



Careers You Can Explore

All students will participate in two 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 *one* of your preferred areas. You will also experience one career activity you did not choose to help expand your horizons!

ANIMAL SCIENCE

Animal scientists use math, keen observation, and laboratory skills to learn more about the animal world. Veterinarians help keep animals healthy, and learn more about the diseases that affect them. Careers in animal science can be found from the farm to the zoo.



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

In science, computers are used for many purposes including constructing models, collecting and analyzing data, running experiments and numerous other tasks. Computers are also essential in communicating science to the public and allowing scientists to access information.



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.

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.



ENVIRONMENT

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.



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 is used in every career and the demand for people with math skills will continue to be high in the years ahead.

Questions?

About Registration:

☎ Ella Benson
(800) 236-2710, ext 1163

About the Program:

☎ Brooke Norsted at (608) 262-1412
✉ brooke@geology.wisc.edu

Complete program information is also available on our website: 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 50 Years
of Growth and Learning***

SATURDAY, NOVEMBER 7, 2009

9:30 am - 4:30 pm

Microbial Sciences Bldg

1550 Linden Drive

University of Wisconsin-Madison

The Expanding Your Horizons Conference is made possible by Covance Laboratories, Edgewood College, Girl Scouts of Wisconsin-Badgerland, Graduate Women in Science, MATC, and UW-Madison