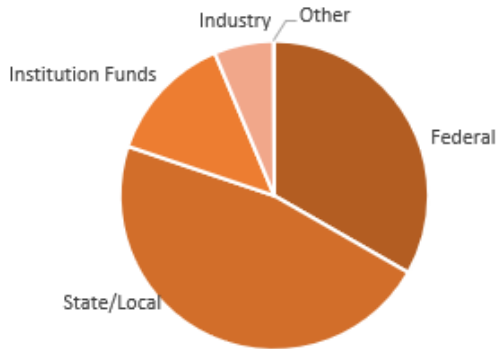


Research Annual Report 2020

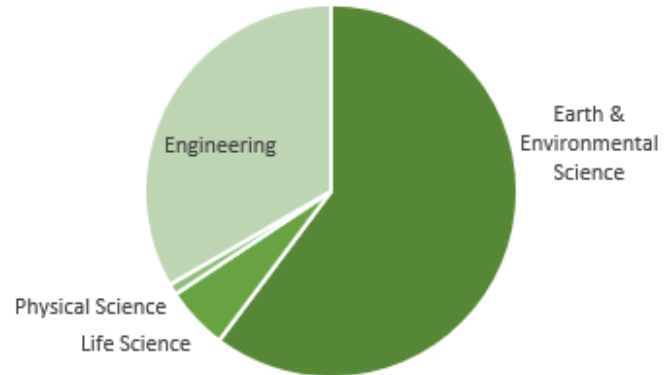
Expenditures as reported to the National Science Foundation's Higher Education Research and Development (HERD) Survey

In FY2020, Montana Tech principal investigators submitted 124 proposals, requesting \$24.9 million. They received 80 awards totaling \$11.2 million. Overall, including internal and state funds the FY20 research expenditures totaled \$12.7 million. The pie charts show the sources and uses of research funding.

Total Research Expenditures by Funding Source 2020



Total Research Expenditures by Discipline 2020



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	20	\$1,886,860	47	\$9,566,333
College of Letters, Sciences, and Professional Studies	12	\$1,717,568	21	\$2,943,263
Highlands College	2	\$140,211	2	\$140,211
Institute of Educational Opportunities	11	\$1,332,904	17	\$2,571,453
Montana Bureau of Mines and Geology	26	\$3,259,966	26	\$4,001,268
Other Non-Academic Divisions	8	\$94,242	10	\$721,154
Center for Advanced Mineral, Metallurgical and Materials Processing (CAMP)	1	\$2,750,000	4	\$4,984,915

2020 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.

2020 Distinguished Researcher:

Elyse Lovell, Highlands
Stella Capoccia, Biology

2020 Lifetime Distinguished Researcher:

Mary MacLaughlin, Geological Engineering

**2020 Montana Tech Submitted Principal Investigators and
Co-Principal Investigators**

<u>Last Name</u>	<u>First Name</u>	<u>Department</u>	<u>Last Name</u>	<u>First Name</u>	<u>Department</u>
Andriolo	Jessica	Mechanical Engineering	LaDoucier	Rick	CAMP
Apple	Martha	Biology	LaFave	John	MBMG
Atkinson	Dawn	Writing	Lucon	Peter	Mechanical Engineering
Autenrieth	Dan	SHIH	MacLaughlin	Mary	Geological Engineering
Birkenbuel	Lorri	SHIH	McDonald	Katie	MBMG
Brandl	Rayelynn	CFWEP	Metesh	John	MBMG
Braun	Jeff	Computer Science	Mosolf	Jesse	MBMG
Brietmeyer	Ronald	MBMG	Nagisetty	Raja	Environmental Engineering
Buckley	Luke	MBMG	Oyer	Nancy	CAMP
Capoccia	Stella	Biology	Pal	Robert	Biology
Chandler	Kevin	MBMG	Phelps	Bernie	Institute for Educational Opp.
Choudhury	Abhi	Mining Engineering	Pietsch	Cricket	Student Affairs
Christianson	Michelle	Institute for Educational Opp.	Prieto	Dario	Mechanical Engineering
Cook	Stephanie	Chancellor	Rader	Theresa	Institute for Educational Opp.
Corbitt	Stacey	Writing	Raymond	Sarah	Career Services
Cox	Alysia	Chemistry	Richards	Lee	Petroleum Engineering
Crowley	Jeremy	MBMG	Risser	Hilary	Math
Curtiss	Phil	Computer Science	Rose	James	MBMG
Donnelly	Matt	Electrical Engineering	Scarberry	Kaleb	MBMG
Duaime	Ted	MBMG	Simon	Jennifer	IT
Elliott	Colleen	MBMG	Skinner	Jack	Mechanical Engineering
English	Alan	MBMG	Smith	Larry	Geological Engineering
Gammons	Chris	Geological Engineering	Speece	Marvin	Geophysical Engineering
Gilkey	David	SHIH	St. Clair	Brian	Chemistry
Hailer	Katie	Chemistry	Stapley	Ryan	Chemistry
Hart	Julie	SHIH	Stickney	Michael	MBMG
Hartline	Beverly	Research Office	Thompson	Connie	MBMG
Hill	Bryce	Electrical Engineering	Timmer	Jackie	MBMG
Hoffman	Todd	Petroleum Engineering	Todd	Tammy	Nursing
Hutchins	David	Environmental Engineering	Trudnowski	Dan	Electrical Engineering
Icopini	Gary	MBMG	Vath	Carrie	Student Affairs
Irons	Trevor	Geophysical Engineering	Verlanic	Amy	Institute for Educational Opp.
Jiang	Daqian	Environmental Engineering	White	Ron	CAMP
Khalil	Mohamed	Geophysical Engineering	Wold	Josh	Electrical Engineering
Korzeb	Stanley	MBMG	Wyss	Gary	CAMP
Kuenzi	Amy	Biology	Young	Courtney	Metallurgy & Materials Engineering
			Zhou	Xiaobing	Geophysical Engineering
			Zodrow	Katherine	Environmental Engineering