



St. John's University Increases Student Engagement with JoVE Core: Biology



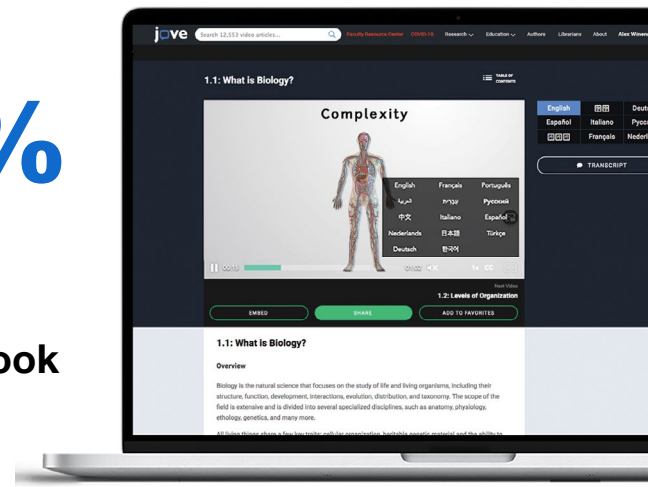
Spring semester 2019, Dr. Jiyun Kim of St. John's University began using JoVE Core: Biology in her undergraduate Introduction to Anatomy & Physiology course. 147 pre-health career students among two sections were given access to the video textbook as a supplement to their traditional textbook. 84.9% of students utilized their JoVE Core access and Dr. Kim reported significant increases in student engagement and learning outcomes.

JoVE Core: Biology

A video textbook that brings key concepts to life through high-impact animations and scientist-in-action videos of experiments being conducted in laboratory settings. Covering topics in various branches of biology, from genetics to ecology and beyond, and featuring 9 voice-over translations (English, Chinese, Dutch, French, German, Italian, Korean, Russian and Spanish), JoVE Core: Biology can serve as an effective primary or supplementary teaching resource.

85.3%

of students find
JoVE Core more
attractive than a
traditional textbook



“People in my generation prefer using technology for school because that is what we were born into and helps keep us interested in the subject”



“Using a textbook that is interactive is helpful and much more efficient for me. Watching the videos keeps me involved and engaged with the material.”



“You get a visual view of the material and can actually picture how parts of the body functions. It's very useful in remembering the material for the exams.”

Student reaction to JoVE Core as a supplement to primary course materials

36.4%

Useful, really made a difference

48.5%

Sometimes useful, helped in certain topics

12.1%

Did not make a difference

3%

I didn't understand how it helped



“JoVE Core directly contributed to my students having an easy, positive and enjoyable learning experience. They found the animated videos to be accessible, interactive and novel. JoVE Core helped me positively increase student engagement while maintaining my high learning standards. It's a powerful pedagogic tool to promote academic equity, inclusion and diversity. I recommend the school's library subscription make the material available to all students as a supplementary learning tool”

—Jiyun Kim, M.D., Ph.D.,
Associate Professor at Saint John's University

