

University of Montana Western 17th Annual Research Symposium

April 19th and 20th, 2024
Charles G. Swysgood Technology Center
Great Room

Schedule of Events

Friday, April 19th

3:15-4:00 pm..... Symposium Preparation and Poster Setup

4:00-5:30 pm.....Oral Presentation Session I

4:00 – Shiloh Rainey

Association Understanding Irrigator Decision-Making to Design for Drought in the Upper Missouri Headwaters

4:15 – Hadassah Auch

Observing Various Healthcare Professions at St. Peter’s Health Urgent Care North and South in Helena, Montana

4:30 – Samantha Haak

Brine Infiltration in the McMurdo Ice Shelf, Antarctica

4:45 – Jules Carrasco

Youth Employment Program Internship with the Bureau of Land Management as a Rangeland Technician in Southwest Montana

5:00 – Joseph Lamb

Analyzing Denning Behavior of the Prairie Rattlesnake *Crotalus viridis viridis* in Response to Seasonal Weather Patterns

5:15 – Jonah Lindsey

Dengue Persistence in Response to Temperature: Modeling Climate Change and *Aedes aegypti* in Miami-Dade County, Florida

5:45-6:45 pm..... Keynote Lecture by Dr. Michelle Osborn

7:00-8:00 pm.....Poster Session I, *Hors D’oeuvres*, & Reception

Saturday, April 20th

9:00 – 9:30 am.....Breakfast

9:30 – 11:00 am.....Oral Presentation Session II

9:30 – Stratton Bohl

Studying Chronic Wasting Disease in the Ruby Valley

9:45 – Nick Wade

Ride Alongs with Montana Fish, Wildlife, and Parks Game Warden Kerry Wahl

10:00 – Madeline Bradbury

Functional Morphology of the Coelomic Wall in Sea Lampreys
(*Petromyzon marinus*): An Example of a Hydrostatic Organ

10:15 – Kylee Pittman

Morphological Variation of the Infraorbital Canals in Horses

10:30 – Reese Koester

Isolation of Plastic Metabolizing Bacteria from Hydrocarbon Rich Environments

10:45 – Jennifer George

Bison: An Examination Regarding Timeline and Causes of Near Extinction

11:00 – Julia Lambertus

3D Imaging of the Equine Paranasal Sinuses to Evaluate Clinical Approaches to Maxillary Cheek Tooth Extraction

11:15 – Kaleah Kunkle

Trail Conservation and Community Impact: Reflections of a Montana Conservation Corps Intern

11:30 am - 1:00 pm..... Poster Session II & Lunch