



## Careers You Can Explore

All students will participate in three career exploration activities. Some activity sessions are on the UW campus and may involve a short walk. Other sessions will be at workplaces a short bus ride away. On your registration form (see other side) you will need to **choose two broad career exploration areas** that interest you. We will make every effort to assign you to a career exploration activity in at least *one* of your preferred areas. You will also experience one career activity you did not choose to help expand your horizons!

### APPLIED MATH



People who like math work in many areas. They may run a business, work in the stock market, design new products, or use polls to find out what people think. Math skills are used in every science career.

### BIOLOGY & LIFE SCIENCES

Today's biologists use many techniques to study everything from disease-causing bacteria to new ways to produce food. Biologists of the future will combine an appreciation for the living world with the breakthroughs of biotechnology to make the world a better place.

### COMPUTERS IN SCIENCE

Recently, a computer named Watson beat two humans playing the game show Jeopardy!. In our daily lives, computers are everywhere; in science, computers are used to communicate information to scientists and the public at large, gather data, predict new trends (like the weather), and find cures for diseases.



### ENGINEERING

Engineers use math, chemistry, and physics along with skills in communications, critical thinking, and management to help solve practical problems that are important to society. Engineers work together to design, create, build, improve, invent -- everything from heart valves and hand-held computers to energy-efficient vehicles and flood control structures.



### ENVIRONMENTAL SCIENCE

People in the environmental field use the biological and physical sciences to keep water and air clean, and protect valuable natural resources. People who understand how to preserve and improve the quality of our environment work in many places from cities and towns to parks and wild areas, and even on the ocean.

### HEALTH & MEDICINE

Health care workers are found in hospitals and clinics, schools, laboratories, and anywhere people need advice about staying healthy. This field includes medical researchers, doctors, therapists, medical technicians, and many other careers.



### PHYSICAL SCIENCES

From the rocks of Mars to the inside of the atom, people who work in the physical sciences help us learn more about our universe. Physical sciences include astronomy, chemistry, physics, geology, and meteorology.

**Questions?**

About the Program or Registration:

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☎ Mallory Musolf at (608) 262-4932

Like Us on Facebook

Complete program information is also available on our website: [www.eyh.wisc.edu](http://www.eyh.wisc.edu)

The Expanding Your Horizons Conference, a Day of Career Exploration Activities in Science, Engineering, and Mathematics for Young Women in Middle School



EXpanDing YouR HoriZoNs

***Celebrating over 50 Years of Growth and Learning***

**SATURDAY, NOVEMBER 19, 2016**

**10:00 am - 4:15 pm**

**Union South**

**1308 Dayton Street**

**University of Wisconsin-Madison**

*The Expanding Your Horizons Conference is made possible by Edgewood College, Google Madison, Graduate Women in Science, and UW-Madison*

[www.eyh.wisc.edu](http://www.eyh.wisc.edu)