



Research & Development

Goal 2:
Workforce & Economic Development

System Initiatives:

MUS Research Initiative:
The MUS received an appropriation of \$15M in state funds from the 2015 Montana Legislature to serve as seed money to leverage university-based research into strategic advancements for Montana's economy. The fundamental purpose of this research initiative is to: (1) solve Montana problems with Montana solutions; (2) create good Montana private-sector jobs, and/or; (3) grow emerging and important research sectors that contribute to the diversity of Montana's economy.

The Commissioner of Higher Education administered competitive grants to researchers on the basis of each project's potential for private-sector job creation, commercialization, and economic return on investment for the State of Montana. Areas of emphasis include agriculture, natural resources and energy, materials and manufacturing, health and biomedical sciences, and technology and computer science.

For more details and complete list of funded projects, go to:
http://www.mus.edu/research_initiative.asp

Updated: Dec. 2017

Goal Statement

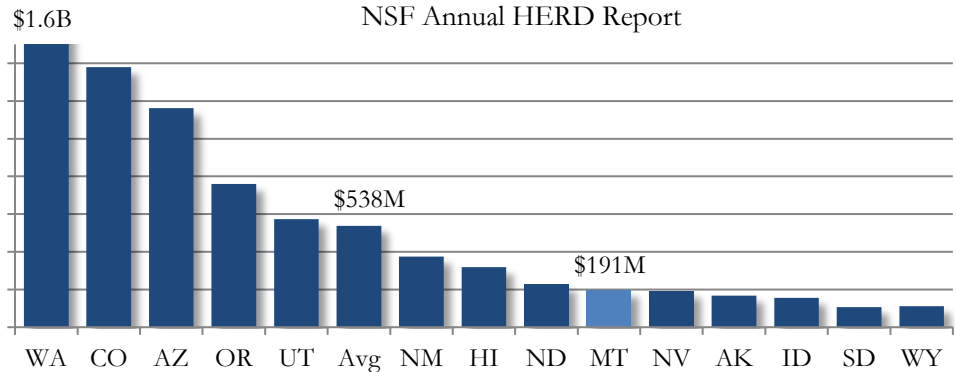
Establish collaborative programs among institutions, the private sector, and the state to expand research, technology transfer, the commercialization of new technologies, and the development of our entrepreneurs

Objective 2.2.1

Increase research & development receipts and expenditures

Metric 2.2.1

Research & Development Expenditures by State, 2016
NSF Annual HERD Report



source: National Science Foundation (NSF)
note: figures may differ slightly from the MUS annual data collection due to reporting criteria

MUS Research & Development Expenditures by Institution

Campus	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
MSU Bozeman	\$110,929,895	\$109,612,283	\$106,878,735	\$118,388,115	\$130,788,759
MSU Billings	\$2,924,336	\$2,815,426	\$3,345,519	\$3,291,941	\$3,299,073
MSU Northern	\$3,140,745	\$1,710,788	\$2,696,257	\$2,712,962	\$2,127,012
UM Missoula	\$59,306,533	\$58,272,583	\$64,572,795	\$78,536,903	\$88,152,772
MT Tech	\$7,273,560	\$6,926,744	\$7,569,062	\$7,727,561	\$8,643,766
UM Western	\$648,325	\$679,964	\$694,977	\$653,516	\$934,471
MUS Total	\$184,223,394	\$180,017,788	\$185,757,345	\$211,310,998	\$233,945,853

source: MUS Annual Research Report; note: expenditures include all sponsored activities (research, instruction, and other sponsored activities) managed by the respective research/business administrative offices as restricted funds via grants, contracts, or cooperative agreements, per BOR Policy 401 & 404

Objective 2.2.1

Increase technology licenses with Montana businesses

Metric 2.2.1

MUS Technology Transfer Activity

MUS Tech Transfer Stats	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Patents Issued	8	9	8	7	8	9
Active Licenses (Total)	238	238	287	302	281	316
Active Licenses (in MT)	97	82	87	89	83	94
% Licenses w/ MT Companies	41%	34%	30%	29%	30%	30%
License/Patent Revenues	\$663,586	\$454,479	\$315,560	\$437,782	\$568,324	\$401,140
Reimbursed Patent Costs	\$258,379	\$131,007	\$250,155	\$151,260	\$599,996	\$394,622

source: MUS Annual Research Report