

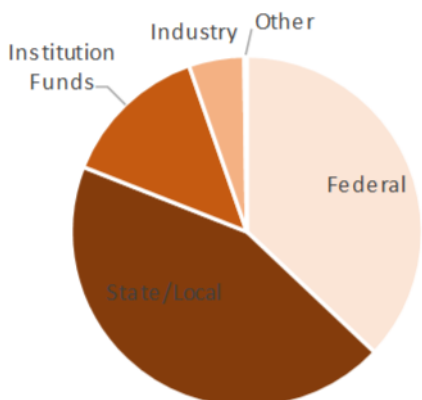


# Research Annual Report 2018

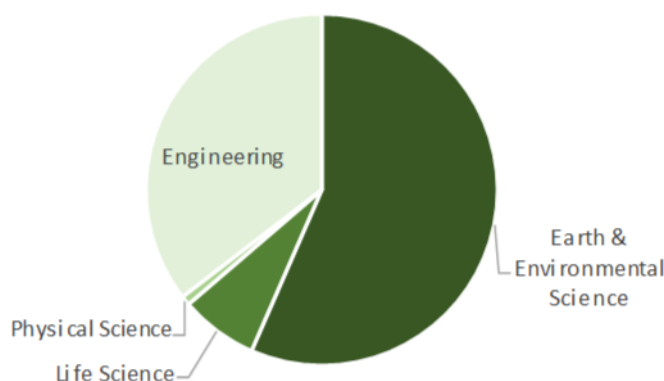
Expenditures as reported to the National Science Foundation's Higher Education Research and Development (HERD) Survey

In FY2018, Montana Tech principal investigators submitted 143 proposals, requesting \$35.2 million. They received 90 awards totaling \$9.7 million. Overall, including internal and state funds the FY18 research expenditures totaled \$12.6 million. The pie charts show the sources and uses of research funding.

Total Research Expenditures by Funding Source 2018



Total Research Expenditures by Discipline 2018



## 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	30	\$3,433,786	54	\$21,811,805
College of Letters, Sciences, and Professional Studies	11	\$463,532	21	\$3,981,409
Highlands College	1	\$91,667	2	\$115,592
Institute of Educational Opportunities	14	\$1,444,711	20	\$1,754,451
Montana Bureau of Mines and Geology	27	\$1,497,346	38	\$4,746,674
Other Non-Academic Divisions	6	\$97,646	7	\$122,228
Center for Advanced Mineral, Metallurgical and Materials Processing (CAMP)	1	\$2,750,000	1	\$2,750,000

## 2018 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.

### **2018 Distinguished Researcher:**

Bill Ryan, Highlands College  
 Robert Pal, Biological Sciences  
 John Amtmann, Safety, Health and Industrial Hygiene

### **2018 Lifetime Distinguished Researcher:**

Hsin-Hsiung Huang, Metallurgy & Materials Science

## 2018 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>
JJ	Adams	Business	John	LaFave	MBMG
Susie	Anderson	Research Office	Jeffrey	Lon	MBMG
Martha	Apple	Biology	Elyse	Lovell	Highlands College
Dan	Autienrieth	Safety, Health, and Industrial Hygiene	Peter	Lucon	Mechanical Engineering
Steve	Berry	Minig	Mary	MacLaughlin	Geological Engineering
Andy	Bobst	MBMG	Katie	McDonald	MBMG
Rayelynn	Brandl	Institute of Educational Opp.	Steve	McGrath	MBMG
Luke	Buckley	MBMG	Elizabeth	Meredith	MBMG
Stella	Capoccia	Biology	John	Metesh	MBMG
Kevin	Chandler	MBMG	Raja	Nagisetty	Environmental Engineering
Abhishek	Choudhury	Mining Engineering	Akua	Oppong-Anane	Freshman Engineering
Ronda	Coguill	CAMP	Robert	Pal	Biology
Scott	Coguill	Mechanical Engineering	Marisa	Pedulla	Biology
Paul	Conrad	Mining Engineering	Bernie	Phelps	Institute of Educational Opp.
Alysia	Cox	Chemistry	Cricket	Pietsch	Student Affairs
Jeremy	Crowley	MBMG	Brahmananda	Pramanik	Mechanical Engineering
Phillip	Curtiss	Computer Science	Dario	Prieto	Mechanical Engineering
Avimanyu	Das	Metallurgical and Materials Engineering	Theresa	Rader	Institute of Educational Opp.
Peggy	Delaney	MBMG	Hilary	Risser	Math
Matt	Donnelly	Electrial Engineering	Scott	Risser	Liberal Studies
Jerome	Downey	Metallurgical and Materials Engineering	Chris	Roos	Mining Engineering
Jeff	Draper	Highlands College	Scott	Rosenthal	Mining Engineering
Ted	Duaim	MBMG	Shuana	Savage	Student Affairs
Denise	Elakovich	Highlands College	Sue	Schrader	Petroleum Engineering
Colleen	Elliott	MBMG	Glenn	Shaw	Geological Engineering
Alan	English	MBMG	Jack	Skinner	Mechanical Engineering
Chris	Gammons	Geological Engineering	Michael	Stickney	MBMG
Joel	Graff	Biology	KV	Sudhakar	Metallurgical and Materials Engineering
Katie	Hailer	Chemistry	Jackie	Timmer	MBMG
Julie	Hart	Safety, Health, and Industrial Hygiene	Burt	Todd	Petroleum Engineering
Beverly	Hartline	Research Office	Dan	Trudnowski	Electrial Engineering
Bryce	Hill	Electrial Engineering	Carrie	Vath	Student Affairs
Todd	Hoffman	Petroleum Engineering	Amy	Verlanic	Institute of Educational Opp.
Hsin-Hsiung	Huang	Metallurgical and Materials Engineering	Ronald	White	CAMP
Gary	Icopini	MBMG	Josh	Wold	Electrial Engineering
Daqian	Jiang	Environmental Engineering	Petr	Yakovlev	MBMG
Amy	Kuenzi	Biology	Xufei	Yang	Environmental Engineering
Shawn	Kuzara	MBMG	Courtney	Young	Metallurgical and Materials Engineering
Richard	LaDoucer	CAMP	Xiaobing	Zhou	Geophysical Engineering
			Katherine	Zodrow	Environmental Engineering