



Montana Girls
STEM Collaborative

Montana Girls STEM Kick-Off Meeting AGENDA

8:30–10am – Best Practices in STEM Education. *A panel of practitioners share their tips and ideas for implementing STEM education. Room Salon G*

- Chicks in Science, Billings – Kim Schweikert
- Garden City Harvest, Missoula – Cori Ash
- Native American Center of Excellence, U. of Montana – Wilena Old Person
- Girls Using Their Strength (GUTS!) YWCA, Missoula – Roe Erin
- University of Montana spectrUM Discovery Area – Holly Truitt

10:00 - 10:20 BREAK

10:20–11:50am – In Their Own Words: What Girls Say About STEM. *Learn directly from a panel of girls what they enjoy and recommend about STEM learning. Salon G (See bios on back)*

- Introductions: First Lady Nancy Schweitzer
- Moderator: Robin Manning, Girl Scouts of Montana and Wyoming

also...Engaging Girls with Disabilities - Best Practices and New Ideas

- Karen Peterson, National Girls Collaborative Project

Noon-1:30pm – Luncheon featuring Lisa Regalla of SciGirls. Salon D

1:45–3:15pm – Hands-on with STEM: SciGirls Style*

*Learn about the SciGirls Seven from Dr. Lisa Regalla of the Emmy-award winning PBS series "SciGirls." Salon G *This session has filled and is open only to those who registered for the Montana Girls STEM conference or for this session via 21CCLC registration*

3:15–3:30 BREAK

3:35–5:05pm – The Future of STEM Education for Montana Girls. *Learn about mini-grants and professional development opportunities, and help shape the future of MGSCP in Montana. Bitterroot Courtyard; if inclement weather, Salon D.*

Get involved!



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Partnership with AAUW members
www.aauw.org/education/ngcp

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Register with the National Girls' Collaborative Project online Program Directory! It lists organizations and programs that focus on motivating girls to pursue careers in STEM. The Directory helps organizations and individuals network, share resources, and collaborate on STEM-related projects for girls. It contains program descriptions, resources available within each organization, program and/or organization needs, and contacts. Submitted entries undergo review and verification prior to publication. <http://www.ngcproject.org/directory/>

In Their Own Words: What Girls Say About STEM

Session 2: 10:20 - 11:50am, Salon Room G

	<p>Iko'tsimiskimaki "Ekoo" Beck Age: 16, freshman at Harvard University (starting in the fall), Missoula. Favorite Activities: Running, reading, yoga, swimming, learning, knitting, writing. She is also a Girl Scout. Favorite STEM Activity: Reading David Brook's "Social Animal" Interests: Mind, Brain and Behavior track in Joint Concentration of Anthropology and Linguistics (focusing on Northern Montana language Amskapi Pikuni- the Blackfeet tribal language)</p>		<p>Jordan McCloney Age: 15, grade 10, Big Sky H.S., Missoula Interests: Space and astronomy and most any hands-on activity. She especially enjoys seeing how things work. Jordan also enjoys Girl Scouts (entering her 11th year of Scouting) and all the opportunities it provides to allow her more access to more interesting things. She also enjoys jump rope and has spent 9 years in this sport, most of which was spent on a competitive speed and freestyle team.</p>
	<p>Catherine Chaffin Age: 17, grade 12, Hellgate H.S., Missoula Favorite subject in school: Biology Favorite science activity: pig heart dissections</p>		<p>Maire Odermann Grade: 6, Homeschool Favorite subjects: Science and social studies Favorite activities: Baseball, directing and writing movies with my best friends, swimming, learning new languages, drawing, singing, playing cello, photography, taking apart things and rebuilding them and writing stories. I am on a story right now—the Amy Redfield Mysteries. Favorite science activity: Learning about and extracting DNA.</p>
	<p>Tricia Chaffin Grade: 10, Hellgate High School, Missoula Favorite subject: Spanish Favorite STEM activity: I enjoy learning about social sciences such as anthropology but my favorite science subject is learning about neuroscience/neurobiology. My favorite science activity at spectrUM is stomp rockets.</p>		<p>Leah Samuels Age: 12, grade 7, Washington M.S., Missoula Favorite activities: Reading, writing, drawing, skiing, biking, sprinting, playing with friends, solving logic puzzles, and swimming. Favorite STEM activities: Chemistry, particularly observing the physical aspects of reactions; math, especially solving number problems; and physics, mainly learning about gravity and black holes.</p>
	<p>Megan Fall Grade: 11, Frenchtown High School Favorite Activities: Reading, social networking, swimming, track and field, mind puzzles, fishing, four wheeling, camping, boating, managing other sports, collecting rocks, helping others, Girl Scout activities, and learning about history. Favorite Science and Math Activities: I love learning about Earth Sciences, mainly rocks and their formation. Also I enjoy dissections and other hands-on activities. One of my favorite things in math is to learn how it is applied to everyday life, then using it as part of the class.</p>		<p>Tessa Samuels Grade: 11, Hellgate High School, Missoula Favorite activities: Telemark skiing, mountain biking, reading, hiking, laughing, hanging out with my friends and playing with my younger siblings. I also run cross-country. Favorite STEM activities: Wildlife Biology is definitely my favorite field in science: I am especially interested in Wolf Biology. I had a wonderful time when I was given the opportunity to work with US Fish and Wildlife Service, TNC, and US Forestry Service to collect mountain bluebird and tree swallow data, and snowshoe hare scat data. I am also very interested in fire ecology and mountain pine bark beetles. I really just love science in general.</p>
	<p>Aspen Johnston-Nelson Grade: 10, Hellgate High School Favorite subjects in school: Science, English and Math Interests: Basketball, tennis, volleyball, flag football, disc golf Favorite science activity: Chemistry activities</p>		<p>Annie Schmautz Grade: 11, Hellgate High School, Missoula Favorite subject: Science, Arabic Interests: Soccer, skiing and target shooting Favorite science activity: Forensics</p>
	<p>Grace Kravik Grade: 7, Hamilton Middle School Favorite activities: Soccer, basketball, flyfishing, baking, designing clothes Favorite science activity: I love experiments where we study things like pressure, and I like chemistry. I like learning about fish biology and habitats.</p>		