

MSU INVESTMENT PROPOSAL FOR INSTITUTIONAL PRIORITIES

PROPOSAL OVERVIEW

Title	Laboratory & Technology Inspection/Support Program	Request Date	November 7, 2011
Department	Safety & Risk Management	Email	shada@montana.edu
Requestor	Jeff Shada	Phone	994-3546

STRATEGIC ALIGNMENT

**Core Themes
and Objectives
(check all that
apply)**

Educate Students

- Our graduates will have achieved mastery in their major disciplines
- Our graduates will become active citizens and leaders
- Our graduates will have a multicultural and global perspective
- Our graduates will understand the ways that knowledge & art are created and applied in a variety of disciplines
- Our graduates are prepared for careers in their field
- We will provide increased access to our educational programs
- Communities and external stake holders benefit from broadly defined education partnerships with MSU

Create Knowledge and Art

- Students, faculty, and staff will create knowledge and art that is communicated widely

Serve Communities

- We help meet a fundamental need of the citizens of Montana by providing degree programs for our students
- We help meet the educational needs of the citizens of Montana by providing a wide range of educational opportunities to a variety of students
- Our students, faculty, staff, and administrators reach out to engage and serve communities
- Our students, faculty, staff, and administrator reach in to build the university community

Integrate Learning, Discovery, and Engagement

- Each graduate will have had experiences that integrate learning, discovery and engagement
- Outreach activities will educate students and address the needs of the communities we serve
- Students, faculty, and staff will create knowledge and art that addresses societal needs
- MSU is a community that will be characterized by synergy within and across disciplines, roles and functions.

Stewardship

- The public trusts the institution to operate openly and use resources wisely
- The faculty and staff are well-qualified and supported
- MSU will support Native American students, programs, and communities
- MSU will be an inclusive community, supporting and encouraging diversity
- Our publicly provided resources are used efficiently and effectively
- Natural resources are used efficiently and sustainably
- MSU nurtures a culture of resource conservation and ecological literacy among students, faculty and staff
- Our physical infrastructure (e.g., building, equipment, open spaces) will be well-maintained and useful

INSITUTIONAL BENEFIT

Campuses Bozeman Billings Havre Great Falls FSTS Extension MAES

Cross Depts Please List: All Academics Programs with Experiential Course Requirments/Offerings

TIMEFRAME

Proposed Dates Start: July 12, 2012 End:

COST AND REQUIREMENTS

Funding Type	One-Time (\$)	Multi-Year (\$)			Base (\$)	FTE
		Year 1	Year 2	Year 3		
Personnel (w/benefits)					112,750	2.0
Materials & Supplies						
Travel					2,500	
Contracted Services						
Capital					2,500	
Other Operations					3,500	
TOTAL					121,250	

The cost scheduled above are the estimated costs for the addition of two qualified staff members having formal education and backgrounds in chemical safety, laboratory safety, chemical hygiene and safety and health engineering.

Based on current laboratory activities, s.f., FTE, materials, etc, projected responsibility and resulting benefit is estimated to be:

- 30% Instructional Oriented
- 70% Research Oriented

Please comment, if necessary, regarding cost and requirements.

PROPOSAL SCOPE

Describe the Proposal

The 2.0 FTE will be assigned to the Laboratory and Technology Inspection and Support function to established a regular and revolving laboratory and science/technology workplace inspection and consultation program.

The duties and responsibilities will include, but not necessarily be limited to: laboratory safety audits, chemical inventory development, laboratory processes review and incident review and safety training.

Program administration will be designed to provide services to the MSU Bozeman, Billings, Great Falls, and Havre Campuses.

There are in excess of 200 laboratories on the MSU Bozeman campus @ 2 lab inspections per year plus periodic/consistent follow up visits/assistance. Plus assistance to Havre, Billings & GTF for periodic lab inspections & HAZMAT assistance.

PROPOSAL SCOPE

Describe the broader impacts and benefits of this proposal

The Laboratory and Technology Inspection and Support program is designed to facilitate a safer and more compliant teaching and learning environment. Student academic and institutional research enhancement will be the primary goal of this investment.

A safer and more compliant laboratory and technology teaching environment is more efficient and contributes to more successful student and research mission outcomes. Safety and compliance are increasingly the benchmarks upon which continued success in research and discovery programs are evaluated. Granting agencies more frequently utilize safety and compliance in the proposal review and approval process.

The need to objectively address laboratory safety issues is evidenced through the recent initial focus of the MSU Environmental Health and Safety Committee. This need is also evidenced through current national incidents resulting in increased emphasis upon the critical analysis of laboratory incidents. The recent filing of criminal charges against faculty for failing to implement appropriate laboratory safety controls is also supportive of increased laboratory safety efforts.

ADDITIONAL INFORMATION

Implementation Plan *(Please describe with timelines)*

January 1, 2012 to April 1, 2012

Role descriptions developed for Lab/Tech Inspections and Support positions.

May 1, 2012 to June 30, 2012

Develop Inspection and Activity Schedules

July 1, 2012

Initiate activities with newly hired 2.0 FTE

Assessment Plan *(Please describe with indicators)*

Formative assessment will be conducted by the SRM Director and the MSU EHS Committee

Inspections, exceptions, and corrective actions will be reviewed.


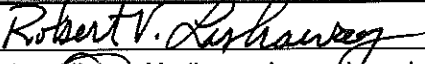
Laboratory incidents will be reported to and reviewed by EHS Committee.

Compliance exceptions and corrections will be tracked over 12 to 24 months time periods. Recurring exceptions will be evaluated and "root cause" analyses will be conducted and reviewed by EHS Committee.

If assessed objectives are not met in the timeframe outlined, what is the plan to sunset this proposal?

Prevention and compliance efforts are often more closely evaluated with formative measures. Reliance solely upon summative measures can be influenced by 'chance' occurrences.

In consultation with the MSU EHS Committee, the SRM Director may take action to reduce the programs's scope and/or frequency of activities, however reducing or eliminating program activities cannot occur, rather a shifting of these duties and responsibilities from the multi-campus resources to individual managers and principal investigator will likely need to occur.

SIGNATURES		
Department Head (please print)	Signature (required)	Date
Jeff Shada		1-11-12
Dept Head Priority (please circle one): Very High <input checked="" type="radio"/> High Medium Low Very Low		
Dean/Director (please print)	Signature (required)	Date
Robert Lashaway		01-11-2012
Dean/Director Priority (please circle one): Very High <input checked="" type="radio"/> High Medium Low <input checked="" type="radio"/> Very Low		
Executive/VP (please print)	Signatures (required)	Date
Terry Leist		
Executive/VP Priority (please circle one): Very High High Medium Low Very Low		