

# James Sharer Outlines the Academics Required for Medical Career Foundation

*James Sharer is studying Biology at Pennsylvania State University, and plans to go on to medical school once he has obtained his Bachelor's degree.*

DOWNINGTOWN, PA, USA, July 24, 2014 /EINPresswire.com/ -- As a Penn State Biology major, [James Sharer](#) was encouraged to select options to further his understanding of the field. He chose Vertebrate Physiology, which means he focuses on animal physiology and anatomy. This option is for students interested in medicine, like [James Sharer](#), and also for students of dentistry, pharmacology, and animal physiology.

Students intending to complete their biology degree may also choose from three other options. These are Plant Biology, which focuses on the morphology, systematics, and physiology of plants and fungi; Genetics and Developmental Biology, which focuses on genetics, genetic engineering, and plant and animal development; and Neuroscience, which focuses on the development, biochemistry, physiology and aging of the central and peripheral nervous system.

[James Sharer](#) wants to become a doctor so that he can dedicate his life to helping those who are in need. He knows as well as anyone what a lengthy process this can be. After he completes his undergraduate work, James Sharer will spend four years in medical school. After that, he will need to do his residency, which is usually anywhere from three to seven years. James Sharer may choose to do a Fellowship after that, which will probably add a couple of years to the experience.

Let's look at this first purely from the perspective of personal investment and expectation. To practice medicine, first, you have to go to medical school. That's four years right there. Then, there's residency, which adds anywhere between three and seven years to the deal. After that, there may be a fellowship, sometimes two fellowships, because really, at that point, what's another year or two (or six)? So basically, from the moment you start into medical school to the moment you finish your training, you're looking at a minimum of seven years—for most people it's closer to ten—before you're even close to being considered a "real" doctor.

The desire to help people, which is the motive compelling James Sharer to devote so many years of his life to study, is one of the most common reasons people choose medicine as a career. Others choose medicine as a career because of an interest in, and aptitude for, science. Still others have cited a personal medical experience – having been a sick or injured child, for

example, and being greatly impressed by a medical professional; or having cared for a sick parent or other relative. Some people choose medicine because they think they'll make a lot of money that way; and for many more, it is as simple as a familiarity with the discipline through having a relative, like a parent, who is a doctor.

James Sharer has always been an outstanding student. He was a member of the National Honor Society when he was in high school, and has maintained a 3.74 grade point average through this collegiate career. With his dedication to helping those who need it the most, James Sharer is likely to become an excellent health care professional.

About: James Sharer is studying Biology at Pennsylvania State University, and planning a career in medicine.

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