



Apply for QuantumGirls: A Free Curriculum and Training Program for Out-of-School Time (OST) Educators in Montana!

Montana State University, in collaboration with the National Girls Collaborative Project, invites you to participate in QuantumGirls, a new project of the MSU Applied Quantum CORE funded by the US Air Force Research Laboratory. Ten Montana OST sites are eligible to receive free virtual training on an engaging new STEM curriculum designed for middle school, self-identifying girls, and gender-expansive youth (ages 11-14). Selected sites will also receive virtual support and a \$150 stipend for program materials.

Program Details:

Selected sites will be expected to implement at least ten hours of QuantumGirls curriculum between October 2024 and February 2025. Quantum is a growing field in which scientists and engineers learn about and maximize the properties of extremely small particles, which can support everything from agriculture and healthcare to transportation and national security.

The curriculum is designed to introduce girls to quantum science and technology-related concepts and careers in an accessible, hands-on way, featuring collaborative learning, discussions, and hands-on projects. QuantumGirls aims to spark girls' interest in quantum-related STEM topics, expose them to quantum-related careers, and foster their STEM identity.

We encourage you to adapt the curriculum to your existing programming models. No prior quantum science knowledge, special technology, or experience is necessary to lead this program!

Target Audience:

QuantumGirls is designed for middle school, self-identifying girls, and gender-expansive youth in various OST settings, including afterschool programs, museums, camps, and clubs. It is adaptable for co-ed settings.

Implementation Requirements:

- Attend a 3-hour virtual training on September 24, 2024, from 12:00 PM – 3:00 PM Mountain Time*
- Implement at least ten hours of the provided QuantumGirls curriculum between October 2024 and February 2025.
- Reach at least ten self-identifying girls/gender-expansive youth.
- Attend virtual community meetings on November 5, 2024, 12:00 PM – 1:00 PM Mountain Time* and mid-January 2025 (TBD)*.
- Complete a post-program survey.

**Program dates are subject to change based on educator availability. Scheduling conflicts will not affect your application.*

How to Apply:

[Complete this brief application](#) by August 12, 2024. Applicants will be notified by August 23, 2024. If you have any questions, please email Tara Cox, tcx@ngcproject.org.



Application Questions: (These questions are for reference only, please [apply via the google form](#) by August 12, 2024.)

- Email
- Full Name
- Job Title
- Organization Name
- Organization City
- Organization State
- What best describes your organization:
 - Afterschool Program
 - Camps
 - Club or Affinity Group
 - Library
 - Community Center
 - Museum or Science Center
 - Faith-based Organization
 - Other
- Please describe the audiences you serve:
- Briefly describe how you would incorporate QuantumGirls curriculum in your program:
- How many self-identifying girls and gender-expansive youth do you expect to reach with the QuantumGirls program?
 - 0-10
 - 10-20
 - 20-40
 - 40 or more
- How will you recruit self-identifying girls and gender-expansive youth to participate?
- Can you (or other educators at your site) participate in the 3-hour training on Sept 24 at 12 PM MT? *This is not a determining factor in your selection.*
 - Yes
 - No
- Why would you like to participate in this program?
- Is there anything else you would like us to know?