Montana Space Grant Consortium (MSGC)/ Space Public Outreach Team (SPOT) / Turning Eyes to the Big Sky Project – The Space Public Outreach Team (SPOT) provides FREE presentations about current NASA missions to Montana schools, youth programs, and community groups. This year there are two SPOT shows available: Eye on the Big Sky and Roadside Geology of the Solar System. The interactive SPOT presentations utilize slides, videos, animations and an inquisitive approach to relay the excitement of new discoveries in space science. NASA research and careers here in Montana are highlighted in each show. Presentations can be done in a classroom or assembly setting, and each show lasts approximately 45 minutes. Participating teachers receive lesson plans, activities, brochures and other materials they can use in their classrooms.

Casey Kanode
spot@spacegrant.montana.edu
http://solar.physics.montana.edu/spot/

Center for Bio-inspired Nanomaterials (CBIN) / Chemistry – Biochemistry Outreach Programs – We can provide research scientist speakers and activities to support school curriculum in a variety of chemical and materials topics. We can provide programming for fieldtrips to MSU. Past trips have included: high school honor’s chemistry programs, middle school class visits to explore viruses, elementary Nano-Days activities.

Jennifer Douglas
jenwdouglas@gmail.com
http://www.chemistry.montana.edu/

Montana PBS - offering Mission US, a virtual learning experience for 4th-8th graders about the Boston Massacre!

Christin E Seifert - Director of Educational Services, MontanaPBS
christin@montana.edu
www.montanapbs.org

Extended University - Burns Technology Center - Extended University's Burns Technology Center supports educational technologies and public outreach for the Montana State University campus. We provide videoconferencing, Webinar and multimedia development services to MSU and the public, and work with MSU research centers to provide outreach programs such as Science Saturdays, Expanding Your Horizons, MSUSciZone and NASA in the Northwest. Access MSU kids’ activities, educational Websites and classroom resources at http://eu.montana.edu/outreach

Sarah Rieger
ExtendedU@montana.edu
http://eu.montana.edu

National Teacher’s Enhancement Network (NTEN) – is a program of MSU Extended University offering online, graduate-level science courses designed for K-12 and community college teachers. Courses are offered each semester in biology, chemistry, astronomy and many other disciplines. NTEN also offers professional resources for teachers.

Margaret Worob
nten@montana.edu
http://eu.montana.edu/NTEN/

MSU Online - Montana State Online offers MSU’s high-quality degrees, courses and certificates in a distance learning environment. New programs include a Master of Science degree in Agricultural Education; a 12-credit graduate certificate in Native American Studies, and a Licensed Addiction Counseling program, as well as MSU’s largest graduate program, Master of Science in Science Education (MSSE). MSU Online is a program of Extended University.

Margaret Worob
margaret.worob@montana.edu
http://eu.montana.edu/online

Extended University – Continuing and Professional Education - Extended University's Office of Continuing and Professional Education offers credit and non-credit programs for adults, including software training, international programs, Wonderlust lifelong learning, and many professional courses ranging from online marketing to business sustainability to leadership.

Nicole Soll
ContinuingEd@montana.edu
http://eu.montana.edu/professional

To receive bi-monthly email updates, visit http://bit.ly/Eunewsletter or follow us on Twitter @MSUExtendedU
American Indian Council – AIC engages with MSU students, schools & the community through events & educational opportunities, including the annual MSU Pow Wow.
Jim Burns
jburns@montana.edu
www.montana.edu/wwwnas/club

College of Engineering EMPower (Engineering Minority Program) - FIRST Robotics, Outreach to K-12 teachers on engineering.
Sheree Watson
swatson@coe.montana.edu
http://www.coe.montana.edu

Montana State University Library - Montana Borrower’s card for anyone who is a MT resident but not a student, faculty or staff member; can check out books, DVDs, use subscription library resources in-house, research assistance with a librarian either drop-in or by appointment.
Mary Anne Hansen, Library Liaison to Education
mhansen@montana.edu
http://www.lib.montana.edu

Electrical and Computer Engineering - Information about education and career opportunities in electrical and computer engineering; class demonstrations and tours; ways to use engineering topics to help teach math and science.
Prof. Rob Maher, Department Head
ecedpt@ece.montana.edu
http://ece.montana.edu

Division of Agricultural Education - Teacher certification in Agricultural Education. Curriculum in agriculture. Professional development for teachers. Online and on-campus Master’s degree program. Student teachers.
Carl Igo
cigo@montana.edu
http://ag.montana.edu/ageducation/

Department of Education - Our department offers cutting-edge ideas and support in the areas of pedagogy, assessment, Indian Education for All, technology, and curriculum.
Jayne Downey, Dept. Head
jdowney@montana.edu
http://www.montana.edu/wwweduc/

Astrobiology Biogeocatalysis Research Center / Thermal Biology Institute - (ABRC) is one of 14 teams that are part of the NASA Astrobiology Institute. MSU astrobiologists conduct inter-disciplinary research and education about the origins, evolution and distribution of life in the universe. The Thermal Biology Institute (TBI) conducts and promotes research and education focused on the biology and interrelated physical and chemical processes of geothermal environments in the Greater Yellowstone Ecosystem. Both centers share their work through diverse education and public outreach programs, including a Community Lecture Series, scientists in the classroom, public events, multimedia, and professional development for teachers.
Monica Brelsford
mbrelsford@montana.edu
http://abrc.montana.edu/outreach/

Master’s of Science in Science Education (MSSE) - MSSE program offers unique online and campus graduate classes for science teachers. A Master of Science in Science Education degree is available.
Diana Paterson
msse@montana.edu
www.montana.edu/msse

Museum of the Rockies - MOR provides free admission to Montana school groups that pre-arrange a visit. MOR also provides teacher resources and teaching material that correspond with our exhibits. The Museum has outreach trunks that can also be rented and used in your classroom if you are unable to visit the Museum with your students.
Nikki Dixon-Foley
ndixon@montana.edu
www.museumoftherockies.org
NSF Montana EPScoR - Montana NSF EPScoR is a statewide science infrastructure program funded by the National Science Foundation. EPScoR, which stands for Experimental Program to Stimulate Competitive Research, builds capacity across the state in science and technology, including STEM workforce development. Montana NSF EPScoR partners with outreach and educational groups such as MSU’s Extended University, Montana’s tribal colleges, the spectrUM Discovery Area at The University of Montana, and other groups to provide STEM education and outreach to K-12 teachers and students.

Martha Peters
mpeters@montana.edu
http://mtnsfepscor.org
http://hydrogen.montana.edu

Montana Watercourse - The Montana Watercourse offers tours, trunks, workshops and professional development opportunities for K-12 educators, non-formal educators, naturalists, troop leaders and any other water user.

Kathryn Watson
kwatson@montana.edu
mtwatercourse.org

Big Sky Institute - The Big Sky Institute (BSI) is an interdisciplinary science, education, and outreach institute that was created by Montana State University and like-minded members of the community to transform the role of science in our society by advancing and communicating objective and relevant place-based science and to increase the understanding and appreciation of the globally significant Greater Yellowstone Ecosystem (GYE). BSI creates and provides curricular materials and activities for the K-12 classroom. We are also launching a mentoring program which connects current graduate researchers with students in grades 5-12 to increase their inquiry-based science literacy and to prepare them for local and state science fairs.

Katie Alvin or Jessica Wiese
jessica.wiese@montana.edu
bsi.montana.edu

Project Archeology - Project Archaeology is a heritage education organization dedicated to teaching scientific and historical inquiry, cultural understanding, and the importance of protecting our rich cultural resources. We offer professional development to teachers using our high-quality educational materials that use archaeology to teach social studies, science, math and reading. Please visit our website for upcoming professional development opportunities!

Crystal Alegria
calegria@montana.edu
www.projectarchaeology.org

NSF-funded Center for Chemical Innovation (CENECI) - Currently we offer classroom visits with hands on activities for students. We talk about surfaces, interfaces, and the exciting chemistry that can happen in those regions. We can tailor the topic to match the student level from grade school through AP High School classes.

Jane Klassen
jklassen@chemistry.montana.edu
http://ceneci.uchicago.edu/

The Western Transportation Institute (WTI) organizes K-12 engineering and transportation-related outreach events. Classroom-based activities include a two-hour hands-on introduction to engineering for second and third graders. In addition, WTI hosts the Summer Transportation Institute (STI) for high school students each summer. Students accepted to the program spend two weeks living on the MSU campus and learning all about transportation planning, engineering, aviation, safety, and environmental topics through fun hands-on activities and field trips. The STI is a great introduction to college living and provides guidance on college and career planning. The program is free of charge. All room and board expenses are covered a full scholarship for accepted applicants. For more information, please contact:

Susan Gallagher
Western Transportation Institute
(406)994-6559
sgallagher@coe.montana.edu
Website: http://www.wti.montana.edu/