

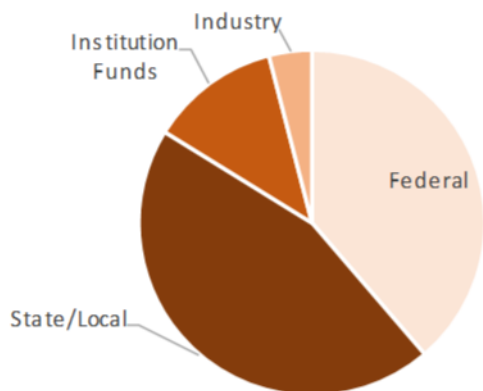


# Research Annual Report 2019

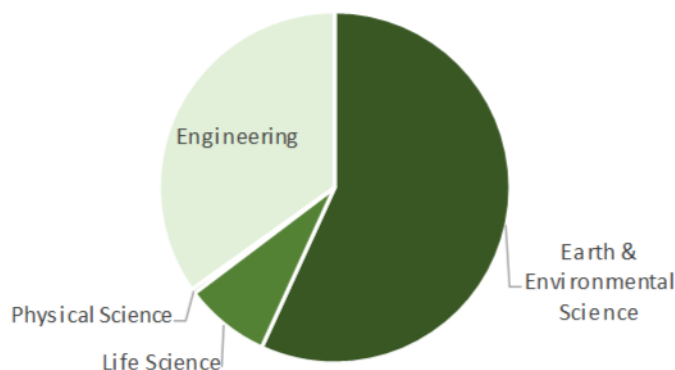
Expenditures as reported to the National Science Foundation's Higher Education Research and Development (HERD) Survey

In FY2019, Montana Tech principal investigators submitted 113 proposals, requesting \$25.9 million. They received 61 awards totaling \$7.3 million. Overall, including internal and state funds the FY19 research expenditures totaled \$12.7 million. The pie charts show the sources and uses of research funding.

**Total Research Expenditures by Funding Source 2019**



**Total Research Expenditures by Discipline 2019**



## 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	\$652,380	41	\$11,644,824
College of Letters, Sciences, and Professional Studies	8	\$2,007,608	20	\$7,736,485
Highlands College	3	\$144,211	3	\$160,962
Institute of Educational Opportunities	10	\$423,036	16	\$1,144,752
Montana Bureau of Mines and Geology	19	\$1,307,123	25	\$2,430,969
Other Non-Academic Divisions	7	\$68,742	7	\$71,242
Center for Advanced Mineral, Metallurgical and Materials Processing (CAMP)	1	\$2,750,000	1	\$2,750,000

## 2019 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.

### **2019 Distinguished Researcher:**

Katherine Zodrow, Environmental Engineering  
 Elizabeth Meredith, Montana Bureau of Mines & Geo.  
 Isabel Sobral Campos, Liberal Studies

### **2019 Lifetime Distinguished Researcher:**

Michael Stickney, Montana Bureau of Mines & Geo.

**2019 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>
Susie	Anderson	Research	Jeff	Lonn	MBMG
Martha	Apple	Biology	Elyse	Lovell	Highlands College
Dawn	Atkinson	Writing	Peter	Lucon	Mechanical Engineering
		Safety, Health, and Industrial	Catherine	McDonald	MBMG
Daniel	Autenrieth	Hygiene	Elizabeth	Meredith	MBMG
		Safety, Health, and Industrial	John	Metesh	MBMG
Lorri	Birkenbuel	Hygiene	Kal	Miah	Geophysical Engineering
Andy	Bobst	MBMG	Raja	Nagisetty	Environmental Engineering
			Kevin	Negus	Electrical Engineering
Rayelynn	Brandl	Institute for Educational Opp.	Akua	Oppong-Anane	Freshman Engineering
Luke	Buckley	MBMG	Robert	Pal	Biology
Stella	Capoccia	Biology	Marisa	Pedulla	Biology
Abhi	Choudhury	Mining Engineering	Bernie	Phelps	Highlands College
Ronda	Coguill	CAMP	Cricket	Pietsch	Student Affairs
Heather	Conley	Highlands College	Dario	Prieto	Mechanical Engineering
Stacey	Corbitt	Writing			
Alysia	Cox	Chemistry	Theresa	Rader	Institute for Educational Opp.
Jeremy	Crowley	MBMG	Sarah	Raymond	Career Services
Phil	Curtiss	Computer Science	David	Reichhardt	Petroleum Engineering
		Metallurgical and Materials	Lee	Richards	Petroleum Engineering
Avimanyu	Das	Engineering	Scott	Rosenthal	Mining Engineering
		Metallurgical and Materials	Shauna	Savage	Student Affairs
Jerome	Downey	Engineering	Kaleb	Scarberry	MBMG
Ted	Duaime	MBMG	Celia	Schahczenski	Computer Science
Colleen	Elliott	MBMG	Glenn	Shaw	Geological Engineering
Alan	English	MBMG			
Christopher	Gammons	Geological Engineering	RuthAnne	Shope	Institute for Educational Opp.
		Safety, Health, and Industrial	Jack	Skinner	Mechanical Engineering
David	Gilkey	Hygiene	Larry	Smith	Geological Engineering
Joel	Graff	Biology	Marvin	Speece	Geophysical Engineering
David	Gurchiek	Highlands College	Brian	St. Clair	CAMP
Katie	Hailer	Chemistry	Michael	Stickney	MBMG
		Safety, Health, and Industrial	Jackie	Timmer	MBMG
Julie	Hart	Hygiene	Burt	Todd	Petroleum Engineering
Bryce	Hill	Electrical Engineering	Carrie	Vath	Student Affairs
Todd	Hoffman	Petroleum Engineering			
Gary	Icopini	MBMG	Amy	Verlanic	Institute for Educational Opp.
Daqian	Jiang	Environmental Engineering	Ronald	White	CAMP
Mohamed	Khalil	Geophysical Engineering	Gary	Wyss	CAMP
Adrian	Kien	Library	Petr	Yakovlev	MBMG
John	Kirtley	Biology			
John	LaFave	MBMG	Courtney	Young	Metallurgical and Materials Engineering
Curtis	Link	Freshman Engineering	Xiaobing	Zhou	Geophysical Engineering
			Katherine	Zodrow	Environmental Engineering