



Current Planned Project:

**NORM ASBJORNSON
INNOVATION CENTER
FOR ENGINEERING**

With a gift of

\$50 MILLION

(largest private gift in state's history)

**FEATURED CENTERS INSTITUTES
AND LABS**

Western Transportation Institute

Montana Microfabrication
Facility

Institute on Ecosystems

Energy Research Institute

Montana Water Center



MSU'S OVERALL RESEARCH
ENTERPRISE

\$109.6 million

[2014]

As a

LAND-GRANT UNIVERSITY

Montana State University has a long
tradition of supporting

**basic and applied
research**



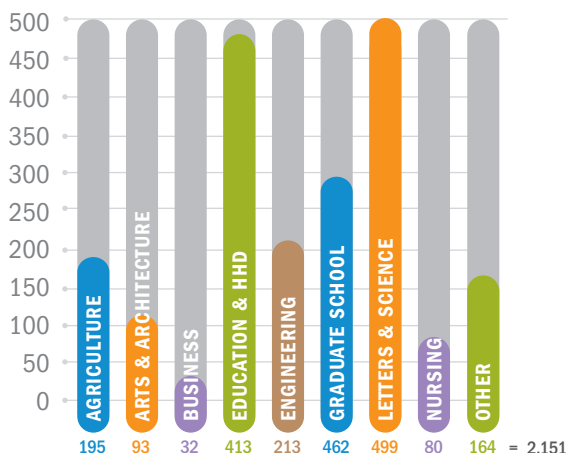
and



creative activity

ENROLLMENT BY COLLEGE

GRADUATE STUDENTS - FALL 2015



\$106.9 million

Expenditures from competitive
sponsored research programs

[Fiscal year 2015]

www.montana.edu/research

MSU holds

92 PATENTS

for innovations and processes
developed through faculty research

58 PATENTS PENDING

273

**LICENSE AND OPTION
AGREEMENTS**

with private firms

75 of which are with Montana
companies

[2013-14]

**MSU
offers**

- 54 master's degree options
- 37 doctoral degree options (including 1 specialist program)
- 13 certificate options

In the history of the
school,
MSU has awarded

16,639

Master's

8 Specialist and

2,164

Doctoral degrees

[1893-2016]



INTERNATIONAL ENROLLMENT

Number of students

154

Number of countries

47

Top 3 countries

India, China, Canada

Research Thrusts at MSU

Magnetic Resonance Lab Magnetic Resonance Imaging (MRI) is a noninvasive technique which has found broad application in clinical medicine and is a maturing method for studies in engineering and physics. Our group uses instruments that allow MRI to be applied with a resolution of 10 μm over 10mm diameter samples. MRI applied on this scale requires more sample specific tailoring of the pulse sequences and is more often termed Magnetic Resonance Microscopy (MRM) to distinguish it from medical scale imaging.

Thermal Biology Institute conducts and promotes research and education focused on the biology and physical and chemical processes of geothermal environments in the Greater Yellowstone Ecosystem.

Optical Technology Center is a multidisciplinary center at Montana State University, offering opportunities for students, faculty, industry and other interested partners to learn and work together to find solutions to practical problems and to discover new applications for optical technology.

Center for Biofilm Engineering (CBE's) mission is to advance fundamental interdisciplinary research and education related to the management of bacterial biofilms, and to transfer that knowledge to the realm of applied science and technology.

Subzero Science and Engineering Research Facility is a unique and state-of-the-art suite of laboratories used to study the effects of the cold on projects across many scientific disciplines.

Image and Chemical Analysis Lab (ICAL) provides analytical facilities for the physical, biological and engineering sciences. These facilities are open to both academic researchers and the general public. Laboratory instrumentation is dedicated to the characterization of materials through high resolution imaging and spectroscopy.

BOZEMAN, MONTANA

Museum of the Rockies

Home to one of the largest and most famous collections of dinosaur fossils in the world. Along with its dinosaur collection, this museum also maintains a strong traveling exhibit program, bringing in collections and exhibits that have been shown at some of the most well known museums in the country.

American Computer & Robotics Museum

Not just for computer geeks (though they'll love it too), the American computer & Robotics Museum in Bozeman offers a fascinating look into the rich history of computing, with exhibits on hacking the German Enigma machine, artificial intelligence and the history of the Apple Computer Company. The museum earns rave reviews with visitors for being both compact and comprehensive. Admission is free with donations welcome.

Music on Main

Music on main is a weekly summer concert series put on by the Downtown Bozeman Association and held in Bozeman's Historic Downtown. The event hosts local vendors and nonprofit booths while hosting outstanding music by local and regional bands.

Sweet Pea Festival

The Sweet Pea Festival is a three day festival of the arts held the first Friday, Saturday and Sunday in August. The weekend entertainment comes in many forms: music of all genres, performances by local theater and dance troupes, workshops, family - friendly entertainment and activities, a flower show, a beer and wine garden featuring Montana microbrews, as well as over 100 arts and crafts vendors.

Element Film Festival

Element Film Festival Specializes in student produced and/or directed short documentaries. The categories include science, natural history, and cultural/social issues concerning science and natural history.

Held every year in Bozeman Montana, EFF is produced by graduate students who are attending the Science and Natural History Filmmaking program at MSU.



TOP TRAIL TOWN

BOZEMAN NAMED 1 OF 7
TOP TRAIL TOWNS BY
TRAIL RUNNER MAGAZINE

30

trailheads within an
hours drive



3 big rivers

famous for
whitewater, fly fishing,
history & Hollywood films

GALLATIN
MADISON
YELLOWSTONE

APPROX. POPULATION OF
40,000

BOZEMAN'S No. 1 DAY TRIP
- 89 MILES -

YELLOWSTONE
AMERICA'S FIRST NATIONAL PARK