

# December 5, 2013

## SCHEDULE

8:30 am Check-in (SUB Copper Lounge)

9:00 am **Demystifying Colleges and Universities** (SUB Copper Lounge)

10:00 am ACADEMIC SESSION I:

- Learn about **Academics at Montana Tech and Highlands College** from Dr. Pete Knudsen, Dr. Doug Coe and Dr. John Garic. (SUB Copper Lounge)

11:00 am ACADEMIC SESSION II:

- **Program A Robotic Car** with Dr. Dan Trudnowski (Main 314)
- **Does It Still Pay to Go to College** with Dr. Gordon Flanders (Main 209)
- Learn ways to find **National Scholarships** to help pay for college with current Montana Tech students, Laura Twichel and Stewart Neal (S&E 308)

12:00 pm LUNCH & BOOKSTORE (Dining Room)

1:00 pm ACADEMIC SESSION III:

- Learn ways to find **National Scholarships** to help pay for college with current Montana Tech student, James Cutler, and Shauna Savage from Financial Aid and Scholarships (S&E 308)
- **College Banking 101** with the Rocky Mountain Chapter of Credit Unions (SUB Copper Lounge)
- Explore the impact **Environmental Engineering** has around the world with Dr. Jeanne Larson (S&E 204)
- Explore the **Mac Lab and Video Productions** with Dr. Pat Munday (ENG 104 Mac Lab)

2:00 pm ACADEMIC SESSION IV:

- **Health Care Accuracy** with Dr. Charie Faught (CBB 001)
- **The Medical School Experience** with (soon to be) Dr. Cory Sonneman and Dr. Doug Cameron (CBB 005)
- Tour Montana Tech's **Underground Mine** with Dr. Pete Knudsen (meet on the sidewalk outside the SUB).
- Delve into the **World of Minerals, Metals and Materials Process Engineering** with current students, Grant Wallace, Sean Dudley and other members of Club Met (ELC 202)

3:00 pm THANKS FOR COMING!

Pick-up excuse letters in the Pintler Room and you are invited to an optional tour of Montana Tech's campus or Highlands College. Tours take one hour.

## ABOUT THE WORKSHOPS

**Environmental Engineering:** Students will be given the opportunity to sample and watch a demonstration of a small drinking water generation using an exercise bike as the source of mechanical energy.

**Demystifying Colleges and Universities.** This session will focus on admissions criteria, filling out applications, scholarship deadlines and common questions that students have during the admission process. Additionally, you will learn about services that you can find on most campuses to help you find success.

**Program a Robotic Car:** Dive first hand into the world of engineering by learning binary code and using it to drive a robotic car. You will learn about digital design and application of basic circuit principles.

**World of minerals, metals and materials process engineering:** Discover how minerals, metals and materials are processed, analyzed, characterized and used through this hands-on workshop, exposing you to exciting career paths in mining, recycling, forensics, aerospace, corrosion, manufacturing, nanomaterials, etc.

**Does it still pay to go to college?:** This session will discuss the cost/benefit (ROI) analysis of obtaining a college education. We will explore the opportunity cost, lifetime monetary value of an education, differences in unemployment rates based on educational attainment, job placement rates; starting and future pay expectations job growth prospects based on degree earned. The session will also touch on setting goals, student motivation, student retention and graduation completion rates.



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**Health Care Accuracy:** A public health outbreak exercise. There is a zombie outbreak and quick action is needed to get it under control. Learn about how important medical data accuracy is. At the conclusion, you will learn about Montana Tech's health sciences programs and Health Care Informatics.

**Finding National Scholarships to Help Pay for College:** Current students will help you log into a scholarship database and learn about scholarship search. **This session will be offered at both 10:00 and 1:00.**

**College Banking 101:** This session will focus on personal finances. The members of the Rocky Mountain Chapter of Credit Unions will teach you about budgeting, necessary accounts, and types of lending. This session was created to help college students be smart about their personal finances.

**The Mac Lab and Video Production:** During this session, you will tour the Mac Production Lab and Pod Multimedia Lab housed in the Professional and Technical Communications Department. You will also view several examples of Montana Tech student' video productions.

**The Medical School Experience:** This is a great session for students considering entering the medical fields. You will have the opportunity to talk to a current medical school student doing his residency. He will tell you about his college and medical school experience. You will also get a chance to hear from Dr. Cameron who has helped many students successfully learn about the medical fields and get into medical school.

**Tour Tech's Underground Mine:** Most of you grew up with a great understanding of mining. Montana Tech is very lucky to have a real Underground Mine Lab where students don't get to see a mine on a computer screen, but instead get to experience one hands-on. Tour this amazing lab. **This session will take a little bit over an hour.**



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## Open House for Locals Only!

Micaul McClafferty has immersed herself into campus life during her time at Montana Tech. Her volunteer activities include president of the Pre-Professional Health Club, organizing the campus blood drives, and running the scoreboard at athletic events.

Micaul made the decision to attend her hometown university because of its strong science programs and her interest in the healthcare field. The small class sizes and one-on-one interactions with faculty members has prepared her to further her education after graduation when she goes on to Physician Assistant School.



*Micaul McClafferty  
Butte, MT  
Biology*