



# Research & Development

**Goal 2:**  
Workforce & Economic Development

**System Initiatives:**

**Montana Science Serving Montana Citizens** is a statewide science and technology plan for higher education and related enterprises in Montana. The *Plan*, developed by the MUS Science and Technology Advisory Committee (MUSSTAC), will help identify priorities for the MUS and the State of Montana in the allocation of resources to a research enterprise that has great potential to grow and flourish <http://mus.edu/che/arsa/Research/MUSSTACplan.pdf>

**EPSCoR**

Sponsored by grants from the National Science Foundation (NSF), the Experimental Program to Stimulate Competitive Research (EPSCoR) is designed to promote the development of science and technology resources across the United States. Through partnerships with universities, government, and small businesses, Montana NSF EPSCoR operates on the principle that aiding researchers and institutions in securing federal research and development funding will develop the state's research infrastructure and advance economic growth. <http://www.mtnsfepscor.org/>

Updated: Dec 2013

**Goal Statement**

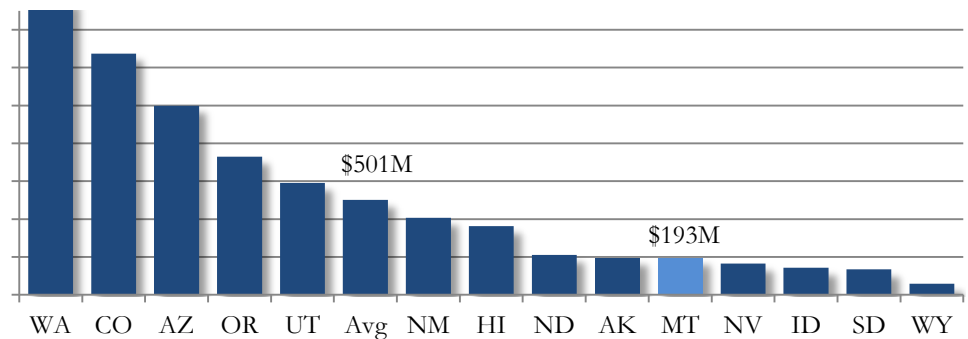
Establish collaborative programs among institutions, the private sector, and the state to expand research, technology transfer, the commercialization of new technologies, and the development of our entrepreneurs

**Objective 2.2.1**

Increase research & development receipts and expenditures

**Metric 2.2.1**

**Research & Development Expenditures by State, 2012**  
(in millions, public institutions only)



source: National Science Foundation (NSF)

**MUS Research & Development Expenditures by Institution**

Campus	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
MSU Bozeman	\$98,431,691	\$109,481,694	\$102,767,291	\$112,304,270	\$93,756,022
MSU Billings	\$6,197,291	\$5,183,761	\$4,563,253	\$3,407,301	\$2,924,336
MSU Northern	\$2,321,369	\$3,817,090	\$2,744,180	\$3,906,350	\$3,140,745
UM Missoula	\$67,116,785	\$66,961,101	\$63,857,146	\$61,543,835	\$59,306,533
MT Tech	\$8,408,515	\$9,656,552	\$9,296,423	\$11,765,000	\$11,000,000
UM Western	\$712,942	\$698,633	\$781,628	\$560,173	\$648,325
<b>MUS Total</b>	<b>\$183,188,593</b>	<b>\$195,798,831</b>	<b>\$184,009,921</b>	<b>\$193,486,929</b>	<b>\$170,775,961</b>

source: MUS Annual Research Report; note: expenditures include all sponsored projects

**Objective 2.2.1**

Increase technology licenses with Montana businesses

**Metric 2.2.1**

**MUS Technology Transfer Activity**

MUS Tech Transfer Stats	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Patents Issued	19	27	14	14	8	10
Active Licenses (Total)	176	206	215	231	238	240
Active Licenses (in MT)	106	118	121	112	97	83
% Licenses w/ MT Companies	60%	57%	56%	48%	41%	35%
License/Patent Revenues	\$221,614	\$305,893	\$271,330	\$215,628	\$663,586	\$454,479
Reimbursed Patent Costs	\$442,630	\$271,142	\$211,061	\$169,616	\$258,379	\$131,007

source: MUS Annual Research Report