

Jump Simulation Opening Doors to Biomedical Engineering Careers

NO B-ROLL

Jump Simulation is well-known for the unique Science, Technology, Engineering, Art and Math ([STEAM](#)) opportunities it provides middle and high school students interested in medical and engineering careers. The OSF Innovation entity has recently expanded its course offerings to those who plan to enter [medical school](#). New this year, Jump is giving motivated undergraduates the chance to learn more about bioengineering and design within OSF Healthcare.

Biomed Voz-1 :13 ...health care system.

“We talk about the process of biodesign, the interview process, the creation of specifications and the design and the development of a particular device that has value to the health care system,” said John Vozenilek, MD, vice president and chief medical officer for Jump.

The five-week summer program allows participants to explore the clinical environment, work alongside health care experts and gain experience designing, testing and creating a medical education tool that helps clinicians hone their skills and ultimately, improves patient care.

Biomed Voz-2 :19 ...something productive.

“Students who engage in this program will get content in biodesign, content in computer-assisted design or CAD, three-dimensional modeling and 3D printing,” said Vozenilek. “I think one of the most things will be that they will learn how to work as a team to do something productive.”

Along the way, students will learn how to work in a professional environment, build a project portfolio and most importantly, contribute to improving health care.

This course will be held Monday, Wednesday and Friday from 8:00 a.m. to 4:00 p.m., July 2 through August. More information and registration is available on the Jump [website](#).