

Archived Information

Montana State University – Bozeman

Over 40 Montana State University – Bozeman (MSU) science, mathematics, engineering and education faculty are currently collaborating on a number of initiatives to improve the quality of K-12 teachers of mathematics and science. The campus's tradition of cross campus cooperation helps MSU to address all three goal areas established by the Mathematics and Science Initiative.

Increasing Public Understanding – Initiatives to make cutting edge research accessible to the general public - MSU's Museum of the Rockies and the Big Sky Institute (BSI) share the goal of making scientific research accessible to children and adults throughout the Rocky Mountain region, and nationally. The Museum interprets the work of world-class paleontologist Jack Horner and his colleagues for tens of thousands of visitors each year. The BSI offers numerous workshops and classes that engage research scientists studying topics like thermal biology and global climatological change in working directly with the public. MSU physics and mathematics faculty have undertaken several initiatives with NASA to provide web access to teachers and their students on current research on solar physics and other topics in astronomy. In each of these initiatives, the campus is attempting to reduce the gap between what research scientists know and what the public knows, with the intention of raising public awareness and support for research in the process.