.0)

  This position is requested for the UAA Department of Biological Sciences to augment departmental expertise in biomedicine by hiring a physiologist that focuses on the cellular and molecular basis of stress. The successful applicant's expertise will dovetail with past federal initiatives (AK EPSCoR I: Extreme Physiology, INBRE I: Infectious Diseases and Toxicology) and is intended to fit with the INBRE II Cellular basis of disease focus area. Stress, broadly defined as any external source of damage to the cell or organism, impacts all aspects of human physiology and, by extension, health. This position will also create opportunities for collaboration with other programs beyond Biological Sciences at UAA, including Public Health, Nursing and Psychology.

- **UAF Post-doctoral support for biomedical and behavioral health research**

  FY10 (GF: $200.0, Total: $200.0)

  Funds are requested to support post-doctoral researchers working in INBRE theme areas of infectious disease and/or toxicology. Active and continuing support for post-doctoral researchers is needed for a successful biomedical research program. Postdocs provide cutting-edge knowledge and help in providing connections between leading research programs internationally, promoting synergy leading to rapid progress.

- **UAA Clinical/Translational Science Faculty (WWAMI)**

  FY10 (GF: $150.0, NGF: $20.0, Total: $170.0)

  This position will bring a well-funded, mid-career biomedical scientist to the UAA campus who will catalyze development of the burgeoning biomedical research effort in the U-Med District in Anchorage. The requested salary is appropriate to the level of the hire. Clinical Translational Science is the highest priority of the National Institutes of Health, the federal agency that funds most biomedical research in the US. The incumbent will be the liaison for UAA to Alaska's INBRE, COBRE, and SNRP programs and to the University of Washington's $63 million Clinical Translational Award which is mandated to serve the northwest region.

- **UAS Faculty Buyout**

  FY10 (GF: $36.8, Total: $36.8)

  UAS has two faculty who are included in INBRE as affiliate faculty and may apply for research support if they can reduce their teaching load.

- **UAS Competitive Research Match Funds**

  FY10 (GF: $50.0, Total: $50.0)

  UAS routinely has many more opportunities to generate research support, but cannot find adequate match money to meet requirements. The requested funds will enable UAS to match and leverage at least another 50.0 in research support, thereby increasing research output and opportunities for meaningful research experiences among undergraduates.

- **UAF Graduate student assistantships to enhance biomedical programs and research**

  FY10 (GF: $96.0, Total: $96.0)

  UAF is requesting funding for three graduate student teaching assistantships. The TAs will support courses that enhance UAF's expansion into biomedical programs and research. TA support has been the highest priority budget request from the College of Natural Sciences and Mathematics (CNSM) for several years. Increasing the number of TAs in CNSM benefits UAF as a whole because CNSM has a large service role to the university in teaching Core science and other science courses required by many majors. The College as a whole typically can only budget approximately half the number of TAs needed to support our courses. The move in the biological sciences and biochemistry toward a more cellular, molecular and human health focus, which requires more laboratory instruction, has made the need for TAs greater. While the justification for hiring TAs presented here is based on course demands for TAs to assist with courses, it is very important to understand that TAs in the college also serve a critical role in supporting biomedical and other research at UAF, since TA-ships serve to support graduate students only partially funded by research dollars.

Academic Programs(GF: $1,843.9, NGF: $500.0, Total: $2,343.9)

- **UAS Career and Health Coordinator**

  FY10 (GF: $80.0, Total: $80.0)

  Juneau's Student Success Coordinator (SSC) provides advising and program information to students prior to and after enrollment in workforce occupation programs. The SSC offers ongoing assistance to faculty and students with course start up and technological problems. They connect students who need specific academic and response has been very positive and reflected in the significant Health Occupations program growth as measured by health major enrollments over the past five years.

- **UAA Clinical Rotations/Health Pipeline**

  FY10 (GF: $300.0, NGF: $20.0, Total: $320.0)

  The university and several industry partners have been engaged in the past several years in collaborative efforts to encourage Alaskans into health careers, support health students to select employment in underserved areas and with underserved populations, and reduce attrition of health workers in underserved areas by providing and coordinating clinical education. This has been accomplished under the auspices of the Area Health Education Center (AHEC), and supports the geographic areas of Yukon-Kuskokwim Delta, Interior, and Southcentral Alaska. While these activities to develop and support the health workforce in Alaska have been funded through a federal grant up to the present, it is understood that federal resources will diminish over the next few years, and must be replaced by non-federal resources, as is intended by the federal program. This budget request will enable more resources to be available to the Centers in Bethel, Fairbanks, and Anchorage to carry out coordination of clinical rotations, continuing education and pipeline activities. Requested is funding for .9 FTE for clinical rotations, .33 FTE to evaluate Health Career Academies, market website, administer loan repayment program, and .5 FTE staff support, and contractual services for Health Career Academies.

- **UAA Distance Social Work Program**

  FY10 (GF: $151.5, NGF: $20.0, Total: $171.5)

  The Distance Master of Social Work (MSW) Program was created as the result of a partnership between the University of Alaska (UA) and the Alaska Mental Health Trust Authority (AMHTA) in FY03. The distance program was funded with general funds in 2007 upon completion of the four-year budget cycle of the UA and AMHTA statewide initiative process. In an effort to substantially increase the number of graduate prepared social workers statewide, the 2006 UA and AMHTA Behavioral Health Initiative Program (BHIP) funded an expansion of the Distance MSW Program that added a second cohort to the distance program, doubling the number of students in the distance program. The loss of BHIP funds in FY09 will result in the elimination of the expansion cohort, making it only possible to admit students to the distance program once every four years rather than two. The MSW expansion added 15 graduate students to the distance MSW program, producing 15 SCH each for a total of 225 sch/year. Requested are base funds to hire one FTE faculty position and .5 staff position, and related travel support costs (oversight of field practicum placements).

- **UAA Human Services Practicum Coordination**

  FY10 (GF: $108.0, NGF: $5.0, Total: $113.0)

  The Human Services Department is requesting funding for additional personnel to meet accreditation guidelines. The department reaccreditation application is to be considered by the Council for Standards in Human Service Education (CSHSE) during the October 2008 meeting. The request is also made to continue successfully train human service generalists to meet Alaska's behavioral health needs. The Human Services department serves approximately 400 majors and maintains an average graduation rate of 80 students per year, approximately 29% of whom are ethnic minorities. The present staffing pattern is not sufficient, creates serious concerns regarding the department's upcoming reaccreditation and does not allow the department to meet student and employer needs. This incremental request seeks funding for a FT practicum coordinator and PT administrative assistant currently funded through an AMHTA grant and other soft funding.

- **UAA Pharmacy Careers Faculty/Liaison**

  FY10 (GF: $160.0, Total: $160.0)

  The health care industry in Alaska has been calling for assistance with the pharmacist shortage in the state for nearly a decade. The vacancy rate for this profession was approximately 24% in 2007, with an estimate of nearly 100 vacant positions. The Alaska Department of Labor projects a need for nearly 180 additional pharmacists in the decade ending in 2012. It is expected that during the 2008-09 academic year, potential partner schools will be identified and at least one selected to bring a pharmacy program to Alaska. In order to effectively host such a program and coordinate the involvement of interested pharmacists and faculty from across the state, a pharmacy faculty/liaison will be required. This individual will also advise students, and implement and manage the UA pre-pharmacy track. This request will cover 1 FTE faculty/liaison position and related support costs.

- **UAA Physical Therapy Careers Faculty/Liaison**

  FY10 (GF: $104.8, NGF: $10.0, Total: $114.8)

  This proposal is for hiring of a faculty/liaison to coordinate three related efforts at the University of Alaska Anchorage: development of a clear pre-physical therapy track (part of the Bachelor of Science in Health Sciences program), development of a partnership with one or more physical therapy schools to offer PT education in Alaska, and facilitation of a partnership with Whatcom Community College (WCC) in Bellingham, Washington or other institution to offer a physical therapy assistant program in Alaska. Interest was generated in this partnership through a health industry partner. Initially, 6-10 students will be admitted in the first cohort, but there is opportunity for larger numbers of students to begin the preparation process as soon as the partnerships are in place and pathways advertised. This proposal requests funding for an Anchorage-based clinical faculty to coordinate and supervise clinical education of an Alaska distance learning cohort, as well as to coordinate pre-physical therapy and PT and PTA partnerships.

- **UAA Physician Assistant Program Expansion**

  FY10 (GF: $249.3, NGF: $20.0, Total: $269.3)

  MEDEX Northwest has been training physician assistants (PAs) for Alaska's communities since 1972. Since 1981, six to ten Alaska students annually have been accepted and they have attended the first year of training in Washington. The 2006 Alaska Physician's Supply Task Force Report established that there is a looming shortage of medical providers in Alaska. The report prompted state policymakers and educators to take action to address these shortages. This proposal to expand the UW MEDEX/UAA Physician Assistant program in Alaska is part of the solution to assuring that Alaskan's future health care needs are met. Expanding the MEDEX Program to an Anchorage training site will enhance opportunities for Alaskans to obtain their PA training without having to leave the state. The projected MEDEX/UAA program is 24 months long with the first year classroom portion to be delivered in Anchorage on the UAA campus. The second year consists of clinical rotations delivered throughout Alaska and regionally. There will be increased enrollment in this program, from approximately 10 students currently to 20-24 admitted per year, and both years will be taken in Alaska. Funding is requested for one FTE faculty, 1.5 administrative/coordination support, and related support costs for lecturers, tutors, and program supplies.

- **UAA Radiologic Technology Program**

  FY10 (GF: $48.0, NGF: $20.0, Total: $68.0)

  The UAA Radiologic Technology AAS program is offered in several locations in Alaska through use of video conferencing and online blended learning methods. While this was a profession in shortage several years ago, offering this program has greatly improved the situation in the state and it is important to maintain the gains. These funds will provide the Fairbanks-based program with stable funding, and will ensure support for radiologic technology faculty and students in that community. Four to six students per year are admitted to that site. There have been 22 graduates there since program inception in 2003 and most continue to reside and work in Fairbanks.

- **UAS Biological Sciences Laboratory Technician**

  FY10 (GF: $32.5, Total: $32.5)

  Funding is sought to expand the Sitka-based Biological Science Lab Technician position to 1.0 FTE (currently at 0.5 FTE). Since its creation (in FY01), the workload has grown substantially. Originally supporting only 1-2 classes, now 5-6 laboratory-based classes are supported each term (A&P, Microbiology and Chemistry). This support is in addition to maintaining security, routine maintenance, and ensuring the safe and proper handling, storage, and labeling of hazardous materials and hazardous waste to include the maintenance of Material Safety Data Sheets.

- **UAF Psychology Clinic**

  FY10 (GF: $174.8, NGF: $50.0, Total: $224.8)

  The UAF Clinic is the training site and behavioral health research facility for doctoral student clinicians. The Clinic creates a licensure path for both the students and new faculty, which is essential to American Psychological Association accreditation and clinical faculty recruitment. The current Psychology Clinic facility was created in the Gruening Building in 2006 using reallocated funds after the originally planned site, the UAF Student Health and Counseling Center, was eliminated as an option. UAF has no budget to operate the facility. This increment will fund baseline operations and planned growth of the clinic. Within two years, the clinic will function at full capacity as part of a four-year instructional program with double the current number of psychology PhD students and their clients. The psychology clinic also serves 80 graduate students in the UAF M.Ed. Guidance and Counseling program as their first site of practicum clinical training. Because the M.Ed. program has no budget to support this critical need, this increment assists both programs.

- **UAF Rural College Health Programs - Rural Human Services Faculty**

  FY10 (GF: $81.7, NGF: $16.0, Total: $97.7)

  The Rural Human Services Program reaches the members of our most remote Alaskan rural communities by educating their natural healers. These healers, or behavioral health aides, return to their homes, saving lives and giving hope during the darkest hours. Our elders in their wisdom guide this voyage… a counselor in every village… one village at a time. The program offers a culturally appropriate training program designed for rural human service workers. Skills and trainings are provided in services such as: crisis intervention, suicide prevention, and community development. Counseling in mental health areas such as substance abuse, interpersonal violence, grief, and healing are also offered. The Rural Human Service Program is built on Alaska Native traditional values. A unique aspect of RHS is that it integrates elders into the program design to honor their gift of wisdom while instructing students in a course blend of Native and Western knowledge, values, and principles. RHS embraces the Alaska Mental Health Board's goal to have at least one trained rural human service provider in each of Alaska's 171 villages. The additional faculty member is needed to meet this goal. The program represents multiple successful partnerships and collaborations in rural Alaska, with faculty from the University of Alaska, representatives from the Alaska Department of Health and Human Services, Alaska Native elders, over twelve Alaska Native Health Corporations and their sub-recipients, rural mental health centers, and various non-profit agencies.

- **UAF TVC Assistant Professor of Allied Health**

  FY10 (GF: $94.3, NGF: $32.2, Total: $126.5)

  UAF Tanana Valley Campus is in need of base funding for a tenure-track faculty position in its Allied Health/Medical Assisting Certificate and AAS program. We currently have one faculty member who teaches and administers Medical Assisting AAS and Certificate, Healthcare Reimbursement Certificate, and the Medical/Dental Reception Certificate. We have been asked to extend the medical assisting program to Bethel, and are in the process of doing so. We also have the opportunity to double the number of local students enrolled and graduating from our medical assisting certificate. However, this will require additional faculty resources for oversight of the program to meet our external accreditation standards, and to meet the demands of teaching during the day. If we can develop an excellent model for extending Medical Assisting to Rural locations, we would like to be able to offer a rotation of the program to other distance sites. We cannot do this until we have additional full-time faculty to support program expansion, student advising and teaching.

- **UAA Dietetics and Nutrition Program Expansion**

  FY10 (GF: $78.5, NGF: $20.0, Total: $98.5)

  Culinary Arts and Hospitality/Dietetics and Nutrition offers an Associate of Applied Science degree in Culinary Arts and a Bachelor's of Arts in Hospitality Restaurant Management degree. Further, the program maintains the only official American Dietetic Association (ADA) Clinical Dietetics Internship program in the State of Alaska. Finally, the program offers a Nutrition Minor, with 100% of course offerings available online, statewide. In 2006 a Statewide feasibility study indicated the need for a baccalaureate degree program in nutrition in Alaska. This finding, in addition to the ever-increasing rates of diabetes and obesity, along with constant (approximately 25-35) requests per year for a nutrition degree, support the strong need for a BS in nutrition and in dietetics. This request seeks funding to enable the program to offer a BS degree in dietetics and a BS degree in nutrition, and to hire an additional professor to support this effort.

- **UAA Psychological-educational Clinical Services (UAA/UAF)**

  FY10 (GF: $41.3, NGF: $5.0, Total: $46.3)

  The psychology clinics of the joint doctoral program are in-house clinics designed to meet programmatic needs (e.g., APA accreditation) and a demonstrated student and community need for psychological services. The clinics must include: Clinical operation congruent with APA ethical standards and guidelines; Faculty licensed professionals, classified staff and graduate student assistants; Software for clinic management; Behavioral health research and data management software; Psychological assessment instruments for research, screening and monitoring of client symptoms; Treatment outcomes instruments. From 2005 to 2008, the Psychological Services Center (PSC) has had a 30% increase in visits to the Center by UAA students. Funding is requested for a graduate student clinic teaching assistant, commodities and space supplies.

- **UAA Dental Programs Expanded Functions**

  FY10 (GF: $47.2, NGF: $10.0, Total: $57.2)

  Recent legislative changes resulted in an increased scope of practice for dental assistants and hygienists to include restorative functions. State statute requires coursework through American Dental Association accredited programs. Current discussion with the Alaska State Dental Hygiene Association and the UAA Dental Programs faculty have centered around an initial stand-alone course that will be available to practicing hygienists and assistants, with eventual incorporation into the curriculum of both the Dental Assisting and Dental Hygiene programs. Faculty to student ratios and cost per student are expected to mirror those of other dental coursework. This year, the ADA accreditation increased the faculty/student ratio to 1:5 from 1:6. This request covers a half-time dental programs faculty for curriculum development and teaching additional courses under the new accreditation requirements of 1:5.

- **UAA Ultrasound Faculty**

  FY10 (GF: $92.0, NGF: $20.0, Total: $112.0)

  In February 2008 the Advisory Committee for the Medical Imaging Sciences Program met and discussed the need for an ultrasound program within the state. Currently, there is a 19% vacancy rate in Alaska for ultrasonographers, which is expected to increase over the next decade. The demand in hospitals alone throughout the state in 2007 stood at 26% with an average vacancy rate of 3-4 years. This on-campus program would encompass three semesters using the cohort model. Credit hour requirements would range from 33-40 for a Certificate in General Sonography. Pre-requisites would be 6-9 of these credits, depending on student experience. One faculty will be added to the Medical Imaging program. This will allow for a 10 or 12 to 1 student ratio.

Workforce and Campus Programs **(GF: $2,341.8, NGF: $500.0, Total: $2,841.8)**

Workforce Programs
(GF: $1,216.5, NGF: $200.0, Total: $1,416.5)

- **UAS Marine Transportation**

  FY10 (GF: $127.0, NGF: $51.0, Total: $178.0)

  Replacement of WFD TVEP funding is sought to move the Ketchikan-based Marine Transportation program from soft money to GF and make it a permanent program. The existing positions were initiated as a part of the UA Workforce Development initiatives. The program serves the regional Marine Transportation training needs of the Alaska Marine Highways System and its ferry fleet additions, the Alaska Ship and Dry Dock expansion project, the Inter-Island Ferry Authority, NOAA Fairweather home port and continued growth in tourism.

- **UAA KPC Process Technology**

  FY10 (GF: $375.0, NGF: $20.0, Total: $395.0)

  Funds are requested for two faculty members and one coordinator for the Process Technology program at KPC. It is estimated that the industry demand for process operators and student interest saw the largest increase last year since the program started in 2000. Increased oil and gas exploration in various areas of the state, along with increased mining activity and construction of the gas pipeline on the horizon, indicates the demand for graduates will likely double or triple within the next 2-7 years. There is presently a 1-2 year waiting list for the KPC Process Technology introductory classes. Headcount and student credit hours have increased at the Anchorage Extension Site from 91 students and 259 SCH in 2005 to 109 students and 335 SCH in Fall 2007. The Kenai site has also increased students and SCH. Additional faculty are needed to meet the demand, and a program coordinator will enable more internships and summer job opportunities.

- **UAA Vocational AAST Program (Kodiak)**

  FY10 (GF: $90.0, NGF: $10.0, Total: $100.0)

  The Career, Vocational and Technical Program at Kodiak College is one of the fastest growing academic areas. As the program has grown from career specialty certificates in welding and occupational safety to the Associates Degree in Applied Science and Technology with an emphasis on preparing students for construction careers, a need has arisen to seek a full-time faculty to oversee the program to continue its successful development and satisfy accreditation requirements and best practices.

- **UAF TVC Law Enforcement Academy Base Funding**

  FY10 (GF: $98.6, NGF: $64.3, Total: $162.9)

  The Law Enforcement program was initially funded with start-up dollars in the amount of $64,775 in FY01. From FY02-FY04 annual funding was in the amount of $65,000 and was utilized to fund necessary equipment and the salary of the program faculty. In FY05 SB137 funding was reduced to $35,000, which is insufficient for maintenance of the program. The TVC Law Enforcement Academy conducts basic police training for Interior Alaska, rural municipalities, and employers of security personnel. The training consists of students who are both current recruit employees of a law enforcement academy as well as students who are considering a career in law enforcement. All students in the program will be seeking Alaska Police Standards Certification, which will make them eligible for employment with any of the approximately 21 State Enforcement Agencies, or the 43 municipal police departments within the State of Alaska. In addition to these agencies, many private security companies give enhanced consideration to hiring a candidate who possesses an Alaska Police Standards Council certificate. We anticipate approval of Law Enforcement as a new "occupational endorsement" at UAF, recognizing the value to students of completing this academy and securing Alaska Police Standards certification.

- **UAF NWC Bering Strait Workforce Enhancement for Business**

  FY10 (GF: $111.9, NGF: $20.1, Total: $132.0)

  The purpose of the program is to meet the identified regional need for applied business-related training. NWC faculty and staff have held meetings in seven of our regional villages with Kawerak's Education, Employment, and Training Division to identify workforce development needs. All have identified the need for training in the applied business and management cluster, including office occupations, health care management, entrepreneurship (especially reindeer industry), and small business management, accounting, and marketing. A full-time faculty member who provides leadership, consultation, and instruction to regional communities and organizations is needed to organize needs and curriculum. For the past two semesters NWC has been providing basic, introductory training to 127 students in QuickBooks and Excel. It is anticipated that many more students will be served and that we will meet the specific employer demand of Kawerak, Inc., local Native Corporations, village city offices, and NSHC (health care provider) for trained administrative staff. Currently, NWC has partnered with regional businesses and corporations who have provided funding for faculty travel, and student tuition, books, and fees.

- **UAF Interior Aleutians Campus Tribal Management Faculty**

  FY10 (GF: $90.0, NGF: $20.0, Total: $110.0)

  Tribal Management provides training in a number of high demand jobs in rural areas, including: Tribal administration, finance, Tribal justice and other areas of importance in rural Alaska. The program has graduated 38 students since its inception in 2003 and there are currently 20 students enrolled. The program is delivered by two faculty funded through grant programs. Funding for the program head is provided through Title III and this funding is scheduled to end in September 2009. The program has recently expanded to include Restorative Justice and this funding will be utilized to provide training and education in Restorative Justice and tribal court development. This training is designed to meet the growing educational demand for emerging rural judicial systems, creating qualified Tribal Court Judges, administrators, clerks and government officials. This request would stabilize the TM program by providing a GF funded tenure track faculty/program head position. This request also includes funds for travel to reach various sites in Alaska, as well as supplies, audios, and other contractual needs for the program.

- **UAA Center for Economic Development**

  FY10 (GF: $125.0, NGF: $20.0, Total: $145.0)

  The UAA Center for Economic Development requests base funding for federal match requirements for its statewide program. Since 1992, the Center has acted as a conduit between university-based resources and underserved and economically challenged Alaska communities by providing technical assistance to regional organizations engaged in planning and implementing effective economic development strategies, and conducting applied research to support statewide economic development initiatives and programs. Through its services UACED supports the launch of new businesses, the retention or expansion of existing businesses, and private sector job creation and retention. UACED also facilitates cross-communication of ideas, enhances access to existing research, and receives input into needed research. These funds will provide matching dollars to federal grants.

- **UAF Interior Aleutians Campus Alaska Roads Scholar Program**

  FY10 (GF: $99.0, NGF: $10.0, Total: $109.0)

  The purpose of the Alaska Roads Scholar Program is to promote the delivery of transportation-related training to the existing and potential rural Alaska workforce. The transportation network in rural Alaska is truly multi-modal, and includes traditional air, road, and river/marine systems as well as non-recreational ATV and snowmachine trails, boardwalks/board roads, seasonal access routes, and pedestrian facilities. The transportation system provides a critical link to employment as well as to other village infrastructure such as clinics, schools, Tribal offices and community buildings. This complex transportation network requires a trained workforce to act as Tribal or municipal program managers, as well as a skilled staff to construct, operate, and maintain village transportation facilities. The Alaska Roads Scholar program is creating an Occupational Endorsement modeled after the Rural Utilities Business Management Occupational Endorsement (currently in development in cooperation between the Interior-Aleutians Campus and the Cooperative Extension Service) that will provide opportunities for credit as well as CEUs for training. The OE courses are being developed through the Construction Trades Technology program and the Tribal Management program. The Alaska Roads Scholars Program will allow interested students to pursue certificates and degrees in Construction Trades Technology, Tribal Management and the Bachelor of Technology.

- **UAF Interior Aleutians Campus Construction Trades Technology**

  FY10 (GF: $100.0, NGF: $20.0, Total: $120.0)

  The Construction Trades Technology (CTT) Certificate and A.A.S. prepares local rural residents for jobs created by tribal organization's rural capital projects. In 2006, regional housing authorities had a budget of 98 million dollars. The Denali Commission is planning to build 50 more rural clinics; 87 are currently under construction. I-AC has successfully piloted training and developed the degree program using grant funds. The program currently has two grant funded faculty. Funding for the program head is provided through Title III and HUD. Both grants are scheduled to end in September of 2009. Since 2005, I-AC has trained 310 students in the CTT field. 65 students have completed a CTT certificate and started on the CTT A.A.S. degree as of Spring 2008. This request would stabilize the CTT program by providing a GF funded tenure track faculty/program head position for the CTT program. This request also includes money for travel to reach various sites in Alaska, as well as money for supplies, audios, and other contractual needs for the program.

Advanced Indigenous Studies
(GF: $335.3, NGF: $150.0, Total: $485.3)

- **Graduate Student Success with a Focus on the Indigenous Studies Ph.D. Program**
  FY10 (GF: $117.6, NGF: $140.0, Total: $257.6)

  This funding request will provide support for the interdisciplinary Indigenous Studies Ph.D. program and the UAF collaboration with the University of the Arctic. UAF delivers an interdisciplinary Ph.D. program that allows an individual student to meet his/her goals to support their career plan, and an interdisciplinary Indigenous Studies Ph.D. proposal is under review. There is a call to increase the number of interdisciplinary Ph.D.s who can integrate cultural and societal perspectives with the technological and discipline oriented science and business world. This request uses a three-pronged strategy to address this. (1) Increase the financial support to Alaska Native and under represented minority students by using the three graduate stipends and six summer tuition support awards; this funding includes the required match to the recent major Mellon Foundation gift; (2) Enhance recruiting of students to the interdisciplinary Ph.D. programs at UAF; (3) Partner in a leadership role with the other Arctic Universities to increase indigenous participation in Ph.D. programs. Also, the increment will lower barriers to successful graduation by providing focused and quality staff support for students and U Arctic activities. The successful students will be future leaders for Alaska.

- **UAF Indigenous Studies Ph.D./Alaska Native Knowledge Network**
  FY10 (GF: $217.7, NGF: $75.0, Total: $292.7)

  The requested funding will provide administrative and academic support of Masters and PhD candidates associated with the graduate areas of Indigenous Studies, Cross-Cultural Studies, Linguistics and related areas. The PhD program in Indigenous Studies, currently under review via the Governance process, will directly address UAF 2010 Strategic Plan by offering an advanced program of graduate study focusing on issues that are deeply rooted in Alaska's past and destined to be an integral part of Alaska's future. Students are already pursuing indigenous studies doctoral degrees through the Interdisciplinary Ph.D. program. The proposed Indigenous Studies Ph.D. is also interdisciplinary, bringing together faculty and students from the College of Liberal Arts (in areas including Cross-Cultural Studies, Linguistics, Alaska Native Studies, Political Science, and others), Education, Rural Development, and the Resilience and Adaptation Program.

Student Achievement
(GF: $790.0, NGF: $150.0, Total: $940.0)

- **UAA Learning Communities Promoting Student Success-Honors College**

  FY10 (GF: $150.0, NGF: $30.0, Total: $180.0)

  The University Honors College supports the UAA disciplinary schools and colleges through recruitment of exceptional students, providing academic advising and student support, partnering to bridge undergraduate research experiences with post graduate opportunities, and partnering to support student opportunities in the community. The College helps students develop a competitive edge for career options as well as for admission to the best graduate and professional schools in the nation. In addition, the Honors College provides students opportunities to participate in seminars, learning communities, community engagement, and research at the undergraduate level, enhancing graduation rates by engaging students and increasing retention. Providing undergraduate students with research experiences has been shown to lead to an increase in student perseverance in higher education, higher graduation rates, and a greater number of students pursuing bachelor and graduate studies. Funding is requested for additional staff for student support and faculty labor costs for Honors courses.

- **UAA Learning Communities Promoting Student Success-Supplemental Instruction**

  FY10 (GF: $200.0, NGF: $30.0, Total: $230.0)

  Supplemental Instruction (SI) is a nationally recognized and proven academic support system that uses structured, peer-assisted study sessions to improve learning, course completion, and retention. The strategy targets difficult "gateway" academic courses: those that are required of many first and second year students and that have a higher rate of failure or withdrawal. SI student leaders attend targeted classes, do the homework, and lead course study sessions in consultation with the course instructor. SI student leaders are hired, trained, monitored, and assessed by an SI Coordinator. This increment will fund the salary/benefits for one full-time SI coordinator, the hourly wages of SI peer session leaders, and training for SI faculty participants and SI student leaders. This request will also provide funding for supplemental learning support resources for the Anchorage campus Learning Resource Center and the UAA community campuses.

- **UAF Honors Program and Undergraduate Research Enhancement**

  FY10 (GF: $200.0, NGF: $24.5, Total: $224.5)

  An enhanced Honors program will help UAF recruit and retain students with outstanding academic performance. The Program currently has 135 active students; with the funding increment we aim to double the number of participants and offer all of them an enhanced educational experience. The funding requested would provide for a full-time director (including 1/4 time teaching honors courses), create a another quarter-time faculty appointment to offer additional courses, and fund local activities, travel and supplies. An Honors retreat was held in fall 2008 with a consultant from the National Collegiate Honors Council to guide curricular reform and other program improvements. The full-time Director will be charged with promoting and coordinating honors courses, co-curricular activities, and student research opportunities and seeking external funding for Honors student activities, including research.

- **UAS Freshmen Seminars, Short Courses, Early Alert and Guide Programs**

  FY10 (GF: $100.0, Total: $100.0)

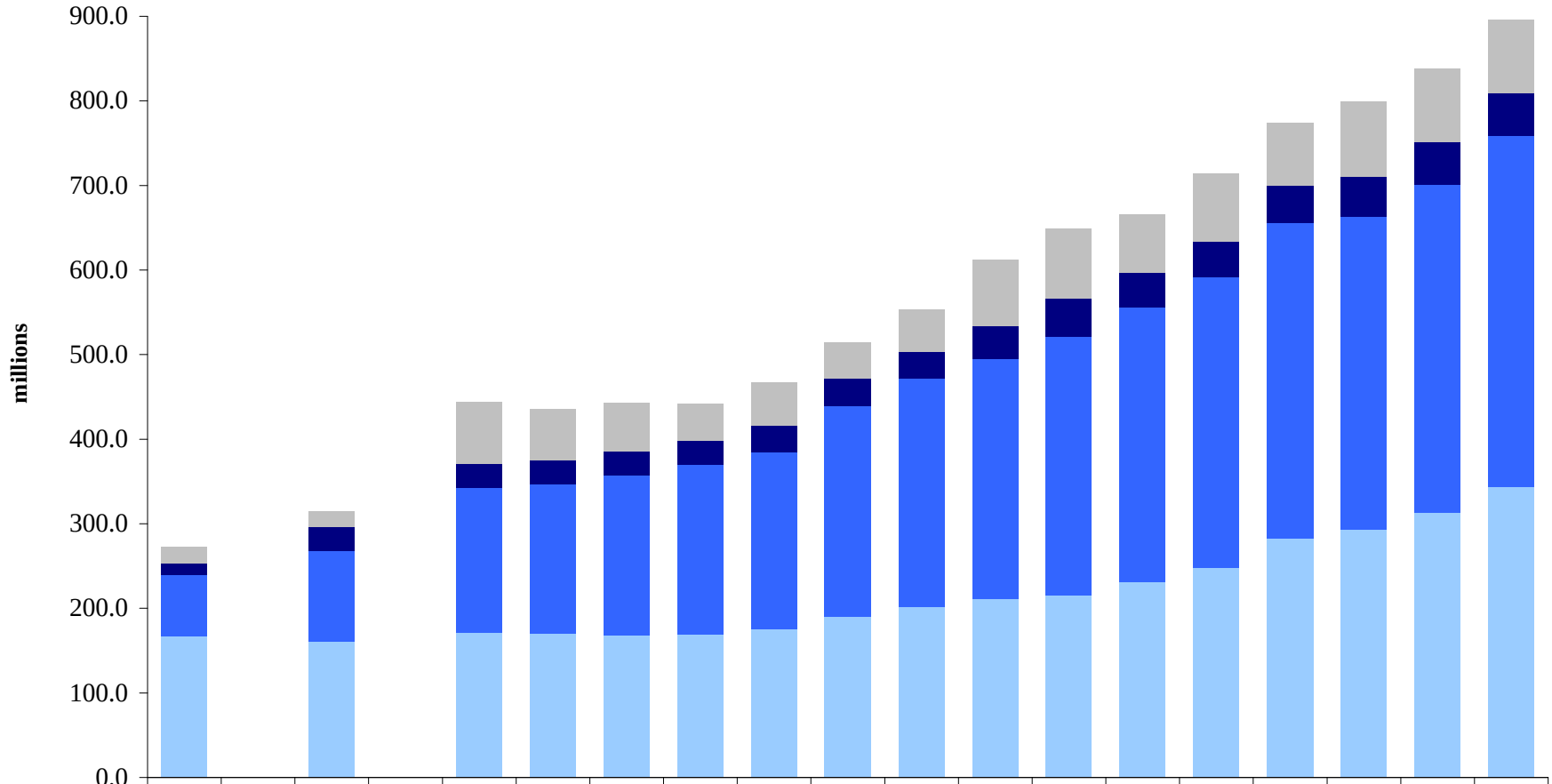
  Freshman seminars are designed to assist students in a successful transition from high school to college, build academic skills, learn about university sponsored student support services, faculty expectations, class participation, university and community involvement. Short Courses provide opportunities during the second half of the semester to students who had to withdraw from one or more courses in the first half of the semester. These courses provide instruction in how to be a successful student and the credits earned in the short courses will help ensure the students retain their eligibility to receive financial aid. Funding for the Early Alert Program will provide assistance to students who are experiencing academic difficulty and are in danger of either dropping out of or failing a class (es). Instructors will refer students to academic support personnel at the first indication of trouble. The support personnel will work one on one with the student to identify the nature of the problem and determine what needs to be done to correct the deficiencies and get back on track for successful course completion. The Guide Program was piloted by the UAS Housing staff to provide academic and social support to students. Students were assigned to volunteer faculty and staff who met regularly with their assigned students to monitor that student's progress. The funds requested will allow the university to expand the program beyond the confines of housing and provide the opportunity for both on and off campus student cultural activities.

- **UAA University Relations/Alumni**

  FY10 (GF: $140.0, NGF: $10.0, Total: $150.0)

  Base funding is requested to increase staffing levels in University Relations to support marketing and communications needs. One additional editorial associate position is requested for University Relations. The addition of this position would allow for increased concentration on the strategic priorities for UAA, including research, sustainability, student success, undergraduate research, graduate education and workforce development. The Alumni base of 35,000 is an untapped resource and an additional staff member would help increase efforts in alumni engagement. A creative approach to engaging our alumni when they are students, continuing that contact after graduation and ensuring they remain involved and connected to UAA via strategic mailings, publications and events/reunions is essential to progress in this area. Funds requested include mailings, upgrades to Accolades Magazine, and events designed to interest, involve and engage this constituency.

University of Alaska
Actuals vs. Authorized Budget

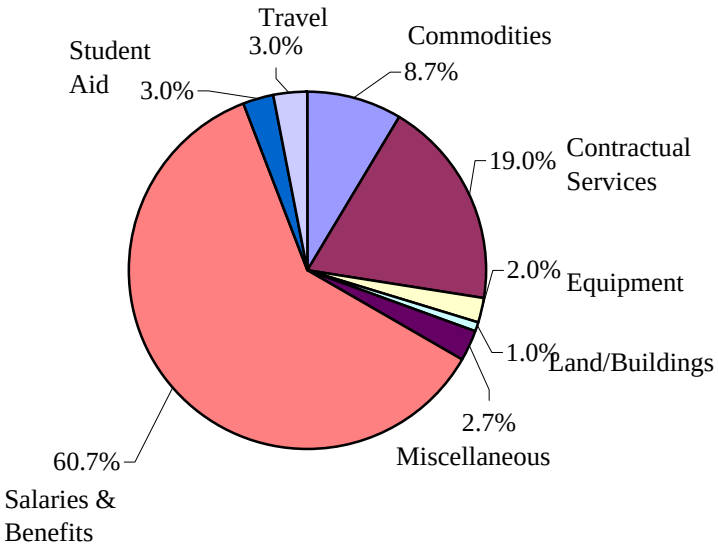


	FY86		FY90		FY96	FY97	FY98	FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09*	FY10*
Available Receipt Authority	19.4		18.2		73.2	60.4	57.5	43.9	51.1	42.6	49.4	77.9	82.7	68.5	80.0	74.1	88.7	86.5	86.5
UA Intra Agency Receipts	13.6		28.8		28.4	28.1	28.6	29.4	30.7	33.5	32.2	38.4	45.7	40.2	42.9	44.2	46.7	51.3	51.3
Non-state Revenue	71.9		106.9		170.7	176.4	189.8	200.2	209.9	248.1	270.2	284.5	305.6	325.4	343.1	373.3	370.8	387.2	414.6
State Appropriations	167.6		161.0		171.6	170.3	167.5	169.0	175.0	190.6	201.3	211.0	215.6	231.1	248.2	282.5	292.6	313.1	343.5

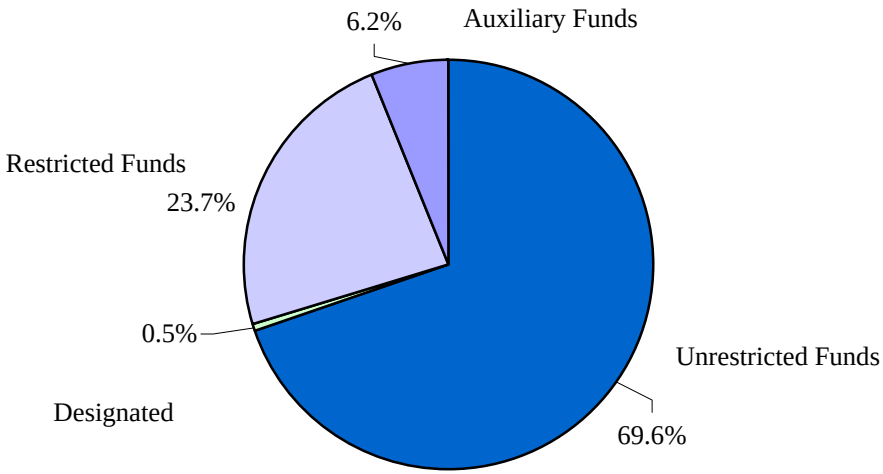
*FY09 and FY10 are estimated

University of Alaska
Expenditure by Category and Revenue by Fund Type
FY08

Expenditure by Category

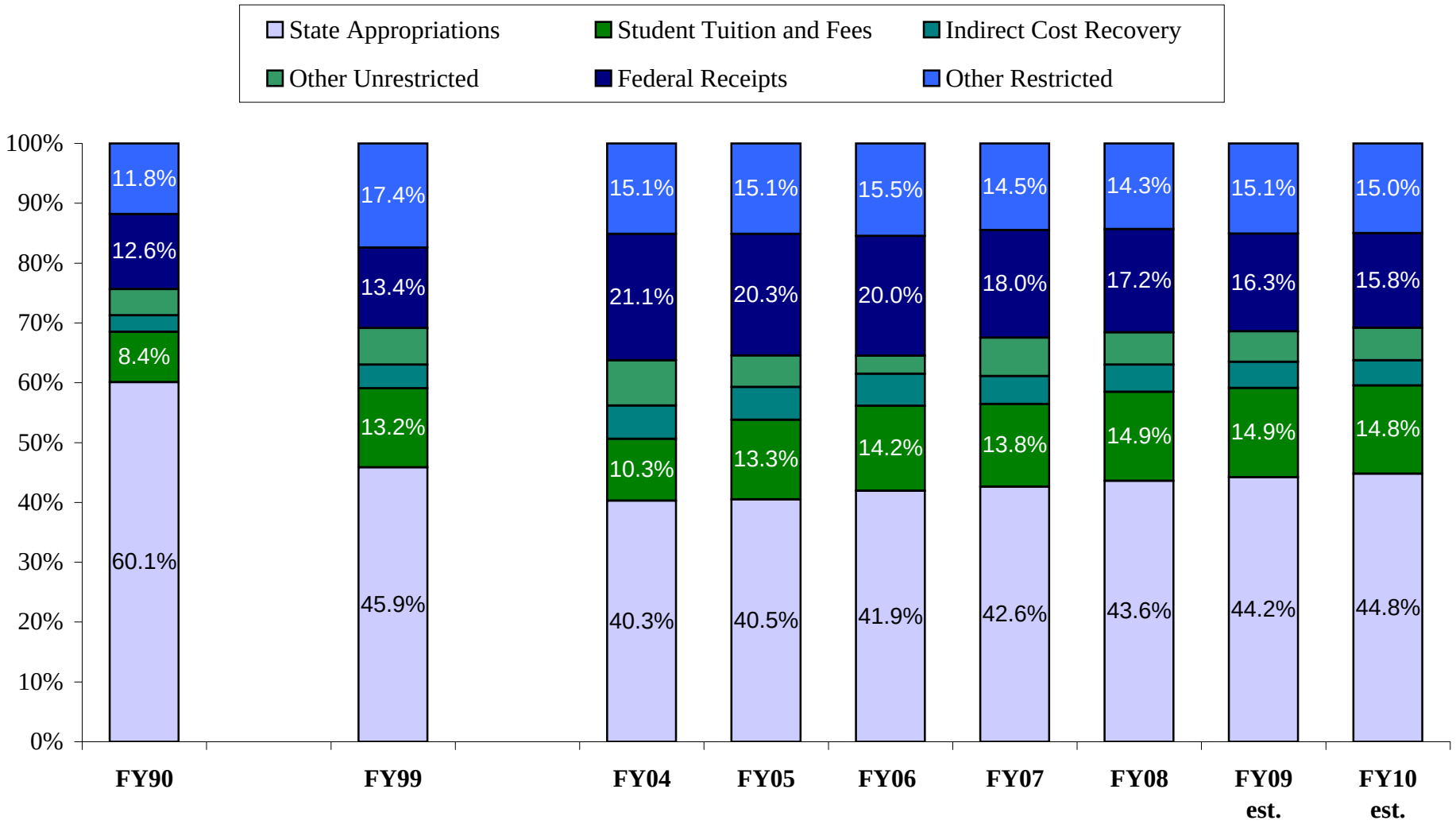


Revenue by Fund Type



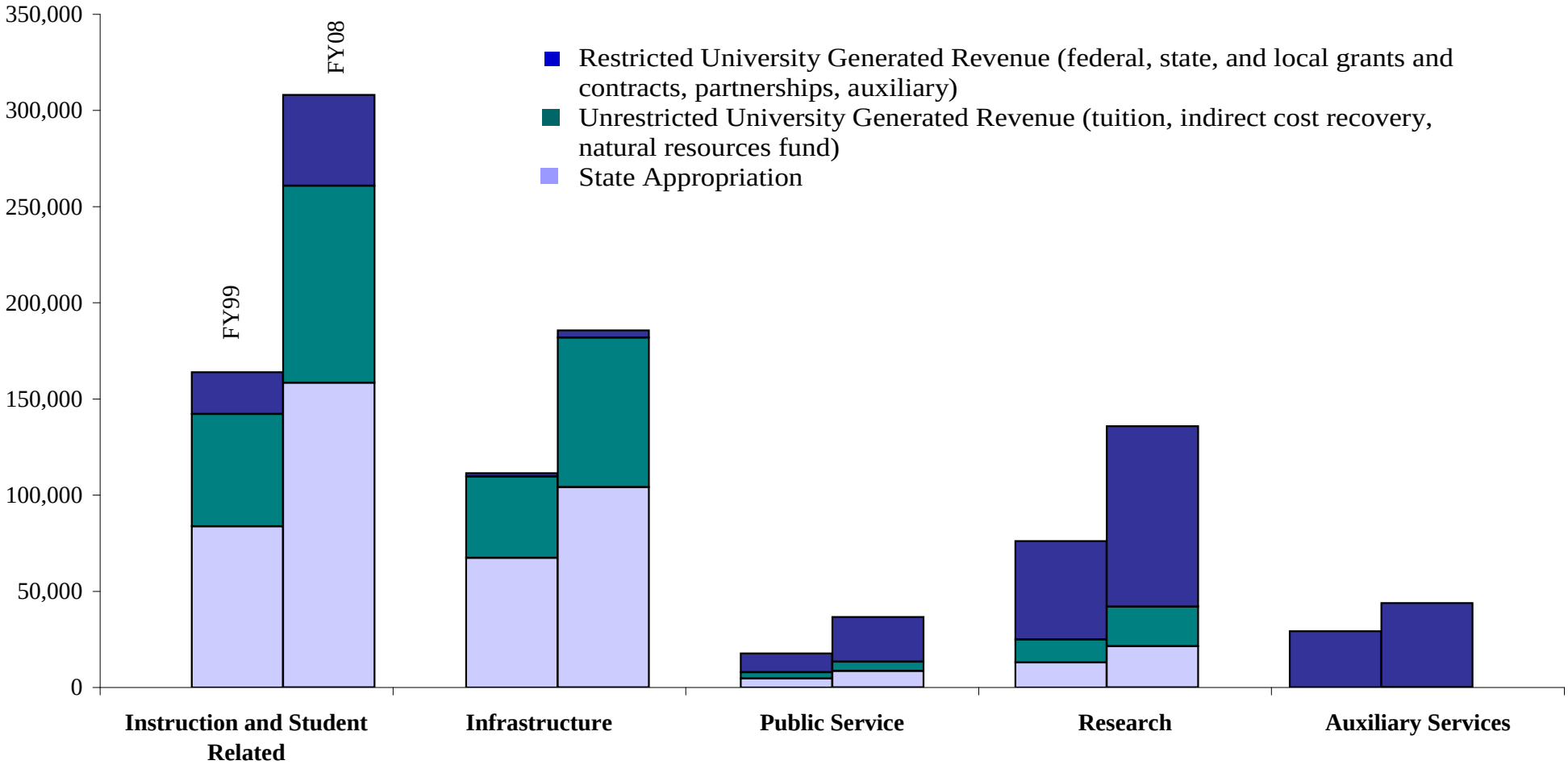
Unrestricted Funds	$447.6
Restricted Funds	$168.1
Designated Funds	$3.9
Auxiliary Funds	$43.8
Sub-Total	$663.4
UA Intra-Agency (UAIAR)	$ 46.7
Total (in Millions)	$710.1

University of Alaska Revenue by Source
FY90, FY99, FY04-FY10est

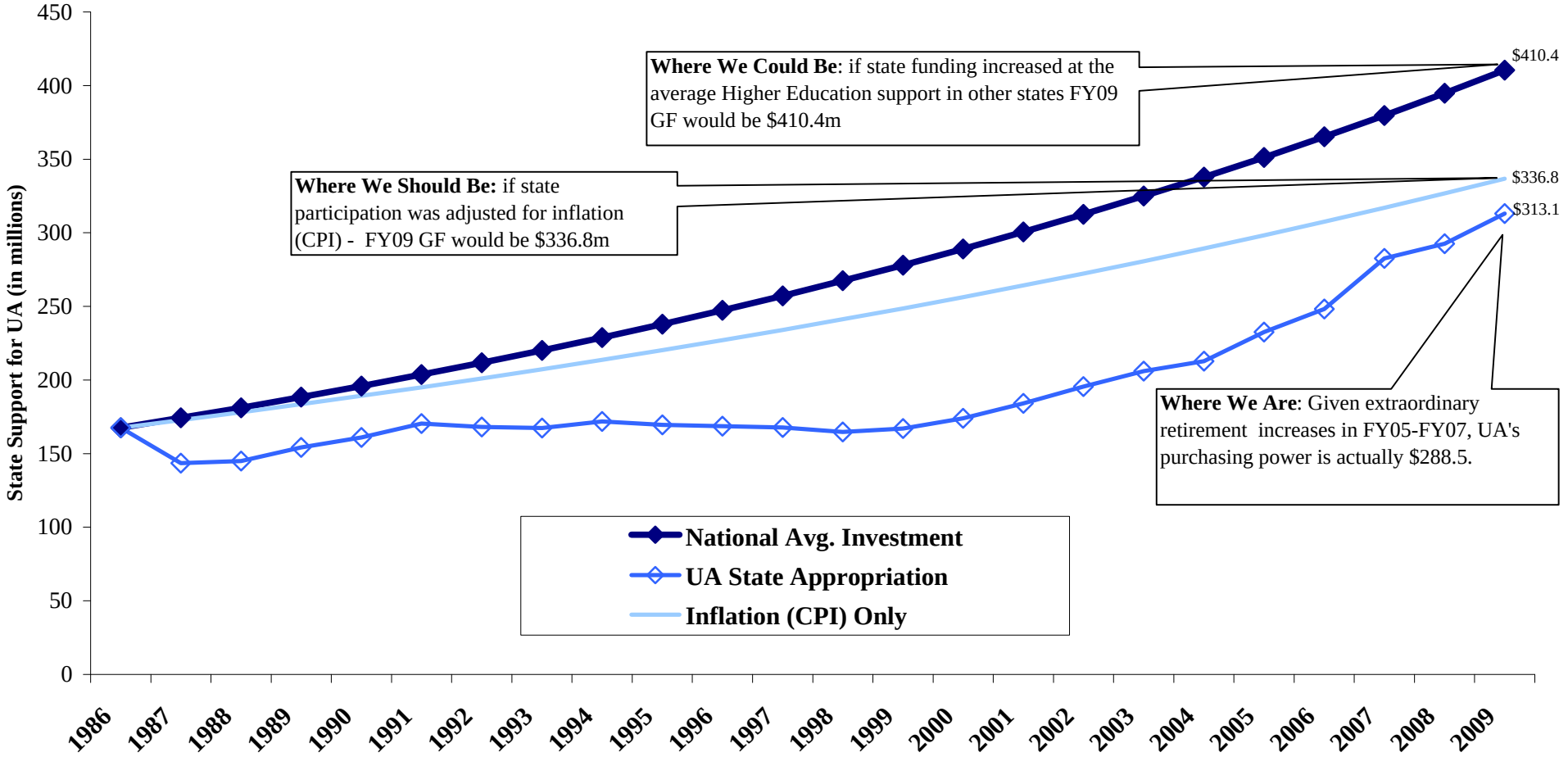


Note: This table provides the gross tuition and fees amount whereas tables in the rest of the publication provide figures in accordance with the accounting rules used, thus gross figures through FY02 and net figures FY04-FY10.

University of Alaska
FY99 & FY08 Expenditures by NCHEMS Category and Fund Type



University of Alaska
State Appropriation Comparison



FY09 Program Request Summary by Program Area

Preparing Alaskans for Jobs-Health	**GF**	**NGF**	**Total**
Nursing			
Increase AAS Nursing Program at Anchorage Campus	232.6	51.6	284.2
Baccalaureate Nursing Faculty Position at Anchorage Campus	132.1	25.0	157.1
Allied Health			
Allied Health Assistant Professor at CRCD	82.4	95.0	177.4
Dental Hygiene Expansion at Anchorage Campus	39.7	21.5	61.2
Dental Hygiene Expansion at Tanana Valley Campus	233.1	50.0	283.1
Paramedic Expansion at Mat-Su, KPC and Anch Campus	160.5	86.9	247.4
Paramedic Expansion at Tanana Valley Campus	82.0	50.0	132.0
Health Sciences Assistant Professor (CNA/PCA) at Sitka Campus	79.7	35.0	114.7
Behavioral Health			
Bacc. & Master's Psych. Program Support Anch/Fbks Campuses	179.3	73.8	253.1
Behavioral Health Initiative Partnership Match	100.0	-	100.0
Behavioral Health Init.Partnership (BHIP) Priority Programs (MHT)	95.0	537.5	632.5
Public Health			
Master of Public Health (MPH) Accreditation Expansion at Anch	100.0	38.4	138.4
Primary Care/Multi-Disciplinary			
WWAMI Expansion at Anchorage Campus	217.2	170.0	387.2
Professional Programs Planning & Implementation at Anch Campus	238.0	-	238.0
Bachelor of Science in Health Science Expansion at Anch Campus	148.0	45.0	193.0
Associate Professor/Liaison, Community Health Aide Program at CRCD	98.8	-	98.8
Alaska Area Health Education Center (AHEC) Program Support	-	-	*
Health Program Planning and Coordination at Anchorage Campus	-	-	*
Health Faculty at Bristol Bay Campus	94.4	15.0	109.4
Health Total	**2,312.8**	**1,294.7**	**3,607.5**

Preparing Alaskans for Jobs-Engineering and Construction Management	**GF**	**NGF**	**Total**
Expansion of Engineering Programs at Anchorage Campus			
Expansion of BSE Program in Engineering	575.0	200.0	775.0
Advising/Technician Support for Engineering Expansion	200.0	40.0	240.0
Civil Engineering Expansion	130.0	50.0	180.0
Geomatics Engineering Expansion	100.0	20.0	120.0
Expansion of Engineering Programs at Fairbanks Campus			
Meeting Industry Needs for Engineers	850.0	200.0	1,050.0
Pre-Engineering 1+3 Program at Juneau Campus			
Pre-Engineering 1+3 Program	100.0	20.0	120.0
Construction Management and Mining Technology			
Construction Management (BSCM) Support	142.9	30.0	172.9
Mining Workforce Development and MAPTS Training	65.0	250.0	315.0
Engineering and Construction Management Total	**2,162.9**	**810.0**	**2,972.9**

*Due to the critical need for this program, temporary and one-time funding sources are being considered for FY09

Preparing Alaskans for Jobs-Fisheries	**GF**	**NGF**	**Total**
Undergraduate Fisheries Expansion at Fairbanks Campus			
Undergraduate Fisheries Expansion	1,000.0	1,000.0	2,000.0
Fisheries Total	**1,000.0**	**1,000.0**	**2,000.0**

FY09 Program Request Summary by Program Area

University Research Investment			
Climate Impact and Alaska's Natural Resources			
Climate Change Research at Fairbanks Campus	-	1,000.0	1,000.0
ISER Economist Faculty at Anchorage Campus	-	80.8	80.8
Engineering, Transportation and Energy			
Energy Center at Fairbanks Campus	-	-	*
Biomedical and Health Research			
Biomedical Support at Fairbanks Campus	-	-	*
Biomedical Support at Anchorage Campus	-	-	*
University Research Investment Total	**-**	**1,080.8**	**1,080.8**
Student Success			
Meeting Student Demand			
CAS GER Course Offerings at Anchorage Campus	320.0	273.4	593.4
Career Services Counselor at Mat-Su College	80.0	-	80.0
Workforce Start-Ups and Equipment (TVEP)			
Workforce Start-Ups and Equipment (TVEP)	706.9	-	706.9
Student Success Initiatives	-	-	*
Advising and Placement			
Early College Academic Preparedness			
Retention			
Recruitment			
Student Success Total	**1,106.9**	**273.4**	**1,380.3**
Cooperative Extension, Public Service and Outreach			
Cooperative Extension Support	*	400.0	400.0
Alaska Teacher Placement (ATP)	255.0	-	255.0
Marketing, Community Outreach and Surveys Systemwide	-	-	*
Cooperative Extension, Public Service and Outreach Total	**255.0**	**400.0**	**655.0**

*Due to the critical need for this program, temporary and one-time funding sources are being considered for FY09

UNIVERSITY of ALASKA

Many Traditions One Alaska

First Review of FY10 Capital Budget

Board of Regents
September 18-19, 2008
Anchorage, Alaska

Prepared by Statewide Planning & Budget
450-8180

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FY10 Preliminary Capital Budget

References

University of Alaska
Proposed FY10 Capital Budget Request
Introduction

This capital budget request presents requests in two categories, 1) Facility capital needs and 2) Project and equipment requests. The two categories combined will require state funding of approximately $500 million, however, at the time of this writing, there are some figures that still need refinement. The facility capital needs category includes the recommended highest priority needs: annual renewal and renovation (R&R) requirement, UAF Life Sciences Innovation and Learning Facilities, UAS Auke Lake Way Campus Entry Improvements & Road Alignment, UAA Sports Arena, Planning for New Facilities, and Reducing Major R&R and Deferred Maintenance Backlog. Projects in these categories are detailed below. In addition to these facility capital priorities, this budget request proposes a new emphasis on strategically important requests related projects and equipment. Requests include projects specific to Alaska's interest in energy and climate, and education policy. Also included are requests for a 5-year comprehensive administrative and academic equipment refresh and project investments related to implementing compliance/business efficiency solutions throughout the University system.

- UA's Annual Facility Renewal, Renovation (R&R) and Code Compliance request of $50M from state funds represents approximately 3 percent of UA's facilities adjusted value. Major renewals include the Science Building Renewal in Anchorage, repairs to the sanitary waste lines and critical electrical distribution in Fairbanks, and the hangar code corrections in Sitka. This amount of funding is the minimum annual level of funding necessary for UA to avoid adding to the deferred maintenance backlog. In addition to pursuing UA's annual R&R requirement, long term solutions will also be pursued including lump sum funding of $850 million, a $1 billion endowment-type solution to provide $50 million annually, and a constitutional amendment dedicating future gas royalties to fund R&R on State-owned facilities.

- UAF's Life Sciences Innovation and Learning is an alternate approach to meeting the needs of the Biological and Computational Sciences (BiCS) Program, which has been one of UA's highest capital priorities since FY02. UAF has modified its approach to meeting the goals of the primary research and teaching facility, reducing the number of faculty and graduate spaces and creating a smaller biomedical and life science research program. UAF has also proposed alternate funding, utilizing general funds for teaching space and UA funded revenue bonds for the research programs. The original BIOS concept requested in FY08 and FY09 is the right solution to meet the needs of these programs and if funded via all general funds, would create a much healthier research enterprise. However, UAF has developed this alternative approach as the minimum necessary to address UAF's immediate life science instruction and research space needs. Keep in mind, this alternative does not provide for program growth, merely immediate needs. This approach provides modern and expanded life sciences classrooms and labs, replacing the 1965 era labs in the Bunnell building. More importantly, it provides integration of teaching and research by locating the classroom and labs in the West Ridge core. UAF's research success is dependent on immediate funding for the Life Sciences Innovation and Learning Facility. This is proposed as UA's highest priority new construction project.

- UAS's Auke Lake Way Campus Entry Improvements and Road Realignment request will remove public vehicular traffic from the center of the Juneau academic core and reconstruct the existing roadway to a pedestrian greenway. Addressing this road alignment in conjunction with the Anderson Building renovation (currently underway) is the most effective and timely approach to both projects.

- UAA Sports Arena will include a 3,500 seat performance gymnasium, concession area, hall of fame and public events venue; a gymnastics facility including practice and performance areas, team support rooms, team meeting rooms, auxiliary gym, fitness and training area, equipment storage, laundry, AV production room, coaching and administrative offices, locker rooms to support athletic teams, visitors and officials, and building support space of faculty and staff. This project received funding for planning and design in FY09.

- New Facilities Planning funds are requested for facilities necessary to accommodate instruction and research program growth, campus services, and improve energy efficiency. Planning funds are proposed for an engineering instruction facility at UAA, an engineering facility expansion and an energy technology facility at UAF, a co-generation heat and power plant at UAA in conjunction with Providence Hospital and Anchorage Municipal Light and Power (MPL), and a fire station and housing facility replacement at UAF. Also included is a funding request for a feasibility study on new facilities requested by community campuses. There were several new facilities requested by community campuses in FY10. Given the high cost of construction, maintenance and utilities, and the changing demographic at many of these sites a more through analysis of the facility needs is warranted.

- UA's Major R&R and Deferred Maintenance Reduction plan request of $150M is necessary to reduce the deferred maintenance and R&R backlog. This amount, coupled with the $50M annual R&R requirement, provides the necessary funding to begin to address the need to bring UA's facilities to appropriate standards, codes, and programmatic needs.

The separate category in the capital budget request for projects and equipment is new to UA's request in FY10. The capital project requests are aligned with UA's key operating priorities and more importantly with state policy priorities and entities. Each of these capital project requests are discreet projects that as implemented on state capital funding may leverage other funding for on-going operations, may serve as start-up and proof of concept for an on-going program, or may be complete in two to five years.

- Energy projects include rural power solutions, energy data network, transportation fuel initiative, carbon sequestration options, biomass fuel options, and Alaskan coal utilization as well as funding to address projects that emerge from the state's energy plan.

- Climate projects proposed are structured to implement recommendations from the Legislative Commission on Climate and recommendations expected from the Governor's subcabinet. Examples of climate projects include digital mapping of Alaska, sea ice forecasts, natural hazard monitoring, improved weather predictions, and impact on commercial fisheries.

- The education policy project is initial policy analysis funding and start-up of a University Center for Alaska Education Policy Research at UAA.

- The 5-year comprehensive administrative and academic equipment refresh, and projects investments related to implementing compliance/business efficiency solutions throughout the University system. Equipment refresh will renew existing aged equipment and add sophisticated health care, welding, and heavy instruction simulators to advance instruction effectiveness.

University of Alaska
Draft Capital Budget Request
FY10
(in thousands)

	State Approp.	Total
FY10 Facility Capital Needs		
Maintaining Existing Facilities R&R Annual Requirement	50,000.0	50,000.0
In light of UA's R&R inventory exceeding $850 million, UA will pursue the following long term alternate R&R funding methods: A lump sum $850.0 million toward UA's deferred maintenance/R&R inventory; Partner in a State approach to secure an endowment type fund for all state entities of which UA's portion would be a $1 billion endowment-type fund to provide $50 million annually for R&R; and, a constitutional amendment to dedicate a portion of gas royalties to fund State R&R requirements.		
UAF Life Sciences Innovation and Learning Facilities	61,570.0	102,820.0
UAS Auke Lake Way Campus Entry Improvements & Road Realignment	4,130.0	4,130.0
UAA Sports Arena	65,000.0	65,000.0
UAF Alaska Region Research Vessel (final federal receipt authority)		45,000.0
New Facilities Planning		
UAA Engineering	TBD	TBD
UAF Engineering and Energy Technology	TBD	TBD
UAA Cogeneration Plant (PROV/MLP)	2,000.0	2,000.0
UAF Fire Station and Student Firefighter Training Center	1,000.0	1,000.0
Feasibility Studies Community Campuses New Facilities	4,000.0	4,000.0
Reducing Major R&R and Deferred Maintenance Backlog	150,000.0	150,000.0
FY10 Facility Capital Needs	**$337.7m+TBD**	**$421m+**
FY10 Project and Equipment Requests		
Energy Projects	20,950.0	20,950.0
Includes nine specific energy projects and funding to address projects that may emerge from the state energy plan. Examples of the Alaska focused energy projects included rural power, energy data network, transportation fuels initiative, and carbon sequestration options.		
Climate Projects	21,500.0	21,500.0
Includes eleven specific projects to implement the recommendations expected from the Governor's Subcabinet and from the Legislative Commission on climate. Examples include digital mapping of Alaska, impact on commercial fisheries, natural hazards monitoring, sea ice forecasts, and weather predictions.		
Alaska Education Policy Project	700.0	700.0
University Equipment Refresh (Administrative & Academic)	90,000.0	90,000.0
Provides for a 5-year comprehensive equipment refresh. Year 1 includes funding necessary for health simulators, welding and heavy equipment simulators, marine davit platform, and engineering, research and information technology equipment.		
Compliance/Business Efficiency Solutions	10,000.0	10,000.0
	143,150.0	**143,150.0**

University of Alaska
Draft Capital Budget Request
FY10
(in thousands)

Future UA Facilities

In addition to the new facilities planning requests, UA will pursue capital funding for the following facilities: Student Housing for Anchorage, Fairbanks, & Juneau; UAA- Health Sciences Building Phase II, Health Sciences Parking Structure and Bridge to Campus; UAA Honors College and classroom expansion; UAF Math and Computer Sciences Facility Expansion; and, UAF ARRV dock facilities. Future community campus new construction projects will include those projects deemed feasible through the planning process funded above.

University of Alaska
Capital Budget Request Summary by Campus
FY10
(in thousands)

		State Approp. FY00-FY09		Proposed FY10 Capital Request	FY10 Capital Requests Submitted by MAUs
Anchorage Campus		245,435.4	52.8%	120,557.1	369,871.0
UAA Community Campuses		26,740.2	5.8%	11,071.0	88,705.0
Kenai Peninsula College	Soldotna				
Kachemak Bay Campus	Homer				
Kodiak College	Kodiak				
Matanuska-Susitna College	Palmer				
Prince William Sound CC	Valdez				
	UAA	272,175.6	58.6%	131,628.1	458,576.0
Fairbanks Campus & TVC		137,871.9	29.7%	247,888.5	459,658.0
UAF CRCD		12,093.1	2.6%	8,726.0	10,345.0
Bristol Bay Campus	Dillingham				
Chukchi Campus	Kotzebue				
Interior-Aleutians Campus	Various				
Kuskokwim Campus	Bethel				
Northwest Campus	Nome				
	UAF	149,965.0	32.3%	256,614.5	470,003.0
Juneau Campus		30,883.6	6.6%	10,135.1	15,422.5
UAS Community Campuses		7,286.4	1.6%	5,790.0	6,080.0
Ketchikan Campus	Ketchikan				
Sitka Campus	Sitka				
	UAS	38,170.0	8.2%	15,925.1	21,502.5
Statewide		4,441.0	1.0%	4,422.8	16,510.0
Systemwide				72,259.5	65,316.5
	SW	4,441.0	1.0%	76,682.3	81,826.5
	Grand Total	464,751.6	100.0%	480,850.0	1,031,908.0

University of Alaska
Proposed Renewal and Renovation Distribution by MAU
FY10
(in thousands)

		1 yr. Need (R&R @2.5%)		10 yr. Funding (FY00-FY09)		Annual R&R Requirement	R&R Backlog
Anchorage Campus		9,022.4	21%	40,745.2	25%	11,400.0	32,136.6
UAA Community Campuses		1,922.7	5%	10,288.4	6%	1,922.7	6,848.3
Kenai Peninsula College	Soldotna						
Kachemak Bay Campus	Homer						
Kodiak College	Kodiak						
Matanuska-Susitna College	Palmer						
Prince William Sound CC	Valdez						
	UAA Total	10,945.1	26%	51,033.6	32%	13,322.7	38,984.9
Fairbanks Campus & TVC		26,415.5	63%	76,686.8	48%	28,921.1	94,089.4
UAF CRCD		926.0	2%	8,764.1	6%	926.0	7,800.0
Bristol Bay Campus	Dillingham						
Chukchi Campus	Kotzebue						
Interior-Aleutians Campus	Various						
Kuskokwim Campus	Bethel						
Northwest Campus	Nome						
	UAF Total	27,341.5	65%	85,450.9	53%	29,847.1	101,889.4
Juneau Campus		1,933.3	5%	16,947.5	11%		6,005.1
UAS Community Campuses		1,016.5	2%	6,746.4	4%	5,790.0	
Ketchikan Campus	Ketchikan						
Sitka Campus	Sitka						
	UAS Total	2,949.8	7%	23,693.9	15%	5,790.0	6,005.1
Statewide		876.1	2%	500.0	0%	1,040.2	3,120.6
	SW Total	876.1	2%	500.00	0%	1,040.2	3,120.6
	UA Total	42,112.5	100%	160,678.4	100%	50,000.0	150,000.0

* R&R model based on size, value, and age of existing facilities, methodology for MAU distribution follows.

University of Alaska
Renewal and Renovation Request
Proposed Distribution Methodology based on Age and Value of Facilities
FY10

	Location	Number of Buildings	Weighted Avg. Age (Years)	Gross Square Footage	Adjusted Value (thousands)	Index*		FY10 R&R Model	Annual R&R Requirement	R&R Backlog
Anchorage Campus		53	25.0	1,931,116	462,466.9	11.6	21.4%	9,022.4	11,400.0	32,136.6
UAA Community Campuses		27		312,848	92,338.4	2.5	4.6%	1,922.7	1,922.7	6,848.3
Kenai Peninsula College	Soldotna	10	30.0	95,373	27,354.6	.8				
Kachemak Bay Campus	Homer	2	19.3	18,360	6,394.1	.1				
Kodiak College	Kodiak	5	32.5	44,981	13,919.3	.5				
Matanuska-Susitna College	Palmer	6	24.3	103,169	34,115.0	.8				
Prince William Sound CC	Valdez	4	22.9	50,965	10,555.3	.2				
	UAA Total	80		2,243,964	554,805.3	14.1	26.0%	10,945.1	13,322.7	38,984.9
Fairbanks Campus & TVC		232	37.8	3,241,077	897,849.6	33.9	62.7%	26,415.5	28,921.1	94,089.4
UAF CRCD		27		113,738	44,594.9	1.2	2.2%	926.0	926.0	7,800.0
Bristol Bay Campus	Dillingham	1	27.0	10,523	6,277.3	.2				
Chukchi Campus	Kotzebue	1	32.0	8,948	4,863.0	.2				
Interior-Aleutians Campus	Various	4	29.1	21,715	9,953.8	.3				
Kuskokwim Campus	Bethel	7	23.0	51,699	18,690.7	.4				
Northwest Campus	Nome	14	29.8	20,853	4,810.0	.1				
	UAF Total	259		3,354,815	942,444.5	35.1	64.9%	27,341.5	29,847.1	101,889.4
Juneau Campus		34	22.5	441,637	110,276.6	2.5	4.6%	1,933.3		6,005.1
UAS Community Campuses		5		115,908	27,761.1	1.3	2.4%	1,016.5	5,790.0	
Ketchikan Campus	Ketchikan	4	33.3	47,850	16,119.3	.5				
Sitka Campus	Sitka	1	66.0	68,058	11,641.8	.8				
	UAS Total	39		557,545	138,037.7	3.8	7.0%	2,949.8	5,790.0	6,005.1
Statewide		12	22.9	159,810	49,213.2	1.1	2.1%	876.1	1,040.2	3,120.6
	UA Total	390		6,316,134	1,684,500,635	54.1	100%	42,112.5	50,000.0	150,000.0

* Index is calculated by taking the adjusted value times the weighted average age

42,112.5 2.5% of Adjusted Value

Building Inventory from 2007 UA Facilities Inventory

University of Alaska
FY10 Priority R&R Projects by MAU
(in thousands)

	Project Name	Campus	State Approp.	Cumulative Total	$50M	$150M
UA Anchorage Campus						
1	Science Building Renewal	Anchorage	11,400.0	11,400.0	x	
2	Beatrice McDonald Building Renewal	Anchorage	10,300.0	21,700.0		x
3	Engineering Building Renewal	Anchorage	3,500.0	25,200.0		x
4	Consortium Library Upgrades	Anchorage	1,650.0	26,850.0		x
5	Fire Alarm Panel Upgrade	Anchorage	500.0	27,350.0		x
6	Fine Arts Mechanical System Renewal	Anchorage	7,500.0	34,850.0		x
7	Campus Roof Replacement	Anchorage	5,000.0	39,850.0		x
8	Campus HVAC Upgrades	Anchorage	1,000.0	40,850.0		x
9	EM1 and EM2 Piping Replacement	Anchorage	1,500.0	42,350.0		x
10	Campus Roads, Curbs and Sidewalks	Anchorage	6,400.0	48,750.0		x
11	Mechanical/Electrical Systems Renewal	Anchorage	1,500.0	50,250.0		
12	Electrical Feeder/Panel Upgrade	Anchorage	280.0	50,530.0		
13	Elevator Safety/Code Upgrades	Anchorage	750.0	51,280.0		
14	MAC Housing Renewal	Anchorage	12,000.0	63,280.0		
15	Cuddy Phase II	Anchorage	11,000.0	74,280.0		
16	Social Sciences Building Phase II	Anchorage	8,000.0	82,280.0		
17	Classroom & Lecture Hall Lighting Upgrades	Anchorage	2,500.0	84,780.0		
18	Building Automation System Renewal	Anchorage	1,000.0	85,780.0		
19	Bookstore/Student Union Renewal ($1M UAR)	Anchorage	11,500.0	97,280.0		
20	Bookstore Air Conditioning	Anchorage	1,000.0	98,280.0		
21	Wendy Williamson Auditorium Renewal - Phase 2	Anchorage	1,000.0	99,280.0		
22	Campus Wayfinding - Phase II	Anchorage	750.0	100,030.0		
23	Emergency Generator Upgrades / Replacements	Anchorage	1,000.0	101,030.0		
UAA Community Campuses						
1	KPC Kenai River Campus Water connection to City Water System	Kenai	600.0	600.0	x	
2	Community Campus Fire Systems Upgrade	Multiple	1,000.0	1,600.0	x	
3	Community Campus Safety, Code ADA Projects	Multiple	1,000.0	2,600.0	x	
4	Community Campus Cable Plant Renewal Phase II	Multiple	1,000.0	3,600.0		x
5	PWSCC Wellness Center/Student Life Renewal	PWSCC	3,600.0	7,200.0		x
6	Mat-Su HVAC, Boiler and Exhaust Fan	Mat-Su	2,440.0	9,640.0		x
7	Kodiak College Campus Renewal	Kodiak	3,880.0	13,520.0		
8	Kachemak Bay Campus Renewal	Kenai	600.0	14,120.0		
9	KPC Kenai River Campus Boiler/HVAC Renewal	Kenai	540.0	14,660.0		
10	Mat-Su Student Services Remodel	Mat-Su	580.0	15,240.0		
11	PWSCC Parking and Security Upgrades	PWSCC	1,665.0	16,905.0		
12	Mat-Su Science Lab Renewal Phase II	Mat-Su	570.0	17,475.0		
13	Mat-Su Card Key Access	Mat-Su	555.0	18,030.0		
14	KPC Kenai River Campus Academic Center/Classroom Renewal	Kenai	1,200.0	19,230.0		

* MAU list represents the identified highest priority renewal and renovation needs. This is only a subset of the MAU's identified R&R need.

University of Alaska
FY10 Priority R&R Projects by MAU
(in thousands)

	Project Name	Campus	State Approp.	Cumulative Total	$50M	$150M
15	PWSCC Campus Renewal	PWSCC	3,900.0	23,130.0		
16	KPC Kenai River Campus Exterior Renewal	Kenai	3,500.0	26,630.0		
17	Kodiak Entrance Road Realignment and Exterior Lighting	Kodiak	5,550.0	32,180.0		
18	PWSCC Doors and Locks Upgrade	PWSCC	555.0	32,735.0		
19	Mat-Su Bridge Enclosure	Mat-Su	600.0	33,335.0		
20	Mat-Su Restroom Upgrades	Mat-Su	500.0	33,835.0		
21	Mat-Su Parking/Road/Circulation Renewal	Mat-Su	1,500.0	35,335.0		
22	PWSCC Housing Renewal	PWSCC	5,000.0	40,335.0		
UA Fairbanks Campus						
1	Fairbanks Campus Main Waste Line Repairs	Fairbanks	3,000.0	3,000.0	x	
2	Critical Electrical Distribution	Fairbanks	10,000.0	13,000.0	x	
3	Atkinson Power Plant Critical Utilities	Fairbanks	20,500.0	33,500.0	x	
4	West Ridge Energy Conservation	Fairbanks	10,000.0	43,500.0	x	
5	Atkinson Power Plant Boiler and Turbine Replacement	Fairbanks	15,000.0	58,500.0	x	
6	TVCC 604 Barnette Space Revitalization Phase 4	Tanana	5,000.0	63,500.0	x	x
7	Headbolt Outlet Energy Conservation	Fairbanks	500.0	64,000.0		x
8	Elvey Building Renewal	Fairbanks	2,000.0	66,000.0		x
9	Upper Dormitory Emergency Egress Code Corrections	Fairbanks	1,750.0	67,750.0		x
10	Eielson/Signers Hall Code Corrections	Fairbanks	7,700.0	75,450.0		x
11	Campus Wide Housing Sprinklers	Fairbanks	1,000.0	76,450.0		x
12	Fairbanks Main Campus Wide Roof Replacement	Fairbanks	2,725.0	79,175.0		x
13	Lola Tilly Food Refrigeration Emergency Power	Fairbanks	350.0	79,525.0		x
14	University Park Building Deferred Renewal	Fairbanks	4,500.0	84,025.0		x
15	ADA Compliance Ongoing Campus Wide	Fairbanks	1,750.0	85,775.0		x
16	Building Envelope Energy Conservation	Fairbanks	5,000.0	90,775.0		x
17	Elevator Safety and Modernization Upgrades-Phase 4 of 7	Fairbanks	500.0	91,275.0		x
18	Patty Center Revitalization	Fairbanks	1,100.0	92,375.0		x
19	Campus Wide Building Electrical Safety and Code Compliance	Fairbanks	1,400.0	93,775.0		x
20	Arctic Health Research Building Deferred Renewal Phase 3 of 4 for Initiative Programs	Fairbanks	10,500.0	104,275.0		x
21	Campus Wide Asbestos Abatement Phase 2 of 8	Fairbanks	400.0	104,675.0		x
22	Student Services Renewal -Student Union and Original Bookstore	Fairbanks	275.0	104,950.0		x
23	Original Duckering Ventilation Completion	Fairbanks	1,650.0	106,600.0		x
24	Salisbury Theatre Renovation	Fairbanks	2,650.0	109,250.0		x
25	Power Plant Code Corrections Phase 3 of 3	Fairbanks	3,900.0	113,150.0		x

* MAU list represents the identified highest priority renewal and renovation needs. This is only a subset of the MAU's identified R&R need.

University of Alaska
FY10 Priority R&R Projects by MAU
(in thousands)

	Project Name	Campus	State Approp.	Cumulative Total	$50M	$150M
26	North Tanana Loop Road Completion	Fairbanks	3,850.0	117,000.0		x
27	Campus Wide Fire Alarms	Fairbanks	900.0	117,900.0		
28	Kodiak FITC Renewal	Kodiak	977.0	118,877.0		
29	Exterior Light Energy Conservation	Fairbanks	1,750.0	120,627.0		
30	Renovation/Reclamation Machine Room B,	Fairbanks	100.0	120,727.0		
31	Irving 1 Code Corrections	Fairbanks	550.0	121,277.0		
32	Gruening Code Corrections	Fairbanks	550.0	121,827.0		
33	Palmer Farm Seed Building Seismic and Building Code Upgrade	Mat-Su	2,200.0	124,027.0		
34	Physical Plant Code Corrections Phase 3 of 3	Fairbanks	4,650.0	128,677.0		
35	Fine Arts Code Corrections Phase 3 of 3	Fairbanks	550.0	129,227.0		
UAF Community Campuses						
1	Kuskokwim Campus Facility Critical Deferred Renewal -- Phase 2 of 4	Kuskokwim	7,800.0	7,800.0		x
2	Community Campus Energy Conservation	Multiple	570.0	8,370.0	x	
	Chukchi					
	Interior-Aleutians & Associated Centers					
	Kuskokwim					
	Northwest					
3	Northwest Campus Critical Deferred Renewal	Nome	307.0	8,677.0	x	
4	Chukchi Campus Renewal	Kotzebue	264.0	8,941.0		
5	Interior Aleutians Campus Deferred Renewal	Tok	740.0	9,681.0		
UA Juneau Campus						
1	Hendrickson Remodel and Renovation	Juneau	2,850.0	2,850.0		x
2	Juneau Campus Roof Replacement	Juneau	1,920.0	4,770.0		x
3	Technology Education Center Diesel Lab Renovation	Juneau	490.0	5,260.0		x
4	Whitehead Computer Room Upgrade	Juneau	310.0	5,570.0		x
UAS Community Campuses						
1	Sitka Hangar Code Corrections	Sitka	5,790.0	5,790.0	x	
Statewide						
1	OIT Butrovich Computer Facility Backup Power	Fairbanks	2,000.0	2,000.0	x	x
2	Go "Green" Butrovich Computer Facility/Phase I: Prelim Design	Systemwide	50.0	2,050.0		x
3	Electrical Redundancy: Butrovich Computer Facility/Phase 1: Prelim Design	Systemwide	50.0	2,100.0		x

* MAU list represents the identified highest priority renewal and renovation needs. This is only a subset of the MAU's identified R&R need.

Maintaining Existing Facilities and R&R Annual Requirement and Backlog Reduction

UA's Annual Facility Renewal and Renovation (R&R) and Code Compliance request of $50M from state funds represents approximately 3 percent of UA's facilities adjusted value. UA's Deferred Maintenance (DM) Reduction plan request of $150M is necessary to reduce the deferred maintenance and R&R backlog. The $50M annually and the $150M provides the necessary funding to begin to address the need to bring UA's facilities to appropriate standards, codes, and programmatic needs. The highest priority projects by MAU are listed below.

UA Anchorage Campus **Distribution (Annual: $11,400.0, Backlog: $32,136.6)**

- **UAA Science Building Renewal**
  FY10 (GF: $11,400.0, Total: $11,400.0)
  UAA's existing Science Building was built in 1983. When the Integrated Science Building (ISB) opens in 2009, many of the functions currently housed in the Science Building will relocate to ISB. The backfill plan for the ISB project shows that various dry labs that serve the science curriculum will be located in the Science Building along with some science programs currently located in the Engineering Building. The building will require remodeling, systems renewal and tenant improvements for its redefined function. During the spring of 2008 consultants have reviewed the building and the backfill program plan and have developed a renovation plan for the building. This project will completely renovate the existing Science Building to provide offices, classrooms, instructional labs and modernized restrooms. The mechanical and electrical systems will be upgraded to extend the life of the building, ensure code compliance and improve efficiencies of pumps, motors, lights, elevator, restroom plumbing and fixtures, fire systems, elevator and building automation controls. In some instances fume hoods and associate upstream equipment will be removed because they will not be necessary in the repurposed building. The building envelop will be improved thermal efficiency.

- **UAA Beatrice McDonald Building Renewal**
  FY10 (GF: $10,300.0, Total: $10,300.0)
  UAA's existing Beatrice McDonald Hall was built in 1970. When the Integrated Science Building (ISB) opens in 2009, many of the functions currently housed in Beatrice McDonald Hall will relocate to ISB and the existing Science Building. The backfill plan for the ISB project shows that ENRI and its associated labs will be relocated from 707 "A" St. to the Beatrice McDonald Hall and reuse several of the existing labs. These labs will need minor refitting to meet the program requirements. The other labs and classrooms within the building will be renovated for expansion of the other programs located in the building as well as improve the office areas to make them more efficient. The architectural, mechanical and electrical systems need to be updated to bring them into code compliance, vastly improve their energy efficiency and extend the useful life of the building. This building has chronic problems with maintaining a comfortable environment. In the spring of 2008 Consultants have reviewed the building and the backfill program plan and have developed a renovation plan for the building. Where possible, existing furnishings, fixtures and components will be reused.

- **UAA Engineering Building Renewal**
  FY10 (GF: $3,500.0, Total: $3,500.0)
  This project will renovate portions of the Engineering Building vacated by science programs and allow for them to be reconfigured for program expansion needs of the School of Engineering. These renovations will provide new offices, classrooms and instructional labs.

- **UAA Consortium Library Upgrades**
  FY10 (GF: $1,650.0, Total: $1,650.0)
  This project will provide a major overhaul or full replacement of all HVAC equipment including boilers, supply/exhaust fans, heating/cooling coils, humidification systems, within the 4 cores (101,000 gsf) of the existing Consortium Library facility. Current incompatibilities between the original Library and 2004 Library addition HVAC controls and VAV boxes will also be addressed.

- **UAA Fire Alarm Panel Upgrade**
  FY10 (GF: $500.0, Total: $500.0)
  FY11-FY15 (GF: $2,500.0, Total: $2,500.0)
  The majority of the buildings on the UAA campus are currently operating with the original fire alarm systems that were installed when the buildings were constructed. Buildings on West Campus are approaching 35 years old. The existing fire alarm systems do not provide the benefits of today's technology. Replacement components of the existing systems are no longer manufactured and/or the components no longer carry UL listings. Notification system requirements under the Americans with Disabilities Act cannot be easily retrofitted into the existing systems. The analog addressable fire alarm systems have superior features and flexibility for future code requirements. These systems also allow sensitivity adjustments of individual devices from the control panel, reducing the incidences of nuisance alarms and will reduce maintenance time locating a single malfunctioning sensor.

- **UAA Fine Arts Mechanical System Renewal**
  FY10 (GF: $7,500.0, Total: $7,500.0)
  The project scope involves the refurbishment/replacement of the mechanical systems (HVAC) serving the 92,000 gsf. facility. Work includes, but is not limited to, demolition; installing/modifying system piping; enlarging/remodeling existing boiler rooms; removing/replacing central MAU systems; installing separate, stand-alone HVAC systems; remodeling central fan room/constructing new central fan rooms; installing new central air handling systems with mixing boxes, pre-heat coils, filter sections, heating/cooling coils, steam humidification, variable speed fans, silencers and custom discharge plenums; replacing relief air fan systems; modifying/reconfiguring supply, exhaust, return air, outside air intake ductwork; installing new variable air volume terminal units; sealing air transfer openings; installing/replacing unit heaters; installing new fume hoods/dust collection systems; replacing the existing pneumatic control system with DDC Building Automation System (BAS); updating fire alarm/fire sprinkler system components; duct cleaning; and system balancing.

- **UAA Campus Roof Replacement**
  FY10 (GF: $5,000.0, Total: $5,000.0)
  FY11-FY15 (GF: $25,000.0, Total: $25,000.0)
  UAA will systematically address roofing replacement by re-roofing 5 percent of its buildings each year. FY10 funds will address the most severe roofing needs as outlined in a Roofing Replacement Study that was done in the summer of 2007.

- **UAA Campus HVAC Upgrades**
  FY10 (GF: $1,000.0, Total: $1,000.0)
  FY11-FY15 (GF: $5,000.0, Total: $5,000.0)
  This project would replace boilers, fans, VAV boxes and building automation system controls in a number of campus buildings on the West Campus and the Administration Building on East Campus. Air conditioning in the Allied Health Sciences Building and many of the student computer labs would be resized and replaced to meet the needs of these areas.

- **UAA EM1 and EM2 Piping Replacement**
  FY10 (GF: $1,500.0, Total: $1,500.0)
  FY11-FY15 (GF: $1,500.0, Total: $1,500.0)
  The project will remove and replace approximately 6000 lineal feet of 4 inch, 6 inch and larger underground piping and associated valves and connections. The project includes the repair of 8 inch piping and smaller as well as the repair/replacement of valves/fittings/couplings/etc. serving the connected buildings. Work also includes the replacement of the 2 inch natural gas feeder line with new PVC gas line and the addition of a 4 inch conduit sleeve for future electrical/telecommunications use. Work shall include, but is not limited to, the design, site investigation, site work including excavation, trenching, backfill and compaction; demolition; system drainage and refill; system cleaning; system inspection and testing; installation of pipe, associated fittings and components and pipe insulation; area clean-up and debris removal; and all associated work for a complete and usable system.

- **UAA Campus Roads, Curbs and Sidewalks**
  FY10 (GF: $6,400.0, Total: $6,400.0)
  This project includes repair and resurfacing of roads, resurfacing and/or expansion of existing sidewalks and curb/gutters as well as additional construction where required by traffic, new construction, or code.

UAA Community Campuses **Distribution (Annual: $1,922.7, Backlog: $6,848.3)**

- **UAA KPC Kenai River Campus Water connection to City Water System**
  FY10 (GF: $600.0, Total: $600.0)
  This project would allow for completion of the on property water utility connections to the campus buildings, installation of the necessary interior plumbing and abandonment of the existing water well.

- **UAA Community Campus Fire Systems Upgrade**
  FY10 (GF: $1,000.0, Total: $1,000.0)
  The existing generation of fire detection and alarm systems at community colleges are no longer supported by the manufacturer and cannot be upgraded. This project replaces components to an addressable fire alarm system. These systems have superior features and flexibility for code requirements.

- **UAA Community Campus Code/ADA Projects**
  FY10 (GF: $1,000.0, Total: $1,000.0)
  This request is for funds to address minor code and ADA projects at the community campus sites. The projects include items such as air quality improvements in a welding lab, replacement of ADA door closures, ADA compliant signage, emergency call box/telephones, and stair rail replacement. (The approximate funding distribution would be as follows: KPC $.5M, PWSCC $.3M, MSC $.1M, and KOC $.1M)

- **UAA Community Campus Cable Plant Renewal Phase II**
  FY10 (GF: $1,000.0, Total: $1,000.0)
  This project will complete the consolidation of existing separate telephone and data network cable systems into a single converged physical copper/fiber network at the community campuses.

- **UAA PWSCC Wellness Center/Student Life Renewal**
  FY10 (GF: $3,600.0, Total: $3,600.0)
  This project will allow for upgrades to the electrical and mechanical systems, repair of water damaged interior finishes, abatement of asbestos materials and mold, and reconfiguration of the space to make it more efficient.

- **UAA Mat-Su HVAC, Boiler and Exhaust Fan Replacement**
  FY10 (GF: $2,440.0, Total: $2,440.0)
  This project will provide a new roof-top mounted air handling unit, boilers, exhaust fans and a VAV system to provide adequate air exchanges to meet current code requirements and to improve work and study conditions in the building.

UA Fairbanks Campus & TVC **Distribution (Annual: $28,921.1, Backlog: $94,089.4)**

- **UAF Fairbanks Campus Main Waste Line Repairs**
  FY10 (GF: $3,000.0, Total: $3,000.0)
  FY11-FY15 (GF: $5,250.0, Total: $5,250.0)
  Much of the sanitary and storm sewer main piping on campus is original woodstave or clay piping dating back nearly 60 years. These mains, though not at full capacity, have far exceeded their useable life. Campus growth and an ever-changing regulatory environment require the modification and upgrade of the waste water handling infrastructure. Based on the June 1, 2005 EPA MS-4 permit regarding storm water discharge UAF will be required to install storm water collection infrastructure for buildings and streets by 2009. This requirement also includes modifications to the sanitary waste lines to ensure complete separation of the two systems. The project will replace several thousand feet of waste line main piping with new modern materials with a life that exceeds 60 years.

- **UAF Critical Electrical Distribution**
  FY10 (GF: $10,000.0, Total: $10,000.0)
  FY11-FY15 (GF: $21,000.0, Total: $21,000.0)
  The existing electrical distribution system at UAF is nearly 50 years old. With the completion of several new facilities, the antiquated equipment could be stretched beyond it capabilities and begin to fail. To ensure campus power is not shutdown, major upgrades must be made to replace the ancient switchboard and cabling and bring the campus distribution back into code compliance.

- **UAF Atkinson Power Plant Critical Utilities Revitalization**
  FY10 (GF: $20,500.0, Total: $20,500.0)
  FY11-FY15 (GF: $18,000.0, Total: $18,000.0)
  The UAF power plant is a co-generation facility that provides electrical power, domestic and firefighting water, and steam for heating buildings. The plant is over 40 years old and many components have exceeded their useful life. This project will address revitalization of the highest priority utilities deficiencies on the UAF Main Campus. Power Plant renewal items will include the steam and electrical system and water system. The items were identified in the 2006 Utility Development Plan as needing "immediate action." Avoiding a major utility catastrophe is the primary project objective.

- **UAF West Ridge Energy Conservation**
  FY10 (GF: $15,000.0, Total: $15,000.0)
  Chilling of buildings on the West Ridge is currently accomplished using electric driven chillers. This electric load generates excess steam from the power plant that then needs to be condensed. The energy efficiency of making chilled water can be significantly increased by installing absorption chillers that use steam instead of electricity. Annual savings are estimated to be approximately $400,000. The new centralized chilling facility would provide chilled water to individual buildings using a piping system in the utilidor.

- **UAF Atkinson Power Plant Boiler and Turbine Replacement**
  FY10 (GF: $5,000.0, Total: $5,000.0)
  FY11-FY15 (GF: $140,000.0, Total: $140,000.0)
  The 2006 Utilities Development Plant identified the preferred option for providing current and future energy (electric and building heat) as replacing and expanding the current coal fired combined heat and power (CHP) plant. New efficient coal boilers represent the lowest life cycle cost as well as the lowest carbon footprint of the options explored. The existing steam turbine has reached the end of its useful life and needs to be replaced prior to experiencing a catastrophic failure.

- **UAF TVCC 604 Barnette Space Revitalization Phase 4**
  FY10 (GF: $5,000.0, Total: $5,000.0)
  FY11-FY15 (GF: $14,300.0, Total: $14,300.0)
  The UAF Tanana Valley Campus Center at 604 Barnette Street in Fairbanks, Alaska (formerly the Fairbanks Courthouse) is in critical need of continuing major upgrades to ensure the reliable and efficient delivery of TVC programs focused on key Alaskan industries. The facility was designed and constructed in 1962-63. Since taking ownership in 2003, the University has accomplished two State funded projects and two additional projects funded by the Denali Commission. The State funded Phase 3 Exterior Envelope project is scheduled for 2009 construction. FY10 funding will complete the fourth floor revitalization for Allied Heath programs and upgrade antiquated elevator lift systems and cars. The UAF TVCC facility is in need of continuing major revitalization of interior spaces and the exterior grounds and parking. These needs are reflected in the continued phasing for construction in subsequent years.

- **UAF Headbolt Outlet Energy Conservation**
  FY10 (GF: $500.0, Total: $500.0)
  This project will replace existing non-cycled and manually cycled parking head bolt outlets with smart head bolt controllers. These intelligent parking lot controllers allow for easy retrofit of existing circuits and provide energy savings near 65% over non cycled lots by providing electricity only as needed. The units also greatly reduce maintenance and trouble calls to existing circuits.

- **UAF Elvey Building Renewal**

  FY10 (GF: $2,000.0, Total: $2,000.0)

  FY11-FY15 (GF: $61,000.0, Total: $61,000.0)

  Constructed in 1970, the Elvey Building is home to the UAF Geophysical Institute. The institute is a major center for many state emergency preparedness programs such as the Alaska Volcano Observatory and the Alaska Earthquake Information Center. These two programs track and disseminate information pertinent to the health and welfare of every Alaskan. Other organizations that call Elvey home include NASA, the US Department of Defense, US Geological Survey, and portions of the International Arctic Research Center. Since constructed, the facility and its key infrastructure components have passed their 30 year life expectancy and major renewal of the facility must occur. This request represents the first phase of renovation.

- **UAF Upper Dormitory Emergency Egress Code Corrections**

  FY10 (GF: $1,750.0, Total: $1,750.0)

  Current egress from the upper dormitories is obstructed by failing doors, stain glass windows, and deteriorating sidewalks and stairs. Currently no ADA access exists for the upper dorms at the main entrance. When disabled students, students and community members arrive they must be dropped off at the side of the building, which places them several hundred feet from the main entrance.

- **UAF Eielson/Signers Hall Code Corrections**

  FY10 (GF: $7,700.0, Total: $7,700.0)

  As the two oldest facilities on the UAF campus, Eielson and Signers do not have ventilation systems and experience problems maintaining comfortable temperatures in occupied zones. Other code corrections work will provide adequate exit pathways for building occupants and students. The facilities are 100% utilized for student admissions, registrar functions, financial aid, and campus administration.

- **UAF Campus Wide Housing Sprinklers**

  FY10 (GF: $1,000.0, Total: $1,000.0)

  In 1991, the UAF Fire Marshal and State Fire Marshal cited several residential facilities for a lack of a fire suppression system. In Fiscal Year 2006, UAF received limited funding to begin installation of sprinkler systems in the residence halls. Several small facilities have been completed with the limited budget, but the large apartment complexes are still on the list to be completed. Fire sprinklers are 99% effective in eliminating property damage during a fire.

- **UAF Fairbanks Main Campus Wide Roof Replacement**
  FY10 (GF: $2,725.0, Total: $2,725.0)
  FY11-FY15 (GF: $1,550.0, Total: $1,550.0)
  UAF's last major roof replacement project started in 1994, over 13 years ago. Although that project replaced several roof systems on major buildings, there are many large campus structures that still have their original roof systems. As buildings on campus age and do not receive adequate R&R funding, roofing system repairs only offer a band-aid solution to a long term problem. Funding is required for a multi-year project to replace roofs that have surpassed their useable life and are at risk of complete failure.

- **UAF Lola Tilly Food Refrigeration Emergency Power**
  FY10 (GF: $350.0, Total: $350.0)
  During a power outage, freezers around campus must be connected to emergency power backup generators to preserve the contents whether they are related to dining, research, or archival. Lola Tilly Commons, the main source of dining for students, does not have provisions for connection to emergency power and the potential for losing valuable food is extremely high. The project will provide means for backup power to be connected to the cooling units to ensure the preservation of the stored goods.

- **UAF University Park Building Deferred Renewal**
  FY10 (GF: $4,500.0, Total: $4,500.0)
  FY11-FY15 (GF: $4,500.0, Total: $4,500.0)
  This project will renovate and revitalize the 50 year old school which currently houses the Fire and Police Academy, Cooperative Extension offices, and other programs for the Tanana Valley Campus. The building is vital to the training and education of Alaska's future fire fighters, medics, and police officers.

- **UAF ADA Compliance Ongoing Campus Wide**
  FY10 (GF: $1,750.0, Total: $1,750.0)
  FY11-FY15 (GF: $8,250.0, Total: $8,250.0)
  This project, with multiple phases, will make modifications to include accessibility improvements such as installation of new elevators, renovations to restrooms, improvements to accessibility routes, replacing drinking fountains and modifying stairwell handrails. Buildings being addressed include Signers' Hall, AHRB, Cooperative Extension, Elvey, Gruening, Eielson, O Neill, Irving and Constitution Hall.

- **UAF Building Envelope Energy Conservation**
  FY10 (GF: $5,000.0, Total: $5,000.0)
  FY11-FY15 (GF: $25,000.0, Total: $25,000.0)
  In order to help curb the rising energy costs, the university's facilities need to be retrofit with newer, more energy efficient building envelopes to include insulation, roofs, external skins, exterior doors, and windows.

- **UAF Elevator Modernization Upgrades-Phase 4 of 7**

  FY10 (GF: $500.0, Total: $500.0)

  FY11-FY15 (GF: $1,700.0, Total: $1,700.0)

  UAF Facilities Services manages the operation and maintenance for a fleet of more than 50 elevators and lifts with an average age of over 25 years. With the help of an FY01 audit, 28 elevators were identified as needing modernization upgrades. This request represents the fourth phase of a multi-year modernization plan and will address ADA, code, and deferred maintenance improvements to two elevators.

- **UAF Patty Center Revitalization**

  FY10 (GF: $1,100.0, Total: $1,100.0)

  FY11-FY15 (GF: $48,250.0, Total: $48,250.0)

  Constructed in 1963 to replace an existing 40 year old gym, the Patty Center now houses sports and recreational space for five NCAA Division 2, and two NCAA Division 1 sports, both men's and women's teams, that are a vital part of the UAF Campus Life Master Plan. The construction project will correct an abundant list of code citations and extend the life of the 45-year-old facility. The facility must be brought up to meet basic standards to remain competitive.

- **UAF Campus Wide Building Electrical Code Compliance**

  FY10 (GF: $1,400.0, Total: $1,400.0)

  FY11-FY15 (GF: $1,350.0, Total: $1,350.0)

  Electrical systems of campus buildings constructed prior to the 1980s are nearing the end of their operational life and/or have sustained damage during their life and should be replaced as soon as possible. Additionally, some equipment in these facilities does not meet current electrical codes and/or is no longer supported by the manufacturer.

- **UAF Arctic Health Research Building Deferred Renewal - Phase 3 of 4 for Initiative Programs**

  FY10 (GF: $10,500.0, Total: $10,500.0)

  FY11-FY15 (GF: $42,650.0, Total: $42,650.0)

  Built over 40 years ago, AHRB has an ever increasing list of deferred renewal projects that are now affecting critical research and teaching in the building. Major renewal and renovation work must occur now to keep the building available for occupation and full use. Phase 1, funded in FY07, completed a revitalization of the eastern wing of the building by January 2008. Phase 2 work renovated portions of the building scheduled to be vacated in 2009 by the State of Alaska Public Health Lab and the recently vacated animal holding quarters. Phase 3 will renovate the south wing and some additional virology space to include offices, labs and mechanical spaces. Renewal of the entire building is key to teaching the next generation of resource managers and agricultural scientist. Fisheries teaching and research performed in the south wing of the building is specifically connected to Alaskan coastal and Bering Sea regions and provides managers and fishermen significant information about the health and population of many harvested species. Other labs in this wing provide teaching space for large animal species such as reindeer and caribou.

- **UAF Campus Wide Asbestos Abatement Phase 2 of 8**
  FY10 (GF: $400.0, Total: $400.0)
  FY11-FY15 (GF: $2,375.0, Total: $2,375.0)
  Currently asbestos pipe insulation, floor tile, mastic, and fire wall exists in nearly one third of all campus facilities. The asbestos needs to be removed because it adds significantly to the costs and timeliness of renovation and construction projects and creates a serious health hazard to the campus community.

- **UAF Student Services Renewal -Student Union and Original Bookstore**
  FY10 (GF: $275.0, Total: $275.0)
  FY11-FY15 (GF: $23,200.0, Total: $23,200.0)
  As part of the recently completed Campus Life Master Plan and in support of UAF Strategic Plan 2010, the Wood Center and Constitution Hall must be renewed to provide more efficient and effective services to the students.

- **UAF Original Duckering Ventilation Completion**
  FY10 (GF: $1,650.0, Total: $1,650.0)
  During the 1999 renovation of the Duckering Building, funding was not available to complete required ventilation upgrades to the north wing of the facility. New construction work will install code compliant ventilation to the labs and offices in the north wing.

- **UAF Salisbury Theatre Renovation**
  FY10 (GF: $2,650.0, Total: $2,650.0)
  The UAF Fine Arts Complex including the Salisbury Theatre was built in 1970 and has never had a complete renovation. The renovation of the complex was partially funded in 1998 for the first of three phases of work. The Music Wing was renovated in 2002. The Art Wing is being renovated in 2008. Funding for the third phase of the work is on the capital request list. Renovation of the Salisbury Theatre is an important part of the Theater Wing renovation. Maintenance costs on the seating alone are justification for proceeding with this work immediately.

- **UAF Power Plant Code Corrections Phase 3 of 3**
  FY10 (GF: $3,900.0, Total: $3,900.0)
  The Power Plant Code Corrections project will complete the code construction to bring the facility into code compliance. The work includes relocation of the plant control room for egress, partial automatic sprinkler system in the building, and other code upgrades to the HVAC, Electrical, and fire alarm components.

- **UAF North Tanana Loop Road Completion**
  FY10 (GF: $3,850.0, Total: $3,850.0)
  This project will complete the northern link of Tanana Loop, the roadway that circles the campus. The project will also create efficient and attractive pedestrian walkways close to the roadway for non-motorized users. Existing roads will be resurfaced and sidewalks will be replaced to maintain ADA compliance.

- **UAF Campus Wide Fire Alarms**
  FY10 (GF: $900.0, Total: $900.0)
  FY11-FY15 (GF: $1,450.0, Total: $1,450.0)
  Campus Fire Alarm Systems in many facilities are over 20 years old and either no longer can be serviced or are now non-code compliant. Systems in residential housing are extremely important to correct. The project will repair or replace the systems with the highest risk for failure.

- **UAF Kodiak FITC Renewal**
  FY10 (GF: $977.0, Total: $977.0)
  The Kodiak Fishery Industrial Technology Center Renewal Project will address items critical to the mission of the facility including energy conservation initiatives. Expected annual savings on utility costs is $25,000.

- **UAF Exterior Light Energy Conservation**
  FY10 (GF: $1,750.0, Total: $1,750.0)
  FY11-FY15 (GF: $1,100.0, Total: $1,100.0)
  Improved lighting provides for pedestrian/vehicle interface zones and reduces the unlit or shadowed areas adjacent to pathways and outdoor seating areas.

- **UAF Renovation/Reclamation Machine Room B, Bunnell**
  FY10 (GF: $100.0, Total: $100.0)
  FY11-FY15 (GF: $390.0, Total: $390.0)
  This renovation and reclamation project is expected to save $200,000 annually in electrical cooling costs at UAF and reclaim Bunnell Machine Room B, Room 230 as usable classroom and support space for UAF upon decommissioning as a computer machine room. FY10 funding will provide for upgrading the infrastructure for telecommunications. FY11 funding will make additional capital renovations and improvements.

- **UAF Irving 1 Code Corrections**
  FY10 (GF: $550.0, Total: $550.0)
  FY11-FY15 (GF: $20,000.0, Total: $20,000.0)
  Currently, the Irving Building complex has over 100 code citations. These code citations must be addressed as quickly as possible to avoid the fire marshal closing the facility.

- **UAF Gruening Code Corrections**
  FY10 (GF: $550.0, Total: $550.0)
  FY11-FY15 (GF: $8,200.0, Total: $8,200.0)
  The Gruening building contains more students and staff than any other building on campus and is in need of significant code required upgrades to the existing fire exits, HVAC, and electrical panels, in addition to upgrades for ADA compliance.

- **UAF Palmer Farm Seed Building Seismic and Building Code Upgrade**
  FY10 (GF: $2,200.0, Total: $2,200.0)
  FY11-FY15 (GF: $1,650.0, Total: $1,650.0)
  The seed lab at the Palmer Farm is a critical part of UAF's agricultural sciences mission, providing farmers in Alaska with critical information. The current facility was built in two parts and the structures were never reinforced against earthquakes. The project will provide the needed expansion joints and shear walls to correct the condition. The project will also include code corrections for electrical corridor exiting issues.

- **UAF Physical Plant Code Corrections Phase 3 of 3**
  FY10 (GF: $4,650.0, Total: $4,650.0)
  This project reconfigures the Physical Plant building to correct existing code and operational deficiencies and to accommodate the maintenance and operations shops within Facilities Services. This is the final phase of work to complete the code and operational deficiencies within the administrative areas of this 1964 facility that is the core of operations for the maintenance work at UAF.

- **UAF Fine Arts Code Corrections Phase 3 of 3**
  FY10 (GF: $550.0, Total: $550.0)
  FY11-FY15 (GF: $16,100.0, Total: $16,100.0)
  Built in 1970, the Fine Arts Complex has never had a major renovation. The Fine Arts Complex houses the music, theatre and art wings, Davis Concert Hall, Salisbury Theatre, KUAC and Great Hall at UAF. This request includes modifications and corrections to the heating and ventilation systems and the electrical distribution panels that are in critical need of replacement.

UAF Community Campuses **Distribution (Annual: $926.0, Backlog: $7,800.0)**

- **UAF Kuskokwim Campus Facility Critical Deferred Renewal -- Phase 2 of 4**
  FY10 (GF: $7,800.0, Total: $7,800.0)
  FY11-FY15 (GF: $16,900.0, Total: $16,900.0)
  Current operating M&R funding levels are not sufficient to meet the critical maintenance needs at the rural campuses. Critical needs include repairing railings and boardwalks, upgrading electrical systems, boiler replacements, interior wall finishes, floor finishes, and ventilation issues.

- **UAF Community Campus Energy Conservation**
  FY10 (GF: $ 570.0, Total: $570.0)
  FY11-FY15 (GF:16,900.0 Total: $16,900.0)
  Energy cost are rising throughout the state, but especially so in our rural communities. In order to help curb the rising costs, the university's facilities need to be assessed, updated and retrofit with newer, more energy efficient systems on the Chukchi, Kuskokwim, Northwest and Interior-Aleutians campuses.

UAS Community Campus **Distribution (Annual: $5,790.0 Backlog: $0)**
UA Juneau Campus **Distribution (Annual: $0, Backlog: $6,005.1)**

- **UAS Sitka Hangar Code Corrections**
  FY10 (GF: $5,790.0, Total: $5,790.0)
  This project would construct area separations between conflicting vocational spaces, construct an exit corridor through the hangar and install code compliant mechanical, electrical, and fire systems in the open hangar area of the Sitka Campus facility.

- **UAS Hendrickson Remodel and Renovation**
  FY10 (GF: $2,850.0, Total: $2,850.0)
  This project will renew and remodel the Hendrickson Building and the Hendrickson Annex to provide more effective use of the space, replace building heating and ventilation systems, interior finishes, and pave the gravel parking lot.

- **UAS Juneau Campus Roof Replacement**
  FY10 (GF: $1,920.0, Total: $1,920.0)
  FY11-FY15 (GF: $770.0, Total: $770.0)
  This project will replace several roofs on the Juneau campus. The FY10 amount is intended to replace the original Egan Library roof membrane and the original student housing apartment metal roofing. The FY12 amount is intended to replace the original Technology Education Center membrane.

- **UAS Technology Education Center Diesel Lab Renovation**
  FY10 (GF: $490.0, Total: $490.0)
  This project will move and enlarge the diesel engine classroom and lab in the Technology Education Center in Juneau. Growing enrollment and industry training demands are overtaxing the current teaching spaces.

- **UAS Whitehead Computer Room Upgrade**
  FY10 (GF: $310.0, Total: $310.0)
  This project will configure and renovate HVAC and power services to the UAS main computer center in the Whitehead Building. The Whitehead building secure machine room houses the primary computing and network equipment for the Southeast region. This equipment is critical for services both local to UAS and on a statewide level. These include all academic and administrative servers, television broadcasting for UATV and Gavel-to-Gavel, the Juneau campus telephone system, and building security control systems. The electrical and cooling systems in the room are unable to meet current demands, especially during the summer months. Unstable power and excessive temperatures have already caused equipment failure. Continued growth is expected as both campus and statewide systems require additional equipment. The current situation presents substantial risk for UAS from an operational and public relations perspective.

Statewide **Distribution (Annual: $1,040.2 Backlog $3,120.6)**

- **Statewide OIT Butrovich Computer Facility Backup Power**
  FY10 (GF: $2,000.0, Total: $2,000.0)
  This project will provide self-contained backup power for the UA Butrovich Computer Facility. This system will provide a total 1,250 kW of uninterruptible power to the computers, communications systems and computer facility equipment in the event of a utility power loss. Backup power will ensure the continued operation of the computer facility and allow for extended operation without a catastrophic loss of hardware, software or data.

- **Statewide Go "Green" Butrovich Computer Facility/Phase I: Prelim Design**
  FY10 (GF: $50.0, Total: $50.0)
  Funding this project will allow for the investigation and selection of a preliminary design for energy-efficient methods of providing cooling for the Butrovich Computer Facility. The existing in-place technology, though commonly used throughout the industry, is energy-intensive and energy-expensive. This project will identify the viability and cost of energy-efficient cooling technologies that take better advantage of the local climate.

- **Statewide Electrical Redundancy: Butrovich Computer Facility/Phase 1: Prelim Design**
  FY10 (GF: $50.0, Total: $50.0)
  Funding this project will allow for investigation and provide preliminary design for redundant electrical buss architecture. This equipment will eliminate the remaining single-points-of-failure, allow for full online maintenance, and eliminate the need for downtime to computing and network resources for facility maintenance.

New Construction & Additional Facility Capital Needs

- **UAF Life Sciences Innovation and Learning Facilities**
  FY10 (GF: $61,570.0, NGF: $41,250.0, Total: $102,820.0)
  The Life Sciences Innovation and Learning project will provide critical instructional classrooms and research lab space for life sciences programs; the largest 4-year degree program in the University system and one of the largest biology research programs in the country. Life Sciences includes programs such as wildlife management, pre-medicine/veterinary, wildlife and plant biology, physiology, ecosystem and global climate change science, evolutionary biology, and population genetics. The BIOS facility requested in FY08 and FY09 is the right solution to meet the needs of these programs. However, this alternative approach is the minimum necessary to address UAF's immediate life science instruction and research space needs in a timely manner. Keep in mind, this alternative does not provide for necessary program growth, merely immediate needs.

- **UAS Auke Lake Way Campus Entry Improvements & Road Realignment**
  FY10 (GF: $4,130.0, Total: $4,130.0)
  This project will remove public vehicular traffic from the center of the Juneau academic core and reconstruct the existing roadway to a pedestrian greenway. The work involves creating new pedestrian paths, installing new site lighting, signage, landscaping, planting, and drainage modifications. This project was a prominent recommendation of the 2002 UAS Campus Master Plan.

- **UAA Sports Arena**

  FY10 (GF: $65,000.0, Total: $65,000.0)

  Funding this request will enable UAA to construct a new Sports Arena. In FY 09, the Alaska State Legislature appropriated $15M for planning and site development for this new facility. This $65M request will be used to construct a 130,000 gross square foot facility featuring a three-court gymnasium that can be transformed into a 3,500 seat performance gym for basketball, volleyball, and other university and community events. The facility will also house a gymnastics facility, and a two-court auxiliary gym for additional student, academic, and community use. A one-eighth mile running track will circle the performance gymnasium. The facility will also house a fitness center, training room, locker rooms, academic classrooms, and administration offices and storage. Currently, UAA has extremely inadequate space for athletics: from intercollegiate to academics to intramural and recreational use. The Wells Fargo Sports Complex (WFSC) has one basketball court, a pool, a practice hockey rink, and a small weight training area converted from racquetball courts. Additionally, there are very limited locker rooms and administration offices. WFSC opened in 1978 as a recreational facility for a community college with no collegiate athletics, physical education academic program, or on-campus housing. Today there are 14,000 commuter students, 1000 on-campus student residents, 300 Health, Physical Education, and Recreation (HPER) academic program students, 11 college Division I and Division II athletic teams, 168 men and women student-athletes, seven head coaches, 14 assistant coaches, 19 other athletic staff personnel, and thousands of community members trying to share this space. This small facility is overwhelmed and is used every available hour of every day. It can handle up to 2000 customers a week and would easily attract another 2500-3000 customers a week if there were space.

- **UAF Alaska Region Research Vessel Additional Receipt Authority**

  FY11 (NGF: $45,000.0, Total: $45,000.0)

  In FY05, UAF was given receipt authority up to $80M for National Science Foundation funding to purchase a new research vessel. The NSF funding became available in the fall of 2007 and has increased to accommodate inflation and changes in scope of work over the past few years. Additional receipt authority is needed to accept the NSF funding and the new research vessel.

Planning for New Facilities (not prioritized) **(TBD)**

New Facilities Planning funds are requested for facilities necessary to accommodate instruction and research program growth, campus services, and improve energy efficiency. Planning funds are proposed for an engineering instruction facility at UAA, an engineering facility expansion and an energy technology facility at UAF, a co-generation heat and power plant at UAA in conjunction with Providence Hospital and Anchorage Municipal Light and Power (MPL), and a fire station and housing facility replacement at UAF. Also included is a funding request for a feasibility study on new facilities requested by community campuses. There were several new facilities requested by community campuses in FY10. Given the high cost of construction, maintenance and utilities, and the changing demographic at many of these sites, a more through analysis of the facility needs is warranted.

- **UAA Engineering Classroom Laboratory Research Building**
  TBD
  This project would construct a building adjacent to and north of the existing Engineering building on the Anchorage Campus. The building would provide classrooms, instructional and research laboratory space, Faculty/Staff offices and student interaction areas. It would allow for consolidation of all the School of Engineering programs and staff in order to better meet the needs of the students and support Faculty/Staff collaboration. The project would also include the realignment of Mallard Lane into its existing right of way and provide approximately 5,000 sqft. of warehouse space and a yard for engineering lab equipment, materials and instructional exercises and research experiments.

- **UAF Engineering and Energy Technology**
  TBD
  Since the combination of the School of Engineering and the School of Mineral Engineering, space in the Duckering building has become short in supply and high in demand. During the last semester, freshmen enrollment doubled, putting further strain on the over-utilized facility. A critical need exists for expanded teaching and research laboratory space as both programs continue to grow. Completion of a new engineering and energy facility project will foster continued growth in engineering academics, research, and job training for future engineers to benefit Alaska's construction, oil, and gas industries. New space will also be allocated to the Alaska Center for Energy and Power as they work to find solutions for communities across the state. This project will be the single most important key to meeting the State's demand of doubling the number of graduating engineers by 2013.

- **UAA Cogeneration Plant (PROV/MLP)**
  FY10 (GF: $2,000.0, Total: $2,000.0)
  This project includes the planning, programming, design and construction of a 10 megawatt Central Heating and Power Plant as a joint venture between UAA, Providence Hospital and Anchorage Municipal Light and Power (ML&P). UAA would provide the site, building and associated real property components while ML&P would provide the natural gas fired turbine generators and staff to maintain and operate them. Additional capital resources would be provided by Providence Hospital.

- **UAF Fire Station and Student Firefighter Training Center**
  FY10 (GF: $1,000.0, $ Total: $2,000.0)
  Constructed in 1964, the Whitaker Building is the current home for the University Fire Department, University Police Department, and University Dispatch center. Critical in nature, the current facility fails to meet current seismic building codes and is in need of replacement. An expanded facility is required to meet the increasing demand placed on its emergency services due to increasing call volume and population. The new building will enhance the current academic programs in Fire Science by providing a large training classroom, hands-on training with working fire apparatus, and an outside area for practical firefighting applications.

- **Feasibility Studies Community Campuses New Facilities**
  FY10 (GF: $4,000.0, Total: $4,000.0)
  Funding for this project would allow for a feasibility study on new facilities requested by community campuses. There were several new facilities requested by community campuses in FY10. Given the high cost of construction, maintenance and utilities, and the changing demographic at many of these sites a more through analysis of the facility needs is warranted.

Energy Projects **(GF: $20,950.0)**

- **ACEP - AEA Partnership for Energy Solutions**
  FY10 (GF: $10,000.0, Total: $10,000.0)
  Funding this project will allow ACEP to fill this gap by working in close coordination with AEA to serve as the State's research and development arm for testing emerging energy technologies. This will be accomplished in part with test beds for assessment of technologies or products that could be deployed in Alaska in the short and mid-term (1-5 years). The emphasis will be placed on technologies applicable to rural Alaska. By funding ACEP as AEA's partner in energy technology, Alaska has the opportunity to truly become a leader on the world stage in energy development in a manner that can provide stable, affordable energy throughout the state while simultaneously developing economic opportunities for its residents and its industries. It is by taking this type of balanced approach between forward-thinking policy, investment in cost-effective projects, and investment in research to 'peer over the horizon' at emerging technologies that will provide future energy solutions that this goal can be realized.

- **Immediate Testing Facility Requirement**

  FY10 (GF: $500.0, Total: $500.0)

  Energy technology development and testing requires a facility that has heated space, adequate wiring, and fire protection. The space does not need to be customized except to have a garage door for loading and unloading equipment, and a high-bay area for large testing equipment. There is presently no space in which this type of testing can be done at UAF without some renovation or space rental. The unheated space in the MIRL Annex would facilitate such a testing facility provided some improvements. The Alaska Center for Energy and Power is presently occupying the office space in the MIRL Annex. While the renovation will not be a permanent fix to the space needs of energy research at UAF, it will serve to meet capacity in the interim. Energy research is critical to the state. A testing facility is needed to evaluate new technologies. While paper studies will benefit many aspects of energy research and development, only physical testing can provide many answers needed in rural communities seeking to adopt new energy technologies.

- **Rural Power Projects**

  FY10 (GF: $1,700.0, Total: $1,700.0)

  Funding this project will allow UA to help Rural Alaska with the energy crisis. This applies to heating, transportation and electrical power. This initiative focuses on power generation. The funding will be used to support a researcher, staff and equipment/supplies/travel for 5 years to be dedicated to the development of rural power options. ACEP has already been asked to assist with rural power projects in hydrokinetic, geothermal, wind and biomass energy for communities, schools, and corporations. As these relationships develop, funding is needed to build and support capacity.

- **Energy Data Network**

  FY10 (GF: $1,100.0, Total: $1,100.0)

  The purpose of this project is to establish and maintain for 5 years the Alaska Energy Data Network within ISER. Through this initiative ISER will collect, compile, maintain, and make readily available a comprehensive database on energy use and supply within Alaska at the community, regional and statewide level. Currently there is no comprehensive data whatsoever on energy use and cost at the community level. State and federal energy policy is being made largely in an information vacuum. Even basic publications such the “Alaska Electric Power Statistics” have not been published regularly for more than a decade. Just as ISER’s Man-in-the Arctic Program (MAP) economic database provides authoritative economic data, the UA Alaska Energy Data Network will provide consistent and authoritative energy data. These data will be publicly available over the Web and can be used directly to inform decisions or for further analysis.

- **Transportation Fuels Initiative**

  FY10 (GF: $780.0, Total: $780.0)

  Funding this project will enable ACEP to focus on finding solutions to Alaska's energy needs. Alternative fuels for transportation is a significant concern for Alaskans. Transportation fuels are a specific need that cannot directly be satisfied with renewable sources. While much attention is currently being paid to reducing the cost of electricity and heating fuel, the cost of transportation fuel is increasing the cost of goods and services across the state. In a state that relies on transportation for many products to and from the state, a new approach to transportation fuels is needed.

- **Sustainable Infrastructure/CCHRC Collaboration**

  FY10 (GF: $1,000.0, Total: $1,000.0)

  Funding this project would allow for the sustainable infrastructure of the Cold Climate Housing Research Center that has been on the University of Alaska Fairbanks campus for 2 years. During that time, INE and CCHRC have sought to develop projects together. While some projects have been very fruitful, there is a great need for funding dedicated to developing this partnership. The funding would allow for faculty, students, and equipment to be dedicated to sustainable infrastructure. The bulk of this work would focus on housing, however, other infrastructure, such as commercial and industrial facilities will be investigated. This work will be part of the Alaska Center for Energy and Power.

- **Alaskan Coal**

  FY10 (GF: $1,020.0, Total: $1,020.0)

  Funding this project will allow UA to investigate coal technologies that can allow Alaska to take advantage of its rich resources. Alaskan Coal is one of the most significant known sources of energy in the United States. Between 25 and 50% of US coal is in Alaska. While UAF's niche for coal is not with the fundamental research in gasification or coal to liquids technologies, but in the application of these technologies. The project will address: coal preparation technology (such as ultra clean coal treatment), coal conversion technology (such as gasification) and coal product technologies (such as hydrogen from syngas used in fuel cells or conversion to liquids). Alaska's primary export may eventually shift from petroleum to coal as the petroleum resource is diminished. Funding this initiative will best position the state to build Alaska coal into its energy portfolio now and in the future.

- **Carbon Sequestration Options**

  FY10 (GF: $1,125.0, Total: $1,125.0)

  Funding this project will allow the geological and geotechnical characterization of two suitable sites in Alaska for the permanent storage of carbon dioxide emissions from stationary power plants. The permanent sequestration is accomplished through the reaction of carbon dioxide with the major constituent minerals of mafic volcanic rocks (basalts) to form the calcium, magnesium and iron carbonate minerals calcite, dolomite, and siderite respectively. Mafic volcanic rocks are formed at high temperatures (>1000 centigrade) and thus are unstable at the lower temperatures of the earth's surface and near surface. In the presence of carbon dioxide and water vapor, the constitute minerals naturally alter by the chemical weathering process to form more stable forms including the carbonates and clay minerals. Under natural conditions at the earth's surface, these reactions occur over time periods of hundreds of years however at the temperature of power plant emissions and at depths of a few hundred meters these reactions occur nearly instantaneously. Furthermore these reactions are exothermic and thus generate heat.

Biomass Energy Program

- FY10 (GF: $3,725.0, Total: $3,725.0)

  Funding this project will answer five questions if biomass is to play a role in Alaska's energy future: 1) what is the amount of biomass resource available for use as an energy source, 2) what is the physical and chemical make-up of that biomass, 3) what fuel format is appropriate, 4) can technologies perform efficiently, and 5) are our systems financially and environmentally sound. The successful use of biomass as a part of a sustainable energy supply in Alaska requires a combination of expertise, facilities and outreach to explore the ways Alaskan species and waste products can be best used in the production of heat, electricity, and bioproducts. This approach must account for the diverse geographical and climatic regions of the state, the technical aspects of fuel production, social and economic implications, and educational and outreach needs to ensure adoption of new technologies and sustainable use of natural resources and waste products. Biomass will play an efficient and effective role in Alaska's energy future and in the short-term.

Climate Projects **(GF: $21,500.0)**

- **Ocean Acidification**

  FY10 (GF: $1,000.0, Total: $1,000.0)

  Funding this request will enable UA to establish a project that will quantify the potential effects of ocean acidification in Alaskan marine waters. This emerging problem is little understood in Alaskan waters, but has the potential of a very large impact on the marine ecosystems that support the extraordinary fishery resources. Through this initiative IMS will conduct an assessment of the degree of acidification of Alaskan marine waters, especially the Bering Sea. The project will collect, compile, maintain, and make readily available a comprehensive database on the pH and its potential effect on biological resources within Alaska waters at the community, regional and statewide level. This project will investigate the potential impact of changing ocean acidification on Bering Sea fishery.

- **Commercial Fisheries**

  FY10 (GF: $1,000.0, Total: $1,000.0)

  Funding this request will enable UA to characterize the impact that changing climate is having upon Alaskan salmon and other commercial species in Alaskan waters. Through this initiative the Fisheries Division will conduct an assessment of the impact that changing climate is having upon Alaskan salmon and other commercial species in Alaskan waters. The project will collect, compile, maintain, and make readily available a comprehensive database on the findings and their potential effect on fisheries resources within Alaska waters at the community, regional and statewide level. This project will investigate the extent that Climate change is being documented as a factor in changing distribution patterns and ranges, in periods of the runs, and in the species mix harvested as catch and bycatch. For example, the pollock fishing fleet vessels are finding it necessary to travel farther north each season for their catch. This increases fuel costs and presents more hazardous weather and sea conditions.

- **Improving Sea Ice Forecasts**

  FY10 (GF: $1,500.0, Total: $1,500.0)

  Funding this project will improve reliability of sea ice projections (time scales of seasonal to 10s to 100s of years). The purchase of a state-of-the-art electromagnetic sensor to measure thickness from aircraft will provide data in near real-time to initialize sea-ice forecasts and validate long-term projections. Acquisition of this sensor will help us leverage additional funds from federal agencies and the private sector. The inadequacy of presently available information on future sea ice conditions has recently been apparent in the background information available to agencies involved in endangered species listings. The wide variance among climate model projections of future sea ice variations calls for a coordinated program of observations and modeling to quantify the oceanic and atmospheric drivers of sea ice variations, to more precisely incorporate the driving mechanisms into sea ice prediction systems, and to use observational information to enhance the ice-ocean modules used in global climate models.

- **Alaska Statewide Digital Mapping Initiative**

  FY10 (GF: $6,000.0, Total: $6,000.0)

  Funding this request will improve our ability to detect, mitigate and understand changes in the Alaskan ecosystem by establishing base-line maps of essential geographic characteristics. This program includes requests for support of a satellite receiving station, airborne sensors and mapping activities. UAF has an excellent space-borne program and field-based program, but we are almost completely lacking in the middle-scale-airborne capacity. With an airborne program, we can bridge this scale gap. Possible projects include flying geophysical sensors like lidar, NDVI, cameras (optical, IR, etc) and magnetics. These projects would support climate change studies, engineering, mining and mapping. These mapping efforts should begin with high-resolution coastline delineation, but then be expanded to include water resources (including lakes and wetlands), ecosystems and geology. In many cases, a quantitative assessment of our existing physiography has never been completed, so it is difficult to assess change.

- **Permafrost Dynamics**

  FY10 (GF: $1,000.0, Total: $1,000.0)

  Funding for this project will address long-term infrastructure fidelity and water resources availability as influenced by changing permafrost conditions and atmospheric circulation. Build capacity by which permafrost science, engineering, economics, and related fields are organized at the University of Alaska in a way that would bridge basic research and applications to meet user needs in Alaska and the broader Arctic. This end-to-end capability, encompassing basic permafrost research, engineering, and the social sciences, would enable the University of Alaska to assume world leadership in the planning and adaptation to changing environmental conditions in the North. Climate change and coastal erosion will affect our infrastructure situated in places where flooding, erosion, and permafrost damage are most acute. This will include accelerated degradation of structures, roads, runways, and water-sewer systems.

- **Improving Weather Predictions**

  FY10 (GF: $1,000.0, Total: $1,000.0)

  Funding this project will improve weather predictions utilizing the Weather Research and Forecasting (WRF) computational model for Alaska. Enhance capabilities and extend existing applications of WRF to allow for more forecast products to be applied to climate systems in the Alaska region, including aviation conditions in remote and urban parts of the state, marine surface state conditions, occurrence and degree of temperature inversions, and occurrence (location and height) of wildfire smoke. WRF is the dominant US weather forecast model used by NOAA, state agencies, and commercial forecasters. However, the WRF model has not yet been fully developed or well tuned to Alaskan conditions such as long-duration snow cover, ocean ice influences, and extended periods of light and darkness that are not found in the lower 48. Better prediction of weather phenomena will have distinct economic impact on industries dependent on weather, such as: logistical support for resource extraction; air transportation of people, services and goods; fisheries and seagoing navigation; and tourism.

- **Coastal Erosion, Inundation**

  FY10 (GF: $1,000.0, Total: $1,000.0)

  Funding for this project will address the coastal degradation that is the paramount near-term climate impact in the state. In two recent reports to the state – "Recommendations Report to the Governor's Subcabinet on Climate Change" and the Final Report of the Alaska Climate Impact Assessment Commission – call for immediate action to mitigate coastal impacts were made. At this point in time the detailed information about frequencies and magnitudes of storms, waves, and inundation events – upon which response plans are developed and engineering structures designed – is simply not available. An understanding of the coastal processes driving of erosion and inundation is less mature compared to terrestrial / oceanographic / atmospheric studies because, at the coast, all must be considered together. Ice affected areas are even less well understood yet are far more complex. Improved understanding requires a firm basis of observational data.

- **Climate Data Management**

  FY10 (GF: $1,000.0, Total: $1,000.0)

  Funding this project will enable UA to develop a data base that will link to research in energy security, food and fiber security, and clean and reliable water supplies to climate change data and the ability to provide compiled data sets of driving data for modeling specific system components. These data sets will be used to develop down-scaling algorithms to obtain climate projections tailored to the needs of users in specific locations (river discharge, soil wetness, snow loads, timing of freeze-up and break-up, sea level, and wave height, among many others). The Alaska Climate Impact Assessment Commission has identified a need to better communicate, manage, coordinate, and disseminate the aggregation of research projects among institutions in Alaska. This central data inventory / resource would be beneficial to efficient community planning and land and infrastructure management. This program would establish linkages among existing data archives in Alaska and elsewhere to enable analyses of environmental and social responses to a wide array of climate drivers.

- **Natural Hazards Monitoring**

  FY10 (GF: $1,000.0, Total: $1,000.0)

  Funding this request will allow UA to address the lack of natural hazards monitoring in the state. Alaska is seismically and volcanically active with attendant risks of injury, death and destruction due to earthquakes, tsunamis, and volcanoes. Since 1988, with the inception of the State Seismology Laboratory and the Alaska Earthquake Information Center at the Geophysical Institute (GI), and with a federally funded partnership with the US Geological Survey (USGS), many of the most seismically active areas have been instrumented. Typically 50 new earthquakes are added to the State Catalog each day. For each event over magnitude 3.5 near Alaskan cities, a shake map is prepared which contours areas of strong seismic disturbance for use, if emergency action is required. With a new partnership with the National Oceanic and Atmospheric Administration, this has been extended to include tsunami information and evaluations.

- **Frost Effects Laboratory**

  FY10 (GF: $4,500.0, Total: $4,500.0)

  Funding this request will allow UA to further investigate frost action that is a critical engineering consideration in all engineered structures in northern climates. To date most of our knowledge concerning frost action has come from forensic engineering and small scale laboratory testing. Further, existing facilities do not allow us to explore freezing and thawing of layered soils. Large scale testing will allows us to evaluate and understand design and failure mechanisms related to frost action. A large scale frost effects laboratory provides the ability to test methods to reduce damage to roadways in the spring, evaluate the impacts of soil freezing and thawing on cold and warm pipelines and other utilities and evaluate seismic response of structures on frozen materials. The impacts of freezing and thawing on civil structures is often dramatic. There are numerous cases of complete destruction of structures due to settlement, frost heave or thaw weakening.

- **Responding to Emerging Requests from the Climate Change Subcabinet**
  FY10 (GF: $2,500.0, Total: $2,500.0)
  Funding this request will allow UA to investigate our rapidly changing communities and investigate better methods of adaptation. We do not yet fully understand how the climate drivers and receptors interact, but our existing capabilities and facilities have drawn researchers from across the globe to the University of Alaska to collaborate in developing this understanding. A list of research needs has been formulated by the Governor's Sub-cabinet committee on climate change and this program will be responsive to those directives. UA has considerable expertise and visibility in its research on climate change ranging from field experiments across the Arctic, to modeling future changes as well as quantifying shifts in society land and resource use patterns. This consortium will coordinate, strengthen, enhance and expand the research and outreach capacity of UA's climate change research endeavors with a specific purpose to address Alaskan needs with respect to a changing climate.

Alaska Education Policy Project **(GF: $700.0)**

- **Alaska Education Policy Project**
  FY10 (GF: $700.0, Total: $700.0)
  This request will establish and operate the Center for Alaska Education Policy Research (CAEPR) within the Institute of Social and Economic Research and drawing on the expertise of UA's schools and colleges of education and of UA faculty in other areas. The CAEPR will coordinate with the State Department of Education and Early Development, school districts across Alaska, and other interested agencies and parties to provide policy advice to the Governor, Legislature, and other decision makers to promote peer-reviewed research on education policy that is relevant to Alaska. Alaska faces numerous challenges related to education policy, including teacher retention, high dropout rates, finance, and access to education in rural areas. There remains a significant need for more policy research, both focused on policy making and on the link between policy and practice. This work needs to encompass the entire range of education settings and ages. The proposed center will serve as the intellectual focal point for statewide education policy research.

University Equipment Refresh (Administrative & Academic) **(GF: $90,000.0)**

- **Administrative Equipment**
  Funding for this request is necessary to replace systems and infrastructures used in the transmission and retrieval of information. Advances in technology have made the way in which the university administers its electronic information obsolete and inefficient. This request would fund projects that would enhance program delivery to students, support research, and promote data security. Projects to be addressed with this funding would include an upgrade to the statewide digital archives, replacement of video-conferencing and enterprise server equipment, and a data center contingency plan.

- **Academic Equipment**

  To meet the growing demands to train Alaskans for today's jobs, instructional equipment and equipment to support portable teaching technologies for several vocational and technical programs is needed systemwide. Training for high demand jobs is a high priority for the UA system. Several new programs have been instituted in transportation, engineering, health, and education; and departments across the system provide the general education and discipline specific support classes that enable students to complete their certificates and degrees at all levels. Projects such as laboratory equipment to support high demand job programs, instructional equipment for vocational and technical programs and technologies to support distance delivery applications will be addressed.

Compliance/Business Efficiency Solutions **(GF: $10,000.0, Total $10,000.0)**

The University is automating processes throughout its system. These automations align with the strategic priorities of the University to improve its emergency response capability, increase efficiencies, contain costs, improve responses to legislature requests, and demonstrate responsible stewardship of the treasures of the state with which the University is entrusted. The automations include new accountability strategies for travel management reporting as well as technologies to enhance the University's community support.

University of Alaska
Approved FY10 Capital Budget Request and
FY10-FY15 Capital Improvement Plan

Development Guidelines

The goal of the Board of Regents' University of Alaska (UA) FY10-FY15 Capital Plan is to ensure that the necessary facilities, equipment and infrastructure are in place for the continued growth, refinement and improvement of the University as prescribed in the UA Strategic Plan. A six-year capital plan that mirrors the needs of the University provides the Board, President, executive staff and university community a clear understanding of the needed resources for capital projects and the annual operating costs associated with those projects. The six-year capital plan, which is based on the assumption of full funding by the State, will balance the required capital improvements with realistic expectations of UA's ability to systematically implement such improvements.

The guidelines are organized in the following sections: Background, Guiding Principles, General Development Process, Capital Project Categories, and Capital Project Scoring Criteria.

Background

- Facility renewal and replacement (R&R), deferred renewal, code corrections, and upgrades for University facilities are significant capital budget priorities. UA maintains nearly 400 buildings worth in excess of $1.6 billion. These facilities comprise 6.3 million gross square feet and have annual depreciation totaling $57 million. More than half of UA's buildings are more than 30 years old. UA must assure adequate funding requests for major renewal and replacement and deferred renewal projects for University facilities. Given the magnitude of its facilities, UA requires an annual minimum of $50 million for facility renewal and replacement. UA has received an average of $12.8 million over the last nine years.

- Through its operating budget, UA currently funds over $27 million approximately (1.5% of adjusted facility value) annually for facilities maintenance and repair (M&R). National industry standards prescribe two-four percent of current replacement value as the appropriate annual investment for M&R. Factors such as the age of the buildings, level of building use, and climate will determine the specific percentage.

- In November 2002 the State approved a significant General Obligation (GO) Bond, the first in over 20 years. As a result of the GO Bond, UA received partial funding for three major science facilities. Since that time, full funding has been appropriated for the UAA Integrated Sciences Facility (2006 and 2007); and for the UAF School of Fisheries and Ocean Sciences Lena Point facility in Juneau (final $6.8 million in non-state funding received in FY08). Additional funding is still required for the UAF Biosciences Research and Teaching Facility in Fairbanks (FY09 request $66 million, FY10 request $47 million).

- Prior to FY07, an average of $7 million in state capital funding was appropriated for maintaining existing facilities, thus elevating UA's deferred maintenance need from $200 million in 2000 to over $700 million as of August 2007. In FY07, the Board requested, as its highest capital budget priority, $98 million for maintaining existing facilities and equipment. The legislature appropriated $49 million toward those priorities.

- State funding for UA's capital project priorities averaged $39.7 million annually in the nine year period 2000 to 2008. Since 2000, UA has received $357.5 million of state capital funding; nearly one-third of that total was received in FY07.

- The current six year capital plan totals $1.6 billion. The UA FY09 Capital Budget Request totaled $398.8 million, with $306.4 million requested from state funding and $92.4 million from receipt authority. Of the $306.4 million request, $120 million was requested for maintaining existing UA facilities and equipment.

Guiding Principles

- Project requests addressing Renewal, Replacement, Deferred Renewal, and Code Corrections for existing University facilities will be the highest priority for funding in the FY10 capital request and the six year capital plan.

- New facility project requests included in UA's current six-year capital plan for which partial funding has been appropriated, will be the second highest priority.

- Consistent with the Board of Regents' strategic plan and the MAU's academic and research plan, key strategies will include:
    - Preparing Alaskans for the state's high demand jobs
    - Enhancing competitive research and taking advantage of UA's position in the International Polar Year and benefits of research as an industry in Alaska
    - Enhancing student success and college readiness with an emphasis on increasing student enrollment

- Project requests to be fully funded through university-generated revenue (UA Revenue Bonds or Partnership Funding) will be categorized separately from project requests requiring partial or full State funding.

- The FY10-FY15 capital plan total cost will reflect the actual amounts of total project needs based on the best available project budget information at the time of the request.

- Project requests requiring university-generated revenue must be accompanied by an appropriate business plan, which includes review of the debt payment impact on the operating unit, the MAU, and on UA's operating budget.

- Facilities used primarily for instructional and administrative activities that have limited revenue generating capacity should be contingent upon State funding. Facilities used primarily for sponsored research or auxiliary enterprises that have moderate to significant revenue generating capacity must evaluate a funding plan that includes university-generated funding.

General Development Process

- The capital budget will be developed in accordance with the timeframe set forth in the budget development calendar.

- Each MAU will submit its capital request bifurcated between main and community campuses and will rank the projects from the highest to lowest in terms of MAU priority.

- Submitted projects will be reviewed, scored and ranked system-wide by appropriate councils including the Facility Council, Business Council, System-wide Academic Council and Information Technology Council. Sufficient time will be allocated in the process to allow for appropriate input from the chancellors.

- Based on this input the President will submit a draft of the six-year plan—including details of any changes to the current plan—to the Board of Regents for review at the September meeting.

- Code and ADA projects will be requested only for the current year.
    - Each MAU will submit projects in this category.
    - Projects will be bifurcated between main and community campuses.
    - In addition to the review for all projects, SW Risk Management will provide input on the urgency of each project in this category.

- All projects proposed for the FY10 budget request will have obtained the requisite project approval in accordance with Board of Regents' Policy P05.12.

Capital Project Categories

Projects will be presented in draft form to the Board of Regents using these categories:

- Code and ADA

- Essential Renewal and Replacement of Academic (including technical) Equipment and Administrative (communications) Equipment

- Renewal and Renovation (includes deferred renewal)

- New Construction

- Land, Property and Facilities Acquisition

New construction projects for the present year will be scored and ranked. The final draft will be presented to the administration for approval in the thematic approach.

Capital Project Scoring Criteria

In addition to the specific category criteria below, projects demonstrating responsiveness to programs and services directed at the following goals will be given priority consideration:

- Preparing Alaskans for the state's high demand jobs
- Enhancing competitive research and taking advantage of UA's position in the International Polar Year and benefits of research as an industry in Alaska
- Enhancing student success and college readiness

- Code and ADA will address the following criteria without scoring:

- Code and ADA requirements
- Impact on students, programs, faculty, and staff
- Impact on meeting accepted performance goals
- Impact on accountability and sustainability efforts
- Impact on existing and planned space utilization
- MAU/Campus priority
- Reduction of legal liability; general improvement of well being; consequences of not proceeding with the project

- Renewal and Renovation will address the following criteria without scoring:
  - Impact on students, programs, faculty, and staff
  - Impact on meeting accepted performance goals
  - Impact on accountability and sustainability efforts
  - Impact on existing and planned space utilization
  - MAU/Campus priority
  - Developed plan/project readiness/ability to execute
  - Demonstrates responsiveness to UA Strategic Plan 2009 and state needs
  - Potential for non-state funding
  - Actual non-state funding in hand

- New Construction will address the following criteria with scoring:
  - Impact on students, programs, faculty, and staff
  - Impact on meeting accepted performance goals
  - Impact on accountability and sustainability efforts
  - Impact on existing and planned space utilization
  - MAU/Campus priority
  - Developed plan/project readiness/ability to execute
  - Responsiveness to UA Strategic Plan 2009 and state needs
  - Potential for non-state funding
  - Actual non-state funding in hand

- Academic and Administrative Equipment
  - Impact on students, programs, faculty, and staff
  - Impact on meeting accepted performance goals
  - Impact on accountability and sustainability efforts

- Land, Property and Facilities Acquisition
  - Conformance with the UA Strategic Plan 2009, Campus Master Plan and campus land acquisition plan
  - Likelihood of adverse development/redevelopment by another party versus time horizon before campus use

Criteria Descriptions

- Addresses Code and ADA requirements
  - Does this project correct immediate code or ADA requirements issues? Those projects that address code issues will rate higher than those that do not.
  - The extent to which a project addresses health and code issues for students, faculty, staff and the general public.

- Impact on students, programs, faculty, and staff
  - To what extent does the project enhance the students' educational experience and how many students will be served by the technology/service/new facility? A project that a large number of students will benefit from will rate higher than a project that benefits few students.
  - To what degree does the project enhance the ability to deliver programs and how many programs will be served by the technology/ service/new facility? A project impacting several programs will rate higher on this criteria than a project benefiting few programs. Programs may be instructional, research, outreach or administrative in nature.
  - To what extent will the project enhance the faculty/staff career/employment experience and strengthen the ability to recruit and retain faculty and staff?
  - To what extent does it strengthen research competitiveness?
  - To what extent will this project align with community and student demographic trends?

- Impact on meeting accepted performance goals
  - To what extent will the project enhance the MAU's ability to meet its accepted performance goals?
  - Which performance measures does this project impact?

- Impact on accountability and sustainability efforts
  - To what extent will the project enhance the MAU's efforts toward efficiency and cost savings?

- Impact on existing and planned space utilization
  - To what extent will the project enable the MAU to maximize its existing space?
  - What is the MAU existing space utilization?
  - Has an analysis of space utilization determined that this project is the best solution to meet the space needs?

- MAU/Campus priority
  - To what extent does the project meet the priority goals and objectives of the MAU academic/service plan? A project high on the MAU (campus) list will rate higher on this criteria than a project lower on the campus priority.

- Developed plan/ project readiness/ability to execute
  - What stage of the planning process is the project currently in (i.e. an identified project concept/vision/idea, project scope has been developed, the schema is developed, the project is bid ready)? A bid ready project will rate higher than a project in the idea stage. Additionally, added weight will be given to projects, which clearly demonstrate all operating cost and potential sources of funding for these costs.

- Demonstrates responsiveness to UA Strategic Plan 2009 and state needs
  - The extent to which the project supports the delivery of programs in strategic initiative areas and objectives outlined in the UA Strategic Plan 2009. Projects that support identified goals addressed in academic initiatives, strategic plans or other goal setting processes will rate higher than projects that do not.

- Potential for non-state funding
  - What are the potential NGF funding sources (both construction and operating costs)?
  - What level of participation is expected?
  - What is the current commitment of partners?

- Strategic plan, campus master plan and campus land acquisition plan conformance
  - What is the necessity of the project within the framework of appropriate MAU and system goals and objectives as articulated in the UA Strategic Plan 2009 and MAU planning documents?

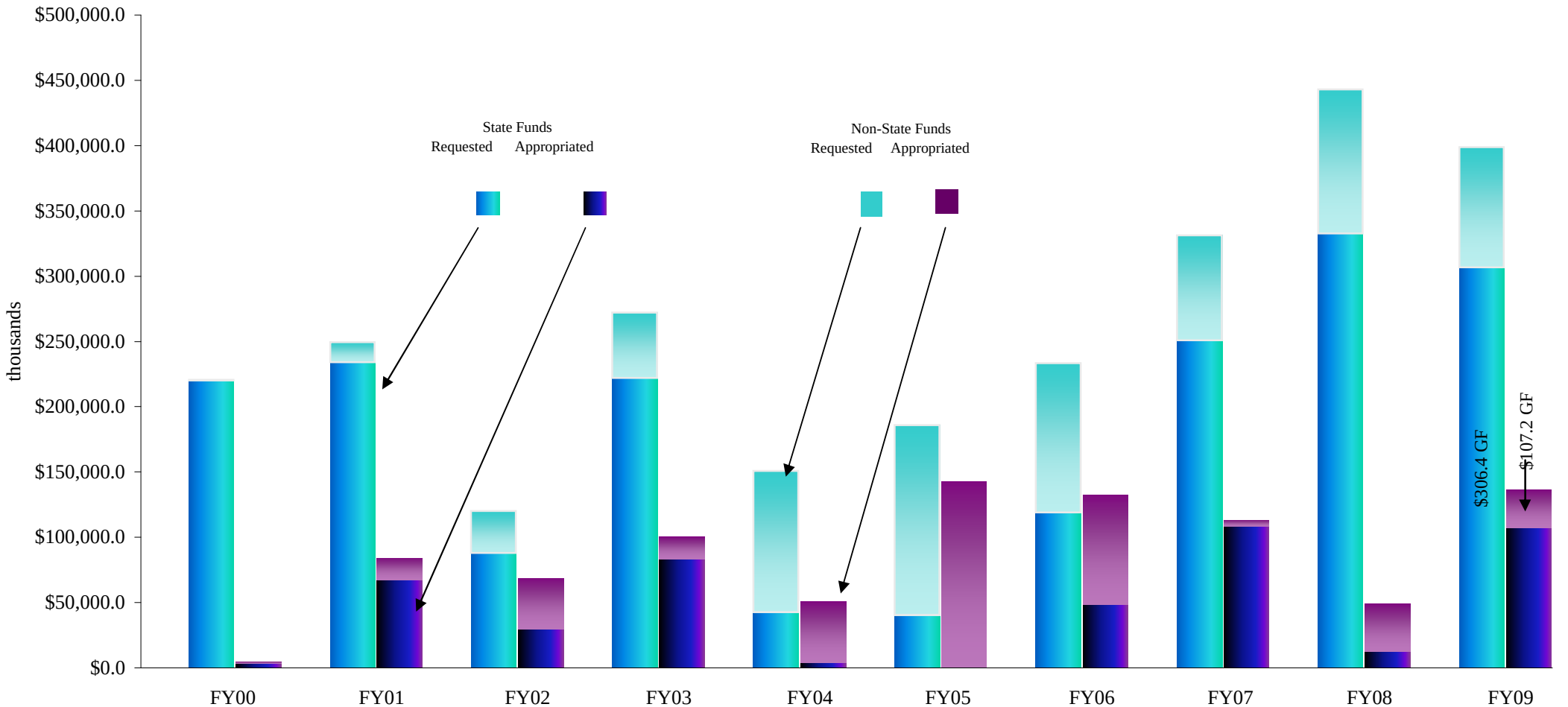
- Likelihood of adverse development/redevelopment by another party versus time horizon before campus use
  - What is the possibility that this acquisition will not be available if not included in the current six-year capital plan or one year capital budget request?

References

University of Alaska
Community Campus Facility Overview
Student FTE and Population Growth
FY00-FY08

Campus	Location	Gross Square Footage	Leased Space	Average Age (Years)	State Approp. FY00-FY08	% of State Appr.	Student FTE Enrollment Fall 1999	Fall 2006	gsf/student 2006	State Approp. /student 2006	Population by City 2000	2006	% Change from 2000	Population by Region 2000	2006	% Change from 2000
Kenai Peninsula College	Soldotna	95,373	3,221	24.8	8,012.5	14.7%	449.8	553.9	178.0	14,466.0	3,722	3,807	2.3%			
Kenai Peninsula College - Kachemak Bay Branch	Homer	43,360	10,011	10.5	6,465.0	11.9%	84.1	107.4	497.0	60,204.9	3,954	5,454	37.9%			
	KPC	138,733	13,232	17.6	14,477.5	26.6%	533.9	661.3	229.8	21,893.6	7,676	9,261	20.6%	49,691	51,350	3.3%
Kodiak College	Kodiak	44,981		30.8	1,530.0	2.8%	147.7	151.5	296.9	10,099.0	6,104	5,937	-2.7%	13,913	13,506	-2.9%
Matanuska-Susitna College	Palmer	103,169	2,353	22.3	2,940.3	5.4%	594.9	688.2	153.3	4,272.4	4,578	5,574	21.8%	59,322	77,174	30.1%
Prince William Sound Community College	Valdez	55,445	17,184	12.0	6,019.3	11.0%	273.6	297.3	244.3	20,246.6	4,052	3,690	-8.9%	10,195	9,755	-4.3%
	UAA	342,328	32,769		24,967.1	45.8%	1,550.1	1,798.3	208.6	13,884.0	22,410	24,462	9.2%	133,121	151,785	14.0%
Bristol Bay Campus	Dillingham	10,523	3,514	26.0	3,329.0	6.1%	95.0	96.5	145.5	34,497.4	2,478	2,397	-3.3%	4,922	4,796	-2.6%
Chukchi Campus	Kotzebue	7,723		31.0	580.0	1.1%	47.6	62.4	123.8	9,294.9	3,082	3,104	0.7%	7,208	7,334	1.7%
Interior-Aleutians Campus	Various	21,666	1,900	24.5	240.0	0.4%	109.5	135.8	173.5	1,767.3	2,040	1,943	-4.8%	12,684	12,632	-0.4%
Kuskokwim Campus	Bethel	51,680		23.3	4,254.1	7.8%	89.6	113.1	456.9	37,613.4	5,471	5,812	6.2%	16,046	17,031	6.1%
Northwest Campus	Nome	20,854		26.9	190.0	0.3%	82.5	51.9	401.8	3,660.9	3,536	3,540	0.1%	9,196	9,535	3.7%
Rural College	Various						169.1	594.9								
Tanana Valley Campus	Fairbanks	193,229	8,119	38.5	14,000.0	25.7%	880.3	1,055.8	190.7	13,260.1	30,224	30,552	1.1%	82,840	87,849	6.0%
	UAF	305,675	13,533		22,593.1	41.5%	1,473.6	2,110.4	151.3	10,705.6	46,831	47,348	1.1%	132,896	139,177	4.7%
Ketchikan Campus	Ketchikan	47,850		31.3	5,960.0	10.9%	162.5	164.3	291.2	36,275.1	7,922	7,662	-3.3%	14,059	13,174	-6.3%
Sitka Campus	Sitka	74,425		65.0	970.0	1.8%	294.3	234.6	317.2	4,134.7	8,835	8,833	0.0%	8,835	8,833	0.0%
	UAS	122,275			6,930.0	12.7%	456.8	398.9	306.5	17,372.8	16,757	16,495	-1.6%	22,894	22,007	-3.9%
Community Campuses Total		770,278	46,302		54,490.2	100.0%	3,480.5	4,307.6	189.6	12,649.9	85,998.0	88,305.0	2.7%			
		11.5%			15.2%		23.7%	24.6%	47.6%	62.1%	18.7%	18.0%				
Main Campuses and Statewide																
Anchorage		1,957,168	39,586	25.5	177,179.7	58.5%	7,091.5	8,795.4	227.0	20,144.6	259,391	282,813	9.0%			
Fairbanks		3,397,336	63,731	35.5	101,209.5	33.4%	3,078.5	3,243.8	1,067.0	31,200.9	83,773	87,849	4.9%			
Juneau		435,023	266	23.8	20,683.6	6.8%	1,039.0	1,194.7	364.4	17,312.8	30,189	30,650	1.5%			
Statewide		159,683	5,674	22.3	3,941.0	1.3%										
Main Campuses and Statewide Total		5,949,210	109,257		303,013.8	100.0%	11,209.0	13,233.9	457.8	22,896.8	373,353.0	401,312.0	7.5%			
		88.5%			84.8%		76.3%	75.4%	115.0%	112.3%	81.3%	82.0%				
UA Total		6,719,488	264,816		357,504.0		14,690	17,541.5	398.2	20,380.5	459,351.0	489,617.0	6.6%			

University of Alaska
Capital Request and Appropriation Summary
FY00-FY09



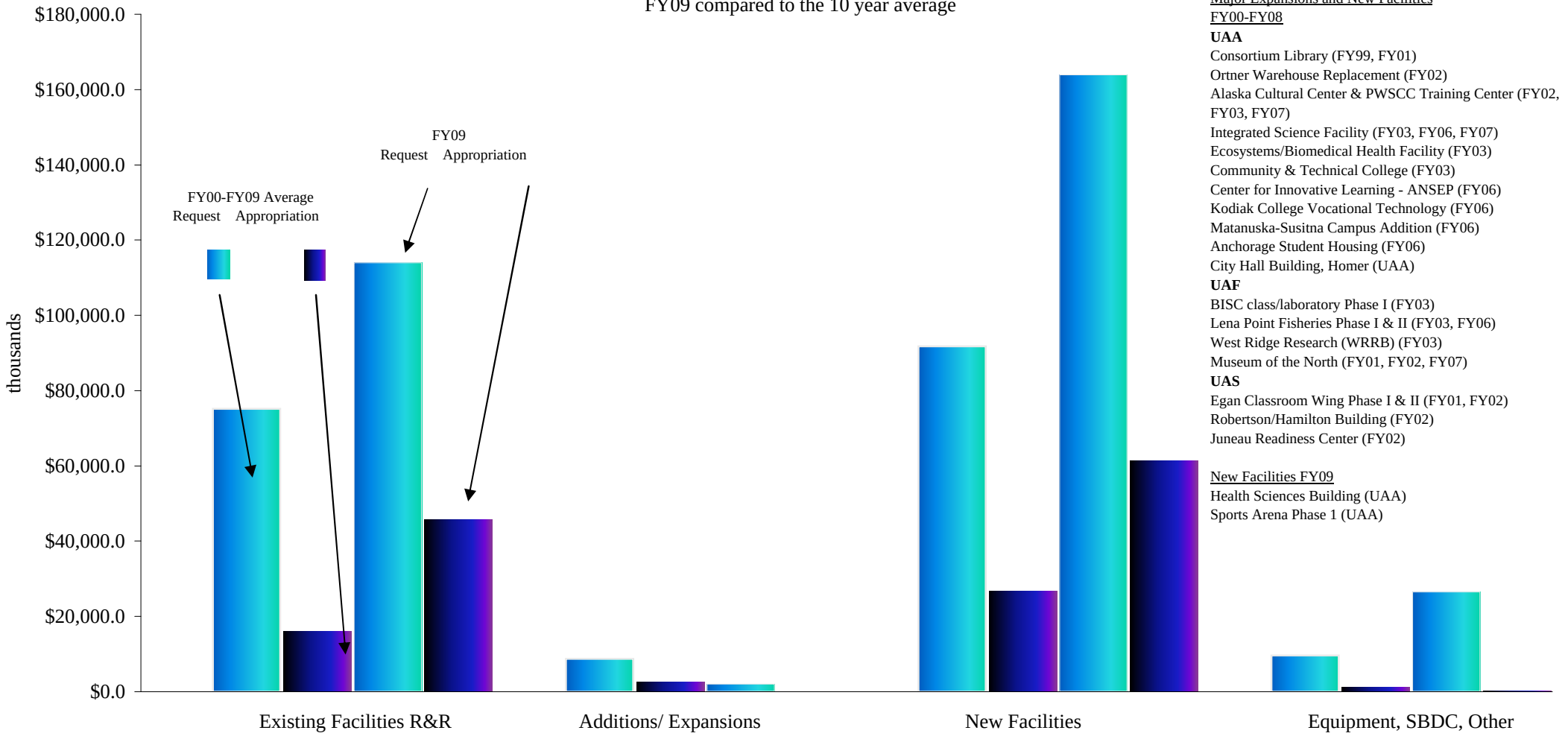
* State funds include: AHFC Bonds, General Obligation Bonds, Tobacco Settlement Bonds and Alaska Capital Income Funds

University of Alaska
Capital Budget Request vs. State Appropriation
FY00 - FY09
(thousands)

Request	Code, ADA, R&R	Additions/ Expansions	New Facilities	Equipment	SBDC, Other	Total
FY00	162,030.6	7,182.2	42,680.0	7,500.0	450.0	219,842.8
FY01	128,515.1	24,522.6	72,414.3	7,500.0	900.0	233,852.0
FY02	26,372.1	18,342.7	37,261.2	5,272.3	450.0	87,698.3
FY03	36,917.1	14,000.0	162,685.0	7,658.1	565.0	221,825.2
FY04	14,007.0	3,400.0	19,515.5	4,141.5	1,405.0	42,469.0
FY05	10,055.0		26,550.0	3,111.3	550.0	40,266.3
FY06	40,753.5	2,600.0	70,536.0	4,403.4	550.0	118,842.9
FY07	87,520.0	9,650.0	135,983.0	16,721.9	550.0	250,424.9
FY08	131,016.0	6,395.0	186,500.0	7,874.7	550.0	332,335.7
FY09	114,000.0	2,000.0	163,870.0	26,000.0	550.0	306,420.0
Total	**751,186.4**	**88,092.5**	**917,995.0**	**90,183.2**	**6,520.0**	**1,853,977.1**
10 yr. Avg.	**75,118.6**	**8,809.3**	**91,799.5**	**9,018.3**	**652.0**	**185,397.7**

Appropriation						
FY00		3,000.0			450.0	3,450.0
FY01	22,288.0	5,000.0	39,500.0	400.0	450.0	67,638.0
FY02	14,136.5	9,425.0	3,429.0	2,225.0	450.0	29,665.5
FY03	9,490.0	5,094.0	66,620.0	1,650.0	500.0	83,354.0
FY04	3,641.5				450.0	4,091.5
FY05					450.0	450.0
FY06	8,100.0	1,950.0	35,700.0	1,750.0	550.0	48,050.0
FY07	48,725.0	1,500.0	57,000.0		715.0	107,940.0
FY08	8,475.0		3,750.0		640.0	12,865.0
FY09	45,822.6		61,300.0		125.0	107,247.6
Total	**160,678.6**	**25,969.0**	**267,299.0**	**6,025.0**	**4,780.0**	**464,751.6**
10 yr. Avg.	**16,067.9**	**2,596.9**	**26,729.9**	**602.5**	**478.0**	**46,475.2**

University of Alaska
Average Capital Request by Category compared to Average Appropriation
State Funds
FY09 compared to the 10 year average



Major Expansions and New Facilities
FY00-FY08

UAA
Consortium Library (FY99, FY01)
Ortner Warehouse Replacement (FY02)
Alaska Cultural Center & PWSCC Training Center (FY02, FY03, FY07)
Integrated Science Facility (FY03, FY06, FY07)
Ecosystems/Biomedical Health Facility (FY03)
Community & Technical College (FY03)
Center for Innovative Learning - ANSEP (FY06)
Kodiak College Vocational Technology (FY06)
Matanuska-Susitna Campus Addition (FY06)
Anchorage Student Housing (FY06)
City Hall Building, Homer (UAA)

UAF
BISC class/laboratory Phase I (FY03)
Lena Point Fisheries Phase I & II (FY03, FY06)
West Ridge Research (WRRB) (FY03)
Museum of the North (FY01, FY02, FY07)

UAS
Egan Classroom Wing Phase I & II (FY01, FY02)
Robertson/Hamilton Building (FY02)
Juneau Readiness Center (FY02)

New Facilities FY09
Health Sciences Building (UAA)
Sports Arena Phase 1 (UAA)

University of Alaska
State Appropriation Summary by Category
FY00-FY09
(thousands)

	Location	Code/ADA, R&R		Additions/ Expansions		New Facilities		Equipment	SBDC, Other		Total	
Anchorage Campus	Anchorage	40,745.2	25.4%			199,650.0	74.7%	640.0	4,400.0	46.6%	245,435.3	52.8%
Kenai Peninsula College	Soldotna	4,436.9		850.0		3,000.0		27.5			8,314.4	
Kenai Peninsula College - Kachemak Bay Branch	Homer	222.3		3,750.0		2,500.0			215.0		6,687.3	
Kodiak College	Kodiak	1,481.9	6.4%		17.7%	350.0	4.3%			2.8%	1,831.9	5.8%
Matanuska-Susitna College	Palmer	2,139.7				1,004.0		55.3			3,199.0	
Prince William Sound Community College	Valdez	2,007.6				4,700.0					6,707.6	
	UAA	51,033.8	31.8%	4,600.0	17.7%	211,204.0	79.0%	722.8	4,615.0	49.4%	272,175.6	58.6%
Fairbanks Campus	Fairbanks	63,686.8		9,500.0		23,500.0		1,020.1	75.0		97,781.9	
Fairbanks Campus	Juneau		39.6%		36.6%	19,000.0	15.9%			10.1%	19,000.0	25.1%
Fairbanks Campus	Palmer											
Fairbanks Campus	Seward											
Tanana Valley Campus	Fairbanks	13,000.0	8.1%	8,000.0							21,000.0	4.5%
Fairbanks Campus (CES)	Kenai								90.0		90.0	
Bristol Bay Campus	Dillingham			3,329.0							3,329.0	
Chukchi Campus	Kotzebue	580.0									580.0	
Interior-Aleutians Campus	Fairbanks	240.0	5.5%		12.8%					0.8%	240.0	2.6%
Interior-Aleutians Campus	Fort Yukon											
Interior-Aleutians Campus	Tok											
Kuskokwim Campus	Bethel	4,254.1									4,254.1	
Northwest Campus	Nome	3,690.0									3,690.0	
	UAF	85,450.9	53.2%	20,829.0	80.2%	42,500.0	15.9%	1,020.1	165.0	11.0%	149,965.0	32.3%
Southeast Campus	Juneau	16,947.5	10.5%			13,595.0	5.1%	341.1		3.2%	30,883.6	6.6%
Ketchikan Campus	Ketchikan	6,316.4	4.2%		2.1%						6,316.4	1.6%
Sitka Campus	Sitka	430.0		540.0							970.0	
	UAS	23,693.9	14.7%	540.0	2.1%	13,595.0	5.1%	341.1		3.2%	38,170.0	8.2%
Statewide		500.0	0.3%					3,941.0		36.5%	4,441.0	1.0%
Systemwide												
	SW	500.0	0.3%					3,941.0		36.5%	4,441.0	1.0%
	Grand Total	160,678.6	100%	25,969.0	100%	267,299.0	100%	6,025.0	4,780.0	100%	464,751.6	100%
		34.6%		5.6%		57.5%		2.3%				

UNIVERSITY of ALASKA

Many Traditions One Alaska

Preliminary Performance Results, FY08

Draft Fiscal Plan Scenarios

Board of Regents
September 18-19, 2008
Anchorage, Alaska

Prepared by Statewide Planning & Budget
450-8180

University of Alaska
Preliminary Performance Results, FY08, and
Draft Fiscal Plan Scenarios for Discussion
September 2008

This document provides an overview of key performance measures through FY13, including the FY09 distribution impact, the FY10 budget request impact, and a discussion of FY08 performance. These performance targets and goals are provided in the context of a draft "Long Range Fiscal Plan". The long-range fiscal plan is required by law[1] for the first time this session, and the Governor's Office of Management and Budget (OMB) is requiring that each department submit estimates of existing program costs and the costs of any expected new initiatives for the succeeding ten fiscal years. Two draft scenarios are provided for discussion: a program growth scenario and a program maintenance scenario. These two scenarios provide a high level look at expected performance over the next ten years in context of revenue and expenditure projections. UA administration is taking this opportunity to get Board of Regents' input on the scenarios and key assumptions associated with them, prior to providing a draft response to OMB by September 23, 2008. Further discussion will occur at the October 31st Board meeting after MAU performance analyses are complete and reviewed as part of the Fall Financial and Performance reviews.

UA's performance-based budgeting (PBB) is a mechanism to recognize resource alignment with key strategic goals and is a major influence in the budget process. This system has been incrementally integrated into UA's budget process since inception in FY04 and is a driving factor in the operating and capital request recommendations. Seven performance measures are currently tied to performance funding, including: high demand job area program awards, student retention, student credit hour enrollment, grant-funded research expenditures, university generated revenue, strategic enrollment management planning and academic program outcomes assessment. Each MAU will begin reporting on the new non-credit instructional activity measure in FY09.

As part of the annual budget request cycle, each MAU submits an in-depth assessment of recent performance, in light of mission, strategies, and established expectations. In addition, each MAU proposes and/or updates targets and goals for the upcoming five year period. The president and each chancellor agree on appropriate targets and goals for each MAU. Throughout the year MAUs monitor the impact of implemented strategies and operating condition changes on performance and adjust strategies as needed to meet, or understand differences from, targets and goals. MAU performance reports, due September 26, 2008, will provide updated information prior to the October 31, 2008 meeting. Past performance assessments are available online at: http://www.alaska.edu/swbudget/pbb/

In FY09, each MAU will determine the distribution of its FY09 performance funding pool in support of performance-related strategies. One percent of general funds is the expected funding pool size, although annual circumstances will dictate the amount chosen by the MAU for internal reallocation. These performance funds are allocated to appropriate strategic investments and reported as part of the overall performance and accountability process.

An overview of performance goals through FY13 is provided in Table 1 (p. 2), followed by a brief discussion of recent performance on each measure (p. 4). Note that targets and goals were set under the assumption of full funding of the proposed FY09 operating and capital budget requests, with the anticipated impact of actual FY09 funding noted. The two draft fiscal scenarios are presented in context of revenue, expenditure and performance goals, starting with the program growth scenario on p. 8 and the program maintenance scenario on p. 10.

[1] House Bill 125, enacted as ch. 86 SLA 2008, requires the governor to submit a fiscal plan to the legislature, in conjunction with the budget request, providing estimates of significant sources and uses of funds for the succeeding 10 fiscal years.

Table 1. University of Alaska
Performance Measures, FY05-FY13

Note: The FY09 - FY13 targets and goals listed here were developed with the assumption of full funding for UA's FY09 operating and capital budget requests. Targets and goals identified with gray shaded cells likely need adjustment in light of actual FY08 performance and FY09 funding levels. Each MAU will submit updated targets and goals through FY14 on September 26, 2008.

High Demand Job Graduates	FY05 Actuals	FY06 Actuals	FY07 Actuals	FY08 Actuals	FY08 Targets	FY09 Targets	FY10 Goals	FY11 Goals	FY12 Goals	FY13 Goals	Average Annual % Change, FY09 - FY13
UAA	1,268	1,358	1,555	1,535	1,575	1,646	1,728	1,815	1,905	2,001	5.4%
UAF	640	727	741	731	745	775	810	850	885	920	4.7%
UAS	182	198	205	259	245	265	278	289	301	312	3.8%
Health	*644*	*676*	*717*	*749*	*753*	*790*	*830*	*872*	*915*	*961*	5.1%
Baccalaureate Engineering	*72*	*89*	*78*	*84*	*100*	*110*	*120*	*150*	*200*	*225*	22.2%
High Demand Job Graduates	**2,088**	**2,247**	**2,501**	**2,525**	**2,565**	**2,686**	**2,816**	**2,954**	**3,091**	**3,233**	**5.1%**
Percent Change from Prior Year	**4.1%**	**7.6%**	**11.3%**	**1.0%**	**2.6%**	**6.4%**	**4.8%**	**4.9%**	**4.6%**	**4.6%**	

Note: To provide comparable trend data, historical totals are adjusted to reflect the current listing of HDJA programs, last updated August 2008.

FTFT Undergraduate Retention	FY05 Actuals	FY06 Actuals	FY07 Actuals	FY08 Actuals	FY08 Targets	FY09 Targets	FY10 Goals	FY11 Goals	FY12 Goals	FY13 Goals	Average Annual % Change, FY09 - FY13
UAA	65.3%	64.4%	67.6%	66.7%	67.0%	68.0%	68.0%	68.0%	68.0%	68.0%	0.4%
UAF	65.4%	63.4%	65.7%	63.9%	67.0%	66.0%	67.0%	68.0%	69.0%	70.0%	1.8%
UAS	64.0%	66.0%	57.5%	51.8%	67.0%	53.0%	55.0%	57.0%	59.0%	61.0%	3.3%
Baccalaureate	*71.7%*	*69.7%*	73.0%	*71.6%*	*74.0%*	*73.3%*	*74.4%*	*75.6%*	*76.7%*	*77.8%*	1.7%
Baccalaureate Scholars	*82.4%*	*79.2%*	79.6%	*83.0%*	*81.0%*	*80.0%*	*81.2%*	*82.4%*	*83.6%*	*84.8%*	0.5%
Retention	**65.1%**	**64.0%**	**66.1%**	**64.6%**	**68.0%**	**66.4%**	**66.9%**	**67.3%**	**67.8%**	**68.3%**	**1.1%**
Percent Change from Prior Year	**1.2%**	**-1.7%**	**3.3%**	**-2.3%**	**2.9%**	**2.8%**	**0.7%**	**0.7%**	**0.7%**	**0.7%**	

SCH Attempted (Thousands)	FY05 Actuals	FY06 Actuals	FY07 Actuals	FY08 Actuals	FY08 Targets	FY09 Targets	FY10 Goals	FY11 Goals	FY12 Goals	FY13 Goals	Average Annual % Change, FY09 - FY13
UAA	331	336	339	340	341	344	347	349	352	354	0.8%
UAF	172	169	171	172	172	175	178	181	183	186	1.6%
UAS	54	52	49	47	49	50	51	52	53	54	2.8%
SCH Attempted	**556**	**558**	**559**	**559**	**562**	**569**	**576**	**582**	**588**	**594**	**1.2%**
Percent Change from Prior Year	**-0.6%**	**0.3%**	**0.2%**	**0.0%**	**0.5%**	**1.8%**	**1.2%**	**1.0%**	**1.0%**	**1.0%**	
FY10 Request Funding Impact - Expected Value						**565**	**570**	**576**	**582**	**588**	**1.0%**

Note: Figures include year-long courses.

Table 1. University of Alaska
Performance Measures, FY05-FY13
Continued

Note: The FY09 - FY13 targets and goals listed here were developed with the assumption of full funding for UA's FY09 operating and capital budget requests. Targets and goals identified with shaded cells likely need adjustment in light of actual FY08 performance and FY09 funding levels. Each MAU will submit updated targets and goals through FY14 on September 26, 2008.

Research Expenditures (Million $)	FY05 Actuals	FY06 Actuals	FY07 Actuals	*FY08 Estimates*	FY08 Targets	FY09 Targets	FY10 Goals	FY11 Goals	FY12 Goals	FY13 Goals	Average Annual % Change, FY09 - FY13
UAA	11.3	13.7	10.3	*8.8*	12.2	12.5	12.9	13.3	13.7	14.1	2.9%
UAF	110.7	114.1	112.9	*107.8*	117.0	121.0	126.0	132.0	145.0	160.0	6.5%
UAS	0.6	0.8	1.2	*2.1*	1.0	1.0	1.0	1.0	1.0	1.0	0.0%
Research Expenditures	**122.6**	**128.6**	**124.4**	***118.7***	**130.2**	**134.5**	**139.9**	**146.3**	**159.7**	**175.1**	**6.1%**
Percent Change from Prior Year	**6.1%**	**4.9%**	**-3.3%**	***-4.6%***	**4.7%**	**13.3%**	**4.0%**	**4.6%**	**9.2%**	**9.6%**	
FY09 Distribution and FY10 Request Funding Impact - Expected Value						**118.7**	**124.6**	**130.9**	**137.4**	**145.7**	**4.2%**

Note: FY08 estimates are actual year-to-date numbers as of August 19th, 2008.

University Generated Revenue (Million $)	FY05 Actuals	FY06 Actuals	FY07 Actuals	*FY08 Estimates*	FY08 Targets	FY09 Targets	FY10 Goals	FY11 Goals	FY12 Goals	FY13 Goals	Average Annual % Change, FY09 - FY13
UAA	108	118	122	*127*	128	135	141	148	156	164	5.1%
UAF	194	204	210	*213*	218	226	235	244	254	264	3.9%
UAS	18	20	19	*20*	19	21	22	23	24	26	6.5%
SW	17	22	28	*19*	22	23	23	24	24	24	1.8%
University Generated Revenue	**337**	**364**	**379**	***379***	**387**	**405**	**421**	**439**	**458**	**478**	**4.3%**
Percent Change from Prior Year	**6.2%**	**7.9%**	**4.2%**	***0.0%***	**2.1%**	**6.7%**	**4.1%**	**4.2%**	**4.4%**	**4.4%**	
FY09 Distribution and FY10 Request Funding Impact - Expected Value						**394**	**422**	**446**	**473**	**504**	**5.9%**

Note: FY08 estimates are actual year-to-date numbers as of August 19th, 2008.

Performance Measure Highlights

A discussion of FY08 performance in context of the FY09 funding distribution and the anticipated FY10 increment request impact follows for each performance measure. For a discussion of historical activity for each measure, see the Performance section (p. 49) of the FY09 Redbook, available online at: http://www.alaska.edu/swbudget/redbook/redbook/documents/FY09RedBookFullDocumentFinal.pdf

High Demand Job Area Program Awards

In FY08, UA awarded 2,525 degrees, certificates, and occupational endorsements in academic programs qualifying recipients to work in high demand occupations, nearly meeting the FY08 target of 2,565 awards, and representing a 21 percent increase (440 more awards annually) over the last three years.

The university must average a five percent annual increase from FY09 to FY13 in the number of High Demand Job Area (HDJA) program awards to achieve the goal of more than 3,200 awards in FY13. Although growth on this measure is expected to remain strong, the FY13 goal represents a relatively slower growth rate than in recent years, as some new programs are reaching capacity. Enrollments in HDJA programs are increasing, with an overall 11 percent increase from FY03 to FY08; however, it will be necessary to continue focusing resources to achieve this level of performance growth. Major contributors to this expected growth are engineering, construction, and health programs.

Funding Impact: In FY09, the state invested in the high demand program areas of Health ($2.3m GF), Engineering ($2.2m GF), and Fisheries ($1.0m GF), funding all but $300.0 of the BOR request in this area. Other unfunded requests in the area of student success ($1.6 million) would have indirectly supported planned growth on this measure by improving recruitment and degree completion. In FY09, the state also funded the $46 million UAA Health Sciences building, providing space for students pursuing degrees in nursing and health sciences fields, as well as program faculty and staff.

In FY10, there are high demand job area program requests for Engineering ($1.6m GF), Health academic programs ($2.3m GF), and other workforce programs ($1.2m GF), which would allow UA to increase enrollments and graduates in HDJA program areas. In FY10 there is also a K-12 Outreach program request ($2.6m GF) geared at increasing the preparation of incoming students and the successful completion of educational goals, providing support for future growth in this measure.

Student Credit Hours

The University of Alaska delivered 559,000 student credit hours (SCH) in FY08, about the same level as in FY07, and about 3,000 SCH less than the FY08 target. From FY03-FY08, SCH grew five percent (26,000).

Significant, steady enrollment gains, averaging one percent per year, will have to be made in order to meet future targets and goals for this performance measure at the system level. This growth rate is achievable with continued state investment in program growth as well as fixed cost needs.

Funding Impact: The FY09 state program investments in Health, Engineering and Fisheries ($5.5m GF total) and in meeting student demand ($400.0 GF) support future growth in student credit hours.

The FY10 increment request for K-12 Outreach Programs ($2.6m GF) will improve the preparation of incoming students as well as helping students identify and successfully complete educational goals. Funding for this increment may also improve the rate at which recent high school graduates go on to

post-secondary education. Alaska has one of the lowest "college going" rates in the nation for recent high school graduates, which could be partially addressed through this increment by increasing the number of young adults who successfully transition from high school to college. The anticipated impact of these strategies is an increase in SCH as students take additional courses to meet their educational goals. In addition, the increment requests for Engineering, Health academic programs, and other workforce programs ($5.1m GF total) will also support the planned growth in student credit hours.

Undergraduate Retention

In FY08, UA achieved an overall undergraduate retention rate of 64.6 percent, falling below the FY07 performance level by 1.5 percentage points and the FY08 target of 68 percent. The final FY09 retention rate, i.e. the percent of full-time, first-time freshmen enrolled in associate, certificate, and baccalaureate programs in fall 2007 who return to UA in fall 2008, will be available mid-October.

Retention rates can vary from year to year; for example, UA undergraduate retention rates dropped to 64.1 percent in FY06 from 65.4 percent in FY05 only to climb to an all time high in FY07. Therefore, UA is optimistic about attaining its undergraduate retention goals from FY09 to FY13. To achieve the FY13 retention goal of more than 68 percent, UA must increase the retention rate by an average 0.5 points per year.

Funding Impact: In FY09, the BOR requested funding in support of Student Success initiatives; however this request was not funded by the state.

In FY10, there are two increment requests, K-12 Outreach ($2.6m GF) and the student achievement portion ($790.0 GF) of Workforce and Campus Programs. The student achievement increment request will help students succeed with increased investment in proven strategies such as learning communities and freshman seminars. The K-12 Outreach request addresses the preparation and success of incoming students. These increments are anticipated to result in retention rate increases over time.

Grant Funded Research Expenditures

Final FY08 performance on this measure is not yet available and will be presented at the October 31st meeting. Current figures indicate UA's grant funded research expenditures will total $119 million in FY08. This is a decrease of about $5m from the FY07 performance level, and is $11m less than the FY08 target of $130 million.

To achieve the current FY13 research goal of $175.1 million, UA must increase grant-funded research expenditures by an average annual rate of six percent from FY09 - FY13. However this goal level was set based on the assumption of FY09 operating funding for energy transportation, climate and health research, as well as capital funding for the UAF BIOS facility. Since FY99, UA has doubled its research activity without adding any additional research space; further growth in research and indirect cost recovery is unlikely without additional space to conduct the activity.

Funding Impact: The FY09 operating budget request for Research ($3.5m GF) was not funded by the state. In the FY09 capital request, UA's highest priority new facility, the UAF BiosSciences facility Phase 1 of 2 for $66m, was not funded. This facility has been identified by the BOR as one of the highest capital priorities since FY02. It is important to note that, every year since FY03, the BOR has consistently requested capital funding for the UAF BIOS facility as well as significant operating investments in this area. Not receiving funding for this facility has constrained UA's ability to attract

external research funding in addition to causing UA's indirect cost recovery rate to decrease, resulting in performance decreases on the measure.

For FY10, the operating program requests that will most directly impact grant funded research expenditures include: Energy and Cooperative Extension Service ($1.4m GF), Climate ($825.0 GF), and Health Programs – BioMed Capacity ($1.2m GF). The FY10 capital request that will most directly impact this measure, beyond the $50 million needed in R&R, is the UAF Life Science Innovation and Learning Facilities ($61.6m GF, $41m NGF), an alternate approach to meeting the needs of the BIOS facility. Also important is the request for receipt authority of $45m in general funds for the UAF Alaska Regional Research Vessel.

University Generated Funds

Final FY08 performance on this measure is not yet available and will be presented at the October 31st meeting. Current estimates indicate university generated revenue (UGR) in FY08 will remain even with the FY07 performance level of $379 million. The FY08 target for this performance measure was an increase of $8 million (2.1%) over the FY07 level. An in-depth analysis of the contributing revenue sources for this performance measure will be presented at the October meeting. Of all revenue sources, Federal receipts make up the largest proportion of UGR, and a significant factor in competing for federal funds is the availability of research facilities and state matching funds.

Funding Impact: The FY09 operating increment request for Research Investment ($3.5m GF), had it been funded, would have positively impacted this measure. In FY09, the BOR capital request for UAF BiosSciences phase 1 of 2 ($66m) was not funded. Not receiving research facility funding decreases UGR in two ways: first, federal receipts is the main contributor to UGR and a lack of state investment in facilities makes it hard to attract new research; second, another large contributor to UGR is indirect cost recovery (ICR), which is meant to cover sponsored program administration costs and is based on an ICR rate. The ICR rate is heavily impacted by facility investments and has declined the last two times it was reviewed in FY04 and FY08. If facility investments are not made in FY10 the ICR rate will likely decline again when reviewed in FY11.

The FY09 state program investments in Health, Engineering and Fisheries ($5.5m GF total) as well as the investment in meeting student demand ($400.0 GF) support future growth in student credit hours (SCH). Growing SCH translates to increased student tuition and fee revenue, which is the second largest portion of UGR.

In the FY10 capital request, beyond the $50 million needed in R&R, the items that will most directly impact UGR include the BIOS alternate approach, the UAF Life Science Innovation and Learning Facilities ($61.6m GF, $41m NGF); and the UAF Alaska Regional Research Vessel ($45 million in Federal Receipt authority). These facilities will improve UA's ability to attract Federal receipts and improve the indirect cost recovery rate which will be set again in FY11.

The UAA Sports Arena should also positively impact this measure as athletic revenue is a part of UGR and with a larger facility more revenue is anticipated.

Strategic Enrollment Management Planning

This measure has been reported since FY06 with the Phase II[2] definition taking effect in FY07. Phase II requires formal unit plan evaluations by MAU administration and reports the number of academic colleges, schools, and community campuses having and responding to an effective strategic enrollment management planning process, relative to the total number of academic colleges, schools and community campuses.

Final FY08 performance will be reported by each MAU in September 2008, and will be presented at the October 31st meeting.

Academic Program Outcomes Assessment

This process measure was reported for the first time by each MAU in the FY06 PBB reports. In Phase I, this metric measures the proportion of programs conducting outcomes assessment and responding according to MAU guidelines. At a minimum, participating programs identify desirable student learning outcomes and have a plan to regularly measure their attainment. In Phase II, the definition of this metric will transition to a measure focused on a combination of continued assessment and successful response to outcomes assessment findings. At the request of MAU leadership, Phase II of the Academic Program Outcomes Assessment performance measure[3] will be used starting in FY08. This second phase marks a change in metric definition, now incorporating an MAU-level assessment of whether each program is successfully responding to the outcomes assessment findings.

Final FY08 performance will be reported by each MAU in September 2008, and will be presented at the October 31st meeting.

[2] See http://www.alaska.edu/swbudget/pbb/1CurrentMetrics/StrategicEnrollmentManagementPlanning.pdf for more details.

[3] See http://www.alaska.edu/swbudget/pbb/1CurrentMetrics/AcademicProgramOutcomeAssessment.pdf for more details.

Fiscal Plan
Draft Program Growth Scenario

Significant Assumptions for Revenue, Expenditure, and Performance Goals
FY09 – FY19

Performance Goals:

(1) High Demand Job Area Graduates will reach nearly 3,300 annually by FY14, providing an additional 600 trained workers each year beyond the FY09 level of about 2,700 graduates. This is equivalent to an average annual increase of 4.5 percent from FY09 – FY14. From FY14 – FY19, the rate of growth is expected to moderate to an average 3.5 percent annually, reaching a level of nearly 4,000 graduates by FY19. This is equivalent to an additional 1,300 trained workers each year beyond the FY09 level.

(2) Student Credit Hours will grow by almost 30,000 from FY09 – FY14, an average annual increase of 1 percent per year. This growth rate is expected to moderate to 0.5 percent average annual growth from FY14 – FY19, yielding 609,000 student credit hours annually by FY19. This is equivalent to 44,000 more student credit hours delivered than in FY09.

(3) Grant Funded Research Expenditures will grow by about $15m, averaging less than 0.5 percent growth each year from FY09 to FY14. From FY14 through FY19, stronger growth is expected, averaging more than six percent annually. By FY19 grant funded research expenditures will have grown to more than $210m annually, up $92m from the FY09 level.

Revenue Assumptions:

(1) State appropriations sufficient to cover unavoidable fixed cost increases; as well as provide modest program growth and investment in research.

(2) Receipt Authority increases are affected by the level of state appropriations.

(3) Student Tuition/Fees increase by the tuition rate increase plus increased enrollment for a total of 6% in FY09, 7% in FY10 and 6% per year FY11 and beyond.

(4) Auxiliary Receipts increases sufficient to cover costs at between 4-4.5% per year FY09-FY12, then due to new housing with ramped up utilization it increases by $5m in FY13 then 6% FY14 and FY15, then goes back to the steady 4% per year increase thereafter.

(5) Federal Receipts and ICR stays flat in FY09 due to a lack of state investment in research facilities in FY09; with state investment in research equal to that in the FY10 operating and capital requests and continued into the future it is anticipated that both of these areas would start to rebound, increasing by 5% per year FY10-FY12, and a 6% increase in FY13; then with the coming online of new research facilities these revenue sources would increases by 7% per year in FY14 and FY15 and thereafter increase steadily at 6% per year.

(6) State Inter-Agency Receipts increase by 6% in FY09, 7% in FY10 and 6% in FY11 and FY12 as partnerships are fully utilized, then steadily increases by 3% per year thereafter.

(7) Interest income is anticipated to climb to $3.4 million in FY09 which is a 35% increase from FY08, and then steadily grow by 1% per year thereafter.

(8) CIP Receipts is anticipated to increase by 12% in FY09 due to state capital R&R and facilities in FY09, with further state capital investments CIP receipts would grow 20% in FY10, 15% in FY11, and 10% in FY12 then capital projects should reach a steady state and increase by 3% per year FY13 and beyond.

(9) The multi-appropriation structure artificially inflated UA Intra-Agency Receipts in FY09 due to an increase in RSAs for transfers; FY10 and beyond assumes the university's return to a single appropriation structure.

Expenditure Assumptions:

(1) Primary areas of growth are instruction, physical plant and research.

(2) The instruction increase is due to investments in high demand job area programs.

(3) Research growth is due to state operating and capital investments in research, which will result in increases in Federal research funding.

(4) Physical plant increases are due to a continued commitment to maintenance and repair and increased costs associated with new facilities.

Table 2. University of Alaska
Draft Program Growth Scenario Summary
FY05, FY09, FY14 and FY19

Revenue by Source (million $)	FY05 Actuals	FY09 Projections	FY14 Projections	FY19 Projections	Projected Average Annual % Change FY05-FY09	FY09-FY14	FY14-FY19
State Appropriations*	231.1	313.1	465.5	681.4	7.9%	8.3%	7.9%
Receipt Authority	365.6	438.5	584.4	771.8	4.6%	5.9%	5.7%
Total Revenue	**596.7**	**751.6**	**1,049.8**	**1,453.3**	**5.9%**	**6.9%**	**6.7%**
Expenditures by NCHEMS Category (million $)							
Instruction and Student Related	249.4	335.3	504.8	753.2	7.7%	8.5%	8.3%
Infrastructure	148.8	194.8	257.2	324.3	7.0%	5.7%	4.7%
Public Service	29.3	38.1	46.8	56.9	6.7%	4.2%	4.0%
Research	131.3	137.5	180.6	243.9	1.2%	5.6%	6.2%
Auxiliary Services	37.9	45.9	60.4	74.9	4.9%	5.7%	4.4%
Total Expenditures	**596.7**	**751.5**	**1,049.8**	**1,453.3**	**5.9%**	**6.9%**	**6.7%**
Excess Authority	68.5	86.5	80.0	80.0	6.0%	-1.6%	0.0%
Budget	665.2	838.1	1,129.8	1,533.3	5.9%	6.2%	6.3%
Performance Results							
High Demand Job Graduate	2,088.0	2,686.0	3,346.2	3,974.2	6.5%	4.5%	3.5%
SCH Attempted (thousands)	556.0	565.0	594.0	609.0	0.4%	1.0%	0.5%
Research Expenditures (million $)	122.6	118.7	155.9	210.5	-0.8%	5.6%	6.2%

Note: State Appropriations for and Expenditures against one-time funds were not included.

Fiscal Plan
Draft Program Maintenance Scenario

Significant Assumptions for Revenue, Expenditure, and Performance Goals
FY09 – FY19

Performance Goals:

(1) High Demand Job Area Graduates will reach nearly 3,300 annually by FY14, providing an additional 600 trained workers each year beyond the FY09 level of about 2,700 graduates. No significant growth is anticipated between FY14 and FY19 in this scenario.

(2) Student Credit Hours will grow by almost 30,000 from FY09 – FY14, an average annual increase of 1 percent per year. This level will be maintained through FY19,

(3) Grant Funded Research Expenditures will grow by about $15m, averaging less than 0.5 percent growth each year from FY09 to FY14, remaining steady at this level through FY19.

Revenue Assumptions:

(1) State appropriations sufficient to only cover unavoidable fixed cost increases, which is a program maintenance level of state funding.

(2) State funding of R&R at the $50 million per year maintenance level. (2) Receipt Authority increases are affected by the level of state appropriations.

(3) Student Tuition/Fees increase by the tuition rate increase amount of 5% per year FY09 and beyond.

(4) Auxiliary Receipts increases sufficient to cover costs at between 4-4.5% per year.

(5) Federal Receipts stays flat in FY09 due to a lack of state operating and capital investment in research, then it steadily increases by 2.4% per year FY10 and beyond.

(6) ICR follows the same increase pattern as federal receipts except for the years when the ICR rate is reevaluated where ICR increases at a lower rate because the ICR rate is decreased due to a lack of investment in facilities.

(7) State Inter-Agency Receipts increases by 6% in FY09 due to increases in state department partnerships, then steadily increases by 3% per year thereafter.

(8) Interest income is anticipated to climb to around $3.4 million from the FY08 level in FY09 which is a 35% increase, then steadily growing by about 1% per year thereafter.

(9) CIP Receipts is anticipated to increase by 12% in FY09 due to state capital investments in FY09, CIP receipts would level out at a 3% per year increase as projects are completed and R&R is the only continued state capital investment anticipated in this scenario.

(10) The multi-appropriation structure artificially inflated UA Intra-Agency Receipts growth in FY09 due to an increase in RSAs for transfers; FY10 and beyond assumes the university's return to a single appropriation structure.

Expenditure Assumptions:

(1) Expenditures continue to be driven by personnel services with other categories, such as travel, following relative to the number of people.

(2) Travel is and will continue to be a cost, but many things have been done to minimize the growth of this expense including increased use of video, audio and web conferencing and most recently a freeze on administrative travel, but this is an inevitable.

Table 3. University of Alaska
Draft Program Maintenance Scenario Summary
FY05, FY09, FY14 and FY19

Revenue by Source (million $)	FY05 Actuals	FY09 Projections	FY14 Projections	FY19 Projections	Projected Average Annual % Change FY05-FY09	FY09-FY14	FY14-FY19
State Appropriations*	231.1	313.1	387.7	471.3	7.9%	4.4%	4.0%
Receipt Authority	365.6	438.5	530.9	645.2	4.6%	3.9%	4.0%
Total Revenue	**596.7**	**751.6**	**918.6**	**1,116.5**	**5.9%**	**4.1%**	**4.0%**
Expenditures by NCHEMS Category (million $)							
Instruction and Student Related	249.4	335.3	422.6	527.0	7.7%	4.7%	4.5%
Infrastructure	148.8	194.8	238.8	290.5	7.0%	4.2%	4.0%
Public Service	29.3	38.1	46.3	56.4	6.7%	4.0%	4.0%
Research	131.3	137.5	154.8	174.3	1.2%	2.4%	2.4%
Auxiliary Services	37.9	45.9	56.1	68.2	4.9%	4.1%	4.0%
Total Expenditures	**596.7**	**751.5**	**918.6**	**1,116.5**	**5.9%**	**4.1%**	**4.0%**
Excess Authority	68.5	86.5	86.5	86.5	6.0%	0.0%	0.0%
Budget	665.2	838.1	1,005.2	1,203.0	5.9%	3.7%	3.7%
Performance Results							
High Demand Job Graduate	2,088.0	2,686.0	3,298.0	3,398.0	6.5%	4.2%	0.6%
SCH Attempted (thousands)	556.0	565.0	594.0	594.0	0.4%	1.0%	0.0%
Research Expenditures (million $)	122.6	118.7	133.6	150.5	-0.8%	2.4%	2.4%

Note: State Appropriations for and Expenditures against one-time funds were not included.