



# 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](http://www.mus.edu/research_initiative.asp)

Updated: Jan. 2016

**Goal Statement**

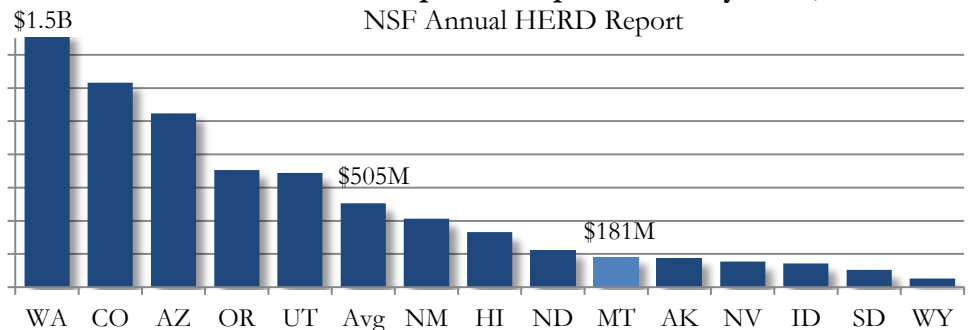
Establish collaborative programs among institutions, the private sector, and the state to expand research, technology transfer, the commercialization of new technologies, and the development of our entrepreneurs

**Objective 2.2.1**

Increase research & development receipts and expenditures

**Metric 2.2.1**

**Research & Development Expenditures by State, 2014**



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 2011	FY 2012	FY 2013	FY 2014	FY 2015
MSU Bozeman	\$102,767,291	\$112,304,270	\$110,929,895	\$109,612,283	\$106,878,735
MSU Billings	\$4,563,253	\$3,407,301	\$2,924,336	\$2,815,426	\$3,345,519
MSU Northern	\$2,744,180	\$3,906,350	\$3,140,745	\$1,710,788	\$2,696,257
UM Missoula	\$63,857,146	\$61,543,835	\$59,306,533	\$58,272,583	\$64,572,795
MT Tech	\$9,370,049	\$8,509,560	\$7,273,560	\$6,926,744	\$7,569,062
UM Western	\$781,628	\$560,173	\$648,325	\$679,964	\$694,977
<b>MUS Total</b>	<b>\$184,083,547</b>	<b>\$190,231,489</b>	<b>\$184,223,394</b>	<b>\$180,017,788</b>	<b>\$185,757,345</b>

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 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Patents Issued	14	14	8	9	8	7
Active Licenses (Total)	215	231	238	238	287	302
Active Licenses (in MT)	121	112	97	82	87	89
% Licenses w/ MT Companies	56%	48%	41%	34%	30%	29%
License/Patent Revenues	\$271,330	\$215,628	\$663,586	\$454,479	\$315,560	\$437,782
Reimbursed Patent Costs	\$211,061	\$169,616	\$258,379	\$131,007	\$250,155	\$151,260

source: MUS Annual Research Report