**Mansfield Center: InnovateHS**

**Friday, October 11 at the University of Montana**

**Timeline and Schedule**

The themes of Mansfield Center: InnovateHS are *Imagination* and *Problem Solving*. Throughout the day-long event, innovation will be discussed as the way in which to apply skills with creativity, collaboration, and analysis to develop novel solutions to complex problems. Events include inspirational speakers, active learning, peer engagement and small group presentations by UM faculty. The students will be active participants throughout the day, considering how innovation applies to their lives and to the issues that most concern them.

**InnovateHS Schedule**

**8:35-8:45 am Students and faculty arrive to University Center Theater**

**9:00-9:35 am Setting the Stage: Why InnovateHS?**

* + - * 8:55-9:00: Introduction by Mansfield Center Director Deena Mansour
      * 9:00-9:05: Welcome by UM President Seth Bodnar
      * 9:05-9:07: Introduction of Micah Larsen
      * 9:07-9:40: Keynote Speaker: Ms. Micah Larsen, Apis Communication Science

**9:40-9:50 am Dr. Nicky Phear: Discussing the Day’s Activities**

**9:50-10:00 am Transition to Faculty Sessions**

*Directed by UM guides.*

**10:00-10:45 am Faculty Session One**

Students will engage with UM faculty on innovation in their discipline through mini-lectures and interactive activities aligned with one of the UM *Communities of Excellence*.

**10:45-11:00 am Transition to Second Faculty Session**

**11:00-11:45 am Faculty Session Two**

Students will engage with UM faculty on innovation in their discipline through mini-lectures and interactive activities aligned with one of the UM *Communities of Excellence*. Students may also elect to participate in sessions regarding college preparation.

*Communities of Excellence:*

**Communication and Artistic Expression**

* ***"Art Talks!" with Herbert Swick, Montana Museum of Art and Culture.*** Whether seen on TV, social media, or protest signs, visual images are powerful ways to communicate. How do artists create compelling images while challenging us to think about the complex demands of today’s world? This session will allow you to analyze and decide for yourself as UM faculty member and award-winning photographer Matt Hamon provokes us to think about our impact on the environment.
* ***"Making Reality Fun: Allow Your Creativity to Flow While Making a Game" with Michael Cassens, Media Arts.*** This session will engage student participants by allowing them to design, implement, and play games they create. It will also include demos of current student work and introduce opportunities for incoming students through scholarships and as participants in the University of Montana eSports team.
* ***"Smooth Communicating" with Christina Yoshimura, Communication Studies.*** Use the research from communication studies to become a pro at starting and ending conversations, making small talk, and learning to read the reactions from others during your conversations with them. Explore some basic human motivations and messaging behaviors to develop skills in a number of conversational moves.

**Business and Entrepreneurship**

* ***"Biomimicry: Creative Ways to Address Human Problems" with Jakki Mohr, College of Business.*** Otherwise known as innovations inspired by nature, biomimicry has shown great promise in offering creative ways to address human problems. This session will include an overview of biomimicry in action with examples, a design challenge where students will identify how nature's insights can be used to address issues related to concussions/head injuries, and a conclusion about the key challenges in using biomimicry in business.
* ***"The Future of Work" with David Firth, College of Business.*** Students will discuss the future of work, including artificial intelligence.

**Environment and Sustainability**

* ***"Climate Policy: Will it Ever Happen in the United States?" with Sara Rinfret, Public Administration and Policy.*** In this active learning presentation, students are provided a brief overview of climate policy to date. Students emulate particular perspectives to understand why the U.S., once an environmental leader, lags behind.
* ***"What Does Climate Action Look Like?" with Steve Schwarze, Communication Studies.*** This session examines traditional and innovative strategies to mobilize global citizens for climate action. It will look especially at youth-led movements and the strengths and limitations of social media and other new communication technologies for building momentum for change.

**Science and Technology**

* ***"'Wait, What?' Fact and Fiction in Social Media" with Dennis Swibold, School of Journalism.*** We'll play the game "Wait, What?" in which students learn to quickly determine the veracity of social media posts and memes. The game includes instruction on credible fact-checking, a primer on why humans seem hard-wired to share outrageous information, and the latest research on how fact-checking works best.
* ***"Tales from UM Student Archaeological Ventures in Missoula" with Kelly Dixon, Anthropology.*** If you'd like a fresh perspective on the ground beneath your feet and past/present cultures, please join us and a team of graduate and undergraduate students to understand how we investigate evidence recovered from a series of experiential, outdoor--and sometimes underground--discovery learning adventures. We will meet in a multi-purpose archaeology laboratory that serves as a working classroom, "dirty" lab, and haven for student research that contributes to the greater good. Visiting MCPS students will receive behind-the-scenes updates on recent projects that demonstrate how archaeological and linguistic evidence can help democratize our community's complex history by triggering recollections of the nearly lost heritage of Missoula's past residents.
* ***"7 Skulls - 7 Stories: Teasers in Forensic Anthropology" with Garry Kerr, Anthropology.*** Explore the nuances of skeletal identification with this hands-on session led by award-winning UM faculty and Forensic Anthropologist Garry Kerr. Kerr has been awarded "Best Professor" in the Missoulian, the Independent, and the Kaimin for 30 years and continues to work with local law enforcement on various cases.
* ***"Junk-Drawer Boomboxes" with Elizabeth Dove & Brad Allen, Innovation Factory.*** Join us in a workshop/sprint to transform everyday objects into audio speakers using the space and tools of the Innovation Factory. What remixes, hacks or hybrids can each student group devise? And, what kind of music should it play? This session highlights innovations in communication through the integration of music, pop culture, and sculpture.

**Justice, Policy and Public Service**

* ***"This is America" with Daisy Rooks, Sociology.*** This session will use the 2018 Grammy Song of the Year "This is America," by Childish Gambino, to examine inequality and opportunity in the U.S. today. Through small-group activities and guided discussion, students will articulate their opinions about opportunity in America, compare their own and their peers' points of view, and examine selected statistics about race, gender, and opportunity in the U.S.
* ***"Pathways for Social Impact" with Andrea Vernon, Civic Engagement.*** We are bombarded with information about problems in society like hunger, homelessness, climate change, health issues, political divisiveness, etc. Do you ever wonder how you can get involved and make a difference? This session will uncover and explain systems for active community engagement through government entities, nonprofit organizations, and more.
* ***"Human Trafficking: What Is It and What Can I Do About It?" with Katharina Werner, School of Social Work.*** This session briefly overviews human trafficking, involving students in discussion about common myths and misperceptions about the issue. Through a facilitated group discussion, students consider risk factors and learn about best practices and innovate approaches to respond to this problem through a social work lens.
* ***"The Skin We’re In: White Supremacy is on the Rise" with Tobin Shearer, African American Studies.*** Race is constantly in the news and we use the term “race” without understanding its history or present application. This interactive workshop builds on new historical and social research to give participants conceptual tools to speak with sophistication and nuance about the reality of race in the United States and how it has come to be such a powerful force.

**College Preparation**

* ***"Creating Financial Fitness" with Julie Heaton, Financial Education Program Manager.*** Together we will practice creating a budget and look ahead to financial aid opportunities that can help pay for college. Financial stress is one source of stress that students may find themselves experiencing as they transition into college. A 2012 study examined the top stressors college students face, and found that four of the top five stressors were all related to finances. In this session students will begin brainstorming their path to financial fitness.
* ***"Explore Campus" with a UM Student Advocate.*** In this session students will have the opportunity to explore UM’s beautiful campus with an expert – one of UM’s Student Advocates. Learn all about UM’s academics, extracurriculars, and traditions through the eyes of a current UM undergraduate student.
* ***"Life Outside the Classroom: Living in a Residence Hall" with Housing Staff.*** What is living in a residence hall like? Learn about the opportunities to get involved in the residence halls, explore the different room options available to students, hear about the several Living Learning Communities offered to students, and discover tips and tricks to get the most out of your meal plan. This session will conclude with a tour of a residence hall room in Turner and Knowles Hall.

**11:45-12:40 pm Students Directed to Lunch at the Food Zoo, Lommasson Center**

Students will be escorted to lunch by UM student hosts, provided free meals, and then are free to return to the UC Ballroom on their own for the final session.

**12:45-1:55 pm Innovation in Action, led by Dr. Phear**

*UC Ballroom*

All students congregate and are led through a dynamic interactive session in small groups of 5-6 students organized by thematic groups. Each small group will receive one problem that they will then be asked to solve by jointly generating 50 solutions. Students will brainstorm ideas, using words and drawings, on ballroom tables covered in paper. Every student can play a role sharing both simple and bold ideas. UM student hosts will be available to help facilitate the small group work.

Toward the end of the session, student groups will be asked to identify their most innovative solution, in addition to five elements of innovation that were used to generate their ideas.

To conclude the conference, students will share and vote on the most innovate ideas generated.

**Goals for the reflection session and thus for the day:**

* Engage students in a dynamic session where they interact with others from different schools
* Spark students’ creative engagement and encourage the sharing and building of ideas
* Help students solve a problem they care about using ideas from the InnovateHS day, and

ideas from their own lives

* Enable students to experience being part of a process of developing innovations
* Visualize the solutions that emerge from the group of 250 students.

**1:55 pm Transition to bus loading area outside UC and depart**

**On-Site Contact:**

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