




University of Idaho

McCall Learning Center

A place to learn in the mountains

Presentation outline:

- Future Program Vision
- Future Facility Vision
- Current Operation
- Development Ideas

University of Idaho

McCall Field Campus

A place to learn in the mountains

McCall Learning Center (MLC) Vision

We envision a sustainable society whereby a well-informed citizenry makes decisions based on their willingness and ability to investigate effectively, think critically, and work collaboratively while seeking solutions to complex societal and environmental issues.




University of Idaho

McCall Field Campus


A place to learn in the mountains

MFC Mission

Expand the capacity and delivery of the University of Idaho's land-grant mission of education, research and outreach ¹ through a state-of-the-art field campus facility.



¹ Outreach is the transfer and exchange of knowledge and experience between the university and society. Outreach permeates all parts of the university's mission of teaching, research, and extension/public service. It provides knowledge and leadership to enhance the growth and development of individuals, communities, businesses, and the greater society, and in turn provides society a means to communicate its needs to the university (UI Strategic Plan).




University of Idaho


McCall Field Campus

A place to learn in the mountains

Proposed MFC Program Elements

- Graduate program: Professional Residency in EE (PREE)
- Year-round K-12 residential EE program
- University courses
- Adult/continuing education
- Professional conference/retreat center
- Professional workshops
- Sports clinics and events
- State/Federal educational programs








University of Idaho
McCall Field Campus
A place to learn in the mountains

Table 1. Market Segments by Day of Week and Season

Time of Year	Day of Week	
	Weekday	Weekend
School Year	K-12 School Groups Grad. Students Teachers Parent Chaperones	Grad Students Retreat Groups Special Events Ski groups Sports Clinics
Summer/ Holidays	Academic courses Conferences Science Camps Sports Camps Retreat Groups Special Events Sports Clinics Agency Trainings	Academic courses Conferences Science Camps Sports Camps Retreat Groups Special Events Sports Clinics Agency Trainings

 Subsidized programs
  Revenue programs





University of Idaho
McCall Field Campus
A place to learn in the mountains

Proposed MFC Facility Vision

Architecture as Pedagogy:


A year-round facility in which all buildings will be constructed with sustainable materials and technology that surround both adults and children with lessons for environmentally responsible living.

University of Idaho
McCall Field Campus
A place to learn in the mountains

Proposed MFC Facility Elements


- Main Center (welcome center, bookstore, offices, and administration).
- Dining hall restoration (historically sensitive remodeling and expansion)
- Thematic educational studios, classrooms, and labs
- Sleeping lodges (beds, baths, commons)
- Equipment livery/storage
- Graduate student residence village and conference housing
- Central biofuel power plant
- Auditorium and conference rooms (park)
- Conference housing (park)





University of Idaho
McCall Field Campus
A place to learn in the mountains

Additional MFC Proposed Facility Elements

- Floating classroom on the lake or pond.
- Canopy tower and walkway through old growth ponderosa pine forest.
- Bird blind on the marsh.
- Tree house with a bird's-eye view of the sagebrush meadow.






University of Idaho
McCall Field Campus
A place to learn in the mountains

Proposed Green Design Elements

- Recycled, salvaged or engineered composite construction and furnishing materials
- Untreated construction materials to reduce off-gassing of VOCs
- Central biofuels heating plant using wood from state park fuel reduction projects.
- Solar-preheated water
- Passive solar gain and natural light design
- Photovoltaic roof panels and windmills
- Natural ventilation design
- Wood products milled from park fire restoration projects
- Other wood products Forest Stewardship Council (FSC) certified
- Roof rainwater collection for landscape irrigation and low-flush toilets
- Composting systems for food/plant waste
- Low-energy lighting, computers and electronics
- Integrated phone, data, and video network with wireless backbone
- Interpretation interface with green design elements





University of Idaho
McCall Field Campus
A place to learn in the mountains

Current Operation

MOSS Vision



Deliver an innovative science-based residential educational program that teaches young people about the biological, physical, and social systems in which they live, thereby will preparing them for democratic engagement in environmental and community stewardship.

University of Idaho
McCall Field Campus
A place to learn in the mountains

MOSS Goals

- Increase the scientific literacy of all Idahoans
- Increase awareness & knowledge of emerging environmental issues
- Develop skill in using scientific methods
- Increase capacity of Idaho schools to address math, science, and technology standards
- Prepare master environmental educators
- Assist coordination of EE efforts statewide





University of Idaho
McCall Field Campus
A place to learn in the mountains

MOSS Program Components

- Year-round, residential environmental science program for Idaho K-12 schools
- Graduate education and research
- Graduate residency in environmental education
- Teacher professional development
- Undergraduate education
- Public service and continuing education







University of Idaho
McCall Field Campus
A place to learn in the mountains

K-12 Residential Program



- Standards-based
- Science-based ecosystem monitoring approach
- Full-time faculty and graduate resident instructors
- Small group "team-based" study modules
- GLOBE protocol structure
- Teambuilding skills development

University of Idaho
McCall Field Campus
A place to learn in the mountains

Existing Facility

- 11-acre campus on Payette Lake within Ponderosa State Park
- Historic CCC era dining hall
- Classroom and yurt
- Lodging for 96 people


University of Idaho
McCall Field Campus
A place to learn in the mountains

Other Existing Resources

- Field campus staff (seasonal manager, assistant manager, cooks, maintenance crew)
- MOSS Program Director (2-year partnership with PCEI)
- Fundraising record (approximately \$200,000)
- Bleak endowment (approximately \$150,000)
- Annual Bleak Donation (\$25,000/year)



University of Idaho
McCall Field Campus
A place to learn in the mountains

