Student participants continue on to graduate school or STEM careers

Student participants feel prepared to lead future STEM research

Increased number of Montana professionals that engage learners in NASA-related research

Increased collaborations amongst MT NASA-related researchers

Increased capacities among participants, leaders, and SMEs to offer inclusive, equitable STEM education

Increased connections with other STEM networks

**For student participants:**

Improved career skills

Improved development of STEM identities

Increased understanding STEM careers and access to SMEs

**For all participants:**

Increased understanding of the importance of diversity in education and the workplace

Improved understanding of diverse cultural perspectives of science

Increased ability to conduct research

Increased participation in community of STEM activities

**For student participants:**

Improved knowledge of related STEM topics

Improved attitudes toward STEM

**For all participants:**

Increased engagement with peers

Increased engagement with diverse role models

Increased participation in equitable, accessible learner-centered experiences

Increased understanding of the research process

**For Montana HE faculty:**

Increased number of proposals submitted to NASA

**Post activity surveys**

**Participant presentations, reports, and publications**

**Documentation of milestones and tasks,** e.g. 12% of student participants are underrepresented, 50% are women, 90% indicate positive impact, 90% continue to STEM employment or an advance STEM degree.

**Communications and interviews** with leaders, participants, and partners

**Advisory Board feedback**

**Participants:**

Student participants

Affiliate Representatives

MSGC leadership

Faculty members

Evaluation team

MSGC Advisory Board

Research mentors

**Organizations:**

All MT institutions of higher education

Museum and industry partners

NASA OSTEM

US Hill leaders

MT Legislature

Lead institution: Montana State University

Recruiting, selecting, and supporting students

Montana pay and housing challenges

**See SMART Objectives Document**

**Major Activities**

**Evaluation**

**Midcourse improvements**

**Evidence of Outputs and Outcomes**

**Montana Space Grant Consortium Logic Model/Theory of Change**

**Develop and connect programs**

**Build a Montana aerospace workforce**

**Network institutions, industry, government**

**Expand NASA-related research**

**Goals**

**Inputs**

**Outputs/Measures**

**Short Term**

**Long Term**

**Mid Term**

Students want to participate

Communication structure sufficient

Colleges and universities are supportive

**Assumptions**

**Outcomes and Impacts**

**Risks**