

## ENVIRONMENTAL EXPLORERS

June 23–24, 2020

Day 1: 7:30 a.m.–3:15 p.m.

Day 2: 7:45 a.m.–3:30 p.m.

For students entering grades 4–6

Grab your binoculars and hip boots to discover the hidden treasures of nature living in and along the Mississippi River. Learn and perform field and laboratory techniques used by scientists studying the Upper Mississippi River. Collect and identify macroinvertebrates, the small “critters” living in the mud and swimming in the water. Identify and learn about aquatic plants, trees, reptiles and amphibians of the floodplain forest. Observe and identify birds and the nests they make. Simulate tracking animals with radio transmitters. Navigate the forest and prairie using Global Positioning System, aerial photographs and land maps.

This program is offered in collaboration by UW-La Crosse Extended Learning and the United States Geological Survey (USGS) Upper Midwest Environmental Sciences Center (UMESC).

Location:

Upper Midwest Environmental Science Center/USGS  
2630 Fanta Reed Rd.  
La Crosse, WI 54603

**IMPORTANT:** Environmental Explorers participants will spend extended time outdoors. Please send insect repellent, sunscreen and a water bottle with your students.

**Register early and SAVE!**

Register on or before May 23: \$110

Register May 24 or later: \$135

*Registration fee includes instructional materials, use of equipment, lunches and a tote bag.*

Register online or call:

WWW.UWLAX.EDU/YOUTH or 608.785.6500

Non-Profit Org.  
U.S. Postage  
PAID  
La Crosse, Wis.  
Permit No. 545

**2020 SUMMER YOUTH CAMPS**  
University of Wisconsin-La Crosse  
1425 State Street  
La Crosse, WI 54601



UW-La Crosse is an affirmative action/equal opportunity employer and is in compliance with Title IX and Section 504.

[www.uwlax.edu/youth](http://www.uwlax.edu/youth)

## Summer Youth Camps at UWL!

- Young Writers Program
- Environmental Explorers
- Hands-On Science
- Kids Culinary Academy
- Art Adventures Camp

Scholarships are available.

Learn more:

[www.uwlax.edu/youth](http://www.uwlax.edu/youth)  
or 608.785.6500



UNIVERSITY OF WISCONSIN-LA CROSSE

# 2020 SUMMER CAMPS

Join us for hands-on learning activities in a supportive, nurturing and FUN environment.



[www.uwlax.edu/youth](http://www.uwlax.edu/youth)  
608.785.6500

## JUNE 2020

June 10: Young Writers Program: Write Your Own Comic Book

June 11: Young Writers Program: Creative Writing

June 23–24: Environmental Explorers

June 24–25: Hands-On Science

June 30–July 2: Kids Culinary Academy: Cooking Session 1

## JULY 2020

July 7–9: Kids Culinary Academy: Cooking Session 2

July 13–14: Kids Culinary Academy: Advanced Cooking

July 16–17: Kids Culinary Academy: Baking

## AUGUST 2020

August 10: Art Adventures Camp: Art to Change the World

August 10: Art Adventures Camp: Form Follows Function

August 11: Art Adventures Camp: Multiples & Methods Mania

August 11: Art Adventures Camp: Painting with Beeswax & Pigments

## YOUNG WRITERS PROGRAM

June 10 & 11, 2020

8:15 a.m. –4 p.m.

For students entering grades 6–9

All sessions meet at UW-La Crosse

Do you love writing and want more opportunities to practice? Are you scared of writing and looking for a fun and friendly environment to try something new? The UWL Young Writer's Program is designed to support you in developing your writing craft no matter what your prior experience.

### June 10: Write Your Own Comic Book

A picture is worth a thousand words; learn how to tell your story in image and text! This hands-on workshop will help you identify the visual language of comics and apply it to your own creative or non-fiction stories. You don't need to be an artist to join us—just bring your best ideas!

### June 11: Creative Writing

Nurture your creative side with a day of writing activities designed to sharpen your skills of observation, analysis, expression, and communication. In this hands-on workshop, we'll look at how poems, short stories, and personal narratives are put together and practice writing our own.

**Participants can choose to attend one or both days!**

Register by May 10: \$79 per day

Register May 11 or later: \$99 per day

• *Write Your Own Comic Book registration includes lunch, instruction, a comic book to take home and supplies.*

• *Creative Writing registration includes lunch, instruction and supplies.*

Register online or call:

WWW.UWLAX.EDU/YOUTH

or 608.785.6500





# HANDS-ON SCIENCE

Formerly know as Boys Science Exploration and Girls in Science  
June 24–25, 2020, 9 a.m.–4 p.m. each day  
For students entering grades 6–8  
This camp meets at UW-La Crosse

Participate in hands-on learning and activities in an environment that is supportive, enriching and—most importantly—fun! Participants work with UW-La Crosse faculty and staff who encourage experimentation, investigation and involvement in the fields of math and science. You will be assigned four workshops (two each day) based on your ranking.

- Participate in hands-on experiments
- Learn from university faculty and staff
- Choose from 11 different workshops

## REGISTER TODAY!

Register by May 24: \$129  
Register May 25 or later: \$149  
*Registration includes day camp activities, lunches and a commemorative bag.*

Special thanks to:  
Ingersoll Rand  
Trane Inc.  
Gundersen Health System

## WORKSHOPS:

**Bouncy Ball Factory** | Heidi Masters, Ph.D., Educational Studies  
Who doesn't love playing with bouncy balls? Bouncy balls are even more fun when you get to engineer your own and test how well it bounces. Let's get together and bounce!

**Communicating with Robots** | Allison Saupe, Ph.D., Computer Science  
Science fiction movies frequently predict that robots will be working with us some day - think of R2D2 and C3PO in Star Wars, Baymax in Big Hero 6, and Rosie in The Jetsons. In this workshop, we'll explore what social roboticists consider in order to build these futuristic robot helpers.

**Cracking the Code: The Amazing Story of DNA** | Basudeb Bhattacharyya, Ph.D., Chemistry/Biochemistry, Kelly Gorres, Ph.D., Chemistry/Biochemistry  
What story consists of 3,000,000,000 letters, yet only has words made from 4 unique letters? Why it's the story of YOU! In this hands-on workshop, we will explore the biological and chemical nature of these letters, otherwise known as DNA. Come learn about this amazing molecule that makes us who we are!

**Crime Scene Investigation: The Case of Jason Worth** | Faye Ellis, M.S., Biology  
A missing heir, Jason Worth, comes from a world of money, power and mystery. Use the skills of a forensic scientist to discover who kidnapped Jason Worth by analyzing blood samples, finger prints and other evidence to solve the crime.

**Fascinating Fungi** | Todd Osmundson, Ph.D., Biology  
Found in Harry Potter's herbology textbook and Lemony Snicket's "The Grim Grotto," fungi can be as interesting in real life as they are in fiction. We will look at fungi up close in nature and under the microscope, and learn about their many roles from agents of death/disease/destruction to essential partners of plants and insects, natural recyclers, makers of medicine and other useful chemicals, and sources of delicious foods.

**It's Electric!** | Jennifer Docktor, Ph.D., Physics  
Explore the science of electricity by making objects move without touching them, building circuits with light bulbs and motors, and making an electromagnet. It will be a hair-raising experience!

## NEW! Chemistry Show:

The Department of Chemistry and Biochemistry at UWL is proud to present The Magic of Chemistry.

This hit, interactive show will include fire and ice, amazing (chemical) transformations, and EXPLOSIONS! Come join us and see why chemistry is truly magical!



**Join the CIA: Become a CLIMATE Change INVESTIGATOR and AGENT**  
Donna Bossman, Ph.D., Trane Co.  
We hear so much in the news about Climate Change. It may seem confusing, but let's look at the science and become investigators. What's climate vs. weather? What are greenhouse gases? Where do they come from? We'll make an example greenhouse gas (CO2), and you'll get to take apart and measure ice core layers to uncover how the earth's climate has changed over time. See and discuss examples of what you can do now and in future careers to help protect our planet's climate.

**Measuring Movement** | Hanni Cowley, PT, DPT, Physical Therapy  
The human body is AMAZING! The brain sends electrical signals to contract muscles, and muscles pull on bones to create movements. Learn how technology can be used to measure muscle activity and capture human motion, as well as how this information can be used to improve health, prevent injuries, and even create realistic character movements in movies and video games!

**Solving Micro Mysteries** | Anne Mach, M.S., Biology/Microbiology  
How do we catch cheaters that take performance-enhancing drugs at the Olympics? How do we determine if our food is contaminated with disease-causing bacteria? Solving problems caused by agents we can't see requires ingenious solutions. Grab a microscope, a micropipette, and your Sherlock Holmes hat to sleuth mysteries that microbiologists solve.

**The Mighty Heart: See It, Feel It, Hear It, and Work It!** | Sumei Liu, Ph.D., Biology  
The heart pumps blood throughout the body without rest for our entire lives. What is the heart made of and how does it work? In this workshop, you will learn the functions of the heart by seeing a heart model, feeling your pulses, hearing your heartbeats, and working your heart by doing different exercises.

**When Light and Matter Collide** | Kendric Nelson, Ph.D., Chemistry/Biochemistry  
From the colors we see in a rainbow to glow-in-the-dark toys, light-matter interactions are the source of these phenomena. We will investigate what matter is and how light can be reflected, absorbed, and even emitted from matter. An investigation of some common household items with unusual light-matter interactions will be undertaken.

## KIDS CULINARY ACADEMY 2020: FOODS OF MEXICO

Join us on a culinary adventure! Kids' Culinary Academy 2020's theme is, *Foods of Mexico*. Our executive chefs, sous chefs and registered dietitian will inspire your imagination and encourage your creativity as you create mouth-watering delights, sumptuous delicacies and extraordinary dishes. All sessions are held at UWL.

### COOKING

For kids entering grades 6–8

Session 1: June 30–July 2, 2020

Session 2: July 7–9, 2020

Days 1 & 2: 8:45 a.m.–3:30 p.m.

Day 3: 8:45 a.m.–5:30 p.m.

Gain cooking skills and learn to make salsa, guacamole, street tacos, quesadillas and more!

Register by May 30: \$275

Register May 31 or later: \$300

*Cooking registration fee includes: diploma, apron, chef hat, lunches and snacks.*

### ADVANCED COOKING

For kids entering grades 6–10

July 13–14, 2020

Day 1: 8:45 a.m.–3:30 p.m.

Day 2: 8:45 a.m.–5:30 p.m.

Learn advanced cooking skills integral to creating delectable Mexican specialties including: fresh tortillas and chips, horchata, salsas, enchiladas and more.

*Cooking is a prerequisite for Advanced Cooking for youth entering grades 6–7.*

Register by May 30: \$295

Register May 31 or later: \$320

*Advanced Cooking registration fee includes: diploma, chef jacket, lunches and snacks.*

### BAKING | For kids entering grades 6–8

July 16–17, 2020

8:45 a.m.–3:30 p.m. each day

Gain baking skills and learn how to create tantalizing Mexican desserts such as: butter cookies, fried ice cream, ice pops, churros, cinnamon sugar chips and more!

Register by May 30: \$220

Register May 31 or later: \$245

*Baking registration fee includes: diploma, decorating kit, lunches and snacks.*

*Evening meal guests (Cooking and Advanced Cooking only): \$15*



## ART ADVENTURES CAMP

August 10–11, 2020

For kids entering grades 6–9

Choose your own adventure with UW-La Crosse's Art Adventures Camp for kids entering grades 6–9 in the fall. Choose up to four different sessions. Learn, explore and create in the University's art education studio!

Young artists will be exposed to an array of artistic practices and media techniques while developing their studio practices and art authorship. All art materials for the sessions will be provided.

### Monday, August 10, 2020: Designer Studio

Session 1: 8:15–11:45 a.m.

Art to Change the World

Explore how ideas imbued in art can influence. You will design your own series of buttons and stickers to champion an important idea for world change.

Session 2: 12:30–4 p.m.

Form Follows Function

Explore how objects are designed for functional use. You will design your own series of objects for use at home utilizing an array of materials such as clay, fabric and cardboard.

### Tuesday, August 11, 2020: Artist Studio

Session 3: 8:15–11:45 a.m.

Multiples and Methods Mania

Engage in traditional artist studio processes to devise printed images using Gelli printing techniques. Your resulting prints can be stand-alone artworks or they can be used in the afternoon session and embedded into Encaustic works using beeswax and pigments.

Session 4: 12:30–4 p.m.

Painting with Beeswax & Pigments

You will work with a guest Encaustic artist, Carissa Brudos, to explore ancient and contemporary techniques in Encaustic (painting with beeswax and pigments). You may choose to incorporate prints made in the morning sessions or you can try something completely new.

Register by July 10: \$45 per session

Register July 11 or later: \$65 per session

*Registration includes instruction, studio time and art supplies.*

*If you are attending two sessions in the same day, please bring a sack lunch and a refillable water bottle.*

Register today: [WWW.UWLAX.EDU/YOUTH](http://WWW.UWLAX.EDU/YOUTH)  
Scholarships are available!

