University of Rochester
Pre-College Experience in Physics
To Encourage the Participation of Women in Science

July 13 - July 24

- Learn about the "laws of physics" and engineering through team projects.
- Develop laboratory skills and familiarity with lab equipment.
- Investigate how physics concepts relate to real life.
- Interact with scientists in a range of fields and careers.
- **Have fun** with other women interested in science.

The PREP program offers a unique exploration of the world of science. Our philosophy is to inspire greater confidence and understanding in your future encounters with high school physics and open avenues to further science careers.

PREP is designed for students attending local high schools with no prior experience in physics. Participants gain first-hand experience of college life, with guest lectures by University faculty, visits to some of the University's many research facilities, a campus tour, a meeting with an admissions counselor, and lunches with undergraduates doing summer research projects in various disciplines.

Through lectures and hands-on experiments, participants explore subjects such as mechanics, electricity and magnetism, optics, acoustics, thermodynamics, superconductivity, quantum mechanics and astronomy.

No homework or tests! Participants receive a certificate of attendance.

APPLY NOW!
There is **no fee** for the program. Applicants should currently be in grade 9 or 10. This is a commuter program and participants are responsible for their own transportation and lunch.
Space is limited to 24 students. The program runs 9 am - 4 pm Monday - Friday from July 13 through July 24.

Application materials are due **April 30th**. The program is directed by Prof. Steven Manly.
For more information: Connie Jones (585)275-5306
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www.pas.rochester.edu/about/community-programs/prep

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