

Research & Technology Transfer Report

Board of Regents Meeting, March 2009

Under Policy 401 of the Board of Regents, The University of Montana – Missoula and Montana State University – Bozeman are required to meet the following reporting elements:

Federal Initiatives Report. Targeted federal initiative funds (commonly referred to as “earmarks”) are funds included in federal appropriations requested by members of Congress to fund specific projects or programs. To keep the regents informed of these funding requests, UM-Missoula and MSU-Bozeman, as representatives of the affiliated campuses, shall coordinate requests for federal initiatives for their affiliated campuses and shall each submit to the Commissioner of Higher Education a report of the requests for any non-competitive federal funds which the units anticipate submitting to Montana’s congressional delegation for inclusion in the federal budget. The report will be submitted before the January board meeting unless otherwise scheduled by the board.

Reports. Annually, at the September regents’ meeting, UM-Missoula and MSU-Bozeman, as representatives of the affiliated campuses, shall submit to the Commissioner of Higher Education a report summarizing the research and technology transfer activities for the previous fiscal year. The report shall contain, at a minimum, the following data for the previous fiscal year:

1. All expenditures from grants and contracts managed by the respective research administrative offices;
2. Number of new invention disclosures filed;
3. Number of new start-up companies which have licensed or commercialized university-developed intellectual property;
4. Number of new intellectual property licenses issued;
5. Total intellectual property licenses in effect at the close of the fiscal year;
6. Total gross revenues from intellectual property licenses; and
7. Assessment of progress toward meeting the goals pertaining to technology transfer outlined in the campus strategic plans.

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The University of Montana – Missoula

Federal Initiatives Report

■ FEDERAL INITIATIVES, FY10

Agriculture and Related Agencies

- Mobile Biomass Energy Unit for Diseased Timber Harvesting
\$2.4 million for this new start

Commerce, Justice, Science, and Related Agencies

- Montana Safe Schools Center: Threat Assessment, Trauma Response, and Suicide Prevention
\$850,000 for this new start

Defense

- Improving Mission Preparedness and Operational Fitness for Battlefield Airmen
\$2.5 million in Air Force Special Operations Command for this new start
- Neuroprotective Agent to Prevent Loss and Damage
\$3.5 million for this new start
- Living Well with a Disability: Extending Health Promotion to Veterans with Disabilities
\$1.5 million for this new start
- Defense-Critical Languages and Cultures Program
\$2.5 million in Defense-Wide Operations and Maintenance to continue this legacy program

Energy & Water Development

- Sustainable Biogenic Coalbed Methane for Energy and Environment
\$2 million for this new start

Foreign Operations

- Vietnamese Affairs Program
\$2.5 million for this new start

Interior

- Nanomaterials Testing Center
\$2 million in EPA Science for this new start

Labor, Health and Human Services, Education

- Rural Health in America: Pharmacist-Enhanced Medication Therapy Management
\$360,000 for this new start
- Biomass Smoke Health Effects Research Program
\$500,000 for this new start

Transportation, Treasury, HUD

- Montana Stagecoach Science Experience (MoSSE)
\$1 million for this new start

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■ FEDERAL INITIATIVES, FY09

Commerce, Justice, Science, and Related Agencies

- Montana Youth Empowerment Project – NOT FUNDED
\$1.3 million in the DoJ Community Oriented Policing Services account for this legacy program)

Defense

- Amelioration of Military Hearing Loss - \$1 MILLION
\$1 million in Navy RDT&E to continue this legacy program
- Defense-Critical Languages and Cultures Program – \$1.6 MILLION
\$2.5 million in Defense-Wide Operations and Maintenance to continue this legacy program
- Improving Mission Preparedness and Operational Fitness for Battlefield Airmen – NOT FUNDED
\$2.5 million in Air Force Special Operations Command for this new start
- Montana Alternative Energy Generation (MAEG) – NOT FUNDED
\$5.65 million in Army Missile Defense Systems Integration
- Living Well with a Disability: Extending Health Promotion to Veterans with Disabilities – NOT FUNDED
\$1 million for this new start

Energy & Water Development

- Small Molecule Therapies for Neurologic Disorders – NOT FUNDED
\$2 million for this new start

Interior

- National Center for Landscape Fire Analysis – NOT FUNDED
\$3 million in the Forest Service to continue this legacy program
- Genomics and Conservation Project – NOT FUNDED
\$1.5 million

Labor, Health and Human Services and Education

- Methamphetamine Detection and Health Effects Research Program – NOT FUNDED
\$500,000 to continue this legacy project
- Wildfire Smoke Health Effects Research Program – NOT FUNDED
\$500,000 for this new start

Transportation, Treasury, HUD

- Montana Stagecoach Science Experience – NOT FUNDED
\$1 million for this new start

MONTANA UNIVERSITY SYSTEM

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Reports

FACILITIES AND ADMINISTRATION – EXPENDITURES, FY08

Research Administration			
Office of the Vice President for Research		\$ 124,584	
Lab Animal Facility		\$ 109,870	
Environmental Health		\$ 15,000	
Animal Care Committee and Institutional Review Board		\$ 10,200	
Office of Research and Sponsored Programs		\$ 118,160	
Internal Audit		\$ 15,000	
Consultants		\$ 114,864	
	Subtotal	\$ 507,678	6%
Research Construction Bonds and Loans			
ISB Building & Skaggs		\$ 631,563	
Intercap Loan		\$ 130,157	
Coal Fund Trust Loan for EPSCoR Match		\$ 108,000	
	Subtotal	\$ 869,720	11%
F&A Distributions			
Operations and Maintenance		\$ 1,102,339	
Administrative Assessment		\$ 220,337	
	Subtotal	\$ 1,322,676	15%
F&A Returned to Units			
Recovered F&A returned to Deans		\$ 2,812,861	
	Subtotal	\$ 2,812,861	35%
Research Centers			
International Programs		\$ 114,742	
Avian Science Center		\$ 36,651	
O'Connor Center		\$ 280,966	
Paleontology Center		\$ 58,000	
Center for Biomolecular Structure and Dynamics		\$ 307,279	
International Bio-station		\$ 20,000	
Research Core Instrumentation		\$ 172,647	
World Trade Center		\$ 49,130	
	Subtotal	\$ 1,039,415	13%

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FACILITIES AND ADMINISTRATION – EXPENDITURES, FY08 (continued)

Research Investments			
Start-up		\$ 956,398	
Cost Share		\$ 157,053	
Graduate Student Support		\$ 111,824	
Undergraduate Research		\$ 43,222	
Faculty Research Support		\$ 68,778	
Institutional Memberships		\$ 18,200	
Retention Packages		\$ 89,649	
	Subtotal	\$ 1,445,124	18%
Laboratory Renovations			
Physics Lab Renovation		\$ 77,000	
Paleontology Center Renovation		\$ 29,855	
NMR Repair		\$ 10,000	
HHP Lab Addition		\$ 70,592	
	Subtotal	\$ 187,447	2%
	Total	\$ 8,184,921	100%

REPORTS – OTHER

Data Elements for MUS Policy	FY 2006	FY 2007	FY 2008
R&D Expenditures	\$60,070,832	\$62,119,445	\$62,405,729
Number of new invention disclosures filed	10	5	6
Number of new start-up companies which have licensed or commercialized university-developed intellectual property	0	1	1
Number of new intellectual property licenses issued	2	1	2
Total intellectual property licenses in effect at the close of the fiscal year	22	23	22
Total gross revenues from intellectual property licenses	\$0	\$0	\$0

Data Elements for Strategic Plan	FY 2006	FY 2007	FY 2008
Patents Issued	22	28	2
Active Licenses (Total)	23	24	22
Active Licenses (MT Companies)	14	15	16
Percent Licenses w/ MT Companies	64%	63%	73%
License/Patent Revenues	\$0	\$0	\$0
Reimbursed Patent Costs from Licenses	\$0	\$0	\$0