

# THE PURDUE LECTURE HALL

Thursday April 22, 2021 @ 2:30pm

Zoom Meeting; <https://purdue-edu.zoom.us/j/93584976446?pwd=dWtEaTFVeHlSVnNWN1A5NzA2QzY5Zz09&from=addon>

Guest Speaker: Conner Earl, MD/PhD Graduate Student, IU School of Medicine, Purdue Weldon School of Biomedical Engineering

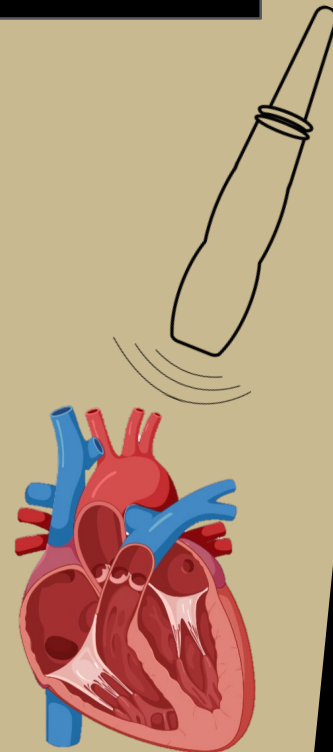


## Topic: Getting to the Heart of Engineering: My Journey as an MD/PhD Engineering Student

The Medical Scientist Training program, or MD/PhD, is typically an 8-year program that allows students the opportunity to earn both an MD and a PhD in an area related to medicine. Because of this training, graduates are uniquely qualified to pursue a career as both a medical doctor and trained scientist.

While I am still beginning my journey, I will explain what led me to choose this career path and what I plan to do in the future. I will also discuss the tremendous opportunity I have to study biomedical engineering at Purdue and be trained as a physician engineer and innovator.

I will focus my talk on the research opportunities I have had and the current research I am working on to study heart disease in children using biomedical imaging and engineering -based analysis of heart motion. I will also explain my work to help foster research and innovation for desperately needed medical technology for children.



Speaker Background: Conner is currently in his 2<sup>nd</sup> year of the combined MD/PhD program with Indiana University School of Medicine and the Purdue Weldon School of Biomedical Engineering. He is currently completing his first year of his PhD program. Conner is originally from Las Vegas, NV and completed his undergraduate degree in Chemical Engineering at Brigham Young University in Provo, UT. Conner has worked in many research areas including protein engineering, medical device development, pharmaceutical development, cardiovascular flow modeling, and is currently studying the applications of biomedical imaging to better understand and diagnose heart disease in children. Conner enjoys cherry flavored Speedy Free from the Speedway gas station, frisbee golf, and playing with his 3-year-old daughter.