

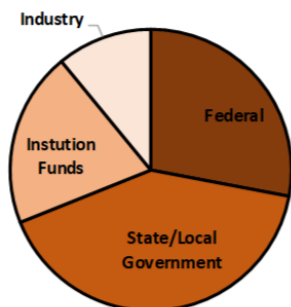


Research Annual Report 2012

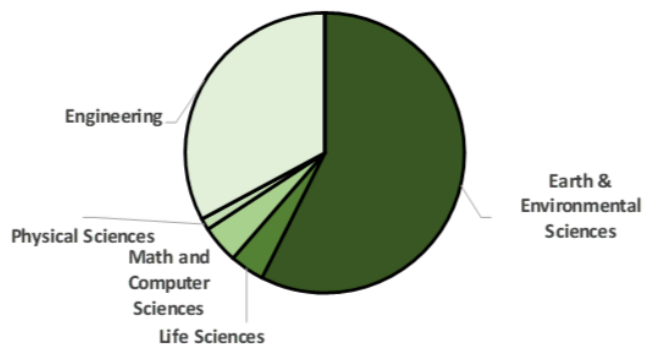
Expenditures as reported to the National Science Foundation's Higher Education Research and Development (HERD) Survey

In FY2012, Montana Tech principal investigators submitted 91 proposals, requesting \$14 million. They received 65 awards totaling \$8.4 million. Overall, including internal and state funds the FY2012 research expenditures totaled \$11.8 million. The pie charts show the sources and uses of research funding.

Total Research Expenditures by Funding Source 2012



Total Research Expenditures by Discipline 2012



Sponsored Projects Awards Received by College or Division

College or Division	Awards	Amount
School of Mines and Engineering	13	\$1,941,108
College of Letters, Sciences, and Professional Studies	9	\$2,067,628
Highlands College	6	\$327,963
Institute for Educational Opportunities	11	\$1,737,614
Montana Bureau of Mines and Geology (MBMG)	16	\$1,924,723
Other Non-Academic Divisions	8	\$141,828
Center for Advanced Mineral, Metallurgical and Materials Processing (CAMP)	2	\$228,888
Total	65	8,369,752

2012 Distinguished Researchers

Montana Tech's Distinguished Researcher program recognizes the outstanding contributions to current research and scholarly activity by the faculty and staff of the Montana Tech community.

To qualify for these competitive awards, researchers must: be national or regionally recognized in their field of research/scholarly activity, demonstrate a commitment to student involvement in the research enterprise at either the undergraduate or graduate level, and demonstrate their campus leadership in research/scholarly activity.

2012 Distinguished Researchers:

Chris Danielson, Liberal Studies

Chris Gammons, Geological Engineering

Jeff Lonn, Montana Bureau of Mines and Geology

2012 Lifetime Distinguished Researcher:

Robin McCulloch, Montana Bureau of Mines and Geology

**2012 Montana Tech Submitted Principal Investigators and
Co-Principal Investigators**

Department			Department		
Susie	Anderson	Research Office	Brian	Kukay	General Engineering
Martha	Apple	Biological Sciences	Mary	MacLaughlin	Geological Engineering
James	Aspevig	Health Care Informatics	Michael	Masters	Liberal Studies
Andy	Bobst	MBMG	Jay	McCloskey	CAMP
Douglas	Cameron	Chemistry	Katherine	McDonald	MBMG
Kevin	Chandler	MBMG	Steve	McGrath	MBMG
Douglas	Coe	Chemistry	Allison	McIntosh	Nursing
		Institute for Educational	Elizabeth	Meredith	MBMG
Rayelynn	Connole	Opportunities	John	Metesh	MBMG
Margaret	Delaney	MBMG	Steve	Parker	Chemistry
Rick	Douglass	Biological Sciences	Shane	Parrow	Mining Engineering
Jerry	Downey	Metallurgical Engineering	Marisa	Pedulla	Biological Sciences
Ted	Duaimé	MBMG	Sarah	Raymond	Career Services
Denise	Elakovich	COT	Jon	Reiten	MBMG
Charie	Faught	Health Care Informatics	Hilary	Risser	Math
Joseph	Figueria	Research Office	Scott	Risser	Liberal Studies
Chris	Gammons	Geological Engineering	Richard	Rossi	Math
Kumar	Ganesan	Environmental Engineering	Theresa	Seccomb	Technical Outreach
John	Garic	COT	Glenn	Shaw	Geological Engineering
John	Getty	Geophysical Engineering	Garrett	Smith	MBMG
Katie	Hailer	Chemistry	Marvin	Speece	Geophysical Engineering
Beverly	Hartline	Research Office	Michael	Stickney	MBMG
Leo	Heath	Petroleum Engineering	KV	Sudhakar	Metallurgical Engineering
Randy	Heibert	CAMP	Chip	Todd	Math
David	Hobbs	Chemistry	Michele	Van Dyne	Computer Science
Roger	Jensen	SHIH			Institute for Educational
Scott	Juskiewicz	Library	Amy	Verlanic	Opportunities
Michael	Klem	Chemistry	Keith	Vertanen	Computer Science
Amy	Kuenzi	Biological Sciences	Matthew	Vincent	CFWEP
			Courtney	Young	Metallurgical Engineering