

# Operating Budget

## Request Summary & Narrative



August 2012



## UAF FY14 Operating Request Package

### Fixed Cost & Program Enhancement Summary

August 2012

<b>FY14 FIXED COST INCREASES</b>	<b>State Appropriation</b>	<b>Receipt Authority</b>	<b>Total</b>
<b>Personal Services Fixed Costs Increases</b>	<b>\$ 3,260.0</b>	<b>\$ 3,260.0</b>	<b>\$ 6,520.0</b>
<b>Non-Personal Services Fixed Costs Increases</b>	<b>\$ 2,115.0</b>	<b>\$ 2,945.0</b>	<b>\$ 5,060.0</b>
General Fixed Cost Increases	-	1,700.0	1,700.0
Athletics Transition from CCHA to WCHA	130.0	60.0	190.0
Library Electronic Subscriptions	200.0	-	200.0
Teacher and Research Assistants Health Insurance (Est.)	165.0	165.0	330.0
Custodial Contract	400.0	300.0	700.0
Facilities Maintenance and Repair (Est.)	1,220.0	720.0	1,940.0
<b>Utility Cost Increases (Est.)</b>	<b>\$ 2,000.0</b>	<b>\$ 700.0</b>	<b>\$ 2,700.0</b>
<b>New Facility Debt, Lease, Operating, &amp; Maintenance Costs</b>	<b>\$ 2,690.6</b>	<b>\$ 2,117.4</b>	<b>\$ 4,808.0</b>
Life Sciences Debt Service	-	1,520	1,520
Bristol Bay Applied Science Center (NAPA Bldg.) (Est.)	65.0	-	65.0
CTC Parking Garage	90.0	65.0	155.0
Process Technology Program Lease & Facility Operations	275.0	-	275.0
CTC Hangar Facility	130.0	-	130.0
Life Sciences Operating/M&R SubTotal	2,130.6	532.4	2,663.0
<i>Life Sciences Operating Utilities Costs</i>	<i>545.6</i>	<i>136.4</i>	<i>682.0</i>
<i>Life Sciences Operating/M&amp;R &amp; Other Costs</i>	<i>1,585.0</i>	<i>396.0</i>	<i>1,981.0</i>
<b>Subtotal Estimated Fixed Cost Increases</b>	<b>\$ 10,065.6</b>	<b>\$ 9,022.4</b>	<b>\$ 19,088.0</b>
<b>Other New Development Estimated Lease Costs</b>	<b>\$ 2,000.0</b>	<b>\$ 4,000.0</b>	<b>\$ 6,000.0</b>
P3 Development SubTotal	2,000.0	4,000.0	6,000.0
<i>P3 Dining Facility - Phase I Lease</i>	-	<i>1,500.0</i>	<i>1,500.0</i>
<i>P3 Housing Facility - Phase 2 Lease (Est.)</i>	<i>2,000.0</i>	<i>2,500.0</i>	<i>4,500.0</i>
<b>Total Estimated Fixed Cost Increases</b>	<b>\$ 12,065.6</b>	<b>\$ 13,022.4</b>	<b>\$ 25,088.0</b>

<b>UAF PRIORITY PROGRAM ENHANCEMENT</b>			<b>State Appropriation</b>	<b>Receipt Authority</b>	<b>Total</b>
<b>Student Achievement &amp; Attainment</b>			<b>\$ 1,266.0</b>	<b>\$ 69.0</b>	<b>\$ 1,335.0</b>
	Nursing Faculty Member at Bristol Bay	1	\$ 55.0	\$ 55.0	\$ 110.0
	Boosting Student Success & Degree Completion	3	336.0	14.0	350.0
	STEM Capacity & Student Success in General Chemistry	4	200.0	-	200.0
	E-Learning Instructional Design & Equipment	8	300.0	-	300.0
	PhD Psychology Faculty	11	300.0	-	300.0
	Alternative Dispute Resolution	19	75.0	-	75.0
<b>Productive Partnerships with Schools</b>			<b>\$ 200.0</b>	<b>\$ 243.0</b>	<b>\$ 443.0</b>
	Veterinary Medicine	5	\$ 200.0	\$ 243.0	\$ 443.0
<b>Productive Partnerships with Alaska's Public and Private Industries</b>			<b>\$ 335.0</b>	<b>\$ 120.0</b>	<b>\$ 455.0</b>
	Workforce Development in Construction Trades & Tribal Management	9	\$ 140.0	\$ 90.0	\$ 230.0
	Accounting Professor with Controllershship Emphasis	16	195.0	30.0	225.0
<b>Research &amp; Development to help sustain Alaska's Economic Growth</b>			<b>\$ 2,190.0</b>	<b>\$ 1,040.0</b>	<b>\$ 3,230.0</b>
	Intellectual Property for Business Development	2	\$ 210.0	\$ 50.0	\$ 260.0
	Sikuliaq - UAF Committed Ship Time	6	\$ 500.0	\$ -	\$ 500.0
	High Performance Computing	7	\$ 500.0	\$ 250.0	\$ 750.0
	Life Sciences Informatics	10	\$ 240.0	\$ 400.0	\$ 640.0
	Mineral Resources Research Laboratory	12	\$ 300.0	\$ 300.0	\$ 600.0
	GI Space Physics Data Portal	14	\$ 180.0	\$ -	\$ 180.0
	Polar Studies Initiative	15	\$ 180.0	\$ -	\$ 180.0
	Archaeology Curator	20	\$ 80.0	\$ 40.0	\$ 120.0
	Fisheries Science Marine Industry Project	21	TBD	TBD	TBD
<b>Accountability to the People of Alaska</b>			<b>\$ 550.0</b>	<b>\$ 350.0</b>	<b>\$ 900.0</b>
	Improve Communications & Accountability	13	\$ 200.0	\$ 200.0	\$ 400.0
	UAF Development & Alumni Support	17	\$ 150.0	\$ 150.0	\$ 300.0
	UA Press	18	\$ 200.0	\$ -	\$ 200.0
<b>Priority Program Enhancement Total</b>			<b>\$ 4,541.0</b>	<b>\$ 1,822.0</b>	<b>\$ 6,363.0</b>
<b>Fixed Costs and Program Enhancement Grand Total</b>			<b>\$ 16,606.6</b>	<b>\$ 14,844.4</b>	<b>\$ 31,451.0</b>

## **UAF FY14 Operating Budget Request Narratives**

### **FIXED COST INCREASES**

#### **Personal Services Fixed Costs Increases**

(GF \$3,260.0, NGF \$3,260.0, Total \$6,520.0)

#### **Non-Personal Services Fixed Costs Increases**

(GF \$2,115.0, NGF \$2,945.0, Total \$5,060.0)

##### **General Fixed Cost Increases**

(NGF \$1,700.0)

Based on non-personnel services expenditures excluding utilities and facilities maintenance & repair. Increase is at the latest Anchorage consumer price index adjustment of 1.5%.

##### **Athletics Transition from CCHA to WCHA**

(GF \$130.0, NGF \$60.0, Total \$190.0)

Beginning in FY14, the UAF division I hockey team will begin competing in the Western Collegiate Hockey Association (WCHA) with other high-powered division I hockey programs, including Bowling Green State, Ferris State, Lake Superior State, and Northern Michigan. Under the new conference requirements and per the National Collegiate Athletic Association (NCAA), members of the new WCHA conference are expected to incur general cost increases.

##### **Rasmuson Library Electronic Subscriptions**

(GF \$200.0)

As Alaska's Premier Research University, desktop and remote access to the most current information resources and scientific knowledge is vital for our students, faculty, staff and researchers for exploration of subject matter and teaching in the classroom and the field. These resources directly impact instruction, grant funding, research and accreditation. Additionally, the UAF Libraries are responsible for the delivery of resources to the Kuskokwim, Nome and Kotzebue campuses and all e-learners. Without additional funding, reductions in subscriptions will be necessary.

##### **Teacher and Research Assistants Health Insurance (Estimate)**

(GF \$165.0, NGF \$165.0, Total \$330.0)

UAF expects the costs of the Teacher and Research Assistants health plan to increase by 48% for the academic year 2012-13. The additional costs are due to services, including preventative care, required under the "Affordable Care Act" which were not covered prior to the Act's passage.

##### **Custodial Contract**

(GF \$400.0, NGF \$300.0, Total \$700.0)

UAF will be rebidding for custodial services and anticipates a relative increase in the proposed costs for these services.

### **Facilities Maintenance and Repair (Estimate)**

(GF \$1,220.0, NGF \$720.0, Total \$1,940.0)

UAF's annual maintenance and repair is calculated at a minimum 1.5 percent of current building value. Each year the annual operating budget dedicated to facilities maintenance, often referred to as M&R, is increased to keep pace with the ever-increasing building maintenance need. This request covers that requirement.

### **Utility Cost Increases (Estimate)**

(GF \$2,000.0, NGF \$700.0, Total \$2,700.0)

This request covers the projected FY14 utility and fuel cost increases. This estimate will continue to be refined over the next month.

### **New Facility Debt, Lease, Operating, and Maintenance Costs**

(GF \$2690.6, NGF \$2,117.4, Total \$4808.0)

#### **Life Sciences Debt Service**

(NGF \$1,520.0)

The UAF Life Sciences building is scheduled to be completed and ready for occupancy in summer of 2013. Once completed, the Life Sciences Building will provide multiuse teaching and research labs, classrooms, and office space for research and academic purposes. The research portion will provide nearly 60,000 gross square feet of much-needed research lab space for biology programs. The teaching portion will provide 40,000 gross square feet of academic classroom and lab space for biology and wildlife degree programs. In 2010, Alaskans overwhelmingly approved passage of Proposition B, the statewide general obligation bond that included \$88 million for the Life Sciences building. UA also issued an additional \$20.6 million in bonds to construct the building for a total project cost of \$108.6 million. This receipt authority allows UA to service the bonds issued by the University.

#### **Bristol Bay Applied Science Center (NAPA Bldg.) Estimate**

(GF \$65.0)

Provides the funding necessary to meet the ongoing operating costs associated with the acquisition of the NAPA building to meet the programmatic needs of the Bristol Bay Applied Science Center.

#### **CTC Parking Garage Operating and Maintenance**

(GF \$90.0, NGF \$65.0, Total \$155.0)

Provides parking for the UAF Community and Technical College facility in downtown Fairbanks.

#### **Process Technology Program Lease and Facility Operations**

(GF \$275.0)

Technical and Vocational Education Program (TVEP) funding has been used to cover the lease costs associated with the Process Technology program facility lease. This request will allow TVEP funding to be applied to program priorities. This space is needed to meet

essential instructional and program needs for the Process Technology, Instrumentation, and Safety/Health/Environmental Awareness programs.

### **CTC Hangar Facility**

(GF \$130.0)

UAF purchased an aviation facility near the Fairbanks International Airport to better meet the needs of the UAF Community & Technical College Aviation program, which currently operates out of the Hutchison Career Center. By acquiring the new aviation facility, the CTC Aviation program will be able to move completely out of the Hutchison Center and into a facility closer to the airport and the Automotive Technology Center will be able to move out of existing off-campus leased space and into the Hutchison Career Center. This request, combined with recovering the current lease expense, will allow UAF to meet the annual operating and maintenance costs associated with the new aviation facility.

### **Life Sciences Operating Utilities Costs**

(GF \$545.6, NGF \$136.4, Total \$682.0)

Provides the funding necessary to meet the ongoing operating utility costs associated with the new Life Sciences Building.

### **Life Sciences Operating M&R & Other Costs**

(GF \$1,585.0, NGF \$396.0, Total \$1,981.0)

The Board of Regents mandated annual maintenance and repair is a minimum 1.5 percent of current building value. This request includes \$1,690.0 for M&R of the Life Sciences Building and the remaining \$291.0 for custodial, trash/grounds, insurance, and security/fire services. The general fund/non-general fund split is consistent with the state's intention under the terms of the GO Bond that financed the Life Sciences Building.

## **Other New Development Estimated Lease Costs**

(GF \$2,000.0, NGF \$4,000.0, Total \$6,000.0)

### **P3 Development – Dining Facility Phase I Lease**

(NGF \$1,500.0)

UAF has contracted with a private company to develop the new dining and residence hall facilities adjacent to the Wood Center Student Union. Construction of the dining facility, which will replace the aging Lola Tilly Commons, is slated to begin in March 2013. The 34,000 square foot dining facility would be an addition to the Wood Center and would include a ground-level coffee shop, a new marche-style dining area and remodeled student services offices. UAF will fund the lease payments with housing & dining receipts.

### **P3 Development – Housing Facility Phase 2 Lease**

(GF \$2,000.0, NGF \$2,500.0, Total \$4,500.0)

New residence halls would be built along Copper Lane, from the area across the street from the Moore-Bartlett-Skarland complex to the new dining facility. Plans are being finalized for 300 new beds in suite-style accommodations. The goal is to start construction on the new

residence halls in 2014. This general fund request combined with housing rents will fund the lease payment for the new dorms.

## **PRIORITY PROGRAM ENHANCEMENT AND GROWTH**

### ***Student Achievement & Attainment***

#### **Nursing Faculty at Bristol Bay**

(GF \$55.0, NGF \$55.0, total \$110.0)

There is presently a waiting list for the Bristol Bay Campus Nursing program. Significant investment is being made for additional clinical lab space to help insure quality instruction and a quality learning environment. Producing more nursing graduates will help meet employer needs and fill the increasing statewide demand for nurses, specifically nurses for rural Alaska.

#### **Boosting Student Success & Degree Completion**

(GF \$336.0, NGF \$14.0, Total \$350.0)

UAF CRCD campuses deliver place-based courses that allow students to receive training in or near their home community. "Gatekeeper" courses such as Developmental Mathematics and Developmental Science can be offered in a format that allows remedial students to complete their developmental work more quickly and move into a degree program. This project supports three student advisors to be housed at the Bristol Bay Campus, Kuskokwim Campus and the UAF Community & Technical College. A Research Specialist will also be supported to perform degree audits, so that student advisors can contact non-completing, degree-seeking students to encourage them to complete their degree.

#### **STEM Capacity & Student Success in General Chemistry**

(GF \$200.0)

Funding is requested to hire a full-time instructor to teach additional sections of general chemistry (CHEM 105x and F106x) and to create the "Chemistry Learning Center", which will assist students to do better in general chemistry. Introductory chemistry has become the "bottleneck" course for growing enrollments in engineering and life sciences. The additional instructor and two TA positions will provide for additional capacity in the class and labs, and provide more one-on-one mentoring to help students through these courses.

#### **E-Learning Instructional Design & Equipment**

(GF \$300.0)

UAF e-Learning and Distance Education is poised to increase offerings of courses and degree programs, but lacks sufficient staff to meet student demand, and requests an additional instructional designer and a student services manager. Additional support for training faculty, including those from rural campuses, in online instruction and technology is also needed. Additional investments in E-learning will increase both enrollment and degree completion.

## **PhD Psychology Faculty**

(GF \$ 300.0)

This request supports the UAF clinical training component of the UAA-UAF Joint Ph.D. program in Community-Clinical Psychology, as well as the undergraduate programs in psychology. Extensive, high-quality clinical training is essential for the Ph.D. program to retain specialized accreditation (American Psychological Association) and for graduates to become licensed for clinical practice.

## **Alternative Dispute Resolution**

(GF \$75.0)

The College of Liberal Arts - Justice Department has identified the increase knowledge and use of the Alternative Dispute Resolution (ADR) approach to dispute settlement as an opportunity within the UA system; within courts; in rural justice; and in business, agency and environmental-dispute resolution; and national and international settings. This project supports the expansion of ADR professional studies and research through engaging in a 5-year strategic planning process, developing faculty, expanding academic offerings, and increasing graduate and undergraduate research opportunities in the ADR arena.

## ***Productive Partnerships with Schools***

### **UAF Veterinary Program**

(GF \$200.0, NGF \$243.0, Total \$443.0)

Based on a 2010 statewide needs assessment, an internal review, and the FY13 state investment, the University of Alaska Fairbanks is starting a new Department of Veterinary Medicine within CNSM. This request is the portion of the priority program request not funded in FY13. The foundation of this new program will be an accredited “2+2 program” between UAF and the College of Veterinary Medicine and Biomedical Sciences, Colorado State University. Students will complete their pre-veterinary program (3-4 years) and the first 2 years of their professional program at UAF. Their final 2 years will be at the veterinary teaching hospital at CSU. This project will enhance veterinary coverage in Alaska by training veterinarians with an understanding of Alaskan needs. Specific interests include but are not limited to: public health, rural veterinary medicine, quality and safety of subsistence foods, population health of Alaskan wildlife, toxicology, environmental contaminants, emerging disease and the effects of global warming. With the establishment of this program, students will finally have an in-state option for getting accepted and attending veterinary school.

## ***Productive Partnerships with Alaska’s Public and Private Industries***

### **Workforce Development in Construction Trades & Tribal Management**

(GF \$140.0, NGF \$90.0, Total \$230.0)

The UAF Interior-Aleutians Campus is developing an alternative energy emphasis that includes diverse applications of technology. This project will provide 50% general fund support for one FTE faculty member in Construction Trades Technology that focuses on training and education in alternative energy technology and energy efficient building practices to students in rural communities. This request will also provide 50% general fund support for



one FTE faculty member in Tribal Management, furthering the development and delivery of credit and non-credit courses in natural resources, geographic information systems, and transportation within the Tribal Management program. The remaining 50% of both FTEs will be supported through non-general funds.

### **Accounting program enhancement with emphasis in Controllership**

(GF \$195.0, NGF \$30.0, Total \$225.0)

This request will support a new emphasis within the Accounting program at the UAF School of Management (SOM) to meet the substantial and currently unmet demand by small and medium size organizations, for chief accountants and controllers. The demand is forecasted to grow substantially over the next decade as existing accountants retire. The added faculty position will allow the SOM to support the additional Controllership track with five new courses, while retaining the current specialized accounting AACSB accreditation.

## ***Research & Development to help sustain Alaska's Economic Growth***

### **Commercialization of University Intellectual Property for Business Development**

(GF \$210.0, NGF \$50.0, Total \$260.0)

The Office of Intellectual Property and Commercialization works with University of Alaska Fairbanks employees to facilitate and protect UAF's innovative activities and bring the results to private business use through commercialization. The University of Alaska Fairbanks conducts approximately \$120M per year in research. Much of this research can lead to products, technologies, software codes, new plant varieties, and other intellectual property that, if licensed or sold to business, could provide competitive business advantage and create jobs. This investment would fund the commercialization effort, the critical step needed to translate University research to economic development.

### **Research Vessel Sikuliaq Shiptime**

(GF \$500.0)

Construction of the research vessel Sikuliaq is estimated to be completed in late 2012 and then undergo a series of trials before science operations begin in winter 2014. The Sikuliaq will allow researchers to collect sediment samples directly from the seafloor, host remotely operated vehicles, permit flexible use of science equipment, and conduct surveys throughout the water column and sea bottom. This request commits ship time for Alaska-specific research and outreach opportunities.

### **High Performance Computing for Research at UAF**

(GF \$500.0, NGF \$250.0, Total \$750.0)

This proposal is to secure funding support of University faculty and student research and instruction, including providing new services across all of UA. Research and instructional use of high performance computing, storage, and related services is crucial to obtaining external research funding and to generating graduates in high value job areas. More recently, it has become necessary for UA to develop and deploy a new set of cyberinfrastructure services, with the Arctic Research Supercomputing Center in a critical role for providing

large-scale infrastructure and know-how. Services including data management and data portals for the University, digital institutional repositories, and campus storage clouds will be used by a far larger proportion of the University community than previously. These will provide needed infrastructure for research and instruction, and also be important components of outreach, K-12 education, and decision support for broad State constituencies.

### **Life Sciences Informatics**

(GF \$240.0, NGF \$400.0, Total \$640.0)

Bioinformatics is the application of computer science and information technology to the fields of biology and medicine. Bioinformatics has become essential to research in the biomedical sciences by investigating how changes in gene structure and function (genomics) lead to evolution of species and susceptibility to disease in individuals. The purpose of this initiative is to create 3 new faculty positions at UAF who can perform cutting edge research in bioinformatics, collaborate with other faculty in genomic research, and train and educate undergraduate and graduate students.

### **Mineral Industry Resources Research Lab**

(GF \$300.0, NGF \$300.0, Total \$600.0)

Due to budget constraints, the Mineral Industry Research Laboratory's (MIRL) role in the state's mineral industry has diminished. The resurgence in mining in the state, especially in areas such as rare earth elements, has created a new opportunity for MIRL to serve the state in several ways such as 1) be a source of unbiased information on mineral projects, 2) help assess effectiveness of mine technologies proposed in permit documents, 3) develop engineering solutions for Alaskan challenges, 4) enhance the mine safety culture, and 5) offer training relevant to the mining industry.

### **Geophysical Institute Space Physics Data Portal**

(GF \$180.0)

The goal of this project is to establish web access to the large space physics data sets acquired in the course of research carried out at the Geophysical Institute. Providing visualization tools and access to the space physics data sets will enable students and faculty to better carry out their work and improve the ability to compete for research funds and develop marketable products. This project will also enhance outreach efforts to the Alaskan public by providing education about UAF auroral research.

### **Polar Studies Initiative**

(GF \$180.0)

The purpose of the Polar Security studies initiative is to bring science to the art of security planning, operations, and strategy and to quickly translate research findings into curriculum for professional training and student degree programs. It will focus on state and national interests in the arctic. The program will provide applied research that makes a direct contribution to the ability to operate in extreme environments for search and rescue, navigation, environmental protection, border security, natural resources development, and projection of force for counter-terror and military direct action. A hallmark of this endeavor

is the deliberate design to offer a rapid response of actionable technologies, procedures, and policies in exigent circumstances.

### **Archaeology Curator**

(GF \$80.0, NGF \$40.0, Total \$120.0)

The UA Museum houses the world's premier Arctic archaeology collection comprising one million archaeological objects that embody 14,000 years of Alaska Native heritage, representing a strong link to contemporary Alaska Native communities. Coupling this rich cultural heritage and research resource with university education through a joint appointment between the Museum and the Department of Anthropology fulfills several important university goals: growing graduate and undergraduate student education, training, and research emphasizing the North and its peoples; conducting and disseminating high-quality sponsored research; and strengthening the university's connections with Alaska communities.

### **Fisheries Science Marine Industry Project**

(Funding Request TBD)

No priorities have been set pending decision by FSMI working group.

## ***Accountability to the People of Alaska***

### **Improve Communications & Accountability**

(GF \$200.0, NGF \$200.0, Total \$400.0)

Resources are requested to communicate UAF's mission and accomplishments to the people of Alaska. Improved communication with Alaskans will position UAF to better recruit and retain Alaska's students, further develop public and private partnerships, and improve collaboration with schools throughout the state to foster student success.

### **UAF Development/Alumni Support for Increased Giving in Support of Student Success**

(GF \$150.0, NGF \$150.0, Total \$300.0)

Resources are sought to enhance UAF's ability to increase Alumni giving. Alumni are typically the biggest supporters of colleges and universities, both financially and as advocates for the benefits of education. University of Alaska Fairbanks alumni are both fewer and much younger on average than the alumni of most major universities, since over half of all UAF graduates completed their certificates or degrees after 1995. UAF has not yet had the opportunity to create the robust relationships with its alumni that help to sustain most other universities. This is an opportune time to build stronger connections to alumni as we celebrate UAF's centennial and to engage their help in strengthening the university for its next 100 years.

### **UA Press**

(GF \$200.0)

UA Press is the only book publisher operating in Alaska that focuses on scholarly and educational books and e-books. Publications cover an expanding range of subject areas,

including politics and history, Alaska Native languages and cultures, and science and natural history. Currently, revenue earned from the sale of 30,000 books per year is not sufficient to maintain the present rate of publication of approximately 20 books per year.