MSGC
2022 Summer Intern Webinar 1

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Agenda

☐ MSGC Staff
☐ Student Opportunities
☐ Networking
☐ Skill Set
☐ Final Report
☐ Presenting Research
☐ Final Report/Presentation Tips
☐ Breakout Groups
☐ Looking Forward
MSGC & EPSCoR Staff

- Angela Des Jardins
  - Director
  - Writes grant proposals, funds everyone in MT & is the PI Eclipse Ballooning Project

- Meredith Hecker
  - Deputy Director
  - Engages students & faculty about MSGC Programs and opportunities

- Chris Flynn
  - Program Manager
  - Day to day operations, finances, student wrangling

Montana Space Grant Consortium
Established Programs to Stimulate Competitive Research
Student Opportunities

- Student Travel Grants
- Research Intro Workshops
- Awards for Research in Engineering and Science (ARES)
- SPOT (Space Public Outreach Team)
- Internships
- Undergraduate Apprenticeships
- Graduate Fellowships

MSGC Student Opportunities
Networking

• I know, I’ve heard it.

• LinkedIn survey: 85% of all jobs are filled via networking (This is your hint to make a LinkedIn account if you haven’t already.)

• Benefits
  ✓ Social skills
  ✓ Connect with more/better opportunities
  ✓ Multiple mentors
  ✓ Unwritten rules
  ✓ Stand out
Skill Set

Technical skills: Are measurable, tangible proficiencies. They are teachable like reading, writing and using tools.

Career skills: Are personality traits and characteristics that are less quantifiable. They’re rooted in behavior, attitudes and values. Often referred to as “people skills” but are much more.

Types of career skills:
- Creativity
- Time Management
- Emotional Intelligence
- Effective Listener
- Adaptability
- Leadership
- Problem-Solver/
- Critical Thinking
- Collaboration
- Respect
- Flexibility
- Organization
- Motivation/
- Work Ethic
- Communication
- Elevator speech
Final Report

Clear, concise, written for a broad STEM audience and include:

- Title Page
- Table of Contents
- Summary: Length 10-15% of the final report.
- Introduction: Background & context
- Discussion: Justifies the recommendations & explains the conclusion. Share your experiences: what worked/didn't
- Conclusion: Primary conclusion, future research, link to intro
- Significance: What impact has funding had on the research & you?
  - Papers, presentations? Please cite them for us.

Page range: 2-4 pages excluding title & table of contents.
Due: Week after your internship end.
Presenting Research

Deadline: End of September

Your mentor will try to help you for your initial presentation for the MSGC Internship.

If those options don’t work out, here are some ideas:

- Home institution, ask your professors about opportunities:
  - Colloquiums
  - Clubs (Science, Math, Journal)
  - Present to peers: gather some friends and perhaps some professor (Might lead to Apprenticeship)
  - Present to US!
- MSU Students – MSU Fridays
Final Report/Presentation Tips

Suggestions to help you:

✍️ Define your research objective
✍️ Journal/Notebook
  - Project details
  - Technical skills: proficiencies
  - Career skills: leadership, networking, problem solving, etc.
  - Areas of improvement (you, MSGC, etc.)
  - Highlights

✍️ Have a writing center review your report.
✍️ Practice the presentation with your teddy bears, peers, etc.

In addition, you will be receiving an email from our external evaluator about the internship. This information is really important for us to do evaluation on the internships.
Breakout Groups

• We are going to break out into groups for 25 minutes so that you can:
  1. Get to know the other interns
  2. Build your network
  3. Have a better understanding of the other internships

• Allow for enough time (≈ 3 mins) for everyone to introduce themselves. Here’s a format so that you don’t have to think too hard:
  - Name
  - Home Institution
  - Major (minors)
  - Internship & Location
  - What are you doing in your internship (elevator speech)
  - What is your biggest pet peeve?
Breakout Groups

Pick your favorite animal from the selection and you will join that group.

➢ Pick your top 3
➢ Try to keep groups between 3-7 people, you may need to move to your next favorite animal.
Breakout Over

I was just starting to feel comfortable.
Looking Forward

We will have a few more of these webinars during the summer, here’s what you can expect:

✓ Resumes
✓ Interviewing
✓ Graduate School Planning

We welcome any suggestions (communication skills):

msgc@montana.edu

Subject: Internship Webinar 1
Thank You!

* Record this hour towards your research time

Questions for us?