

**UAF Life Sciences Innovation and Learning Facility**

**FY2010 Request: \$20,625,000**

**Reference No: 43172**

**AP/AL:** Appropriation

**Project Type:** Construction

**Category:** University

**Location:** Fairbanks Areawide

**Contact:** Michelle Rizk

**House District:** Fairbanks Areawide (HD 7-11)

**Contact Phone:** (907)450-8180

**Estimated Project Dates:** 07/01/2009 - 06/30/2014

**Brief Summary and Statement of Need:**

The Life Sciences Innovation and Learning Facility will feature modern academic space for more than 600 biology and wildlife degree seeking students, and more than 1,200 students who take biology courses each year. Life sciences includes research in infectious diseases, virology, microbiology, toxicology, cellular mechanisms of disease, food safety, and physiology; and academic programs such as biological sciences, biology, botany, wildlife biology, wildlife management, zoology, biological chemistry, and molecular biology. Ground breaking will begin in the summer of 2009 and the building will open in the summer of 2013.

<b>Funding:</b>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
Gen Fund		\$82,195,000					\$82,195,000
Univ Rcpt	\$20,625,000						\$20,625,000
<b>Total:</b>	<b>\$20,625,000</b>	<b>\$82,195,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$102,820,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	2,567,667	0
One-Time Startup:	0	
<b>Totals:</b>	<b>2,567,667</b>	<b>0</b>

**Additional Information / Prior Funding History:**

No prior funding has been received for this project.

**Project Description/Justification:**

There are nearly 600 undergraduate and graduate students enrolled in UAF's biology and wildlife programs, making it one of the largest degree programs in the entire UA system. Students are not being served when they are taught in antiquated biology libraries and the state is not being served without the proper space to conduct biological research in areas of vital importance to Alaskans. Facilities for life science programs have not been modernized since the Bunnell building was built in 1959 and these facilities do not meet current needs. Since 2001, UAF has requested funding to meet these needs. Most recently, the BioSciences (BIOS) Facility was proposed as the solution to the demands of the programs. Recognizing the urgency, UAF has scaled down its request and will internally reallocate funds to assist in making this project a reality.

The Life Sciences Innovation and Learning Facility will feature modern academic space for more than 600 biology and wildlife degree seeking students, and more than 1,200 students who take biology

courses each year. Research space will feature a series of labs for as many as 12 lead researchers who will also employ seven to 10 scientists each.

The UAF Life Sciences Innovation and Learning Facility is urgently needed for students and Alaska's premier life science research program. Alaska is located in a unique setting that enhances the abilities of teaching and research. The location of UAF allows for life science programs that are unlike those of any other campus in the United States. The climate, animals, and indigenous peoples provide key elements of a worldwide effort to discover new solutions to new and old problems. Life sciences includes research in infectious diseases, virology, microbiology, toxicology, cellular mechanisms of disease, food safety, and physiology; and academic programs such as biological sciences, biology, botany, wildlife biology, wildlife management, zoology, biological chemistry, and molecular biology. Life sciences trains biologists for several state and federal agencies, undertakes studies necessary for oil, gas, and mineral development, and conducts research that is changing wildlife, forests, tundra, and waters as the climate changes. By constructing life science components in the interior of Alaska, the distinctive science intensive space will create a center for advancing life sciences learning and discovery. This would position Alaska to become a world leader in biological sciences and medical research.

Life sciences will use a two-component approach to provide flexibility for construction. The solution will connect 37,200 square feet of academic space with 50,000 square feet of research space. Once completed, space in other buildings will become available for renovation and reassignment to other programs, creating a domino effect that will benefit all students, staff, and faculty at UAF.