



## Careers You Can Explore

All students will participate in three career exploration activities. Some activity sessions are on the UW campus and may involve walking outside. 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 or two career activities you did not choose.

### MATH IS EVERYWHERE



to write computer programs.

Math skills are essential for most careers in science, technology, engineering and mathematics. Biologists use math to analyze data from experiments. Chemists use math to mix up chemical solutions. Computer scientists use math

### 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 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 mobile devices 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:

✉ eyf.uwmadison@gmail.com

☎ Mallory Musolf at (608) 262-4932

Complete program information is also available on our website: <http://geoscience.wisc.edu/eyf/>

*This is not a school-sponsored activity and the Madison Metropolitan School District does not approve, support, supervise or endorse this program/activity.*

*Esta no es una actividad patrocinada por la escuela y el Distrito Escolar Metropolitano de Madison no aprueba, respalda, o promociona este programa o actividad.*



---

## A Day of Career Exploration Activities in Science, Engineering, and Mathematics for Young Men in Middle School

---

### INAUGURAL CONFERENCE

**SATURDAY, MARCH 2, 2019**

**10:00 am - 4:30 pm**

**Union South**

**1308 Dayton Street**

**University of Wisconsin-Madison**

---

*The Exploring Your Future Conference is made possible by Wisconsin Society of Science Teachers, Thermo Fisher Scientific, and UW-Madison*

---

<http://geoscience.wisc.edu/eyf/>

# EXPLORING YOUR FUTURE ♦ REGISTRATION FORM ♦ March 2, 2019

Be sure to complete ALL sections of the registration form

## ♦ REGISTRATION DEADLINE IS FEBRUARY 15, 2019 ♦

Name: \_\_\_\_\_  
*first & last*

Address: \_\_\_\_\_  
*street or rural route and box number*  
city/state/zip \_\_\_\_\_

Phone: \_\_\_\_\_

**Group Information:** For groups arriving and departing together.

Group Name: \_\_\_\_\_

School Name: \_\_\_\_\_

School City: \_\_\_\_\_

Student's Current Grade: 6<sup>th</sup> \_\_\_\_\_ 7<sup>th</sup> \_\_\_\_\_ 8<sup>th</sup> \_\_\_\_\_

Lunch Preference: Vegetarian \_\_\_\_\_ Non-Vegetarian \_\_\_\_\_

### COST: \$35 per person

Registration fee includes full-day conference and catered lunch.

**MAKE CHECK OR MONEY ORDER PAYABLE TO EYF.**

*If you need a full scholarship (\$35), check here \_\_\_\_\_.*

*If you need a partial scholarship (\$25), check here \_\_\_\_\_ and send in \$10 fee.*

### SELECT YOUR PREFERENCES!

SELECT TWO BROAD AREAS (SEE BACK SIDE FOR DESCRIPTIONS). You will be assigned to a career exploration activity in at least one of your preferred areas and one area you don't select to explore your future.

My Career Interests are: (see descriptions on back)

- Applied Math       Biology & Life Sciences       Computers in Science  
 Engineering       Environmental Science       Health & Medicine  
 Physical Sciences

Have you attended this conference before?      Yes \_\_\_\_\_      No \_\_\_\_\_

### QUESTIONS?

e-mail: eyf.uwmadison@gmail.com or call: 608-262-4932

Do you have a disability or serious health condition that EYF should be aware of (e.g., allergies, dietary restrictions, physical limitations)? (attach additional sheet if necessary)

Yes \_\_\_\_\_ What Type? \_\_\_\_\_ No \_\_\_\_\_

If you have a disability or serious health condition that may require intervention or assistance on our staff's part, please advise us above. Requests are confidential. UW-Madison provides equal opportunities in employment and programming. Translation services may be provided upon request. Student participants are encouraged to have their own health insurance as limited accident insurance is provided by the university.

### PERMISSION FORM FOR PHOTOGRAPHS/VIDEOS

I understand and agree that the University or other media may take photographs and/or videos of camp participants and activities for use in promotional materials. I agree that the University of Wisconsin-Madison and/or other media outlet shall be the owner of and may use such photographs and or videos relating to the promotion of future camps or other University programs or activities. I relinquish all rights that I may claim in relation to the use of said photographs.

\_\_\_\_\_  
*Signature of Parent/Guardian*

\_\_\_\_\_  
*Date*

### PERMISSION FORM FOR CAREER EXPLORATION SITE VISITS

I hereby give permission for my child to participate in site visits under staff supervision, and agree to hold harmless the Board of Regents of the University of Wisconsin System and other sites visited and their employees from any and all liability, injury or loss arising out of, or occurring in the course of my child's participation in this program. I certify that my child is fit to participate in all program activities. In case of emergency I grant permission for my child to be given treatment by Emergency Medical Services or at a local hospital.

\_\_\_\_\_  
*Signature of Parent/Guardian*

\_\_\_\_\_  
*Date*

Day of Conference Contact Number: \_\_\_\_\_

### IMPORTANT NOTES ABOUT REGISTRATION:

Enrollment confirmation, including directions to the event, will be **e-mailed** to you from Exploring Your Future. All applications must be signed by a parent or guardian and be accompanied by full payment or a request for scholarship aid. We are unable to accommodate special requests such as placement in a particular career track or placement with a particular friend/classmate. All participants are expected to remain at the conference for the entire day.

\_\_\_\_\_  
E-mail of parent/guardian or group leader for confirmation

This information is collected to enhance the programming efforts of the University of Wisconsin-Madison and is voluntary.

SEX: Female \_\_\_\_\_ Male \_\_\_\_\_ Birthdate \_\_\_\_/\_\_\_\_/\_\_\_\_

HERITAGE: American Indian/Alaskan Native \_\_\_\_\_ Hispanic/Latino \_\_\_\_\_ White \_\_\_\_\_

Black/African American \_\_\_\_\_ Asian/Pacific Islander \_\_\_\_\_ Other \_\_\_\_\_

*Send payment made out to EYF and signed registration form to:*

EXPLORING YOUR FUTURE

UW-Madison

Attn: Heather Daniels

270 Bascom Hall, 500 Lincoln Dr. Madison, WI 53706

The Exploring Your Future  
Conference: A Day of Career  
Exploration Activities in Science,  
Engineering, and Mathematics for  
Young Men in Middle School

## INAUGURAL CONFERENCE

SATURDAY,  
MARCH 2, 2019  
10:00 am - 4:30 pm  
Union South  
1308 Dayton Street  
University of Wisconsin-Madison



For registration information, go to  
<http://geoscience.wisc.edu/eyf/>

Registration deadline: February 15

*The Exploring Your Future Conference  
is made possible by UW-Madison,  
Thermo Fisher Scientific, and Wisconsin  
Society of Science Teachers*

### WHY?

Are you a BOY in GRADES 6, 7 or 8 who is thinking about your future? Are you unsure about what careers are out there? Do you like games and puzzles, computers, or working with your hands? Are you interested in nature, the environment, or health? Do you wonder about the stars above you or the earth beneath your feet? Do you enjoy math and science? You are not alone!

Middle school boys come to the Exploring Your Future conference to learn about the wide range of career options in science, engineering and math. Through hands-on workshops and visits to work places, they find out what it's like to work in different careers. Student participants have a chance to interact with professionals who work in a variety of fields. And they have a chance to meet others who share their interests.

You will spend your day at the EXPLORING YOUR FUTURE conference with a group of boys who share your interests. Your group will have college student leaders, and with your group you will participate in three different career exploration activities.

These active sessions will be led by professionals from universities, technical colleges and businesses and will give you a chance to try out some of the skills needed for success in a particular career. You might be able to see how researchers detect cancer cells or learn how web pages are constructed or learn how to design the inside of a building!

You will end the day with an activity where you can experience science in action!



## Conference Schedule

9:30-10:00	Registration – check in and meet your group (Varsity Hall, Union South)
10:00-10:10	Get Geared up for EYF
	Locations for career exploration activities vary and may be held at on- or off-campus sites. Transportation to off-campus sites is provided.
10:30-11:30	Career Exploration Activity 1
11:50-12:20	Lunch (provided)
12:40-1:40	Career Exploration Activity 2
2:00-3:00	Career Exploration Activity 3
3:20-4:00	Science in Action Activity
4:00-4:15	Conference Wrap-Up