

COLLABORATION WITH ELEMENTARY SCHOOLS

Campus	Name of Project	Partners	Purpose	Participants	#	Results
MSU-Billings	Campus tours and Preview Days	Individual students or groups: elementary, middle and high school.	Provide tour of campus; schedule visits with class or faculty in area of interest; do workshops for prospects and parents on the University and its services.	Admissions, advising, career services staff as well as faculty	Tours on demand, average 5/ week w 2 participant per tour; 5 Preview Days/year average attendance of 60 per event.	Offer more hands-on experience of the campus to prospective students and their families.
MSU-Bozeman	Wetlands Festival	MSU-LRES / Irving School	Introduce the role of water in our lives and community, subjects of insects, plant life, sedimentation	3 rd and 4 th grades and teachers & LRES	100+	Excellent interaction between researcher, students, teachers, & chaperones; hands-on in the field plant identification
MSU-Bozeman	EDEL 301- Stephanie Standerfer	Bozeman area schools	Early field experience for prospective music teachers	BME students/area schools	8-10	Give MSU students early practical experiences in public schools
MSU-Bozeman	Montana PBS – Chris Seifert; Ready To Learn Bridges Project	Greely School, Butte Chief Charlo School, Missoula	Literacy project (K-3) funded by Reading Rainbow that brought literacy resources in to the classroom	Teachers in grades K-3 in both schools	n/a	Very favorable at Greely-Bridges backpacks with books and literacy activities for families; went out via several of the K-3 classrooms (part of an ongoing relationship with Greely)
MSU-Bozeman	Montana PBS- Chris Seifert; Ready To Learn Between the Lions Literacy	Greely School, Butte	Ongoing Literacy project with an economically challenged school (has since closed down)	Teacher in grades K-3	n/a	Lots of great feedback-family literacy nights, books to classrooms, resources to teachers
MSU-Bozeman	MT Pollution Prevention Program	Extension- MT schools	Education, technical assistance and resource information	MT educators and students	~100	Students/teachers learn about the protection of air, soil, and water

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MSU-Bozeman	Native Asthma Intervention and Reduction	Montana Reservations	Helping children understand asthma triggers and take action to prevent and/or control asthma	Youth on Montana's seven reservations	~70	Asthma triggers are kept in check; youth are provided with a fun-to-complete journal to develop an asthma-reduction action plan and to record all daily aspects of their progress
MSU-Bozeman	Building Community Strengths	Extension/ CYFAR/ Reservations/ 4-H	Give limited resource youth access to technology	MT Reservation Youth	60	Youth have increased access to technology
MSU-Bozeman	Distanced Delivered Education	MSU/ Montana Reservations; Dr. Laura Massey, Dr. Janis Bullock	Implementation of Distance Delivered Education programs for early childhood educators	MT Reservation Youth	~50	Early childhood educators have the ability to continue education without leaving their communities
MSU-Bozeman	3 credit sign language course	Bozeman Public Schools	To educate sign language instructors	Bozeman Public Schools	~6	Will increase number of sign language educators in the district
MSU-Bozeman	Longfellow Field Trip	Linda Babcock, Professors from M&IE Dept.	Elementary students field trip to the M&IE Department	Students from Longfellow Elementary School & M&IE Professors	20	Field trip for students to tour labs in the M&IE department as well as the annual Senior Design Show
MSU-Bozeman	Teaching American History Grant II (awarded 2004)	Bozeman Public Schools and Gallatin County Schools	To improve the content knowledge of American History	K-5 teachers	10	
MSU-Bozeman	Christa Merzdorf	Morning Star Elementary School Kindergarten Class	Introduction to thinking about science and thinking scientifically (microscopy and amphibians)	Kindergarten	18	Curriculum enhancement, excitement about science

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MSU-Bozeman	Introductory Robotics	MSU CCB & CBN; Bozeman area elementary schools	Introduce elementary school children to principles of engineering and computer science through hands-on introduction to robotics (Lego Robo Lab)	Alex Dimitrov (MSU), Jim Bruggeman (Irving), Jill Schaunaman (PEAKS)	30	Kids love this program, while learning programming and engineering skills
MSU-Bozeman	ICAL Equipment Demonstrations/ Lab Tours	Various Bozeman Schools	To provide personal experience with scientific equipment	3-5 th grades	60+ /year	Curriculum enhancement
MSU-Bozeman	MT Space Grant Consortium- SPOT (Space Public Outreach Team)	Various Montana Schools, MOR	Present information about the Mars program to students	Students, teachers	1058	Excellent Interactions between MSGC presenters & teachers/students; requests for return engagements
MSU-Bozeman	MT Space Grant Consortium- Project Aria	Various Montana Schools	Provided a cost-free opportunity for students to fly and compare non-biologic experiments on a near-space high-altitude balloon above Antarctica; coordinated by Washington Univ. in St. Louis	Students, teachers	65	Although there were some problems with winds and balloon recovery, the students were excited about the program
MSU-Bozeman	MT Space Grant Consortium- NASA Explorer School	Poplar Middle School	Provide additional funding; participate in teacher workshop; provide professional resources	Grades K-4	354	Approximately 50 teachers attended a workshop in which MSGC presented two sections; MSGC also coordinated the participation of a Broker/Facilitator from Washington
MSU-Bozeman	Antarctic Weddel Seal	MSU/NSF	Outreach science education	Garrott/ Rotella et al. and students	Many	Email correspondence, on-site visits and material development

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MSU-Bozeman	COMET Project (Creating Opportunities in Mathematics for Excellence in Teaching)	Montana Office of Public Instruction administering federal funds from No Child Left Behind program (\$230,000 this year, \$320,000 anticipated next year). Agency Receiving Grant: Montana Council of Teachers of Mathematics Co-PI: Jean Howard, Jennifer Luebeck	To advance the math content preparation of K-12 teachers in Montana, particularly those in underserved areas.	K-12 schools in Browning, Hart Butte, Hardin, Lodge Grass, Pryor, Troy, and Helena (other districts may apply after these areas are served)	K-12 teachers, 75 in all, in three grade band groups of 25	10-day institute in Summer 2005, 5-day institute in Summer 2006, workshops, observations and site visits, videotaping and in-class activities through AY 04-05 and AY 05-06
MSU-Bozeman	MLS 470- Bridget Kevane	Bozeman area K-5	To offer students in K-5 Spanish language instruction min. of once a week (in conjunction with Prof. Bridget Kevane of the ML Dept. at MSU and Sally Sanchez, director of Language Program at Morning Star School)	Advanced Majors in Spanish/ K-5 students	10-15 majors/ approx. 300 K-5 students	Overwhelmingly positive experience for all involved. This helps replace the K-5 foreign language program that was the victim of budgetary cuts in the late 90's
MSU-Bozeman	Museum of the Rockies Education Outreach Trunks	Bozeman Schools	Educational Enrichment	Approx. # Students, teachers, & parents	980	Curriculum enhancement
MSU-Bozeman	Museum of the Rockies Education Outreach Trunks	Other Montana Schools	Educational Enrichment	Approx. # Students, teachers, & parents	3190	Curriculum enhancement
MSU-Bozeman	Museum of the Rockies school tours and special classes	Bozeman Schools	Educational Enrichment	Approx. # Students, teachers, & parents	1454	Curriculum enhancement
MSU-Bozeman	Museum of the Rockies school tours and special classes	Other Montana Schools	Educational Enrichment	Approx. # Students, teachers, & parents	4640	Curriculum enhancement
MSU-Bozeman	Co-Op		To interest K-12 Students in health careers	Students in reservation schools	345	Co-Op staff have had contact with 345 K-12 students as a part of the Kids Into Health Careers Initiative within the Co-Op grant

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MSU-Bozeman	STAR Program	Emily Dickinson	Tutor 2 nd grade readers	MSG Fullerton	1	Improved student's reading
MSU-Bozeman	Flag History/ Protocol	Gifted/Talented	Improve National Pride/ Patriotism	MSG Kolb	1	Students learned how to put up and take down then fold U.S. Flag
MSU-Great Falls of College Technology	Bridges & Dams: Exciting Young Girls About Engineering	Western Transportation Institute; Civil Engineering; Engineering Information Foundation; Girl Scouts; Bozeman Elementary Schools; Schools in N. Cheyenne & Crow Tribal regions, Children's Museum of Bozeman	To increase recruitment & retention of female engineering students through interactive workshops with 2 nd -3 rd graders on basic civil engineering concepts.	Female MSU undergrad and graduate engineering students (facilitators); Brownie troops; 2 nd -3 rd graders from local and tribal schools	24 MSU students ~370 children	Popular program with both facilitators and participants. Requests from teachers/troop leaders for more activities of this kind for diverse age groups.
MT-Tech of The University of Montana	America Reads / America Counts	Kennedy and Margaret Leary schools in Butte and in Deer Lodge	Help students who perform below grade level in math & reading	Students identified by teachers as performing below grade level	80	60% of participating students perform at grade level by end of year.
MT-Tech of The University of Montana	Regional Science and Engineering Fair	23 schools from region	Encourage students' scientific research interests.	5 th and 6 th graders.	300	Students learn basic steps of scientific investigation, presenting technical information.
MT-Tech of The University of Montana	Expanding Your Horizons	Butte, Anaconda, Whitehall, Boulder, Helena, Ennis Twin Bridges, and Deer Lodge Elem.	Give career information & interaction with positive role models working in science and math careers	6 th grade students	100	Motivates students, gets accurate info about careers in sci/math, not usually sought by women.
MT-Tech of The University of Montana	Hands-On Math and Science Workshops	Elementary schools in Butte, Anaconda, St. Ignatius, Lincoln, Brady, and Browning.	One-day field trips, focused on math/sci, environment, technology, for interested schools	Elementary students, Tech Faculty, Student Groups	2,600	Off-site activities to augment lessons w/o expenses of field trips- travel, fees, speakers.

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UM-Missoula	Addiction Prevention Service Learning Project	Three Missoula public schools- Franklin, Hawthorne and Porter Schools	Flagship program to teach UM-Missoula students about addiction prevention by serving K-12 students through school based programs	Students in three public schools who are in addiction studies courses each spring.	45 UM-Missoula students; 45 K-12 Students	UM-Missoula students learn about youth, addiction, and prevention. K-12 students benefit from 20 hours of time with UM-Missoula students.
UM-Missoula	Academy of Students of Pharmacy Poisoning Prevention	Missoula School District #1; Florence	Provide poisoning prevention education for K-12	Pharmacy students (ASP members)	195	Young students enjoyed program. Pharmacy practice students got to teach youngsters.
UM-Missoula	Saturday Academy	12 different elementary schools	Preliminary Education	School of Pharmacy and Allied Health Science	30	Expose students to hands-on science
UM-Missoula	Curriculum & Instruction 455 – Course I & II	Kalispell Montessori School	Prepare early childhood teachers in Montessori education	Early childhood educators	10	Two 5-credit courses submitted and approved as part of the Curriculum & Instruction curriculum
UM-Missoula	Curriculum & Instruction 455	Missoula County Public Schools	Teach new reading techniques	Elementary teachers	27	Approved for 1 semester credit
UM-Missoula	Curriculum & Instruction 555 – Courses I, II, III	Pablo Elementary School, Missoula County Public Schools, School District 30 (Ronan)	Teacher Education	Teachers, Administrators, Staff	40	All courses approved for Curriculum & Instruction credit at UM-M
UM-Western	Professional Development School (PDS)	Butte K-8 Schools	Improve teacher training, increase professional interactions between UMW and public schools.	Students in UMW Elementary Education do part of training in Butte at the PDS	Approximately 20 students per year	High student satisfaction. Improved Education of program graduates

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Flathead Valley Community College	Seussville University	Local elementary schools (different group of Flathead Valley public and private schools each semester)	To promote literacy and love of reading	Local third grade students and teachers, FVCC Service Learning staff, FVCC AmeriCorps staff, FVCC students	200 third grade students, 30 FVCC student volunteers	Increased awareness of FVCC for elementary students and teachers. Leadership skills building for FVCC students. Promotion of America Reads Program
Flathead Valley Community College	Kids' College	Local elementary schools	To provide summer educational courses for elementary school children	Flathead Valley elementary students	350 students	Increased awareness of FVCC. Enrichment programs for Flathead Valley children
Flathead Valley Community College	AmeriCorps Programs: America Reads America Counts	Edgerton, Evergreen, Hedges, Helena Flats, Muldown, and Russell Elementary Schools	To recruit and train college student volunteers to tutor K-12 students identified as needing math and/or reading assistance	FVCC Service Learning staff, FVCC students, K-12 students and teachers, Program Coordinators	35 students and volunteers	60% of participating students are performing at grade level by the end of the school year.
Flathead Valley Community College	Work Study Reading and Math Tutors	Local elementary schools	No Child Left Behind	Elementary students	20-100	Increase skills up to grade level
Flathead Valley Community College	Lakeside Reading Buddies	Lakeside Elementary students	To improve students' self-confidence and reading skills	FVCC Service Learning, FVCC student volunteers, Lakeside Elementary students, teachers, PTA, and school board	6 FVCC student volunteers, 50 Reading Buddy volunteers, 50-70 Lakeside Elementary students	Improvement in the self-confidence and reading skills of Lakeside Elementary students
Flathead Valley Community College	Service Learning Program	Local elementary schools	Meet community needs and enhance students' academic leadership skills	FVCC Service Learning office, FVCC students, K-8 students and teachers	50 students	FVCC Service Learning Program enhances the academic learning received by students in the classroom, while creating almost 750 volunteer hours for local schools.