STUDENT AGENDA:
Session assignments are listed on students name tag based on pre-selected sessions during registration. Due to classroom space, safety, and as a courtesy to our presenters, we are unable to accommodate session changes or additions. Volunteers will be stationed throughout the first and second floors to assist students in locating their sessions.

8:00 to 8:45 a.m.  
Check-in and grab-and-go breakfast  
Atrium, first floor

9:00 to 9:30 a.m.  
Opening Session with Students and Adults  
Prem Sahai Auditorium, 111

9:35 a.m. to 12:00 p.m.  
Students will rotate through four—30 minute sessions

9:35 to 10:05 a.m.  
Session 1
10:10 to 10:40 a.m.  
Session 2
10:50 to 11:20 a.m.  
Session 3
11:25 a.m. to Noon  
Session 4—designated parent observation  
Complete evaluations; program concludes

Anesthesia Simulation  
Learn about anesthesia, or medicine that is used during surgical procedures to monitor pain and comfort of a patient. Through interactive activities and simulations, you will see how anesthesiologists prepare to handle the worst case scenario in a surgery.

Chemistry in Our World  
Experience what it’s like to be a chemist through fun hands-on experiments that illustrate key chemical concepts that show the power of beauty and chemistry.

Inside Science & Small Wonders: How Microbes Shape Our World  
Discover microbes (tiny organisms that cause disease) and how they spread as you explore the world of research and how new treatments come from biomedical discoveries!

Learn like a Nurse  
See how nurses are educated and perform hands-on experiences to explore what nursing students learn through simulations.

Med Student 101  
Learn what it takes to succeed in medical school by learning how to perform basic physical examination skills.

Gross Anatomy  
Do you ever wonder how we do what we do every day? In this session, you will learn about parts of the human body and what function they play as you examine human organs.

Emergency Medicine  
Discover what it takes to be a paramedic and respond to emergency medical situations. You will practice responding to these types of situations using simulation dummies to learn CPR and AED use.

Hawk-Eyes on Science and Hawkeyes in Space  
Explore physics through hands-on demonstrations and discover astronomy, electricity, optics, and more! See and feel for yourselves the forces in nature that make up the world.

Medications and Mixtures: Making Your Own Lip Balm  
See what it’s like to ‘mix stuff up’ in a pharmacy lab by making your own lip balm and learning about pharmacy school with current University of Iowa pharmacy students.

Mock OR  
Learn about the different jobs that make the operating room run effectively. You will also take a look at the surgical instruments used during operations.

Neuroscience: Be a Brainiac  
Challenge yourself with hands-on neuroscience activities that test your perceptions and challenge your brain. Learn about the nervous system and how it affects your behavior.

Orthopedics: Bad to the Bone  
Look at x-rays to identify broken bones. Learn about treatment methods including surgical techniques and casting, as you take a look at some surgical implants and try your hand at casting.

Crime Investigation  
Join our laboratory science team to help solve a crime. See how laboratory scientists use their skills and resources to test specimens and find out “who dunnit?”.

Engineering Surgical Skills  
See how engineering ties into health care as you practice using surgical simulation devices created by engineers at the University of Iowa that are used to train orthopedic surgeons on key parts of surgeries they commonly perform.

A Stitch in Time: Surgery Technique Simulation  
Learn about a career in surgery and practice your surgical skills including surgical knot tying, suturing, and laparoscopic surgery with medical students.