

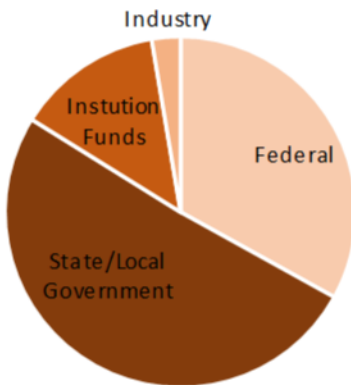


Research Annual Report 2016

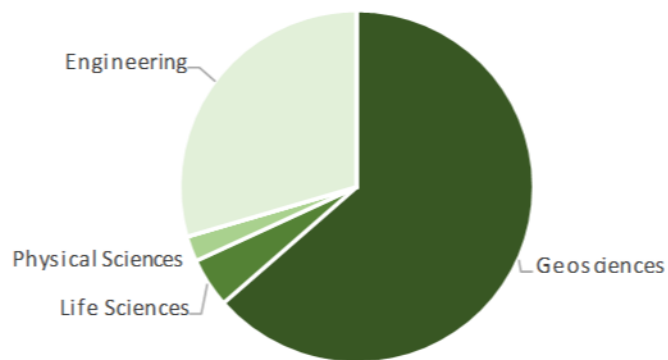
Expenditures as reported to the National Science Foundation's Higher Education Research and Development (HERD) Survey

In FY2016, Montana Tech principal investigators submitted 124 proposals, requesting \$28.3 million. They received 68 awards totaling \$10.6 million. Overall, including internal and state funds the FY16 research expenditures totaled \$11.8 million. The pie charts show the sources and uses of research funding.

Total Research Expenditures by Funding Source 2016



Total Research Expenditures by Discipline 2016



Sponsored Projects Awards Received by College or Division

College or Division	Number of Awards	Dollar Value of Awards	Number of Proposals	Dollar Value of Proposals
School of Mining and Engineering	17	\$1,742,182	38	\$12,463,174
College of Letters, Sciences, and Professional Studies	8	\$637,726	20	\$3,763,993
Highlands College	1	\$88,052	1	\$ 88,052
Institute of Educational Opportunities	7	\$2,383,453	15	\$3,389,949
Montana Bureau of Mines and Geology	21	\$1,627,472	30	\$2,099,956
Other Non-Academic Divisions	13	\$274,641	18	\$2,335,452
Center for Advanced Mineral, Metallurgical and Materials Processing (CAMP)	1	\$3,851,000	2	\$4,219,889

2016 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.

2016 Distinguished Researcher:

Elyse Lovell, Highlands College
 Katie McDonald, Montana Bureau of Mines & Geo.
 Marisa Pedulla, Biological Sciences
 Jerome Downey, Metallurgy & Materials Science

2016 Lifetime Distinguished Researcher:

Courtney Young, Metallurgy & Materials Science

**2016 Montana Tech Submitted Principal Investigators and
Co-Principal Investigators**

<u>First Name</u>	<u>Last Name</u>	<u>Department</u>			
			Larry	Hunter	General Engineering
Susie	Anderson	Research Office	Gary	Icopini	MBMG
Martha	Apple	Biology	Mohamed	Khalil	Geophysical Engineering
Laurie	Battle	Math	Stanley	Korzeb	MBMG
Paul	Beatty	Student Affairs	Amy	Kuenzi	Biology
Matt	Berzel	MBMG	Brian	Kukay	General Engineering
Andy	Bobst	MBMG	Michael	Kukay	Network Services
Jeff	Braun	Computer Science	Shawn	Kuzara	MBMG
Stella	Capoccia	Biology	John	LaFave	MBMG
Kevin	Chandler	MBMG	Jeffrey	Lonn	MBMG
Michelle	Christianson	Institute for Educational Opportunities	Elyse	Lovell	Highlands College
			Guojun	Ma	Metallurgical and Materials Engineering
Douglas	Coe	Chemistry			
Rayelynn	Connole	Institute for Educational Opportunities	Mary	Maclaughlin	Geological Engineering
			Bruce	Madigan	General Engineering
Paul	Conrad	Mining Engineering	Catherine	McDonald	MBMG
Alysia	Cox	Chemistry	Al	Meier	Metallurgical and Materials Engineering
Jeremy	Crowley	MBMG			
Phillip	Curtiss	Computer Science	Elizabeth	Meredith	MBMG
Avimanyu	Das	Metallurgical and Materials Engineering	Khalid	Miah	Geophysical Engineering
			Grant	Mitman	Biology
Margaret	Delaney	MBMG	Michelle	Morley	Highlands College
Jerome	Downey	Metallurgical and Materials Engineering	John	Morrison	Electrical Engineering
			William	Morrison	Electrical Engineering
Jerry	Downey	Metallurgical and Materials Engineering	Raja	Nagisetty	Environmental Engineering
Ted	Duaimé	MBMG	Kevin	Negus	Electrical Engineering
Matt	Egloff	General Engineering	Robert	Pal	Biology
Denise	Elakovich	Institute for Educational Opportunities	Thomas	Patton	MBMG
			Marisa	Pedulla	Biology
Colleen	Elliott	MBMG	Bernie	Phelps	Institute for Educational Opportunities
Alan	English	MBMG			
Chris	Gammons	Geological Engineering	Theresa	Rader	Institute for Educational Opportunities
Kumar	Ganesan	Electrical Engineering			
John	Garic	Highlands College	Sarah	Raymond	Career Services
John	Getty	Geophysical Engineering	Jon	Reiten	MBMG
Joel	Graff	Biology	Lee	Richards	Petroleum Engineering
Katie	Hailer	Chemistry	Scott	Risser	Liberal Studies
Julie	Hart	Safety, Health, and Industrial Hygiene	Chris	Roose	Mining Engineering
			Scott	Rosenthal	Mining Engineering
Beverly	Hartline	Research Office	Glenn	Shaw	Geological Engineering
Bryce	Hill	Electrical Engineering	RuthAnne	Shope	Institute for Educational Opportunities
Larry	Hunter	General Engineering			

**2016 Montana Tech Submitted Principal Investigators and
Co-Principal Investigators—continued**

<u>First Name</u>	<u>Last Name</u>	<u>Department</u>
Jack	Skinner	General Engineering
Larry	Smith	Geological Engineering
Marvin	Speece	Geophysical Engineering
Michael	Stickney	MBMG
Jackie	Timmer	MBMG
Dan	Trudnowski	Electrical Engineering
Carrie	Vath	Academic Center of Excellence
Amy	Verlanic	Institute for Educational Opportu- nities
Michael	Webb	Chemistry
Ron	White	CAMP
Josh	Wold	Electrical Engineering
Gary	Wyss	CAMP
Xufei	Yang	Environmental Engineering
Courtney	Young	Metallurgical and Materials Engi- neering
Xiaobing	Zhou	Geophysical Engineering
Katherine	Zodrow	Environmental Engineering