NEXT FALL, when your friends ask what you did during the summer, you can say…

I worked with animals.  
I directed my own film.  
I made an edible chocolate flower.

I discovered a new career.  
I explored a new major.  
I learned how to forecast the weather.

I learned how to feed the world.  
I sponsored a legislative bill.  
I made new friends.

These are just a few of the options available to you at the 2018 BIG RED ACADEMIC CAMPS to be held this June. These career exploration camps are a chance for you to explore the UNL campus, meet people from across the country, spend time investigating an interest or potential career and have lots of fun.

2018 BIG RED ACADEMIC CAMPS will be hosted by Nebraska 4-H and UNL faculty members in various academic areas across campus. After spending several fun-filled days exploring a specific topic like filmmaking or veterinary science, we’ll invite your family to join you for a special “capstone event” where you can showcase your work.

The 4-H Youth Development program abides with the non-discrimination policies of the University of Nebraska-Lincoln and the United States Department of Agriculture. UNL does not discriminate based on sex, whether color national origin, age, religion, disability, sexual orientation, gender identity, genetic information, veteran status, marital status, or political affiliation in it’s programs, activities or employment. For non-discrimination inquiries, contact the Director of IEC/Title IX Coordinator or the Section 504/ADA Coordinator at 128 Canfield Admin. Bld., Lincoln, NE 68588, (402) 472-3417, or the Office for Civil Rights.

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Learn more at bigredcamps.unl.edu
Big Red Summer Academic Camps are residential camps; ALL housing and food will be provided for all participants throughout the duration of the camp. Space is limited and camps will fill on a first-come, first-served basis. Limited scholarships available; visit bigredcamps.unl.edu for more information.

**Discover UNICAMERAL YOUTH LEGISLATURE**

Youth will learn what it’s like to serve as a state senator. The Unicameral Youth Legislature is a four-day legislative simulation for current high school students who take on the role of a lawmaker. Student senators sponsor bills, conduct committee hearings, debate legislation and discover the unique process of the nation’s only unicameral. The conference is organized by the School of Arts and Sciences, Nebraska College of Technical Agriculture. The conference is organized by the School of Arts and Sciences, Nebraska College of Technical Agriculture.

**UNL faculty members in various academic areas across campus.**

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**ADVISORY BOARD:**

- **Chair:** Coach, Guidance Counselor, Educational Administrator
- **Vice Chair:** Teacher, Distance Learning Coordinator, Instructional Designer, Coach, Guidance Counselor, Educational Administrator
- **Secretary:** Park Ranger, Conservation Officer, Environmental Scientist, Natural Resources Manager

**To Register Visit BIGREDCAMPS.UNL.EDU**

For questions contact Lindsay Shearer at 402-472-2846 or lshearer2@unl.edu

** SIGN UP DATES: EARLY BIRD - APRIL 15 | REGULAR - MAY 1 | LATE - AFTER MAY 1 **

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**Discover ENGINEERING**

The Grand Challenges of Engineering During this one-week residential summer camp, students will learn to leverage the power of engineering and science to solve global challenges in energy, water, healthcare, or urban infrastructure, as outlined in the report entitled Grand Challenges for Engineering by the US National Academy of Engineering. This program uses a multi-disciplinary approach to problem-solving while exploring the various fields of engineering such as mechanical, civil, electrical, biological systems, and more. The session will also involve field visits to various on-campus labs and facilities such as the Tractor Test Lab, the Midwest Roadside Safety Facility, and the Nebraska Athlete Performance Lab, as well as off campus excursions to local industry to enrich students’ understanding of the practical relationships between classroom work and the real world. Communication and teamwork will be integral parts of the students’ camp experience. The camp will be led by faculty and staff from the University of Nebraska-Lincoln, College of Engineering. **There will be some pre-work required to be completed before the start of camp**

**Discover FILMMAKING**

Put your summer on the big screen! This movie-making adventure will allow you to actually make a film and spend time in the Mary Ripma Ross Media Arts Center. You’ll have access to award-winning faculty and see how motion pictures really work. Participants are encouraged to bring their own video cameras, if available. Taught by the University of Nebraska—Lincoln, Johnny Carson School of Theatre and Film.

**Discover EDUCATION**

Come learn how you can develop into a world-class educator who can teach all students to participate and lead in 21st Century! As our nation is becoming more diverse, teachers must be more aware and more inclusive of all cultures. In this camp, we will experience and discuss culture, identity, and education. You will interact with children and learn from educators in the field. We aim to recruit students from all backgrounds so we can learn more about each other and expand our understanding of diversity and education. Scholarships are available to participants in need and to participants who are the first in their family to attend college. Apply online at bigredcamps.unl.edu. Taught by the Department of Teaching, Learning, and Teacher Education.

**Discover WEATHER & CLIMATE SCIENCE**

Come and find out how scientists observe and forecast the weather as well as monitor the changing climate. During the week, participants will use instruments to make their own weather observations; learn how to forecast the weather; visit with National Weather Service forecasters; learn about the local weather and climate of Nebraska; from tornadoes to blizzards; explore how drones are used in research; learn about storm preparedness; and, using our UNL TV weather studio, each camper will create a video of their weathercaster experience in front of the green screen. We will also conduct experiments throughout the week inside the classroom as well as outside to demonstrate basic weather and climate processes. Participants will also meet actual scientists and learn more about weather and climate related careers. Spend the week with other students who enjoy weather and science just like you! Hosted and taught by the University of Nebraska—Lincoln, Earth and Atmospheric Sciences and UNL College of Arts and Sciences.

**Related Careers:** Weather forecaster, television weathercaster, weather and climate researcher, applied climatologist, climate data resource specialist, planning agencies, environmental protection agency, science teacher.

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**Discover OUTDOOR NEBRASKA**

Do you enjoy the outdoors? Are you interested in learning about conserving our natural resources? In Outdoor Nebraska you will experience, firsthand, how the systems in the natural world work together and how changes to these systems have far reaching consequences. Campers get to spend quality time outdoors and should come prepared for the elements. Taught by the School of Natural Resources.

**Discover VETERINARY SCIENCE**

Explore various aspects of veterinary medicine and discover what veterinarians need to know to help sick animals. Learn about anatomy, bacteriology, parasitology, and surgery. Learn how to give an animal a physical examination. Learn from scientists and veterinarians studying how animal diseases are diagnosed, treated and prevented. Learn about an exciting career as a veterinarian. Taught by the University of Nebraska—Lincoln, School of Veterinary Medicine and Biomedical Sciences.

**Related Careers:** Veterinary Medicine, Veterinary Technology, Pharmaceutical Sales and Development, Government Services