

State of Alaska FY2011 Governor's Operating Budget

University of Alaska University of Alaska Fairbanks Results Delivery Unit Budget Summary

University of Alaska Fairbanks Results Delivery Unit

Contribution to Department's Mission

The University of Alaska Fairbanks, the nation's northernmost Land, Sea and Space Grant university and international research center, advances and disseminates knowledge through teaching, research and public service with an emphasis on Alaska, the circumpolar North and their diverse peoples. UAF – America's Arctic University – promotes academic excellence, student success and lifelong learning.

University of Alaska Fairbanks Mission Statement
Board of Regents' Policy 10.01.03, Adopted 6/8/06

Core Services

- Offers fully accredited (Northwest Commission on Colleges and Universities) developmental, certificate, associate, baccalaureate, master's, and doctoral degrees, as well as professional programs in the arts, sciences, career fields and professions (including technical and vocational fields) in more than 100 disciplines. Colleges and schools include:
 - Colleges of Liberal Arts; Natural Sciences and Mathematics; Engineering and Mines; Rural and Community Development;
 - Schools of Management; Education; Natural Resources and Agricultural Sciences; Fisheries and Ocean Sciences.
- Offers educational opportunities for Alaska's rural and Native populations through the College of Rural and Community Development (CRCD). The Chukchi, Bristol Bay, Northwest, and Kuskokwim campuses, along with the rural education centers of the Interior-Aleutians Campus, are responsive to local and regional needs.
- Provides career and vocational programs and developmental and general education courses through the Tanana Valley Campus, which focuses on workforce development for the interior region and the State.
- Is a Land, Sea and Space Grant institution, and is Alaska's only doctoral-degree granting institution and the major research center for Alaska. Major organized research units include:
 - Institutes of Arctic Biology; Marine Science; and Northern Engineering; the Geophysical Institute; the International Arctic Research Center and the Agricultural and Forestry Experiment Station.
- Other research centers include:
 - the Alaska Center for Energy and Power; Alaska Cooperative Fish and Wildlife Research Unit; Alaska Native Language Center; Alaska Quaternary Center; Arctic Region Supercomputing Center; Fisheries Division; Fishery Industrial Technology Center; Center for Global Change and Arctic System Research; Mineral Industry Research Laboratory; Office of Electronic Miniaturization; Transportation Research Center; Petroleum Development Laboratory; UA Museum of the North.
- Provides outreach and education to hundreds of communities throughout Alaska through its Cooperative Extension Service (CES) and Marine Advisory Program (MAP).

Key RDU Challenges

Repair or replace aging buildings and critical infrastructure in Fairbanks and at rural campuses.

Provide new research, classroom, and office space for growing programs in life sciences, energy, and engineering.

Expand the Alaska Center for Energy and Power and statewide energy outreach through the Cooperative Extension Service to address critical State problems such as high energy costs and the sustainability of rural communities.

Increase climate and health research and outreach.

Increase enrollment, retention, and graduation rates.

Continue to respond to workforce development needs in the state, particularly in the areas of engineering, health and life sciences, special education teacher preparation, and teacher preparation for rural communities.

Increase opportunities for study of Alaska Native languages, culture, education, history, and communities and community development.

Maintain and increase the number of Marine Advisory Program agents to serve more of Alaska's larger coastal communities.

Improve and expand opportunities for top students including honors, undergraduate research, and leadership programs.

Significant Changes in Results to be Delivered in FY2011

Improved solutions to Alaska's energy problems, including both conventional and alternative energy sources and energy conservation.

Increased student retention with emphasis on successful high school to college transitions and improved student services at community campuses.

Expanded outreach programs delivered by the Cooperative Extension Service and the Marine Advisory program, providing research-based information in useful form to foster community sustainability and economic development, wise use of resources, health, and positive youth development.

Increased enrollments in high demand job area programs, including engineering, fisheries, education, health and behavioral health, and those related to the construction and oil/gas industries.

Leadership for the State in climate change research, impact assessment, teaching, and community engagement, particularly in affected rural communities.

Enhanced research and instruction in biomedical sciences, particularly in the areas of virology, infectious disease, and immunology.

Major RDU Accomplishments in 2009

Teaching, research and public service:

Academic Year (AY) 08/09 saw a ten percent increase in majors and a seventeen percent increase in the student credit hours generated by the College of Engineering and Mines (CEM) over AY07/08 data. CEM also hosted the first-ever high school State Robotic Championships during engineering week with 15 teams from across the State competing for the state title.

The Board of Regents approved the new interdisciplinary Ph.D. in Indigenous Studies, which combines the faculty strengths of the Center for Cross Cultural Studies, the Alaska Native Studies Program, and the Alaska Native Language Center with those of the School of Education and the Rural Development Program.

The College of Natural Sciences and Mathematics (CNSM) graduated 19 Ph.D. students in Spring 2009, which represents half of UAF's total Ph.D. production.

Cooperative Extension Service (CES) had 86,000 direct contacts with Alaskans through its educational outreach, economic development and 4-H youth development programs.

National Science Foundation funding of the Arctic Region Research Vessel (ARRV) - \$199.5 million - was finalized in the spring of 2009.

The UA Museum of the North and the Geophysical Institute were awarded a NASA science outreach grant of \$488,000 to give planetarium presentations in rural communities using a portable planetarium. One goal of the program is to inspire students, particularly Alaska Native youth, to pursue careers in science.

Chukchi Campus partnered with UAA's Mining and Petroleum Services and the Alaska Technical Center to bring the Core Driller Registered Apprenticeship Training Program to Kotzebue. This was the first time in America that this kind of apprenticeship training had taken place in a public Voc-Tech Center.

Northwest Campus completed the Public Service HUD Grant of \$800,000 with partners Northwestern Alaska Career and Technical Center (NACTEC), Nome Public Schools, and City of Nome, for construction on the NACTEC House, a new dormitory facility at Nome-Beltz High School. The project was completed on time and under budget.

Tanana Valley Campus graduated 231 students in 2009 to meet community workforce needs--a majority (151) in high demand job categories. The Facilities Master Plan was completed with assistance from McCool, Carlson, and Green Architects. TVC is actively engaged with industry and labor in providing education and training through the Fairbanks Pipeline Training Center.

Faculty, student and staff awards, competencies, regional/national/international recognition:

Fairbanks engineering students built an award-winning clean electric snowmachine. The UAF team placed second overall in the zero emissions category and won the endurance competition, the Hawke Safety Award, and the Rookie Challenge Award at the Society of Automotive Engineering's annual Clean Snowmobile Challenge held in Houghton, Michigan.

The Journalism Department (CLA) won the 2009 Alaska Press Club Public Service Award for the "Decade of Doubt" series examining flaws in the police investigation of John Hartman's 1997 murder. <http://www.uaf.edu/journal/news.html>

Michael Krauss, Emeritus Professor and founding director of the Alaska Native Language Center (CLA), was named a Linguistics Society of America Fellow for his distinguished contributions to the field of linguistics.

Geology graduate students Stephanie Mrozek and David Larmer received \$10,000 graduate student fellowships from the Society of Economic Geologists Foundation.

Dr. Thomas Trainor (Chemistry and Biochemistry) was the recipient of the 2009 Mineralogical Society of America Award for outstanding published contributions by an early career scientist. (http://www.minsocam.org/MSA/Awards/MSA_Award.html)

Scientists Russ Hopcroft, Bodil Bluhm and Rolf Gradinger are leading Census of Marine Life's (CoML) effort to catalog the diversity of sea creatures in the Arctic through the Arctic Ocean Biodiversity program. Their work has been featured in hundreds of national and international news outlets, including USA Today, Reuters, ABC News and Scientific American. Photographs by Hopcroft and SFOS graduate student Shawn Harper have also appeared in hundreds of media outlets including the National Geographic website.

Bristol Bay Professor George Guthridge's book Kids from Nowhere: The Story Behind the Arctic Educational Miracle (2006) was selected as Book of the Year by Huntington Beach, California.

Clara Johnson, Director of Interior-Aleutians Campus, awarded Educator of the Year Award by the Alaska Federation of Natives.

Contact Information

Contact: Michelle Rizk, Associate Vice President

Phone: (907) 450-8187

Fax: (907) 450-8181

E-mail: michelle.rizk@alaska.edu

**University of Alaska Fairbanks
RDU Financial Summary by Component**

All dollars shown in thousands

	FY2009 Actuals				FY2010 Management Plan				FY2011 Governor			
	General Funds	Federal Funds	Other Funds	Total Funds	General Funds	Federal Funds	Other Funds	Total Funds	General Funds	Federal Funds	Other Funds	Total Funds
Formula Expenditures None.												
Non-Formula Expenditures												
Fairbanks Campus	105,713.3	12,483.7	101,003.7	219,200.7	105,084.6	12,857.7	114,056.2	231,998.5	109,526.9	12,979.2	119,117.3	241,623.4
Fairbanks Organized Research	20,772.1	65,706.4	44,604.5	131,083.0	21,587.9	74,290.2	42,579.6	138,457.7	22,496.5	75,041.1	44,350.5	141,888.1
Totals	126,485.4	78,190.1	145,608.2	350,283.7	126,672.5	87,147.9	156,635.8	370,456.2	132,023.4	88,020.3	163,467.8	383,511.5

**University of Alaska Fairbanks
Summary of RDU Budget Changes by Component
From FY2010 Management Plan to FY2011 Governor**

All dollars shown in thousands

	<u>General Funds</u>	<u>Federal Funds</u>	<u>Other Funds</u>	<u>Total Funds</u>
FY2010 Management Plan	126,672.5	87,147.9	156,635.8	370,456.2
Adjustments which will continue current level of service:				
-Fairbanks Campus	2,482.9	0.0	1,738.8	4,221.7
-Fairbanks Organized Research	408.6	-100.0	364.5	673.1
Proposed budget increases:				
-Fairbanks Campus	1,959.4	121.5	3,322.3	5,403.2
-Fairbanks Organized Research	500.0	850.9	1,406.4	2,757.3
FY2011 Governor	132,023.4	88,020.3	163,467.8	383,511.5