

1 THOUSANDS OF VIDEOS across a multitude of disciplines

The JoVE library spans 17,000+ videos across a wide variety of STEM subjects — from biology and chemistry to environmental science, engineering, clinical science, psychology and more.

17,000+
videos

140,000+
hours of content

1,200+
new videos per year

2 Watch experts do REAL SCIENCE in real laboratories

JoVE videos present real science and live demonstrations of actual lab experiments, done by experts. This enables students to better understand how to apply concepts in the real world, acquire an in-depth understanding of complex science topics and learn how real lab equipment is used to perform key techniques. Unlike gamified or simulated lab experiments, exposure to real-world science better prepares science major and non-major students for hands-on lab work.

3 Solutions for scientists and students at ALL LEVELS

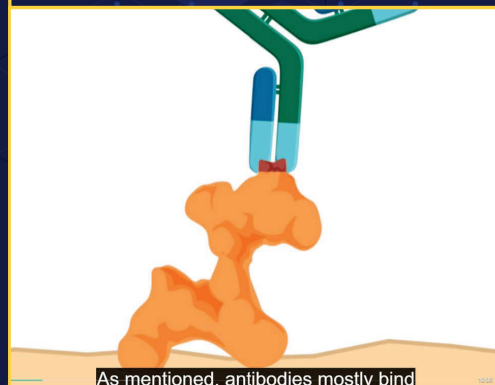
JoVE videos support scientific research and education at all levels, covering everything from the fundamentals to advanced methods and concepts in science, engineering and medicine. JoVE videos are used not only in the classroom but also for lab applications such as training and research.



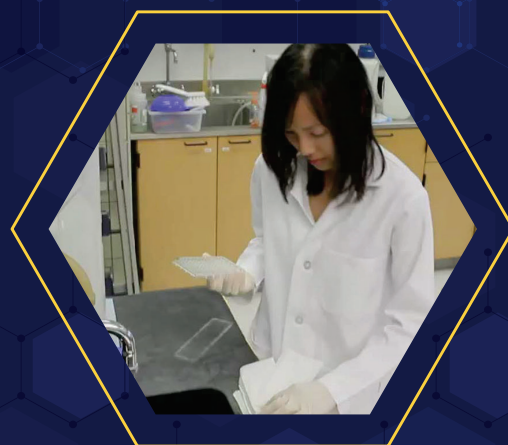
JoVE proved to be an excellent resource to showcase real scientists using real methods in a laboratory...It also offers a great way to introduce real-life applications of methods that would at times be too expensive or impractical in a teaching lab, which generally has very limited time available.

— Dr. Kristian Schlick
Instructor, Department of Chemistry & Biochemistry
Montana State University, USA

Detailed animations explain and help visualize the **theory behind an experiment**



Step-by-step video demonstrations bring the protocol to life



Demonstrations and animations together illustrate **higher-level processes** as well as those **not visible to the human eye**



The images are taken from one of the most-viewed JoVE videos, The ELISA Method

Additional benefits of using JoVE:

Ease of Use

JoVE is **available 24/7, worldwide**. With subtitles in **10+ languages** and **downloadable text protocols**, JoVE videos are perfect for **diverse groups of students**, including those who require a different pace of instruction, and those with hearing or sight impairments.

No particular technical specification is needed to watch a JoVE video, navigation features are easy to use and unlimited playbacks are available on any device.

Increased Student Engagement

High-impact animations and easy-to-understand video demonstrations of experiments illustrate key concepts and lab techniques; improving learning outcomes and preparing students for independent research, internships, and jobs.

Educators can increase student engagement through several tools including quizzes, interactive video mode, featured playlists, and more.

Effective Tool On-campus And Remotely

JoVE videos can facilitate success in flipped, in-person, hybrid, and virtual classrooms such as online lab courses, helping campuses prepare for any instruction model.

JoVE content can also be seamlessly integrated with online learning platforms such as Zoom, Microsoft Teams, Google Classroom, as well as learning management systems.

All users across an institution can have unlimited and **simultaneous usage of all subscribed JoVE content**. User access automatically granted based on IP or institutional email address eliminates the hassle of setting up licenses for each user.

TOPICS COVERED BY JoVE EDUCATION PRODUCTS

SCIENCE EDUCATION	ADVANCED BIOLOGY	BASIC BIOLOGY	CHEMISTRY	CLINICAL SKILLS	
	Neuroscience Developmental Biology Genetics Cell Biology Immunology Microbiology	General Laboratory Techniques Basic Methods in Cellular and Molecular Biology Biology I: yeast, Drosophila and C. elegans Biology II: Mouse, Zebrafish, and Chick Lab Animal Research Lab Safety	General Chemistry Organic Chemistry Analytical Chemistry Biochemistry Organic Chemistry II Inorganic Chemistry	Physical Examinations I & II & III Emergency Medicine and Critical Care Nursing Skills Coronavirus COVID-19 Procedures Physical Examinations IV	
	ENGINEERING	ENVIRONMENTAL SCIENCES	PHYSICS	PSYCHOLOGY	
	Bioengineering Electrical Mechanical Mechanical Engineering Chemical Engineering Structural Engineering Biomedical Engineering Materials Engineering Aeronautical Engineering	Environmental Science Environmental Microbiology Earth Science	Physics I & Physics II	Behavioral Science Experimental Psychology Cognitive Psychology Developmental Psychology Neuropsychology Sensation and Perception Social Psychology	
	LAB MANUAL	CORE	JoVE BOOK	JoVE QUIZ	BIOLOGY CHEMISTRY
					BIOLOGY CHEMISTRY MOLECULAR BIOLOGY SOCIAL PSYCHOLOGY ORGANIC CHEMISTRY STATISTICS PHYSICS CELL BIOLOGY NURSING
					CHEMISTRY
					<ul style="list-style-type: none"> The Chemical Context of Life Biochemistry of the Cell Cell Chemistry and Bioenergetics Science Education: Physics II