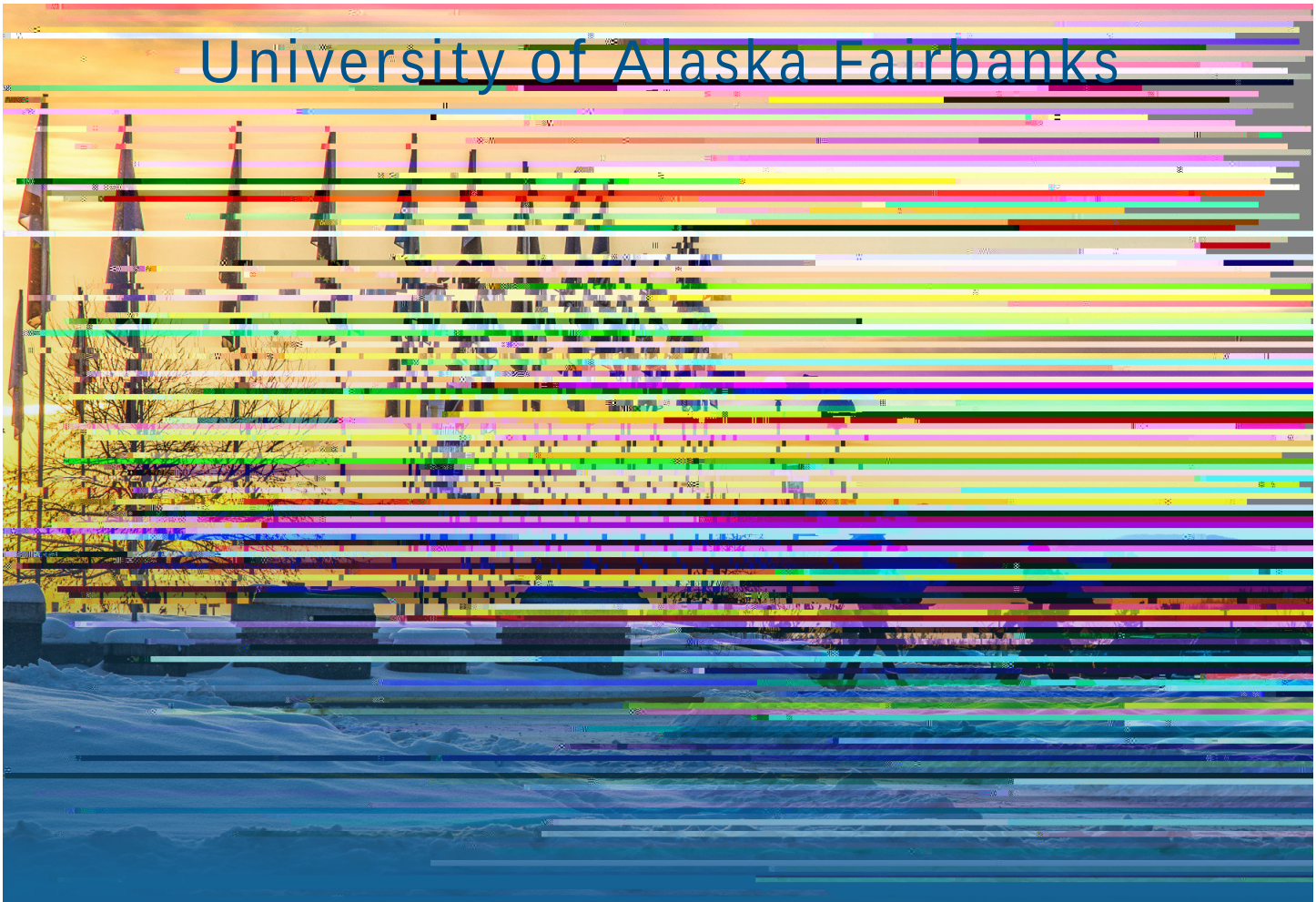
University of Alaska Fairbanks



UAF FY16 Capital Budget Request Narratives

RENEWAL & RENOVATION (R&R), CODE, ADA

(GF $32,500.0)

UAF's R&R request represents a proporti

the BiRD and Virology Buildings. This requires the completion of these unfinished spaces. Next on the list is consolidation of 24/7 operations so needed backup infrastructure can be efficiently provided for the National Weather Service, Alaska Satellite Facility, and Alaska Volcano Observatory.

ADA ComplianceCampus Wide: Elevators, Ramps & Restrooms

(GF $1,000.0)

The Campus Wide ADAGuidelines Compliance project is an on-going effort to bring older components of the UAF Fairbanks campus and associated community and research campuses into compliance with ADA guidelines. This project includes accessibility improvements such as renovations to restrooms, improvements to accessibility routes both inside and outside buildings, replacing drinking fountains, upgrading elevators and modifying stairwell handrails.

Elevator/Alarms Scheduled Upgrading & Replacement

(GF $500.0)

UAF Facilities Services manages the operation and maintenance of a fleet of more than 50 elevators and lifts with an average age of over 25 years. With the help of an audit in FY01, elevators and alarm systems were reviewed and prioritized for modernizatio n upgrades. Over time, a number of these items have been addressed and new items have been added. This request represents the latest installment of multi-year modernization plan s and will address ADA, code, and deferred maintenance improvements in an ide ntified group of campus elevator systems. Also included in this scope of work is routine and deferred maintenance on the many fire alarm systems in UAF facilities.

Fairbanks Campus Building Interior & Systems Renewal

(GF $500.0)

This project will focus o

Patty Center Revitalization

(GF $3,000.0)

Constructed in 1963 to replace an existing 40-year old gym, the Patty Center houses sports and recreational space for five NCAA Division II, and two NCAA Division I sports. This includes 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 50-year-old facility. The facility

existing sidewalks and pedestrian pathways, eliminating overly steep pathways, repairing ramps and impassable curbs, will complete discontinuous sidewalks, and where necessary, provide and upgrade lighting to ensure safe and sufficient circulation through campus. Repairs and improvements in the pedestrian, bike and ski trails will enhance pedestrian circulation within the campus, increase utilization of walkways, and provide better connections between buildings. Additional benefits of this project are that it will enhance the student experience on campus, promote pedestrian non-motorized travel and activities on campus and move the campus toward ADA compliance.

Student Services Renewal - Wood Center Student Union

(GF $2,000.0)

The Wood Center has the advantages of a central campus location, the draw of food service, and very high levels of pedestrian traffic. Despite these advantages, Wood Center does not function as a "campus center" that attracts students in the evenings or on weekends or whenever they have spare time during the day. While there are areas within the building that are "destinations" for students, including the Pub and the bowling alley, the building as a whole is not a draw for students, even those who live on campus. Renewal work in the Wood Center will include renovation of existing spaces to allocate room for the consolidation of programs serving UAF students and improve its functionality as a central location of student life on campus.

Kuskokwim Campus Facility Critical Deferred & Voc-Tech Renewal Phase 2

(GF $970.0)

Funding will allow for continued major renovations and code upgrades to over 50,000 square feet of campus space. Work generally includes new architectural finishes on the inside and outside of buildings, new electrical distribution, corrected plumbing systems, and installation of code compliant ventilation systems.

NEW CONSTRUCTION

Engineering Facility Completion

(GF $31,300.0, NGF $5,000.0, Total $36,300.0)

This request represents the final amount necessary to complete the UAF engineering facility. The UAF campus is the home of the College of Engineering and Mines (CEM) and ain2(n)-1(g a131.610es)10((h)1x(h)-9(e)-10(h)1(o)(n En3)-19io)12(n)i9(e C)-7(a-24.99 -1.1l>BDC)4())

funding will assist expansion to the entire state, enable the university to participate in building a true technology cluster around UAS in partnership with the state, the b orough and the military, and position Alaska once again as the leader in aviation technology.

Revitalizing Alaska Native Languages

optimize existing production of Alaska's hydrocarbon resources, onshore or offshore, for the maximum benefit of the people of Alaska. The program will focus on:

1. Encouraging exploration in under-developed areas,
2. Understanding the environmental, social, economic, and geotechnical issues surrounding the development of unconventional hydrocarbon resources such as shale oil and gas, and methane hydrates,
3. Extending the useful life of aging Alaska oil and gas production infrastructure or identifying replacement altern atives,
4. Conducting the science necessary to promote environmentally sound exploration and development practices in Alaska and in the circumpolar region; and
5. Developing technology solutions that address the challenges associated with the extraction of Alas ka's known oil resources (such as heavy oil production enabling technologies) and improving ultimate recovery from existing fields.

Energy & Remote Power Partnerships for Alaska's Future (ACEP)

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Scenario earthquakes and statewide earthquake tracking are the prerequisites for this initiative. The goal of the multi- agency program is for oil and gas, tourism , schools and communities to have “on the shelf” earthquake response plans.

Oil Spill Research Center of the Arctic (ORCA)

(GF $5,000.0, NGF $2,000.0, TotTc1t9l000.0,

Technological innovation is an important aspect of teaching and learning in t he 21st century. According to the International Journal on Integrating Technology in Education , today's students have spent their entire lives surrounded by digital technologies. Through

and faculty in areas such as fisheries, chemical oceanography, toxicology, environmental chemistry, food science, archaeology, and wildlife biology.

Technology Tools & Systems Integration in Support of Business Process Improvement

(GF $1,000.0)

In this challenging budget climate, UAF is focused on optimizing its current resources through process management and prioritization. Process improvement allows UAF to direct its resources to the mission-centric aspects of teaching, service, and research, and on value-added services rather than on highly manual and cumbersome administrative support tasks. Analysis of services and how they are provided becomes more important in this climate; this includes the emerging need to renew or integrate existing enterprise administrative systems and develop robust business practices. Major efforts are focused on streamlining grant award set-up, employee recruitment, procurement and travel processes. A comprehensive campus-wide employee training initiative is also taking shape in FY15. Assessing and integrating efficient business processes with enterprise systems is critical to optimizing student-centric, administrative and research processes. An assessment will include enterprise systems such as, but not limited to: the database of record for student/HR/finance systems, the recruitment system, records management and electronic routing/signature capability, travel expense management, and proposal/grant management systems, and will be expanded to examine other concepts such as employee training, tracking, and performance management systems that allow UAF to maximize its employee resources. The ability to enhance and optimize current and new technologies in a timely manner is critical. This funding will be used to bridge gaps between systems, better integrate technology tools and expand access to data in an effort to streamline workflows, improve reporting, and create efficiencies in business processes.