

**“STEM Student Professional Skills Symposium”**  
**SSPSS**  
**October 20, 2018**  
**Schedule**

Learn from our team of experienced presenters what it takes to acquire the necessary professional skills to be successful in the modern workforce.

**8:30 AM Lite Breakfast and Registration**

**9:00 General Session –all (Auditorium)**

Welcome by Space Grant Director - NASA and MSGC Opportunities

**9:20 Transition – find your session location in the Auditorium or Classroom**

**9:30 Professional Development Session 1 (Choose One)**

**1. Think Outside the Box by Cathy Nolan**

Explore What’s possible with your education-**Auditorium**

- Self-Assessments to guide discovery of interests and values
- General career/major discovery

**2. Build Your Professional Brand by Steve Enoch**

Resume Writing 101 **Classroom**

- A hands-on workshop - walk away with the outlines of a resume
- Get ideas on how to build your resume even more
- Craft your elevator pitch and practice

**10:30 Professional Development Session 2 (Choose One)**

**1. Build Your Professional Brand by Steve Enoch**

Resume Writing 101 **Classroom**

- A hands-on workshop - walk away with the outlines of a resume
- Get ideas on how to build your resume even more
- Craft your elevator pitch and practice

**2. Building Experience by Sarah Steward**

Get that experience and put it to work for you - **Auditorium**

- Internship/research searching (what to expect, when to apply, why, what’s available)
- Translating that experience into marketable skills

**11:30 Lunch and Networking with Planetarium Show**

Lunch Catered Sack Lunch by Cravins

**No food in the Planetarium** so eat before or after the show you pick

11:30 Planetarium Show – Einstein Gravity Play – Eric Loberg

12:00 Planetarium Show – Einstein Gravity Play – Eric Loberg

**12:30 Professional Development Session 3 by Mary-Martha Bahn**

**All in Auditorium**

**Professional Skills** - Learn about the essential skills employers are looking for, including professional communication, networking and the appropriate use of Social Media.

**1:30 Break**

**1:45 Professional Development Session 4 by Caressa Bailey-Sack**

**All in Auditorium**

**Overcoming Obstacles** – How do I get around, over or thru a stumbling block. Explore how to identify and overcome what might be blocking your success in the classroom. We will review time management, study skills, test preparation and ways to build success habits.

**2:30 Professional Panel Discussion in Auditorium moderator Randy Larimer**

**All in Auditorium**

What is my job, what I do every day, and how I got there?  
Student Question and Answer Session

**Panel Participants:**

- Joseph Schmoll – National Transportation Safety Board (via Webex)
- Dave Riesland – Redstone Arsenal
- Mitch Hobish- Sciential Consulting
- Jenny Hane – SEAKR Engineering
- Katey Plymesser – Civil Engineering Department at Montana State University

**3:45 Wrap Up – Space Grant Director**

**4:00 Museum Time on Your Own - Stickers Provided**

5:00 Museum Close

### **Resume Critiques (9:30 and 10:30) – Steve Enoch**

Steve joined Career Services in August, 2013 after retiring as superintendent of schools for 18 years, having served both small rural districts and large urban districts. Steve started his career as an elementary teacher, later serving as principal at elementary, middle and high school levels before becoming superintendent. He has also taught educational leadership courses at the graduate school level and has been published nationally on several occasions. He earned a B.A. degree from the University of La Verne, a Master's degree from California State University, Fullerton, and has done additional advanced study at Claremont Graduate school. In his "semi-retired" life he enjoys doing professional writing, hiking and biking, travel with his wife, and activities with children and grandchildren.

### **Think Outside the Box (career Exploration) – Cathy Nolan**

Cathy earned her M.A. in Administration, Supervision, and Curriculum Development from the University of Colorado, and her B.A. in Education from Ohio Wesleyan University. Prior to moving to Bozeman in the spring of 2014, she worked as an independent consultant with state and federal grants related to increasing the graduation rate/decreasing the dropout rate in designated Colorado high schools. Prior to that role, Cathy spent 25 years in administration at the secondary level in the public school system in Colorado. From 2002-2011, she served as a high school principal in a 2100 student school in the Adams Twelve Five Star School District. Cathy's goal is to effectively assist MSU students in the transition from student life to career life.

### **Building Experience – Sarah Steward**

Sarah began as a Career Coach in 2017 and is passionate about supporting students and alumni as they discern and explore their academic and professional interests. She hails from North Dakota, but most recently lived in Colorado where she worked at a small, liberal arts university directing Career Services and Community Engagement. She holds a MS in Educational Leadership from Miami University in Ohio, and a BA in Sociology and Management from Luther College in Iowa. She moved to Montana with her partner and daughter to be closer to family. Outside of work you might find her enjoying quality time with family and friends, hiking, camping, reading, or attempting a DIY project.

### **Professional Skills – Mary-Martha Bahn**

Mary-Martha joined the Allen Yarnell Center for Student Success in the summer of 2017 as the Career Education and Development Manager. She has over 15 years of experience in Human Resources Management, holding various positions in companies in Kansas City and Denver. In 2004, she and her husband and two daughters moved to Bozeman to run their own business, a Bed & Breakfast and Wolf Sanctuary. She also offered coaching and consulting services to small businesses. After 13 wonderful years caring for guests and wolves, they sold the business and Mary-Martha is embarking on her "third" career here at MSU. She is excited to bring her experience and passion to help students with career exploration and preparation for the transition from college to the working world. She received her Bachelors in Business/Economics and

Political Science from McDaniel College in Maryland, a Masters in Political Science from Vanderbilt University, and a certification in coaching from the Hudson Institute. Mary-Martha enjoys gardening, hiking, reading, and good chocolate cake.

### **Overcoming Obstacles – Caressa Bailey-Sack**

For the past 15 years, Caressa has gained experience in project and business management, contract negotiation, data analysis, marketing and education. Originally from Bozeman, Caressa received her B.S. in Psychology from MSU. Caressa also studied viticulture and enology. She earned her DWS, CSW and became a WSET Certified APP (Approved Program Provider) and Educator. Caressa also founded her own wine education and consulting business. Caressa has worked for Moet Hennessy and became the National Training and Education Manager for DIAGEO, a global supplier and innovator. At DIAGEO, Caressa managed DIAGEO Trade Education for the Eastern US and a team of 60 distributor leads. Caressa has also managed the Complex Deal Training program for ORACLE, served on ORACLE's project management team and served as an auditor for ORACLE Cloud contracts. Caressa is Tiny Habits Coach Certified, Mental Health First Aid Certified and has completed Lean Six Sigma and Kaizen Project Management Training. Caressa is pursuing a master's in Public Administration from Montana State.

## **Panel Bios:**

**Dr. Mitchell Hobish** has been self-employed for over 32 years, in activities ranging from professional coaching for individuals and small businesses to large-scale scientific and technical strategic planning for private-sector, academic, and governmental organizations, internationally. Most of his efforts have been in supporting NASA and the National Oceanic and Atmospheric Administration, but he has worked with many other federal agencies, either directly or through contractors. Mitch has supported the Montana Space Grant Consortium for years in several educational and programmatic capacities, and recently stepped down as the executive director of the National Space Grant Foundation. Mitch has earned undergraduate degrees in English (with a minor in electrical engineering) and biology, and holds a doctorate in biochemistry, but he has experience across a wide range of technical disciplines, often well outside his areas of formal education. Mitch has contributed to receipt of over \$200,000,000 of research and business grants and contracts for his clients with a sterling track record in several agencies' Small Business Innovation Research programs.

**David Riesland** is an optical engineer working in the area of electro-optics for the US Army. David became involved with Montana Space Grant Consortium (MSGC) as a freshman when studying undergraduate Electrical Engineering at Montana State University. He was heavily involved with the high altitude ballooning program BOREALIS as a freshman and sophomore, and attended NASA Academy at Glenn Research Center (GRC) the summer after his sophomore year. Optics became a passion after becoming involved in MSGC's spectrograph competition, and he began remote sensing research in an optics lab at MSU shortly thereafter. He then went on to pursue a master's degree in Optics and Photonics at MSU while doing cloud research under MSU's Optical Remote Sensor Lab (ORSL) with the National Science Foundation (NSF) and NASA. David currently specializes in remote sensing, radiometry, and optical projection at the U.S. Army Aviation and Missile Research, Development, and Engineering Center (AMRDEC) in Huntsville, AL.

**Jennifer (Jenny Sue) Hane** is an Electrical Engineer specializing in FPGA design and radiation tolerance. She graduated from Montana State University with an MSEE in 2012. Jennifer joined BOREALIS as a freshman and participated in this MSGC program throughout her undergraduate years, interning with the high-altitude balloon group for two summers. She was a member of MSU's inaugural Lunabotics Mining Competition design team, and would later participate in Dr. LaMeres' fault-tolerant reconfigurable computing project as a graduate research assistant. Jennifer currently works for SEAKR Engineering Inc., an aerospace company which produces memory recorders, data processors, and other components for satellites. "FPGA Engineer" is my official title.

**Joseph Schmoll** is a Government Affairs Specialist working at the National Transportation Safety Board (NTSB). After majoring in Mechanical Engineering and minoring in International Business at Montana State University, he began his career as a mechanical engineer for Bechtel. He relocated to Washington, D.C. to work on design and construction oversight of mechanical systems in an expansion of their subway. After three years, he became increasingly interested in changing course and applying his technical background to the world of public policy and began looking for work on Capitol Hill. While working part-time for Bechtel, he interned for two members of the House of Representatives as well as a short stint with the Korea National Assembly. He then spent five years with Sen. Steve Daines, advising the Senator on a variety of issues, namely transportation and infrastructure, as a member of committees with jurisdiction over the Department of Transportation. Now, he uses his congressional and technical experiences to help elected officials and their staffs understand NTSB's accident investigations, reports, and safety recommendations as they develop legislation.

**Dr. Katey Plymesser** holds a B.S. (Case Western Reserve University '01) and Ph.D. (MSU '14) degrees in Civil Engineering. She began her academic career at Montana State University – Billings with a teaching and research tenure-track appointment. Dr. Plymesser joined the Civil Engineering Department at Montana State University in 2016. Her research is focused in ecohydraulics and fish passage with a particular fondness for the application of hydraulic and fluid dynamic models to answer research questions in natural settings. She has worked with the US Fish and Wildlife Service (USFWS) both in Bozeman and at the Region 5 Headquarters in Amherst, MA on fish passage research projects and practical applications and assessments that culminated in the creation of a passage model for American shad in Steeppass (modified Denil) fishways. Her work is supported by the USGS and USFWS. Dr. Plymesser currently teaches Engineering Mechanics, Statics and Fluid Dynamics. She has been engaging both undergraduate and graduate students in research since she began her own graduate work in 2008. Through her work with the Montana State University chapter of Engineers Without Borders she has been active in promoting student engagement and involvement.