



# UNLIMITED

The complete JoVE video library provides the breadth and depth needed to meet the needs of science students and researchers at all levels. With videos illustrating basic and advanced concepts and methods, novel experimental research and more, JoVE videos maximize productivity from the classroom to the advanced research laboratory.

JoVE Unlimited automatically updates with all new JoVE content and products as they are released, keeping users up to date with scientific developments and educational resources.

## Partnering With JoVE Today

- **Free syllabus mapping and customized playlists for teaching, research and training**  
JoVE's staff Ph.D.'s can map JoVE content to any syllabus or lab training program and create shareable playlists.
- **Seamless integration with online learning platforms**  
such as Zoom, Microsoft Teams, Google Classroom, as well as learning management systems.
- **Faculty-supporting webinars**  
with a Curriculum Specialist, who can help incorporate JoVE videos into any syllabus or lab training program.

# 24/7

Access worldwide

# 16,000+

Videos

## Improve Learning Outcomes With JoVE



### Improve student engagement and learning outcomes

JoVE videos enable quick in-depth comprehension of complex science topics, improving student performance by up to 100%.<sup>1</sup> Videos demonstrating laboratory protocols and concepts also help science major and non-major students prepare for lab work: in studies on the effectiveness of JoVE videos, 90% reported feeling more confident in the lab.<sup>2</sup>



### Streamline lesson planning

JoVE videos can save faculty 30+ minutes of lesson planning and facilitate success in in-person, flipped, and virtual classrooms, such as online [lab courses](#). In addition, free syllabus maps, personalized video playlists, and customizable tests are available to support instruction.

*"The JoVE videos are an excellent teaching aid and can be used to support teaching of 1st year through to PhD studies, and for both text book learning as well as complex experimental procedures."*

—Craig L. Bennett, MSc, Ph.D., Senior Lecturer  
in Molecular Biology, University of Lincoln

## Accelerate Research With JoVE



### Improve reproducibility and productivity

As a young researcher, JoVE's co-founder and CEO Dr. Moshe Pritsker realized that videos could capture the intricate details of complex experiments better than text alone, making them easier to replicate and improving productivity.

*"It [watching a JoVE video] can actually bring other researchers to the point where they can, in their laboratory, get the same results that we were getting in the JoVE publication."*

—Marilene Pavan, Lab Manager at Boston University



### Save time, money and resources

JoVE videos save time and money spent on travel and resources oftentimes needed to reproduce a complex experiment or learn a new technique under expert guidance. After adopting JoVE videos, Valerie Rezek, Lab Manager at UCLA, saved 2,336 work hours, 20% of lab resources, and at least \$5,700 in personnel costs, based on salaries.



### Enable faster onboarding and training of new lab members

JoVE videos make onboarding and training more efficient, and preserve knowledge in the lab by providing a consistent reference point for new researchers working on old or ongoing projects.

*"Instead of trying to learn a technique from the literature for six months, new researchers can master the method in a few days. As such, everything is streamlined with JoVE."*

—Jeanette Moore, Lab Manager at the University of Alaska Fairbanks

<sup>1</sup> Mutch-Jones, K., Sengupta, N., Minor, V. C., & Goudsouzian, L. K. (2020). Professional science education videos improve student performance in nonmajor and intermediate biology laboratory courses. *Biochemistry and Molecular Biology Education*. Advance online publication. <sup>2</sup> Ramachandran, R., Sparck, M., & Levis-Fitzgerald, M. (2019). Investigating the Effectiveness of Using Application-Based Science Education Videos in a General Chemistry Lecture Course. *Journal of Chemical Education* 96(3), 479-485.

## JoVE Core

Video textbooks for introductory courses that can serve as effective primary or supplementary teaching resources. Key concepts are brought to life through high-impact animations and scientist-in-action videos of experiments conducted in laboratory settings.

- **JoVE Core: Biology**
- **JoVE Core: Chemistry**
- **JoVE Core: Molecular Biology**
- **JoVE Core: Social Psychology**
- **JoVE Core: Organic Chemistry**
- **JoVE Core: Statistics**
- **JoVE Core: Physics**
- **JoVE Core: Cell Biology**

## JoVE Lab Manual

Curriculum-focused video resources that support teaching and learning of commonly taught introductory labs. Three separate videos with step-by-step instructions for each lab experiment illustrate lab preparation for instructors, key theoretical concepts, and a protocol for students.

- **JoVE Lab Manual: Biology**
- **JoVE Lab Manual: Chemistry**

## JoVE Book

JoVE Book is the multimedia super textbook for undergraduate courses. The scientific concepts and practices are conveyed through video demonstrations, and supplemented with in-depth text explanations and practice quizzes.

- **JoVE Book: Chemistry**

## JoVE Science Education

Revolutionary video library dedicated to teaching scientific and clinical fundamentals through easy-to-understand video demonstrations. With text translations and subtitles in over 10 languages, 500+ videos on topics commonly taught in science courses capture key conceptual and methodological details that are difficult to visualize using text alone.

- **Advanced Biology**
- **Basic Biology**
- **Chemistry**
- **Clinical Skills**
- **Engineering**
- **Environmental Sciences**
- **Physics**
- **Psychology**

## JoVE Encyclopedia of Experiments

These first-of-their-kind online video encyclopedias of advanced research experiments combine animations visualizing theory and videos demonstrating techniques in real university laboratories.

- **Encyclopedia of Experiments: Biology**
- **Encyclopedia of Experiments: Biological Techniques**
- **Encyclopedia of Experiments: Cancer Research**

## JoVE Journal [Indexed in PubMed, Web of Science, SciFinder, Scopus and SCI Expanded]

The world's first peer-reviewed scientific video journal. Scientific research is published in video form alongside text protocols, bringing to life the intricate details of experimental methods. JoVE Journal publishes research across 13 disciplines:

- **Behavior**
- **Biochemistry**
- **Bioengineering**
- **Biology**
- **Cancer Research**
- **Chemistry**
- **Developmental Biology**
- **Engineering**
- **Environment**
- **Genetics**
- **Immunology & Infection**
- **Medicine**
- **Neuroscience**