



Dear High School Science Teachers,

Crossroads AHEC continues to provide hands-on experiences for students. Our presenters guide your classes in identifying, understanding, and exploring different body organs. We also inform students what health care careers relate to the organ being dissected. Crossroads provides all the equipment, organs, and materials needed for each lab below.

#### Heart Dissection

This presentation begins with a quick review of the anatomy of the heart and the pathway of the blood flow through the heart. Students are grouped in pairs to dissect the pig's heart and can identify the atriums, ventricles, and valves. Our presenter will also bring an additional pig's heart to use as a demonstration while guiding the class through the dissection.

This lab takes 60-90 minutes and has a fee of \$200 per class.

#### Integumentary System & Suturing

After reviewing the integumentary system, we will then instruct the class on how to stitch sutures. Students will be in groups of two to practice suturing on a chicken wing or a silicone demonstration tool. Your class will learn to apply, tie, and remove stitches on a skin that is very similar to that of humans.

This lab takes 60-90 minutes and has a fee of \$120 per class.

#### Chicken Wing Dissection

With the chicken wing presentation, students will review the musculoskeletal system. Your class will understand how a chicken's wing is like the human arm. Working with a partner, students will remove the skin to discover joints, muscles, bones and connective tissues while learning their functions.

This lab takes 60 minutes and has a fee of \$100 per class.

#### Our Presenters

Either Rochelle Lambertsen and/or Brendan Schnopp will be attending your class(es). Both presenters are non-traditional students with Bachelor's Degrees, have returned to school, are currently studying for the MCAT and applying to Medical School in 2022. They each have worked in a variety of healthcare professions and look forward to encouraging your students to pursue careers in the health sciences.

All per class prices are available for up to 35 students, if you have a larger class, we can give you the additional fee when you contact us. Please contact us via e-mail to arrange the dates that are best for your schedule or with any other ways we can help you.

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