



## ACCESS FOR OHIOLINK

JoVE videos illustrate key concepts and lab techniques in science, help educators worldwide achieve their strategic teaching objectives, boost student engagement and improve learning outcomes.

High-impact animations and easy-to-understand video demonstrations of experiments enable faculty and students in science courses to get the most out of teaching and learning, be it on campus or remotely.

### Partnering With JoVE Today

- **Free syllabus mapping for faculty:** JoVE's staff Ph.D.'s can map JoVE content to any syllabus and create shareable playlists.
- **Seamless integration with online learning platforms** such as Zoom, Microsoft Teams, Google Classroom, as well as LMSs (learning management systems).
- **Subscription-supporting collateral** at no cost to the library — digital posters, newsletter PDFs, information sheets, etc.
- **Faculty-supporting webinars** with a Curriculum Specialist, who can help instructors incorporate JoVE videos into their courses.



# OhioLINK

An OH·TECH Consortium Member

Studies show that after watching JoVE videos,

**96%**  
of students reported  
better concept  
comprehension<sup>1</sup>

Science test scores  
increased by up to  
**100%**<sup>2</sup>

**90%**  
of students felt more  
confident in the lab<sup>2</sup>



### 24/7 Access for Faculty and Diverse Student Bodies

JoVE is available 24/7, worldwide. With subtitles in 10+ languages and with video transcript, JoVE videos are perfect for diverse groups of students, including those who require a different pace of instruction than their peers and those with hearing impairments.

*"I found it [JoVE] to be extremely useful for what I'm going to be needing to do [teaching remotely]... There's something there for everyone, all types of learners... especially when delivery of content could change really rapidly"*

—Peter Ronai, Clinical Professor of Exercise Science at Sacred Heart University



### Improved Student Learning Outcomes and Engagement

JoVE videos enable quick in-depth comprehension of complex science topics, saving in-class time for higher-impact teaching activities previously spent on concept explanation. The videos can improve student engagement and learning outcomes by over 50%<sup>1</sup>, and facilitate success in flipped, in-person, hybrid, and virtual classrooms.

*"The videos look very sleek and are scientifically accurate, I think their content is ideal for a quick recap revision ahead of exams."*

—Caroline Pellet-Many, Lecturer in Biomedical Sciences at the Royal Veterinary College



### Streamlined 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.

*"Highly structured content. Easy to share/embed into online lectures and courses. Content is curated and peer-reviewed. Most videos come from scientist[s], not from educators. This is especially helpful for Master level students or grad students to see 'real-world' scenarios."*

—Dr. Sascha Offermann, Institute of Botany at the Leibniz University Hannover

<sup>1</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. <sup>2</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.

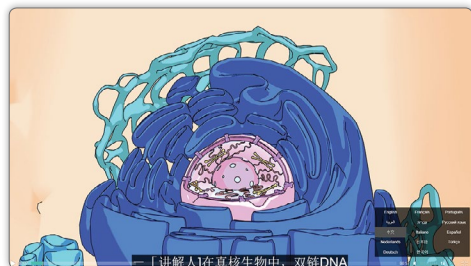
## JoVE Core

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](#)

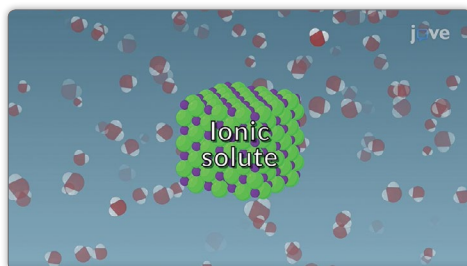
[JoVE Core: Chemistry](#)

[JoVE Core: Social Psychology](#)



**Core: Biology**

Picture from video — [DNA Packaging](#)



**Core: Chemistry**

Picture from video — [Electrolyte and Nonelectrolyte Solutions](#)



**Core: Social Psychology**

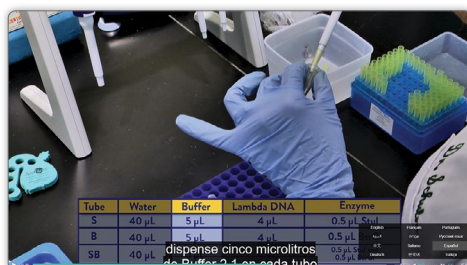
Picture from video — [The Stanford Prison Experiment](#)

## 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](#)



**Lab Manual: Biology**

Picture from video — [DNA Isolation and Restriction Enzyme Analysis](#)



**Lab Manual: Chemistry**

Picture from Chemistry — [Purification of Ferrocene by Sublimation](#)

## Faculty Support Webinars and Helpful Resources

Find more information on remote and on-campus access to JoVE videos, integration instructions for any LMS or other virtual meeting platforms, how to request a syllabus map for your course or training, and more **by joining our [weekly webinars](#) or visiting our [Faculty Resource Center](#).**

**Register for a Free Support Webinar**

**OR**

**Browse Faculty Resource Center**

Faculty support webinar sessions for individual institutions can be scheduled by contacting [customersuccess@jove.com](mailto:customersuccess@jove.com)