

Biological Research and Diagnostic Facility**FY2006 Request: \$4,760,000****Reference No: 40032****AP/AL:** Appropriation**Project Type:** Construction**Category:** University**Location:** Fairbanks Areawide**Contact:** Pat Pitney**House District:** Fairbanks Areawide (HD 7-11)**Contact Phone:** (907)474-5889**Estimated Project Dates:** 07/01/2005 - 06/30/2010**Brief Summary and Statement of Need:**

The new BiCS - Biological Research and Diagnostics Facility (BiRD) is located on the UAF West Ridge, the center of science and research activities for the UAF Campus. The facility incorporates program components and space for laboratory animal holding and care, procedure rooms, necropsy, diagnostic laboratories, incinerator, and administrative space.

Funding:	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	Total
Univ Rcpt	\$4,760,000						\$4,760,000
Total:	\$4,760,000	\$0	\$0	\$0	\$0	\$0	\$4,760,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input 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:	151,620	0
One-Time Startup:	0	
Totals:	151,620	0

Additional Information / Prior Funding History:**Project Description/Justification:**

As part of its primary mission, UAF is committed to the education of students, public service, and pursuit of research in the fields of health care, medical, and environmental health sciences. These fields are fast growing components of Alaska's skilled workforce and challenging avenues of research, an area for which UAF is internationally recognized. Already known for its research and educational programs in environmental physiology and molecular biology, UAF is now using recent funding from the National Institute of Health (NIH) to build and considerably expand its expertise in human health, medicine, and biotechnology.

UAF programs for biology are growing, however the existing science facilities on campus are antiquated, undersized, and obsolete for today's learning and research needs. UAF does not have space to accommodate newly funded programs and projects, and the growth of existing programs. The April 2001 report by UAF senior academics and researchers recommended consolidating undergraduate biology training, instruction, and research spaces in a new state-of-the-art facility. The lack of appropriate space has limited admissions in Biotechnology fields, reduced opportunities for funded research, and created a severe inability to meet the facility requirements of prospective faculty and staff in academic study and research. To meet the challenges of the strategic plan, facilities of adequate size that provide appropriate environmental systems and technology for contemporary animal care and laboratory activities must be provided.

Without appropriate facilities research dollars cannot be retained or recruited to provide top quality instruction, training and research for Alaska. Construction of a new facility dedicated to animal care will allow UAF to meet the challenges of the strategic plan, consolidate strong, growing programs in adjacent facilities, meet the challenges of new research

technology and increase success in securing talented investigators and funded research.