



# MONTANA TECH WEEKLY UPDATE

*February 18, 2025*

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Restoration Seminar

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## UPCOMING CAMPUS EVENTS

**2/19:** Campus Facilities Master Plan Presentation and Open Forum (5:30 pm, Copper Lounge)

**2/20:** Weights w/Blaine Berrington (12:00 pm, HPER 140)  
Advancing Tech Forum (3:00 pm, Copper Lounge or Zoom)

WBB/MBB v Western (5:00 pm/7:00 pm, HPER)

**2/21:** Singo (6:00 pm, KC)

**2/22:** WBB/MBB v Providence - Senior Day (2:00 pm/4:00 pm, HPER)

**2/25:** Pilates w/Katie Hailer (12:00 pm, HPER 140)

**2/27:** Weights w/Blaine Berrington (12:00 pm, HPER 140)

**3/2-4:** Frontier Conference Basketball Tournament (Great Falls)

**03/04:** Pilates w/Katie Hailer (12:00 pm, HPER 140)

**03/06:** Weights w/Blaine Berrington (12:00 pm, HPER 140)

**03/11:** Pilates w/Katie Hailer (12:00 pm, HPER 140)

**03/13:** Weights w/Blaine Berrington (12:00 pm, HPER 140)



## LEGISLATIVE WEEK IN REVIEW: WEEK 6

Legislative Week in Review from the Office of the Commissioner of Higher Education.



## CENTER FOR ACADEMIC INNOVATION CALENDAR AND ZOOM OFFICE HOURS

The Center for Academic Innovation (CAI) team has resolved the issue with the CAI calendar not opening up properly. Please find **Zoom office hours** and any upcoming professional development training on the **CAI Calendar**.

If you encounter any issues, please email [cai@mtech.edu](mailto:cai@mtech.edu).



## CAMPUS FACILITIES MASTER PLAN PRESENTATION & OPEN FORUM

Come see the future Montana Tech! Join us for an updated Campus Facilities Master Plan presentation and open forum. See how we're envisioning a functional and beautiful campus for the future. The event will take place on **Wednesday, February 19** at 5:30 pm in the Copper Lounge. ThinkOne Architects, Anderson Mason Dale Architects, and Montana Tech will present. All faculty, staff, and students and Butte-Silver Bow community members are encouraged to attend.



## RESTORATION SEMINAR

You are invited to the next Restoration Seminar on **Wednesday, February 19** at 4:00 pm in CBB 102 or via **Zoom** (Meeting ID: 820 6204 0688, Passcode: 876364). Andrea Stierle and Donald Stierle, from the University of Montana, will present, "*Bioprospecting in the Berkeley Pit: The Search for Drug-like Molecules in a Toxic Wasteland.*"

Abstract: Since 1995 the Stierle Research Lab has studied the secondary metabolites of the extremophilic fungi living in the Berkeley Pit, a toxic mine waste lake in Butte, Montana. When grown in pure culture, these fungi produce compounds that target pathways associated with diverse pathologies, including

neurodegenerative diseases, stroke, cancer, and inflammation-associated disorders. However, when two of the Pit Lake extremophiles were grown in co-culture, they produced a series of novel macrolide antibiotics that target Gram-positive bacteria and pathogenic fungi. The lead compound, Berkeleylactone A, targets multi-drug resistant strains of Staphylococcus aureus and Bacillus anthracis with MIC values < 1 µg/ml. This presentation will highlight the structural characterization, structure activity relationships and mode of action studies of these compounds.



### ADVANCING TECH FORUM

Mark your calendars for the next Advancing Tech Forum on **Thursday, February 20** at 3:00 pm in the Copper Lounge or on **Zoom**.



### SINGO

The 3rd annual SINGO Pam Hogart Memorial Fund Fundraiser will be on **Friday, February 21, 2025** at the Knights of Columbus located at 224 W. Park St. Butte, MT. Doors open at 6:00 pm and games begin at 7:00 pm. Music from all genres, \$10 entry fee which includes pizza while supplies last, 18+ event. Prizes for dressing in your favorite decade.



### UPCOMING CAREER WORKSHOPS

Career Services is working with employers to help find students jobs and want to give you the tools be successful. Go to DiggerRecruiting-DR 2.0 and register for any of the following upcoming events.

**2/27:** State of Montana Internship Awareness Event, 11:00 am-2:00 pm, Copper Lounge, recommended majors: All



### REGISTRATION IS OPEN FOR SPRING TECH DAY

Montana Tech will be hosting our Spring Tech Day on **Friday, March 7** from 9:00 am-3:00 pm. Tech Day is a one-of-a-kind college visit experience where prospective students can participate in hands-on activities across multiple

programs. Registration for Tech Day is open for prospective students at [iam.mtech.edu/techdaydigital/inquiryform](http://iam.mtech.edu/techdaydigital/inquiryform) until March 3rd.



### ABOVE AND BEYOND AWARD

Staff Senate announces the call for nominations for the **2025 Above and Beyond Award**. The Above and Beyond Award recognizes an individual staff member who consistently goes above and beyond to serve individuals and the campus community, making exceptional efforts toward achieving the mission of Montana Tech.

See [https://www.mtech.edu/app/staff\\_senate/beyond.html](https://www.mtech.edu/app/staff_senate/beyond.html) or the Staff Senate webpage for guidelines and the nominations form. Nominations are due **Friday, March 7, 2025**.



### SERVICES FOR LAUREN HUDSON

Services for Lauren Hudson will take place on **Saturday, March 15** at St. Ann's Church. Visitation will begin at 11:00 am with mass to follow at 12:00 pm. A luncheon will then be held at the McQueen Athletic Club located at 3250 Hecla.



### SAVE THE DATE: RESEARCH SYMPOSIUM

The Montana Department of Transportation (MDT) will hold a Research Symposium at the Helena MDT Headquarters on **May 20, 2025**, from 8:30 to 4:00 MT. This will be an in-person only event and no virtual options will be provided.

If you attended the May 2024 TRB State visit held in Helena and virtually, this event aims to build off the momentum and interest from that event. We had great discussions centered around transportation research and many in attendance expressed interest in participating in another networking event.

Researchers: The format MDT is building towards would be a morning showcasing examples of research work that could relate to the work MDT does. After a lunch break, the day would transition to a networking event designed to bring out MDT research needs and researcher topic interests. MDT plans to

request abstracts from interested researchers for MDT to select for the morning presentations.

For more information, contact: Rebecca Ridenour, P.E., Research Section Supervisor | Highways and Engineering | 406-444-7203 | [rridenour@mt.gov](mailto:rridenour@mt.gov)

**The agenda will be designed to foster networking and collaboration. We will update as more details are established by MDT.**

