

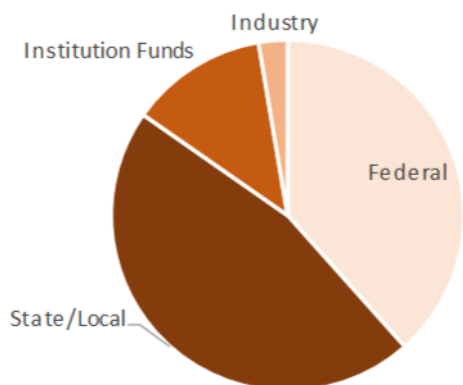


Research Annual Report 2017

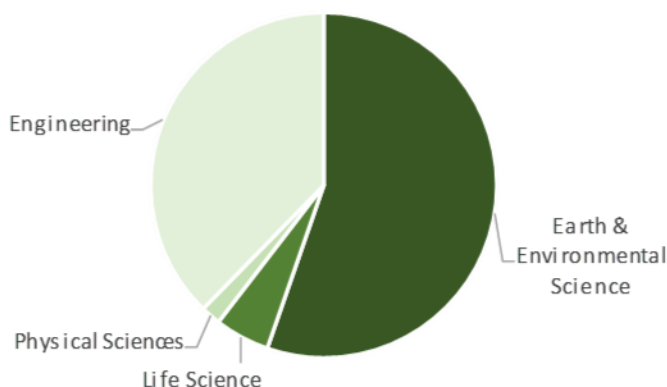
Expenditures as reported to the National Science Foundation's Higher Education Research and Development (HERD) Survey

In FY2017, Montana Tech principal investigators submitted 101 proposals, requesting \$27.6 million. They received 64 awards totaling \$9.18 million. Overall, including internal and state funds the FY17 research expenditures totaled \$13 million. The pie charts show the sources and uses of research funding.

Total Research Expenditures by Funding Source 2017



Total Research Expenditures by Discipline 2017



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 Mines and Engineering	13	\$703,382	31	\$14,327,998
College of Letters, Sciences, and Professional Studies	15	\$571,785	26	\$3,424,501
Highlands College	1	\$89,500	1	\$ 89,500
Institute of Educational Opportunities	11	\$3,030,502	15	\$4,560,422
Montana Bureau of Mines and Geology	18	\$1,636,222	22	\$2,073,318
Other Non-Academic Divisions	4	\$59,362	4	\$101,540
Center for Advanced Mineral, Metallurgical and Materials Processing (CAMP)	2	\$3,089,880	2	\$3,089,880

2017 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.

2017 Distinguished Researcher:

Colleen Elliott, Montana Bureau of Mines & Geo.
Katie Hailer, Chemistry
Matt Donnelly, Electrical Engineering

2017 Lifetime Distinguished Researcher:

Chris Gammons, Geological Engineering
Dan Trudnowski, Electrical Engineering

2017 Montana Tech Submitted Principal Investigators and Co-Principal Investigators

<u>First Name</u>	<u>Last Name</u>	<u>Department</u>	<u>First Name</u>	<u>Last Name</u>	<u>Department</u>
Ginette	Abdo	MBMG	Brian	Koontz	Computer Science
JJ	Adams	Business	Amy	Kuenzi	Biology
Arlene	Alvarado	Institute for Educational Opp.	Brian	Kukay	Civil Engineering
Susie	Anderson	Research Office	Shawn	Kuzara	MBMG
Martha	Apple	Biology	John	LaFave	MBMG
Paul	Beatty	Student Affairs	Mary	MacLaughlin	Geological Engineering
Matt	Berzel	MBMG	Bruce	Madigan	Mechanical Eng.
Simon	Bierbach	MBMG	Catherine	McDonald	MBMG
Andy	Bobst	MBMG	Elizabeth	Meredith	MBMG
Rayelynn	Brandl	Institute for Educational Opp.	Kal	Miah	Geophysical Eng.
Jeff	Braun	Computer Science	Grant	Mitman	Research Office
Thomas	Camm	Mining Engineering	Ryan	Mulcahy	Highlands College
Stella	Capoccia	Biology	Todd	Myse	MBMG
Kevin	Chandler	MBMG	Raja	Nagisetty	Environmental Eng.
Jan	Chorney	Metallurgical and Materials Eng.	Robert	Pal	Biology
Abhi	Choudhury	Mining Engineering	Tom	Patton	MBMG
Ronda	Coguill	CAMP	Marisa	Pedulla	Biology
Paul	Conrad	Mining Engineering	Bernie	Phelps	Institute for Educational Opp.
Alysia	Cox	Chemistry	Dario	Prieto	Mechanical Eng.
Phil	Curtiss	Computer Science	Theresa	Rader	Institute for Educational Opp.
Avimanyu	Das	Metallurgical and Materials Eng.	Lee	Richards	Petroleum Engineering
Matt	Donnelly	Electrical Engineering	Hilary	Risser	Math
Jerry	Downey	Metallurgical and Materials Eng.	Scott	Risser	Liberal Studies
Ted	Duaim	MBMG	Scott	Rosenthal	Mining Engineering
Denise	Elakovich	Highlands College	Katie	Schumacher	CAMP
Colleen	Elliott	MBMG	Glenn	Shaw	Geological Engineering
Alan	English	MBMG	RuthAnne	Shope	Institute for Educational Opp.
Chris	Gammons	Geological Engineering	Jack	Skinner	Mechanical Eng.
Kumar	Ganesan	Environmental Engineering	Larry	Smith	Geological Engineering
Bill	Gleason	Metallurgical and Materials Eng.	Marvin	Speece	Geophysical Eng.
Joel	Graff	Biology	Mike	Stickney	MBMG
Katie	Hailer	Chemistry	KV	Sudhakar	Metallurgical and Materials Eng.
Julie	Hart	Safety, Health, and Industrial Hygiene	Jackie	Timmer	MBMG
Beverly	Hartline	Research Office	Chip	Todd	Statistics
Bryce	Hill	Electrical Engineering	Karen	Vandaveer	Nursing
David	Hobbs	Chemistry	Amy	Verlanic	Institute for Educational Opp.
Hsin	Huang	Metallurgical and Materials Eng.	Michael	Webb	Chemistry
Larry	Hunter	Civil Engineering	Ronald	White	CAMP
Gary	Icopini	MBMG	Xufei	Yang	Geophysical Engineering
Mohamed	Khalil	Geophysical Eng.	Courtney	Young	Metallurgical and Materials Eng.
			Katherine	Zodrow	Environmental Eng.