

ADVANCING

Montana Technological University



FEBRUARY 8, 2023





WELCOME



MONTANA
TECHNOLOGICAL UNIVERSITY

TODAY'S AGENDA



**NEW
WEBSITE**



**BUDGET
UPDATE**



**TUITION &
ENROLLMENT**



**PROVOST
SEARCH**



**DIGGER
ATHLETICS**



**FOUNDATION &
ALUMNI
ENGAGEMENT**

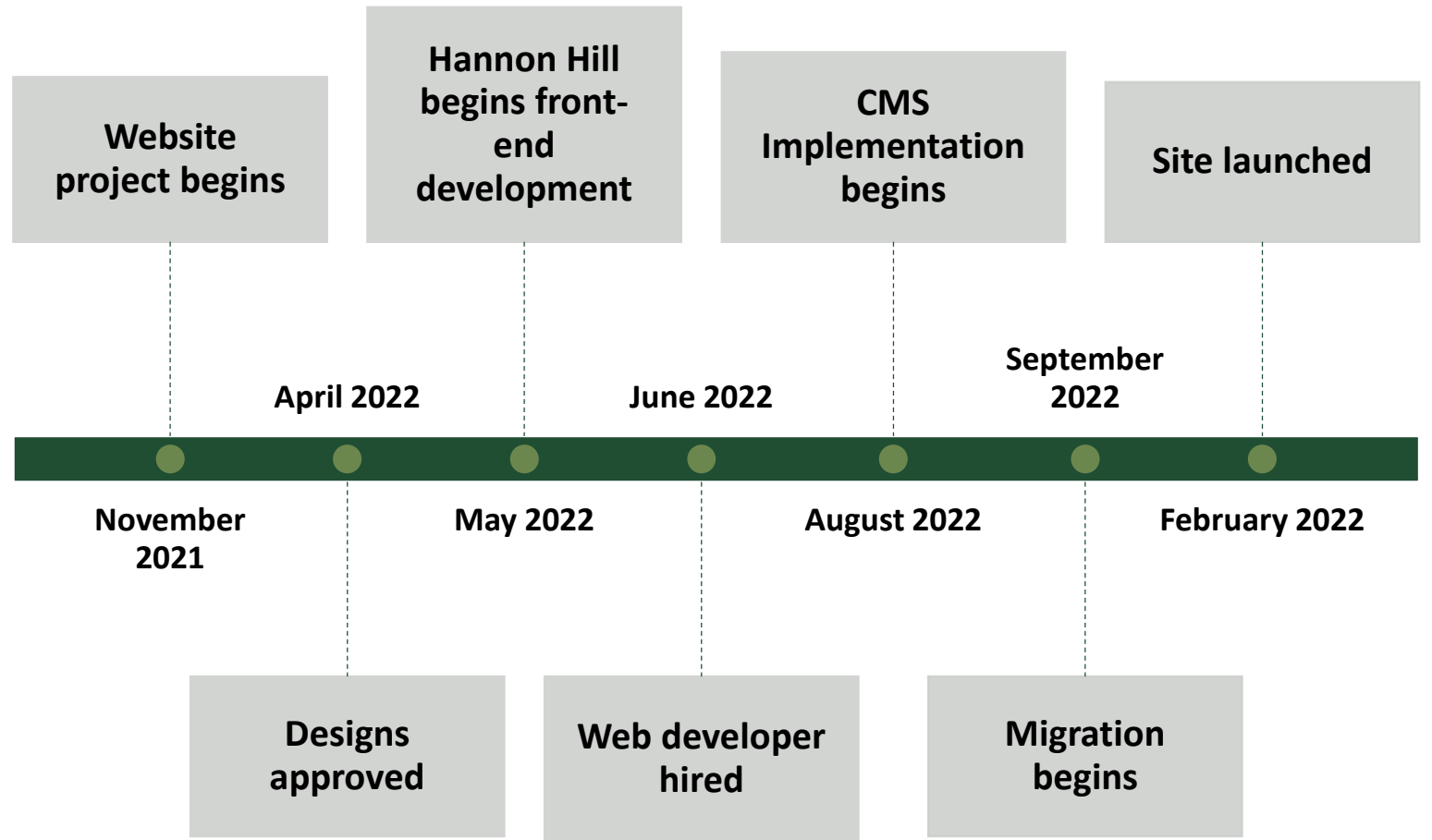
NEW MTECH.EDU



**MARKETING &
COMMUNICATIONS
TEAM**

- Lisa Sullivan, Graphic Arts Manager
- Lou Mason, Photographer, Videographer, Social Media
- Megan Strickland, Marketing & Communications Specialist
- Eddie Pantoja, Web Developer

WEBSITE TIMELINE



EXCITING ENHANCEMENTS



- Migrated over 13,000 items
- New template allows more options
- Ability to better integrate video, department news, and stories
- Navigation appears on the right under “In this Section”
- Academic degree program search tool
- Completely redesigned high level sections and academic program pages

HOME PAGE

WORLD CLASS RESEARCH OPPORTUNITIES
Find Out More About Our Employment Safety & Health

Big Skies. Bigger Ideas.
In the heart of the Rocky Mountains, Montana Technological University is a place of purpose, home to uncommon thinking, research, innovation, and ideas. With Montana as our living laboratory, we offer a top education as a leading STEM university, with strong additional programs in nursing, health, and professional fields. We are Big Skies. Every corner of our state.
Our high level research opportunity is complemented by our additional disciplines that engage, learn, and changing the world. Our passion makes their own potential fuel their passion, and that's what gives them the best for research. Right here at Montana Tech.

APPLY TODAY

- EXPLORE PROGRAMS
- WHAT SETS US APART
- VISIT MONTANA TECH
- APPLY FOR ADMISSIONS

- Bachelor Level
- Graduate School
- Certificates and Associate Degrees
- Research Office
- Information for Future Students
- Current Students

- #1 Top College in Montana for Highest Paid Graduates
- #1 BSN Nursing School in Montana
- #1 Best Value College in Montana

News

Production Assistant Course Coming to Highlands College
Monday, January 15, 2023
Academics Montana and Highlands College of Montana Tech announced today the second in-person Production Assistant Rapid Training course to take place on February 25 and 26 in Butte, Montana. This one...

Montana Tech Announces Fall 2022 Honor Rolls
Tuesday, January 17, 2023
The following Montana Technological University students have been placed on the Honor Roll, Dean's List, and Chancellor's List for the fall semester 2022 at Montana Technological University in Butte...

Applications open for NSF-funded Research Experience for Undergraduates at Montana Tech
Thursday, January 19, 2023
Applications open for NSF-funded Research Experience for Undergraduates at Montana Tech. Montana Tech is accepting applications for its 15-week summer Research Experience for Undergraduates (REU)...

MLK Read for Peace Event Coming up on January 16
Thursday, January 19, 2023
Hosted by the Montana Tech's Institute for Educational Opportunities, the Montana Campus Compact AmeriCorps, and AmeriCorps RSVP programs in Butte and surrounding areas...

Montana Tech Graduate Student Presents at North American Arctic Goose Conference
Tuesday, January 24, 2023
Montana Technological University graduate student Barry Tackler recently presented at the 2023 North American Arctic Goose Conference (NAAGC) in Aspen, Colorado. The conference, hosted by the Ar...

[Read Current News Stories \(2021 - present\)](#)
[Read Archived News Stories \(2010 - 2020\)](#)

Events

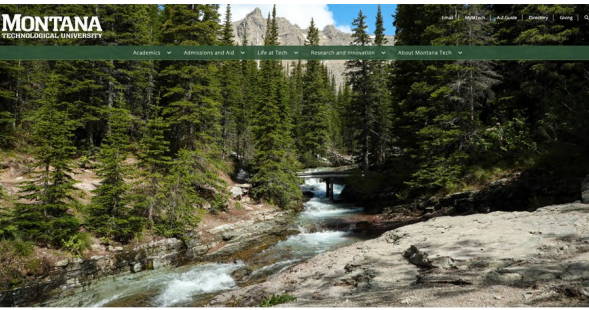
Upcoming Events

- 23** **23** **23** **23** **23**
Choir
The Sun On, 2023, Noon
Student Union Building 211 - Prober
- 24** **24** **24** **24** **24**
LEAD - Communication Skills Session
The Sun On, 10:00, 10:00 AM
Engineering Hall 301 - Classroom
- 25** **25** **25** **25** **25**
Career Lab - Interview Tips & Strategies
The Sun On, 2:00, 2:00 PM
Student Union Building 3700B - Big Boon + Highlands
- 26** **26** **26** **26** **26**
Women's Basketball vs. Providence
The Sun On, 2:00, 2:00 PM
SHS Complex - Aiken Gymnasium Court

Current campus events calendar
How to add an event to the calendar
[Academic calendar](#)
[Things to do in the area](#)
[Calendar archive \(2017 - May 2021\)](#)

- CAMPUS SAFETY
- CAREER SERVICES
- COURSE CATALOG
- LIBRARY

Old & New



Big Skies. Bigger Ideas.

In the heart of the Rocky Mountains, Montana Technological University is a place of purpose, home to uncommon thinking, research, innovation, and ideas. With Montana as our living laboratory, we offer a top education as a leading STEM university, with strong additional programs in nursing, health, and professional fields. What we do matters, today more than ever.

Your Path, Our Programs

Montana Tech may be best known for engineering and the natural sciences, but we also offer established programs in business, health professions, and other fields. Explore what you can do at Tech and where we can take you.

- Explore Our Programs
- What Sets Us Apart
- Visit Montana Tech
- Apply for Admissions

What's Happening at Tech...



Preparing the Workforce of Tomorrow

As the need for skilled labor soars, Highlands College is pumping workforce-ready graduates into the job market to be leaders in fulfilling careers.

[Read the fully story in MNews.](#)

Headlines

Production Assistant Course Coming to Highlands College
Academics Montana and Highlands College of Montana Tech announced today the second in-person Production Assistant Rapid Training course to take place on February 25 and 26 in Butte, Montana.

Montana Tech Fall 2022 Honor Roll
Montana Tech Fall 2022 Honor Roll

Montana Tech Announces Spring 2022 Honor Rolls
Montana Tech Announces Spring 2022 Honor Rolls

[See all news >](#)

Events

HOLIDAY (PRESIDENT'S DAY)
Mon, Feb 26, 2023 12 AM

40-DAY METERIAS FRESHMAN AND HIGHLANDS
Tue, Mar 07, 2023 12 AM

Spring break begins
Mon, Mar 13, 2023 12 AM

[Academic calendar >](#)

- America's Top College
- Top STEM School
- Best Bachelor's Degree College

Making STEM Cool

At Montana Tech, we've been making STEM cool since before anyone else even knew what it was.

- Research & Library Resources**
Access valuable digital databases, maps, atlases, and historical journals of geological and mining resources dating back to the 1800s. Some of our valuable resources, including maps from the Montana Bureau of Mines and Geology, are housed only on Montana Tech campus.
[Find Out More at Your Fingertips.](#)
- Invest in Orediggers**
The Tech Vision Student Aid Fund helps recruit new Orediggers and provide funds to take care of our current students. Our goal is to give \$150,000 annually to impact 50-75 students and right now gifts to Tech Vision are being matched 1:1 up to \$80,000.
[Find Out More and Make a Gift.](#)

GRADUATE ADMISSIONS



- Graduate School Admissions
- Apply
 - US Requirements
 - International Requirements
 - IH Distance Learning Professional Track
 - MPEM Requirements
 - Interdisciplinary Master of Science
 - Returning Students
 - Graduate Non-Degree Application
- Tuition and Fees
- Admission Status
- Financial Assistance - Montana Tech Grad School
- Admitted Graduate Students

Graduate Admissions

(This application is for Master's and Ph.D. applicants only. First time college students should use the [Undergraduate Admissions](#) page.)
 Montana Tech is an ideal place for you to pursue a graduate degree. Our personal size means dedicated faculty with stellar professional backgrounds and wide-ranging research interests will mentor you in whatever program you choose. You will benefit from our state-of-the-art labs and equipment and outdoors in Big Sky country.
 Here's how you can start your Montana experience right here with us.

Apply Today

You can apply to Montana Tech Grad School online here or request a paper application here.

Explore Our Catalog

Find out your many options for pursuing your own path in a Montana Tech graduate experience. Explore our catalog.

Request Information

If you need to know something more specific, let us know and we'll be in touch. Request more information.

Old & New

Graduate School Admissions Procedures

We hope this page answers your questions, but please e-mail GradSchool@mttech.edu or call 406-496-4256 if you need more answers or information.

Priority Deadlines

Applications received after these deadlines will be considered if space is available.
[Deadlines for international applicants may be found here.](#)

To begin study in:

Fall Semester

- January 1, Materials Science Ph.D. (Fall semester admittance only)
- January 1, Earth Science and Engineering Ph.D. (Fall semester admittance only)
- March 1, For best consideration for financial support for all programs
- March 1, Petroleum Engineering, General Engineering and Geoscience
- April 1, Industrial Hygiene Professional Track (distance learning)

Spring Semester

- October 1, For best consideration for financial support for all programs
- October 1, Petroleum and General Engineering
- October 1, Industrial Hygiene Professional Track (distance learning)

Summer Semester

- April 1, All Programs

Have Questions?
 Contact Our Graduate Admissions Department



Jesse Taylor
GradSchool@mttech.edu
 406-496-4781



Interdisciplinary and Collaborative Culture Applied Projects with Local and Global Impact Ample Assistantships Available w/ Tuition Waiver, Stipend

Welcome to the Graduate Admissions Office!

Montana Tech's Graduate School is home to 22 master's degree programs and specializations, as well as three Ph.D. programs, that reflect the university's long, accomplished history of education in engineering, mining and metallurgy, natural resources, industrial hygiene, and professions.
 Montana Tech's graduate degrees focus on research and academic excellence. Our alumni are at the forefront of their industries and academic fields. Most programs have 100 percent placement rate into high-paying, in-demand STEM careers.

Hands-on experience is a requirement of all of Montana Tech's degree programs. Our renowned faculty are on the forefront of groundbreaking research. They regularly receive funding from the nation's best scientific organizations, including the Army Research Lab and National Science Foundation.

- Apply for Admissions
- Send an Email
- Explore Our Catalog

Admission Credentials Checklist

Domestic Students

Application Fee ✓
 A non-refundable check or money order payable to Montana Tech in the amount of \$50.00 must accompany the application. Your application will be processed when the fee is received.

Transcripts ✓
 Official transcripts are required from all undergraduate and graduate schools attended. Contact the Registrar at previous schools and request official transcripts be forwarded directly to the Graduate School Office. At least one transcript must include evidence of receipt of Bachelor's degree. Transcripts marked "issued to student" are not acceptable.
 If your undergraduate education took place outside of the U.S., you are responsible for having your transcripts evaluated on a course-by-course basis by one of these organizations:
 • Educational Credentials Evaluators, Inc. (ECE) www.eces.edu
 • World Education Services (WES) www.wes.org

An undergraduate GPA of 3.0 or above is required for full admission. For provisional admission status, an undergraduate GPA between 2.7 and 3.0 is required. For provisional probationary status, an undergraduate GPA between 2.5 and 2.7 is required. For students who have completed graduate work or post-baccalaureate study with a GPA above 3.0, exceptions can be considered.

Personal/Professional Statement ✓
 Include a typewritten statement outlining academic and professional goals and how they relate to the chosen field of study.

Letters of Reference ✓
 Three references are required for admission. Reference forms must be sent to the Graduate School Office directly from the reference. If sent by applicant, place forms in a sealed envelope with the reference's signature over the seal.

Graduate Record Examination (GRE) ✓
 General Test Scores are not required for applicants from ABET-accredited or US-regionally accredited institutions. GREs are also not required for any applicants to the Mining Engineering Program. All other applicants should instruct [Educational Testing Service](#) to submit official scores to the Graduate School Office, Montana Tech's School Code is 4487.
 Instruct [Educational Testing Service](#) to submit official scores to the Graduate School Office, Montana Tech's School Code is 4487.

Financial Assistance ✓
 If applying for Graduate Teaching Assistantship, tuition waiver, or Graduate Research Assistantship, submit Financial Award Application with the Admission Application. You may also refer to the [Financial Awards](#) page for more information.

Montana Residency ✓
 Please refer to the [Montana Board of Regents Policy](#) regarding Montana residency.

Immunization Records ✓
 An official record of immunization against Rubella and Measles (two doses of MMR) is required by Montana State Law before registration for all students born after December 31, 1956. This record must include dates of immunizations and physician's or nurse's signature or initials.

Non-Domestic Student

Additional Program Specific Requirements

Returning Students

Non-Degree Seeking Students

Priority Deadlines

Fall Deadlines
 See priority deadlines for fall admission into Montana Tech's Graduate School.

Spring Deadlines
 See priority deadlines for spring admission into Montana Tech's Graduate School.

Summer Deadlines
 See priority deadlines for summer admission into Montana Tech's Graduate School.

Apply Today

You can apply to Montana Tech Grad School online, or request a paper application.

Submit your application

Explore Our Programs

Find out your many options for pursuing your own path in a Montana Tech graduate experience.

Find the right program for you.

Connect to Research

Learn more about our research specialties and connect with faculty.

See open positions.

Fund Your Experience

Assistantships provide financial aid to students in exchange for teaching or research responsibilities.

Apply for Assistantship.

Tuition & Fees

See the approximate tuition and mandatory fees costs for programs in the Graduate School.

Total your cost.

Financial Aid

Learn about assistance for Graduate students, including teaching and research assistantships.

Connect with Financial Aid.

Admitted Students

Congratulations! We are excited you will be joining us.

Find out what to do next.

Graduate Catalog

The Graduate Catalog contains most information about courses required to earn a graduate degree.

Plot your course to graduation.

Graduate School

See what programs and opportunities the Graduate School offers.

Learn more.

Graduate School Office
 Current Students: (406) 496-4102
 Prospective Students: (406) 496-4781
GradSchool@mttech.edu

Connect with us.

Apply today

RESEARCH



Research
Welcome to Montana Tech's Research Office

New Research Initiatives

Montana Bureau of Mines and Geology Geohazards Program Awarded Grant from the National Earthquake Hazards Reduction Program

The Montana Bureau of Mines and Geology Geohazards Program was recently awarded a grant (FY 2022) from the National Earthquake Hazards Reduction Program and FEMA Individual State Earthquake Assistance through the Montana Department of Emergency Services. The project will identify geologically active faults and subsides in Powell County using new LiDAR data. This investigation will create new peer-review published maps and an interactive online database. These maps will provide references for mitigation strategies, and recommendations for more detailed study. New datasets of active faults will allow the US Geological Survey to include them in the next update to the National Science Hazard Maps.

A significant component of this proposed study will be the creation of online databases that can be accessed and downloaded from the MBMG Geohazards website. These databases will be made available as ESRI online map view data repositories with accompanying educational products such as Quaternary Faults Inventory, Landslides Inventory, Landslide Susceptibility, and LiDAR data. These online products will integrate GIS maps and databases for Powell County and previous results from Jefferson and Deer Lodge Counties (FY 2021 funded project). A long-term research plan of the MBMG is to use online map-view data repositories to display and share geohazards information as new LiDAR become available across the state of Montana.

In addition, the MBMG will disseminate results from this study past and future geohazards projects through an annual Montana Geohazards Workshop to be held at Montana Tech. This meeting will bring together geoscientists, engineers, county planners, and local and regional stakeholders from Montana and the Northern Rocky Mountain region to review recent results from geohazards projects by the MBMG, prioritize future research efforts, develop potential collaborative projects, and improve synergies between state and federal organizations to reduce risk to life and property from geohazards in Montana.

Yara Gattelin, Ph.D., Geologist and Associate Professor (MMBG) will lead the project. He will be joined by co-PIs, Michael Steiner, Professor and Director of Earthquake Studies Office (EMMG), and Gilbert Bloor, Geologist and Professor (MMBG).



Yara Gattelin, Ph.D., Geologist and Associate Professor

Montana Tech Professor Encourages Use of Weather Tracking Application

As holiday travel approaches, Montana Technological University Associate Professor Steven Galarus wants to remind the community to visit the One Stop Shop for Rural Traveler Information (OSS) web application which provides travelers in Montana, Idaho, Wyoming, Washington, Oregon, California, Nevada, Utah, Arizona, New Mexico, and Colorado with comprehensive, real-time data that can be employed in planning their trip. The web application disseminates road and weather information for travelers across the entire western U.S.

The One Stop Shop was originally developed by Galarus' former team at the Western Transportation Institute at Montana State University and has been funded by the California Department of Transportation (Caltrans) and the Western States Rural Transportation Consortium. In 2014, the project won an international award from the Intelligent Transportation Society of America. The project is now in a maintenance phase at Montana Tech, and Galarus has incorporated it into his classroom work and undergraduate research assistants assist with the maintenance of OSS.

Galarus, who teaches in the Computer Science department, added, "As holiday travel approaches and weather changes are imminent, I encourage travelers in Montana and across the entire western United States to use the One Stop Shop to get seamless updates on current and forecast road-weather conditions. The app has received over 60,000 user sessions over the past week with the recent significant snow events and has served up over 2 million roadside camera images to users from all 50 states and over 40 countries."

The One Stop Shop consists of roadside camera images, sign messages, incidents, current and forecast weather, and more. OSS is mobile friendly and works on phones, tablets, and desktop computers.

To access OSS, go to <https://www.weathermt.gov/>

For further information, please contact Dr. Galarus at 650.496.4553 or sgalarus@mtmh.edu



Steven Galarus, PhD, Assistant Professor

Montana Tech, MSU Billings, University of Montana Awarded Grant to Improve Grad Student Mental Health
Montana Technological University (Montana Tech), Montana State University Billings (MSU B), and the University of Montana (UM) were recently awarded a three-year, \$500K grant by the National Science Foundation (NSF). The grant, Mental Health Opportunities for Professional Empowerment in STEM (MHOPES), will allow these institutions to design, pilot, assess, and implement evidence-based, sustainable, and replicable strategies to improve graduate students' mental health in STEM fields.

This collaborative project is led by Montana Tech, which has graduate programs predominantly in engineering. MSU Billings brings special expertise in mental health interventions, and the University of Montana provides considerable experience in faculty professional development and additional STEM-related graduate programs.

Beverly Hartline, Ph.D., professor emerita at Montana Tech, will serve as the overall project leader. She will be joined on campus by co-PIs, Scott Risser, professor and department head of the Interdisciplinary Arts & Sciences, Charle Faught, associate professor in the nursing department, and Sue Schrader, associate professor in the Petroleum Engineering Department.

Read the full story.

See NBC Montana's coverage of this research.

Other Recent Research Initiatives

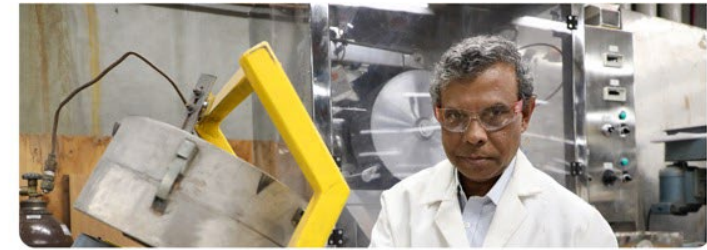
NEW LABS, CENTERS, & TOOLS AT TECH

NATIONAL & INT'L RECOGNITION

NOTABLE RESEARCH AWARDS

PARTNERSHIPS

Old & New



Montana Tech Research Office

Montana Technological University has been at the forefront of academic research since it was founded in 1900. Our campus is home to five research centers that facilitate our institution's research into a number of fields, including the sustainable extraction and utilization of earth resources; design, and manufacturing processes of advanced materials; remediation, restoration, and assessment of the environment; and biomedical science and biotechnology.

Montana Tech has a reputation for excellence. In fiscal year 2022, our research teams and centers brought in a record amount of external funding, with \$31 million awarded by leading and local agencies, including the National Science Foundation, Butte-Silver Bow government, and the National Institutes of Health.

Our institution may be smaller compared to other universities, but our reach is vast. Oredigger discoveries help shape the world in which we live, for the benefit of everyone. In our campus prospective researchers, graduate students and faculty will find tremendous opportunity on our campus nestled in the heart of the Rocky Mountains.



5 Research Centers & Entities



World-class Laboratories and Facilities



\$31 million in outside grants (2021)

Digger Discoveries



Montana Tech Enters into Historic Agreement

Montana Technological University and the Naval Undersea Warfare Center Division, Keyport, have entered into a historic cooperative research and development agreement.

See full release.



Department of Energy Awards \$700,804 to Researchers for Slag Recovery Work

The team, including graduate students, will be led by Associate Professor of Metallurgical and Materials Engineering Dr. Avimanyu Das.

Wealth-to-waste concept



Researchers to Purchase \$11 Million Transmission Electron Microscope with NSF Grant

The National Science Foundation has awarded Montana Tech \$11 million that will be used to purchase and maintain a multifunctional electron microscope.

Read more in the MT Standard.

Research Focus Areas

Research Areas

Our investigators can be separated into four fields of study, including Earth Resources; Sustainable Extraction & Utilization; Advanced Materials, Design, and Manufacturing Processes; Environmental Remediation, Assessment, & Restoration; and Biomedical Science & Biotechnology.

See areas of study and meet our researchers.

Center for Advanced Material Processing (CAMP)

The Center for Advanced Materials Processing was founded in 1989 and focuses on analytical laboratory testing, materials laboratory testing, and research program management.

Explore capabilities.

CERA

Natural resource extraction often entails environmental risks. The Center for Environmental Remediation and Assessment oversees solutions that help remedy impacts of industry.

Our work has positive impact.

MBMG

Montana Bureau of Mines and Geology geoscientists collect, interpret, and distribute geologic data used to manage Montana's water, land, mineral, and energy resources, and to assess geologic hazards.

Connect with MBMG.

UMEC

The Underground Mine Education Center give hands-on learning opportunities for courses in mining, geological, environmental and metallurgical engineering and occupational safety and health.

One-of-a-kind opportunities.

UNDERGRADUATE ADMISSIONS

Admissions and Aid

[Admissions Home Page](#)

Undergraduate Admissions

[Admitted Students](#)

[Graduate Admissions](#)

[Paying for College](#)

[Net Price Calculator](#)

[Highlands](#)

[International Undergraduate](#)

[Transfer](#)

[Returning Students](#)

[Apply Online](#)

[Admissions Team](#)

[Request Information](#)

[Student Ambassadors](#)

[Visit Campus](#)

[Virtual Tour](#)

Have Questions?

Contact:



Abby Parnell
aparnell@mttech.edu
406-496-4258

Admissions Events

Upcoming Events

JAN 31	2023 Spring Career Fair
Tue, Jan 31, 2023 6am	

First-Year Admissions

A Montana Tech education is a smart investment. But, you already knew that or you wouldn't be here, right?

You're focused on your future, and so are we. From the hands-on experience you'll gain in our labs, to the outdoor adventures awaiting you in the mountains, you'll graduate prepared for success, and top employers know it.

No pressure, but they'll be waiting.

Ready to take the next step?

Read on and learn how to start your Montana experience with us.

First-Year Admission Procedures

1. Submit your completed [Application for Admission](#)
2. Request to have your official ACT or SAT scores sent to Montana Tech

APPLY NOW TO MTU

- Test scores are optional for an admission decision. However, they are used to determine course placement and eligibility for some scholarships, so they are recommended.
 - Scores must be sent directly from the testing company using Montana Tech's school code: ACT (2418) and SAT (4487).
3. Request to have your final high school transcript sent to Montana Tech upon graduation
 - Transcripts should come directly from your high school and must include your graduation date, final GPA, and an official signature.
 - If you completed a High School Equivalency Exam, official scores must be sent to Enrollment Services with your application.
 4. Request to have any college-level credit, such as AP, IB, or Dual Enrollment sent to Montana Tech
 - Advanced Placement scores must be sent directly from College Board.
 - International Baccalaureate scores must be submitted with an official IB transcript.
 - Dual Enrollment credits must be submitted with an official transcript from the administering college or university.

✓ [First-Year Admission Requirements](#)

✓ [First-Year Admission Checklist](#)

[ANNUAL SECURITY & FIRE SAFETY REPORT NOTICE OF AVAILABILITY](#)

Old & New

Undergraduate Admissions

The Montana Tech Admissions Office supports recruitment, admissions, and initial enrollment for all undergraduate students. Choose your student type below to learn about your specific admission requirements.

First-year Students

First-year students have not previously attended a college or university and are either in their senior year of high school or have graduated within the past three years.

[Learn more and apply.](#)

International Students

International students are not citizens of the United States and have a separate set of requirements to consider for both admissions and obtaining a student visa.

[Learn more about the process and apply.](#)

Transfer Students

Transfer students have attended a university or college after graduation from high school.

[Have your transcripts evaluated and apply.](#)

Highlands Students

Interested in one of the trades and technology certification or Associate degree (2-year) programs at Highlands College.

[Get started at Highlands.](#)

Visit Us!

Personalized Visits

A visit to Montana Tech's campus echoes our student experience - personal, relevant, and totally worth the effort. Tour our campus with a current student, meet with faculty in your area of interest, and get all those burning questions answered.

[Create your visit.](#)

Now, this is Montana!

Welcome to historic Butte, located in the heart of the Northern Rockies on the Continental Divide. Easy access to hiking, biking, climbing, camping, hunting, fishing, and epic downhill, back-country, and cross-country skiing is all around us.

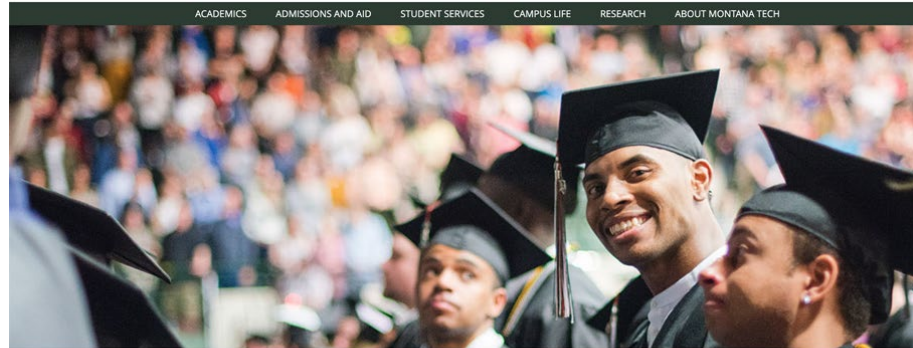
[Discover our great outdoors.](#)

Take a Virtual Tour

Can't make it to campus for an in-person visit? Get a high-resolution bird's-eye view of Montana Tech's campus, explore some residence hall rooms, see inside our high-tech labs, and more - all from the comfort of your sofa.

[Explore the campus.](#)

ACADEMIC ADVISING



- Advising
- Advising Home Page
- Advising for Bachelor's Students
- Advising for Associate's Students
- Academic Standing
- Advising Expectations for Students
- Advising Expectations for Faculty
- Additional Resources for Faculty

Academic Advising

At Montana Tech, advising is an interactive and collaborative process between you and your advisor.

By working closely with your advisor and sharing your interests, skills, abilities, and goals, you will have the opportunity to build action plans that facilitate your progress toward your degree, make decisions about your education, and reach your personal, educational, and professional goals.

Meeting with your advisor every semester to check in, register for classes, and as needed for advice and direction is one key component to your academic success. As a college student, you are empowered to make informed choices regarding your academic and career goals. We encourage you to take ownership of your education!



Please contact enrollment services if you are not sure who your advisor is. You can also find your advisor in Oredigger Web.

Enrollment Services
1-800-445-TECH
enrollment@mtech.edu
Student Success Center

- [Advising for Bachelor's Students](#)
- [Advising for Associate's Students](#)
- [Academic Center for Excellence](#)
- [Academic Calendar](#)
- [Full Withdrawal Form](#)

- [Academic Success Coaching](#)
- [Schedule Grid](#)
- [GPA calculator](#)
- [Online Resources Directions](#)
- [Declare a Minor Form](#)

Old & New

Academic Advising



Welcome Orediggers!

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Meeting with your advisor every semester to check in, register for classes, and as needed for advice and direction is one key component to your academic success. As a college student, you are empowered to make informed choices regarding your academic and career goals. We encourage you to take ownership of your education!

Associate's Advising

See Highlands College advisors for 1-year and 2-year programs.

[Connect with the right advisor.](#)

Bachelor's Advising

North Campus advisors assist students in planning for 4-year programs.

[Connect with your advisor.](#)

Student Resources

Academic Standing

Learn about standards for good standing, academic probation, and academic suspension.

[Learn more.](#)

Advising Expectations

See how often students are expected to meet with their advisor.

[See expectations.](#)

Tutoring

The Academic Center for Excellence connects students with tutors at Montana Tech.

[Learn about ACE.](#)

Faculty Guide

Faculty Resources

See the expectations for professors in advising.

[Learn more.](#)

Find Advisees

See a step-by-step guide on finding your advisees.

[Connect with advisees.](#)

FAQ

See answers to frequently asked questions.

[Learn about advising.](#)

Retention

See best practices for student engagement.

[Learn more.](#)

Suggestions

See how to best serve your advisees.

[Access suggestions.](#)

Not sure who your advisor is?

Contact Enrollment Services! You can also find your advisor in OrediggerWeb.

Enrollment Services
Student Success Center
1-800-445-TECH
enrollment@mtech.edu

[Send an Email](#)

STRATEGIC PLAN

- Mission
- Vision
- Values
- Goals
- Initiatives


Strategic Plan



Deliberately Distinct – Positioning Montana Tech for the Future Montana Technological University Strategic Plan

Deliberately Distinct summarizes Montana Technological University's new strategic plan. This plan provides a platform for fulfilling our special focus to meet the needs of our students, the state of Montana, and humanity as a whole. With a long history of success, this plan not only positions us for the future, but accelerates our commitment to students, distinctive programs, and a robust and healthy campus culture.

A student in a white lab coat is working on a complex metal structure in a laboratory setting. Another student is visible in the background.

 **Deliberately Distinct**


Founded in 1900 as the Montana State School of Mines, we offered degrees in mining and electrical engineering with a focus on mining and the processing of ore.

Our mission expanded in the 1960s to include programs focused on the responsible development of natural resources and energy.

Today, as Montana Technological University, we serve as Montana's only Special Focus science and engineering university.

Throughout our journey, we have maintained our enthusiasm for hands-on learning and our heritage of work ethic, innovation, and opportunity.

A silhouette of a person standing in a tunnel, looking out towards a bright light at the end of the tunnel.

 **Purpose**

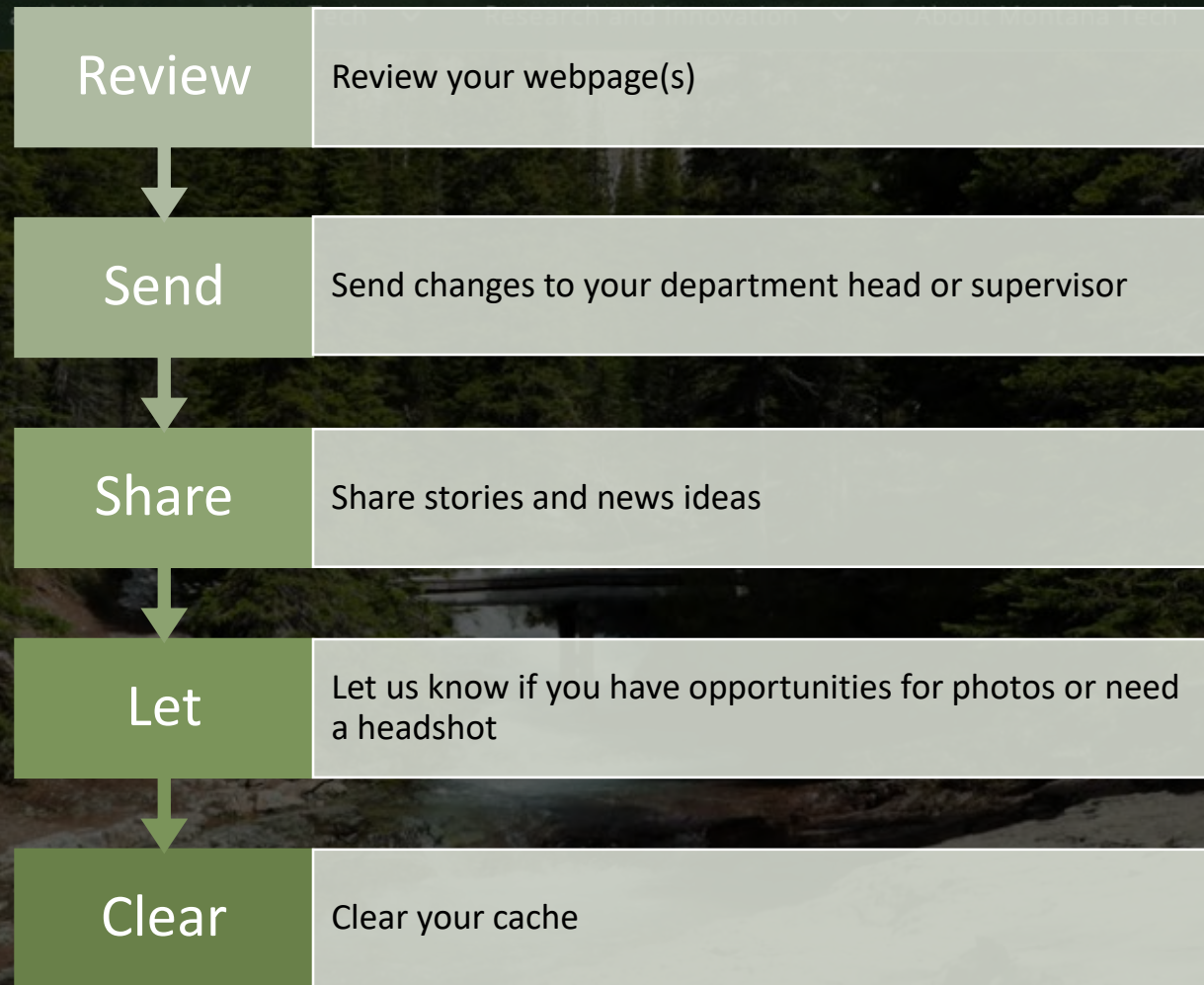
Montana Tech is a place of purpose, home to uncommon thinking, teaching, research, and innovation.

By embracing Montana as our living laboratory and emphasizing the value of experiential learning and community building, we offer a world-class education as a premier STEM university.

We prepare graduates for careers in industry, energy, healthcare, and professional fields.

What we do matters, today more than ever.

NEXT STEPS



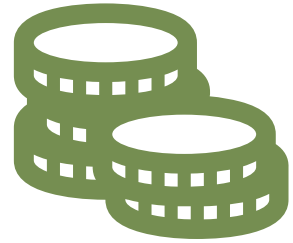


STRATEGIC PLAN INITIATIVES



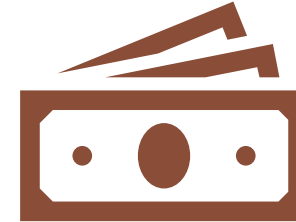
BUDGET UPDATE

BUDGET/LEGISLATIVE UPDATE



Executive Budget Proposal

- Present Law Adjustment
- Pay Plan
- Long Range Building Program



FY 2023 Budget (Current Year)

- Monitoring enrollment trends for spring semester 2023 to anticipate tuition revenue

TUITION AND ENROLLMENT

TUITION REVENUE	FY 22		FY 23	
	Budget	Actual	Budget	Actual
SUMMER	847,958	848,342	556,052	555,516
FALL	6,757,532	6,542,335	6,252,896	6,435,375
SPRING	6,248,574	5,875,420	5,585,087	5,927,630
Total Revenue	13,854,064	13,266,097	12,394,035	12,918,521 (not final)
ENROLLMENT	FY 22		FY 23	
	Budget	Actual	Budget	As of 2/1/23
FTE	2,030	1,950	1,888	1,903 (not final)

FY23 enrollment was budgeted with a 3% reduction of FY 22 actuals. We are currently coming in at -2%.



PROVOST SEARCH UPDATE

UPDATE & TIMELINE

- Contracted with Myers-McRae to coordinate the search
- Committee given access to applications January 23, with a February 8 'best consideration' deadline
- Candidate review and selection for Zoom interviews February 28 and March 1
- Candidates invited to campus the week of March 20th
- Hiring decision to be made by first part of April





MONTANA TECH

IMPACT/SUCCESS OF DIGGER ATHLETICS

WHAT IS THE NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS (NAIA)?

- Governing body of small athletic programs dedicated to character-driven intercollegiate athletics.
- 1 of 2 major collegiate athletic associations for 4-year institutions
 - The other being the National Collegiate Athletic Association

NATIONAL ASSOCIATION OF
INTERCOLLEGIATE ATHLETICS



MONTANA
TECHNOLOGICAL UNIVERSITY

FRONTIER CONFERENCE

- Started in 1934 as the Montana Small College Conference (MSCC) with charter members:
 - Montana State School of Mines – Butte
 - Montana State Normal College – Dillon
 - Northern Montana College – Havre
 - Intermountain Union College – Helena *
 - Billings Polytechnic Institute – Billings *



** Institutions merged in 1939 under the name Rocky Mountain College*



- **1939:** Added Eastern Montana Normal College (later became Montana State University Billings now NCAA Division II) and Carroll College
- **1966:** Rebranded as the Frontier Conference
- **1974:** Added University of Great Falls (now University of Providence)

FRONTIER CONFERENCE

- Current full members:
 - Montana Tech
 - MSU Northern
 - Montana Western
 - University of Providence
 - Rocky Mountain College
 - Carroll College
- Associate members (football only):
 - Eastern Oregon University
 - Southern Oregon University
 - College of Idaho
 - Arizona Christian University (fall 2023)



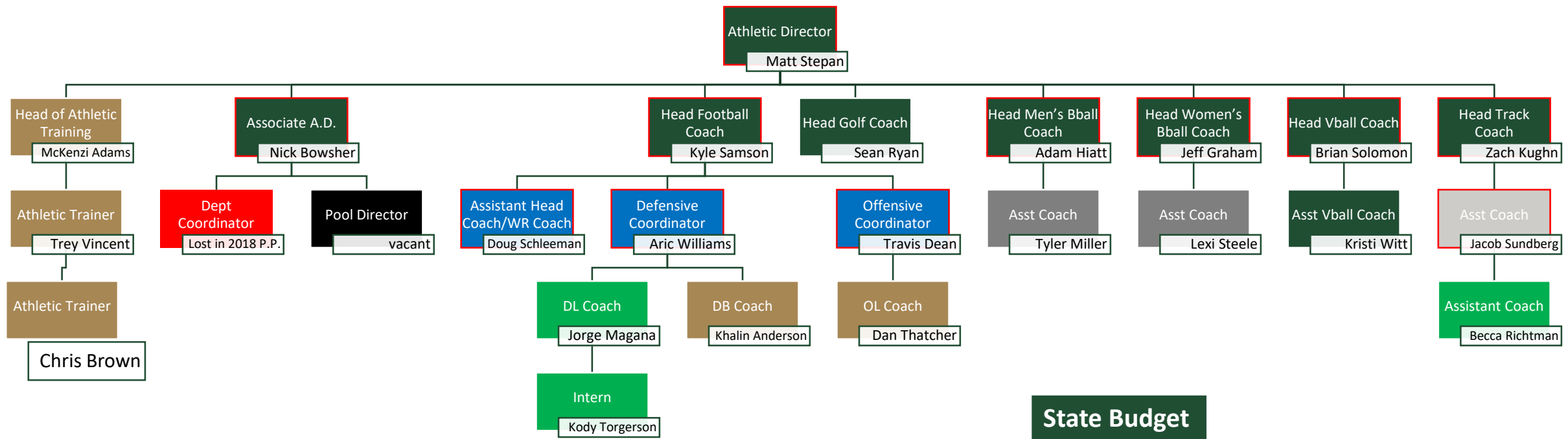
MONTANA TECH ATHLETICS

- 247 Athletes in 12 varsity sports
 - Football
 - Volleyball
 - Golf *
 - Cross Country *
 - Basketball *
 - Indoor Track and Field *
 - Outdoor Track and Field *

**offers both men's and women's*



MONTANA
TECHNOLOGICAL UNIVERSITY



FTE's Outlined in RED

State Budget

DAA Recharge

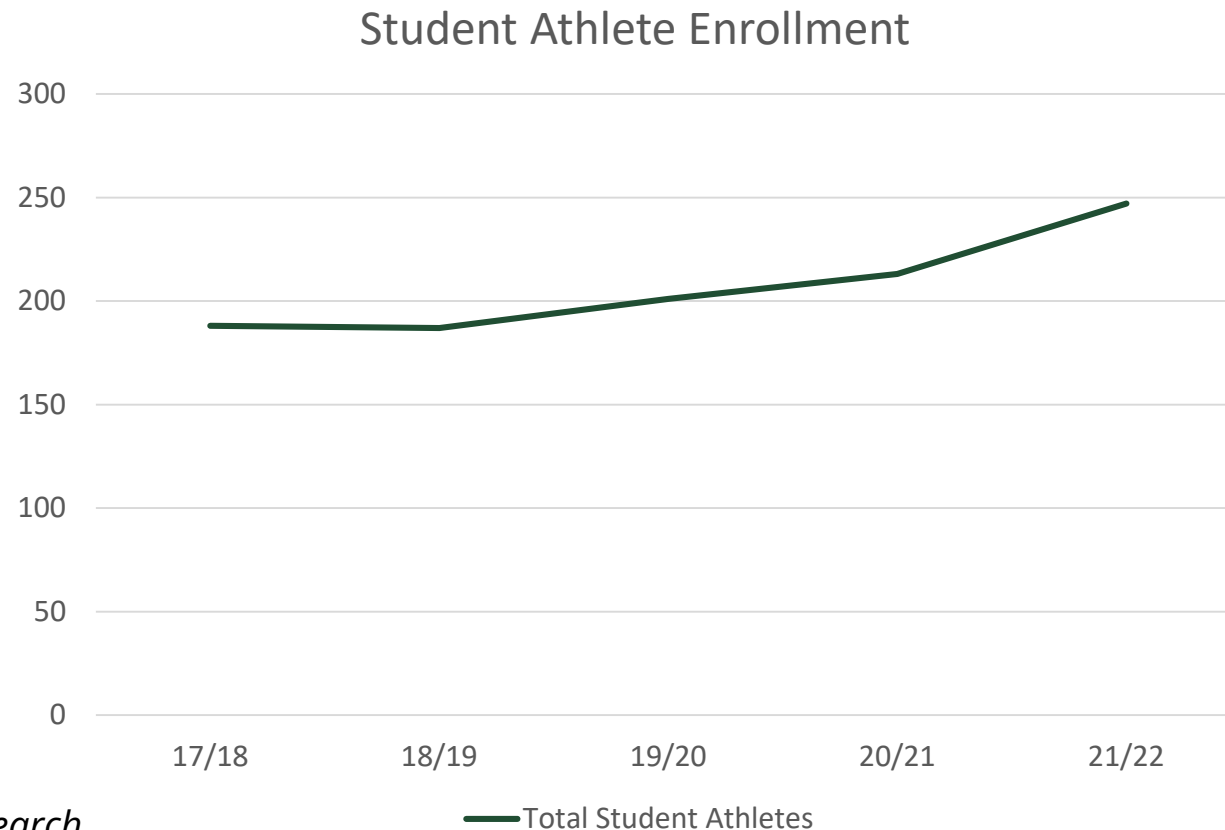
DAA Direct

Combined

Student Fees

TRENDING UPWARD

- 5-year lookback at Student-Athlete participation
 - 2017/18: 188
 - 2018/19: 187
 - 2019/20: 201
 - 2020/21: 213*
 - 2021/22: 247
- Net increase +59



Source: Montana Tech Institutional Research
*Year most impacted by Covid

TRENDING UPWARD: SPORT HIGHLIGHTS

Football

- 7-3 record (best finish since 2017)
 - 33 Frontier Conference Academic All-Conference (3.25 GPA)
 - 19 Daktronics Academic All-Americans (3.5 GPA)
 - Led Frontier Conference in All-Conference selections (13)
 - Ranked as high as #19 in NAIA rankings (first ranking since 2017)
 - 1 NAIA All-American
-



TRENDING UPWARD: SPORT HIGHLIGHTS

Volleyball

- 24-9 record winning Frontier Conference regular season championship
 - Qualified for the NAIA National Tournament for the 5th time in 7 years
 - 8 Academic All-Conference (3.25 GPA)
 - 4 Daktronics Academic All-Americans (3.5 GPA)
 - Led Frontier Conference in All-Conference selections (6)
 - Coach Solomon named Frontier Conference Coach of the Year
 - 3 Named AVCA All-Region
 - 2 All-American honorees
-



TRENDING UPWARD: SPORT HIGHLIGHTS

Cross Country

- Men's and Women's teams finished 3rd at the Frontier Conference Championships
 - 8 Academic All-Conference (3.25 GPA)
 - 4 Daktronics Academic All-Americans (3.5 GPA)
 - 4 Frontier Conference All-Conference selections
 - 2 NAIA All-Americans
-



TRENDING UPWARD: SPORT HIGHLIGHTS

Men's Basketball

- 27-7 record (most wins in school history)
 - Won Frontier Conference regular season and tournament championships
 - First NAIA National Tournament win in school history
 - 6 Academic All-Conference (3.25 GPA)
 - 1 Daktronics Academic All-American (3.5 GPA)
 - 4 Frontier Conference All-Conference selections
 - 2 NAIA All-Americans
-



TRENDING UPWARD: SPORT HIGHLIGHTS

Women's Basketball

- 7-13 record
 - Led Frontier Conference with 11 Academic All-Conference (3.25 GPA)
 - 2 Daktronics Academic All-Americans (3.5 GPA)
 - 2 Frontier Conference All-Conference selections
 - Jeff Graham named Head Coach
-



TRENDING UPWARD: SPORT HIGHLIGHTS

Golf

- Men finished second, women third at the Frontier Conference Championship
 - 7 Academic All-Conference (3.25 GPA)
 - 6 Daktronics Academic All-Americans (3.5 GPA)
 - 7 All-Conference selections – Women led Frontier Conference with 4
 - 4 Srixon/Cleveland All-American Scholars (3.2 GPA with 78 scoring average)
-



TRENDING UPWARD: SPORT HIGHLIGHTS

Men's Track and Field

- Men finished fourth at the Frontier Conference Championship
 - Won 1 individual championship
 - Ranked #11 in the NAIA with 3.39 team GPA
 - 7 All-Conference honorees with total of 10 selections
-



TRENDING UPWARD: SPORT HIGHLIGHTS

Women's Track and Field

- Won first ever Frontier Conference Championship (won 12 events)
 - Ranked #19 in the NAIA with 3.52 team GPA
 - 5 USTFCCCA All-Academic honorees (3.25 GPA with A or B standard)
 - 14 All-Conference honorees with total of 29 selections
 - Finished #3 overall women's running program in the NAIA
 - Won first individual NAIA National Championship in school history
-

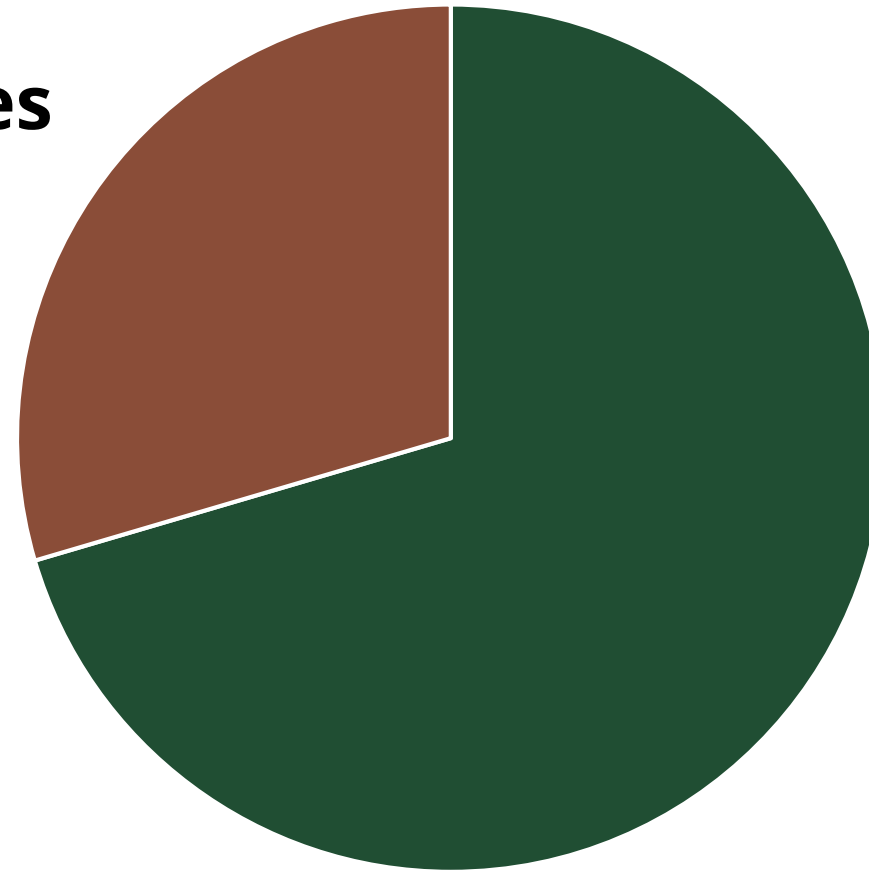


RECRUITMENT OF STUDENT-ATHLETES

Classification

- **247 Total Student-Athletes**

- 174 Resident = 70%
- 73 Non-Resident = 30%



■ Resident ■ Non-Resident

MONTANA'S FIRST CHOICE FOR ATHLETES

- Montana's University for student-athletes not NCAA Division I
 - 23 incoming football recruits are playing in the East West Shrine Game
 - Mo Jessop named Frontier Conference Volleyball MVP (Corvallis)
 - Sean Ramsbacher named Frontier Conference Men's Golfer of the Year (Missoula)
 - Caleb Bellach named Frontier Conference Men's Basketball Preseason MVP (Manhattan, MT)
 - Hailey Nielson earned NAIA All-American honors in Cross Country (Butte)
 - Abby Clark named Frontier Conference Field Athlete of the Year in Track and Field (Fort Benton)



HOME FOR TOP NATIONAL AND INTERNATIONAL TALENT

- **Sindou Diallo** named NAIA Basketball All-American twice and All-Frontier Conference three times; is currently playing professional basketball in Qatar (Tacoma, WA)
- **Trevor Hoffman** was selected NAIA All-American Honorable Mention in 2022 and Frontier All-Conference three times while breaking Montana Tech's all-time records for touchdown receptions and receiving yards (Spokane, WA)
- **Edwin Kipainoi** earned NAIA All-American status in Cross Country (Kajiado, Kenya)





HOME FOR TOP NATIONAL AND INTERNATIONAL TALENT

Becca Richtman

- 4-time NAIA National Champion
- 10-time NAIA All-American
- USTFCCA Athlete of the Year
- Frontier Conference Championship Women's Track and Field MVP
- Regional Indoor Track Athlete of the Year
- First National Champion in Montana Tech history
- Most decorated track athlete in the history of the Frontier Conference

PROGRAMMED VISITS

	CAMPS		OTHER VISITS
	<u>H.S.</u>	<u>Youth</u>	
• Football	1,019	223	273
• Volleyball	0	85*	15
• Track/XC	0	0	78
• Golf	0	0**	12
• Men's Basketball	200	200	20
• Women's Basketball	<u>170</u>	<u>0*</u>	<u>20</u>
TOTAL	1,389	508*	340

**Volleyball and WBB share camp participants in Girls Sport Camp*

***Youth numbers do not include 42 participants in Southwest Montana Junior Golf League ran by Coach Sean Ryan*

DIRECT REVENUE TO CAMPUS FROM CAMPUS

Sodexo

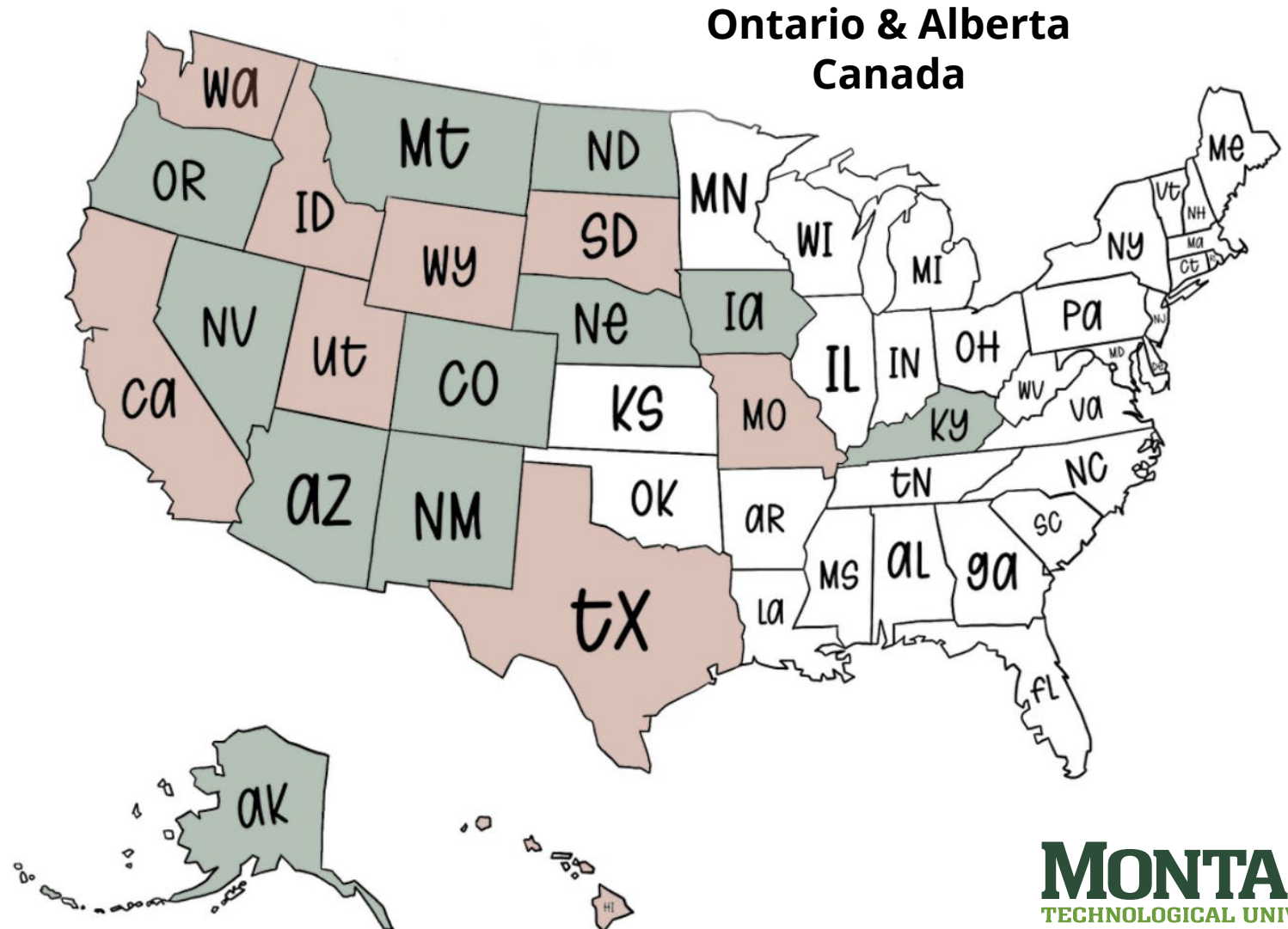
- Football \$32,260
(Additional \$51,288 for fall camp, PG meals, recruiting, etc.)
- Men's Basketball \$17,270
- TOTAL \$49,530

Montana Tech Housing

- Football \$23,280
- Men's Basketball \$ 7,110
- TOTAL \$30,390

STATES REPRESENTED BY OUR CAMPERS

- 21 U.S. states and 2 Canadian provinces



THE POWER AND PLATFORM TO ENGAGE

← Tweet



Matt Stepan
@MontanaTechAD

Want to know what makes @Sillysin23 such an exceptional student athlete? This right here. Halftime of our women's game. The good stuff. @MTechHoops @MTechDiggers #RollDiggs



2:58 PM · Jan 22, 2022

View Tweet analytics

× Tweet Analytics

Impressions ⓘ	Engagements ⓘ	Detail expands ⓘ
49,031	1,637	456
	New followers ⓘ	Profile visits ⓘ
	0	103

Video

Metrics for the video you shared

Unique views ⓘ	Views ⓘ
4,268	6,839



Promote your Tweet

Your Tweet has earned 49,031 impressions so far. Switch to a professional account to broaden your reach.

[Switch to professional](#)



ACADEMIC ACCOMPLISHMENTS



MAKING THE GRADE IN SPRING 2022

- 3.16 average team GPA
 - All teams above 3.0 except men's basketball at 2.96
- 24 on President's List (4.0 GPA)
- 33 received all A's or A-'s
- 63 on Dean's List (3.50-3.99 GPA)
- 149 with 3.00 or above (60.3%)

*We continue to be the highest achieving institution
- at the hardest school - in the Frontier
Conference!*



LEADING THE PACK

GRADE POINT AVERAGE			
	Women	Men	Total
TOTAL STUDENT	3.52	3.41	3.44
In State	3.55	3.43	3.48
Out of State	2.73	3.35	3.32
ATHLETES	3.55	3.53	3.53
In State	3.40	3.49	3.47
Out of State	3.75	3.59	3.63

GETTING TO THE FINISH LINE

COHORT GRADUATION RATES*			
	Women	Men	Total
TOTAL STUDENT	50%	58%	55%
In State	53%	57%	56%
Out of State	20%	59%	54%
ATHLETES	64%	69%	67%
In State	67%	63%	63%
Out of State	60%	82%	75%

STUDENT ATHLETES GIVE BACK

ALUMNI GIVING OVER A 10 YEAR TIME PERIOD

	Number of Constituents	Number of Donors	Number of Gifts	Total Given	Average given per donor	Percent of Participation
All Alumni	14,794	4,168	28,379	\$ 18,676,886.82	\$4,481.02	28.17%
Non-Student Athlete	13,410	3,501	23,567	\$ 10,233,621.15	\$ 2,923.06	26.11%
Former Student Athlete	1,384	667	5,300	\$ 8,443,265.67	\$12,658.57	48.19%



TM FOUNDATION



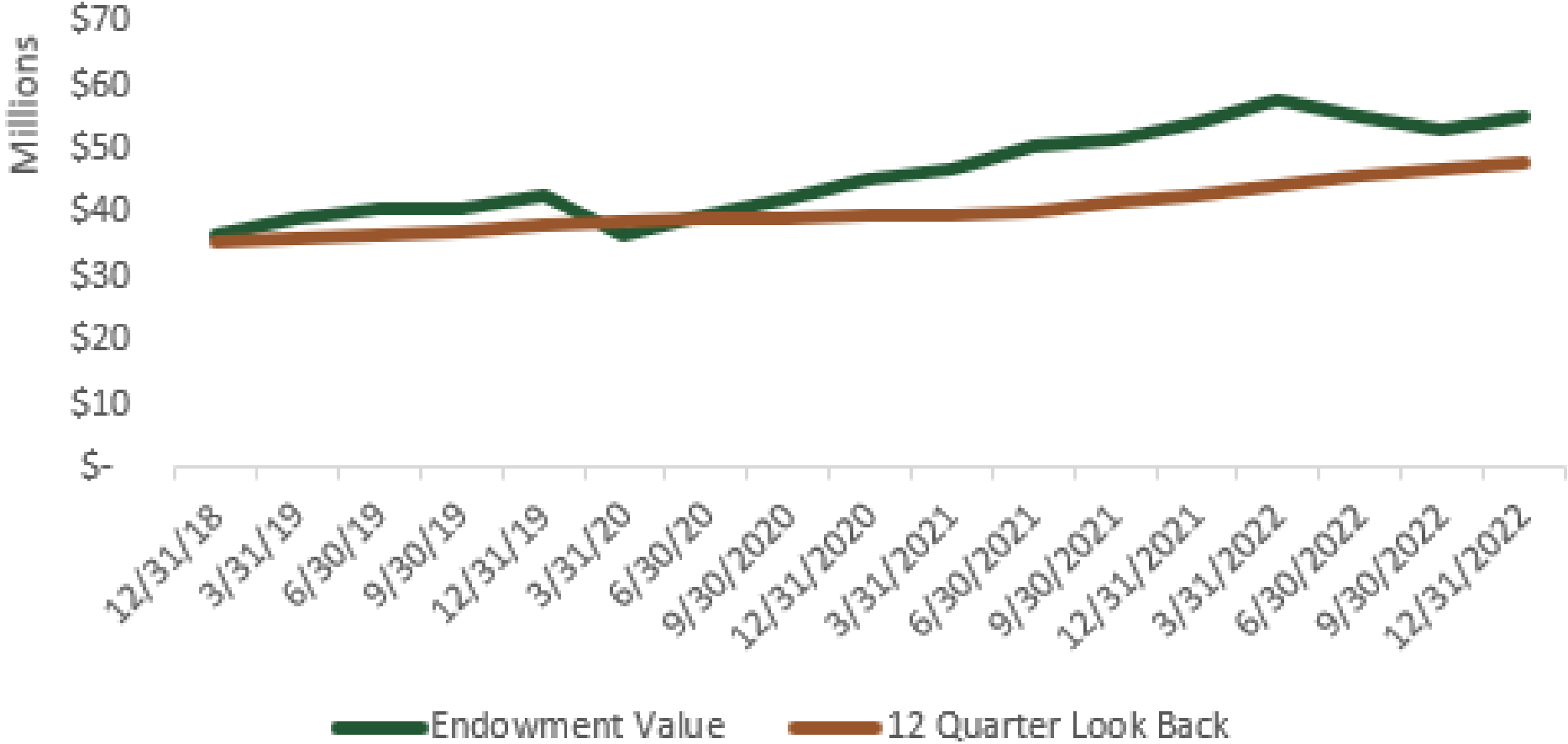
FOUNDATION UPDATE



- Alumni Relations
- Foundation Endowment Value
- Fiscal Year Fundraising Total (\$7M goal for the Foundation)
- Faculty Engagement
- Fundraising and Stewardship Focus



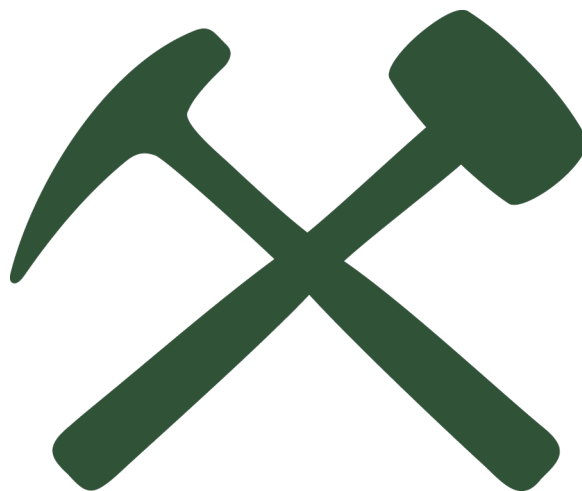
Endowment Value



The logo for the M Foundation, featuring a large, stylized white letter 'M' on the left, followed by a vertical line and the word 'FOUNDATION' in a white, sans-serif font to its right. The background is a dark, silhouetted structure with ornate scrollwork, set against a cloudy sky at dusk or dawn.

M FOUNDATION

- Gifts raised to date: **\$5,065,630**
- We are on our way to meeting our stretch goal of **\$7M**.
- There has also been an additional **\$7,262,311** in gift-in-kind.



THANK YOU!

MONTANA
TECHNOLOGICAL UNIVERSITY