

## DISCOVERY LABS

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*Discovery Labs* are an exciting selection of add-on classes that allow students to explore health science one step further. Through a fun, experiential learning approach, students are challenged to think creatively, collaborate and problem-solve. Each Discovery Lab encourages curious minds of all ages to think in new and different ways about their own health. Labs are aligned to state and national standards and integrate Science, Technology, Engineering, Art, and Math (STEAM) content.

- **Must be booked at least 20 business days in advance. After that period, all activities are subject to availability (depending on staff and supplies)**
- **Offered on a first come, first served basis**

*DNA Lab* \$5 per student (1 hour)

Students learn about their DNA make up, enjoy an advanced Scavenger Hunt, and take home a necklace with their very own DNA.

*DIY Labs: Dissect it Yourself* (45-60 min)

DIY Labs are hands-on dissections for all ages. Students will get a chance to actively explore the structure and function of organs.

- *DIY Owl Pellet* \$5 per student
- *DIY Cow Eye Dissection* \$ 5 per student
- *DIY Sheep Heart* \$8 per student
- *DIY Sheep Brain* \$15 per student

***Amazing Body Lab*** - \$10 per student (75 min) - max. of 30 students

Take a sneak peek inside the human body and explore our SynDaver, a medical simulator that has been seen on Mythbusters and Grey's Anatomy. Not only will anatomy come alive, but students will try their hand at real surgical skills as they scrub up, dissect, and practice stitching and suturing. Bring a steady hand and an excitement for learning.

***Clinical Case Lab - Diabetes*** - \$8 per student (60 min) –max 25 students

Brought to you in collaboration with the Chicago Museum of Science & Industry. Students will do much more than trying on a stethoscope and performing compressions on a non-responsive dummy in this Lab. They will step into the role of “Doc for an Hour”—complete authentic medical tests using professional lab tools, work with a state-of-the-art human patient simulation robot, analyze test results, develop a diagnosis, and suggest treatment for illness. Upon completion of the Lab, students will feel empowered to take greater initiative in improving personal, family and/or community health.

***Clinical Case Lab – Air Pollution & Your Health*** - \$8 per student (60 min)- 25 students

Brought to you in collaboration with Environmental Defense Fund

This class offers a unique immersive experience in which students will have the opportunity to learn about air pollution and its impact on human health. Through interactive, hands-on activities, students will learn about air pollutants, air quality measurement techniques, the effect of air pollutants on human health, asthma as a condition affected by air quality, the importance of environmental factors, and novel strategies and technologies to improve air quality and environmental health. Our program simulates a real-life clinical scenario in which students perform and analyze authentic medical tests, use professional clinical and lab tools, and interact with a state-of-the-art human patient simulator. Clinical Case Lab empowers students to take greater initiative in improving personal, family, and community health.

***Nutrition Lab*** - \$5 per student (60 min) - max. of 25 students

Students will whisk and stir their way through hands-on cooking activities including lessons on eating a balanced diet, understanding the importance of micro and macro nutrients, and reading food labels. Participants will have the opportunity to feast on their culinary creations and take home healthy recipe cards incorporating foods that promote optimal growth and development of specific body systems.