

*“Science is a great game.
It is inspiring and refreshing.
The playing field is the
universe itself.”*

*Isidor Isaac Rabi, U.S. Physicist,
Nobel Prize Winner 1944*

The CNOS Foundation Science Classic is offered in memory of Dr. Stephen Noel to challenge young people in a unique hands-on camp environment to experience chemistry, physics, anatomy and physiology in a whole new way. During this 4-day camp, you'll exercise your scientific curiosity, spark your interest in learning new things and meet people from all across Siouxland.



The mission of CNOS Foundation is improving the health of people of Siouxland. We accomplish this mission through various community health educational efforts (continuing education credit symposiums for healthcare providers), sports medicine and performance services (covering area high schools and colleges) and community health and sporting activities (NAIA national tournaments and CNOS Classics).



In loving memory of Dr. Stephen Noel

Dr. Steve Noel was an Orthopedic Surgeon with CNOS from 1992 until his passing in October 2007. What he really loved about being a physician was using what he learned in medical school, residency and from his colleagues to improve his patients' lives. He had always been curious as a child and as an adult he realized this led to a lifelong passion for learning. He loved encouraging this curiosity in others and using it as a chance to teach, from Family Practice residents to his sons' school classmates. The Noel family is honored to partner with the CNOS Foundation to memorialize their father and husband with this unique opportunity to encourage academic growth and scientific aptitude in Siouxland's young people.

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SCIENCE CLASSIC

2018

CNOS

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575 SIOUX POINT ROAD | DAKOTA DUNES, SD 57049
CNOSFOUNDATION.ORG

JUNE 4 – 7 & JULY 9 – 12
BISHOP HEELAN CATHOLIC HIGH SCHOOL
FALL 2018 6TH, 7TH & 8TH GRADE

CNOS FOUNDATION

SCIENCE CLASSIC

2018



REGISTRATION

Classic is open to first 20 participants per grade level!

9am–Noon
June 4–7 & July 9–12
Bishop Heelan Catholic High School

Open to all area students entering 6th, 7th and 8th grades in 2018-19 school year.

Name:

Grade (entering Fall 2018): 6th 7th 8th

Address:

City: State: Zip:

Email:

Phone:

Camp Date: June 4–7 July 9–12

T-Shirt Size:

Youth Sm. Med. Lg. XL

Adult Sm. Med. Lg. XL

Cost: \$50. Includes snack, t-shirt and field trip on last day.

(Please make check payable to:
CNOS Foundation)

6TH GRADE



Anatomy and Physiology of the Human Brain: Sheep brain dissection; study and visualize how different areas of the brain influence body movement and function.



Matter: Solids, Liquids and Gases: Test and observe atoms and molecules at work in elements and compounds, mixtures and pure substances.



Levers and Forces in the Human Body: Experiment with the physics behind our bodies in movement, how our muscles and bones use force and levers to perform work.

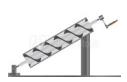
7TH GRADE



Anatomy and Physiology of Circulation and Respiration: Learn how our kidneys filter our blood and how our lungs exchange gases.



The Water Molecule and Changes of State: Explore freezing, melting and evaporation and how different substances dissolve in water. Learn the ups and downs of pH.



Physics and Water: Demonstrate principles of water pressure, buoyancy, and flow. Learn and practice accurate measurement and graphing.

8TH GRADE



The Cardiovascular System: At work and at rest activities demonstrating the fundamentals of the heart function and circulation.



Chemical Change: Experiments demonstrating chemical reactions, neutralizing of acids and bases, formation of precipitates.



Balance, Motion and Fluid Mechanics in our Bodies and Around Us: Perform a variety of experiments demonstrating balance in the human body at rest and in motion; learn the principles behind fluid movement.

*Exercise your scientific curiosity,
spark your interest in learning
new things and have a good time
meeting new people during
the CNOS Foundation
Science Classic!*



Return completed registration and payment* to:

Ruth Klein
CNOS Foundation
575 Sioux Point Road
Dakota Dunes, SD 57049

Questions? Contact Ruth Klein at 605.217.2817

*PAYMENT MUST ACCOMPANY REGISTRATION