



Accelerate your science
research and education.

Introduction:



Trevor Schuck, Account Manager for Key Accounts

Trevor has a Bsc in Comprehensive Science from Villanova University and has 2+ years experience in building library relations.

Trevor is the Key Contact for OhioLINK Access and Questions

Trevor.schuck@jove.com



Dr Maaïke Pols, Scientific Advisor

Maaïke obtained a PhD in Cell Biology from Utrecht University where she was involved in teaching and research. She did a post doc at the University of Queensland and then moved to London as an editor for F1000Research before joining JoVE in 2017
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- What is JoVE?
- What is JoVE?
- Create a free JoVE account for remote access

Ask your JoVE Curriculum Specialist for help

- Your access to JoVE Education resources
- Sharing videos with students
- JoVE training sessions and customer support





creates scientific videos
that make **Teaching**,
Learning, and **Practicing**
Science more efficient,
effective, and engaging.



CEO Moshe Pritsker, Ph.D.
in 2006 at Princeton
University

“

It was really difficult learning new experiments from traditional science journals, and especially as a non-native English speaker ... there must be a better way to do it! Why not complement published experiments with a video showing the steps in vivid detail?

Moshe Pritsker, Ph.D.
CEO, JoVE



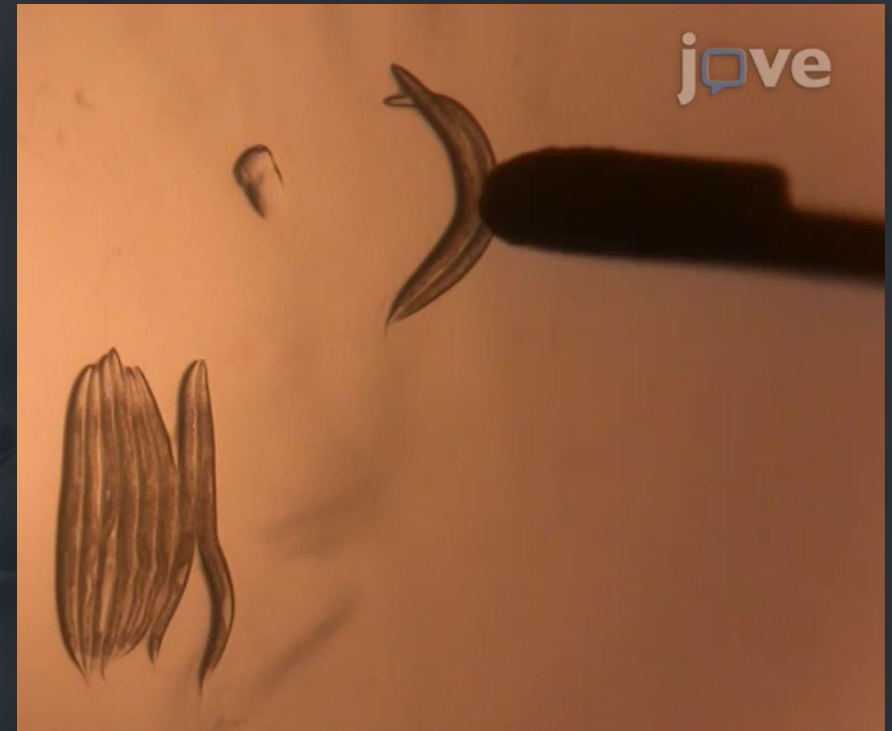
”

Visualizing > Reading

TEXT ARTICLE

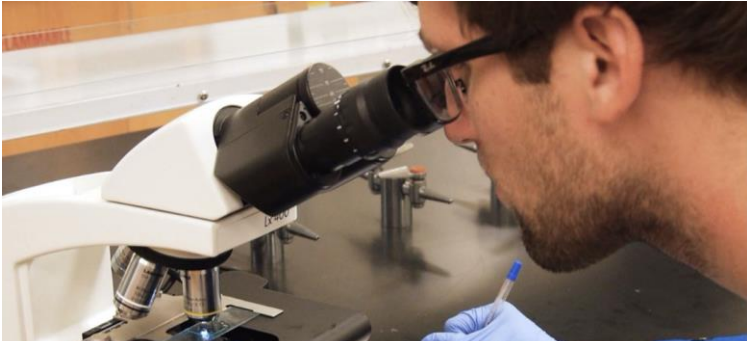
“Once sodium azide has evaporated, line up animals to desired imaging setup. Move the animals side by side with anterior and posterior sides in the same orientation for all animals. Image animals immediately.”

REAL LIFE

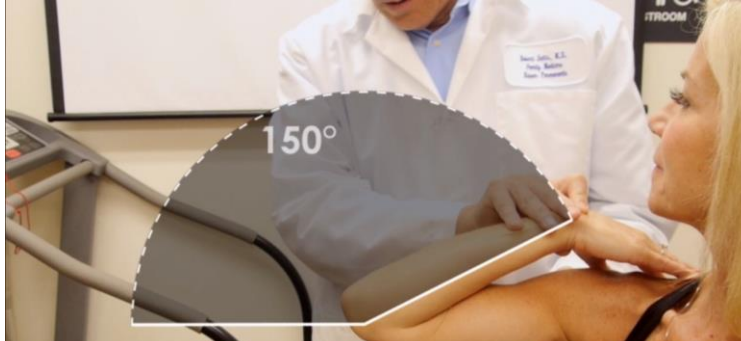


WHAT IS JoVE?

JoVE creates scientific videos for five unique resources:



Education



Training



Research

- **JoVE Core**

An animated text book. Foundational concepts are explained through high-impact animations and real-life experimentation. (Biology, Chemistry, Social Psychology series)

- **JoVE Lab Manual**

Videos for both instructors and students in introductory biology lab courses. (Biology and Chemistry series)

- **JoVE Science Education**

Teaching scientific fundamentals through simple easy-to-understand video

- **JoVE Video Journal**

Publishes experimental techniques in visual format with detailed text protocols to increase scientific reproducibility and productivity.

- **JoVE Encyclopedia**

Collections of experimental techniques for specific model organisms

Video Library

- **13,100+** videos in a growing library
- **1,200+** new videos published per year
- **1,000+** subscribers
- **8+ million** users worldwide

Video Features

- **24/7** access worldwide
- **10+** languages in translations and voice-overs
- **10,000+** downloadable protocols

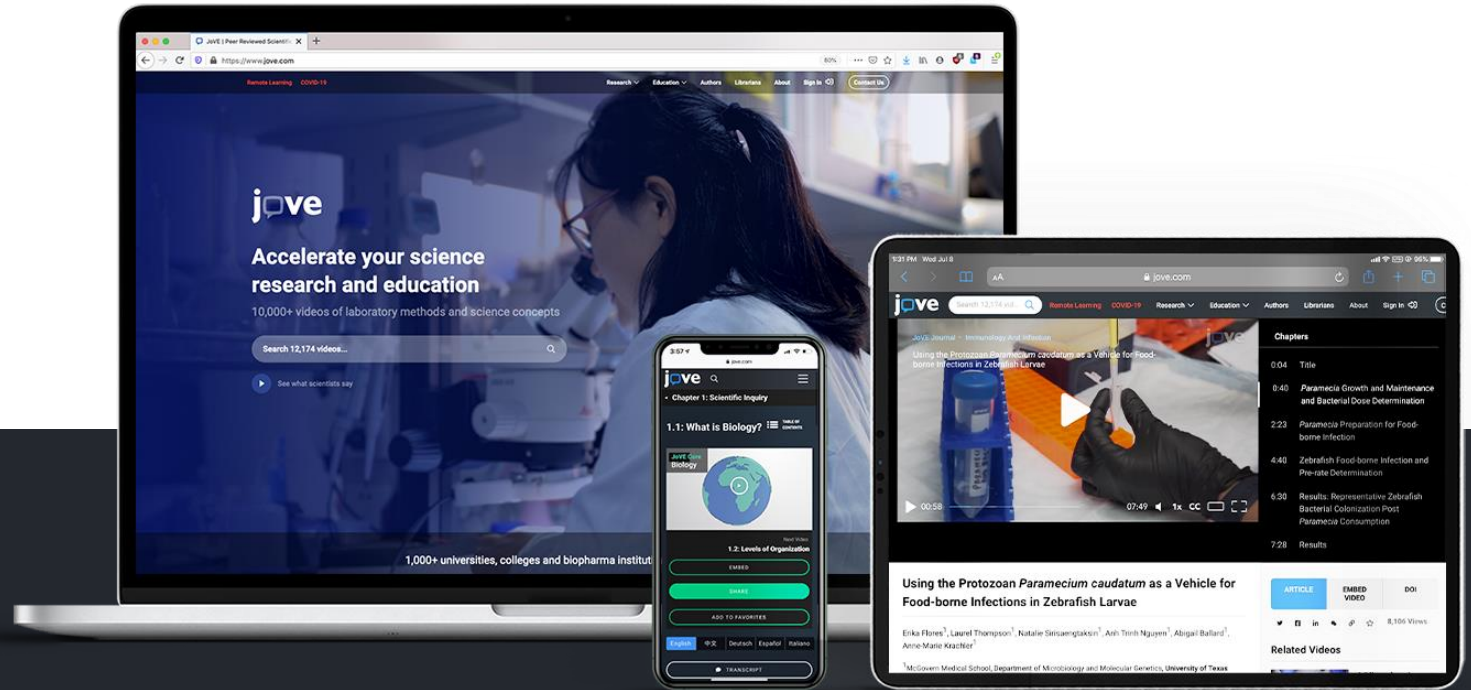
Accessing JoVE Videos

On Campus:

- ✓ IP Recognition; videos within subscription play instantly

Off Campus:

- ✓ Domain authentication
- ✓ OpenAthens and Shibboleth
- ✓ Authenticated remote access with EZProxy
- ✓ Embedded in your LMS (learning management system)



Accessing JoVE Videos Through a JoVE Account

On and Off Campus:

- ✓ Create a free librarian or faculty JoVE account with an institutional email address to:

Check your JoVE access

Watch videos even when off campus

Create embed codes to share videos with off-campus students

Create JoVE Tests

Create a playlist of your favourite videos

Post questions and comments for article authors

The image shows two overlapping screenshots of the JoVE website. The top screenshot displays the navigation bar with links for Research, Education, Authors, Librarians, About, Sign In (circled in orange), and Contact Us. The bottom screenshot shows the 'Create Your Account' page, which includes a form for Institutional Email Address, a captcha image with the text 'A9BB44', and a 'Create Account' button (circled in orange). The 'Sign In' page is also visible, featuring fields for Institutional Email and Password, a 'Sign In' button, and links for 'Or Create an Account' (circled in orange), 'Forgot Password?', 'Continue with Shibboleth/OpenAthens', 'Continue with Google', and 'I Have a Trial Code'.

JoVE Core

Video textbooks that can serve as effective primary or supplementary teaching resources.

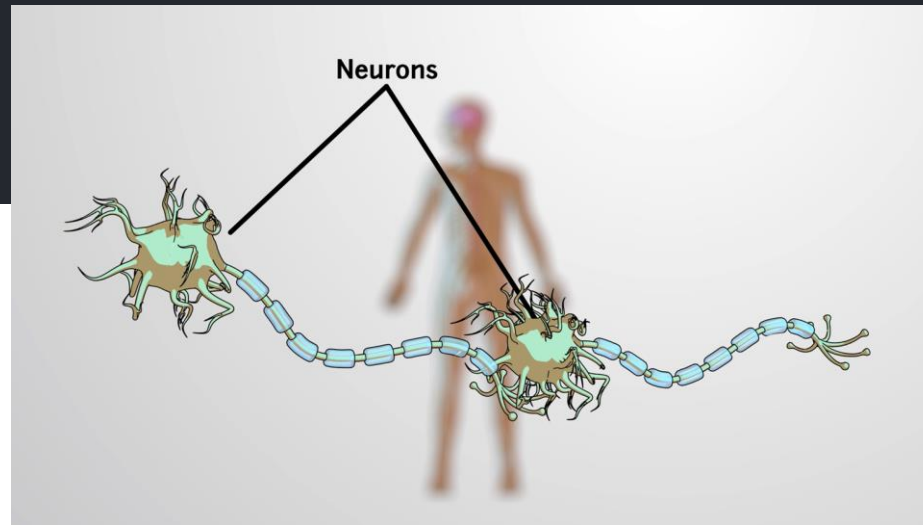
JoVE Core: Biology

[Available in English, Chinese, German, Spanish, Italian, French, Russian, Dutch and Korean]

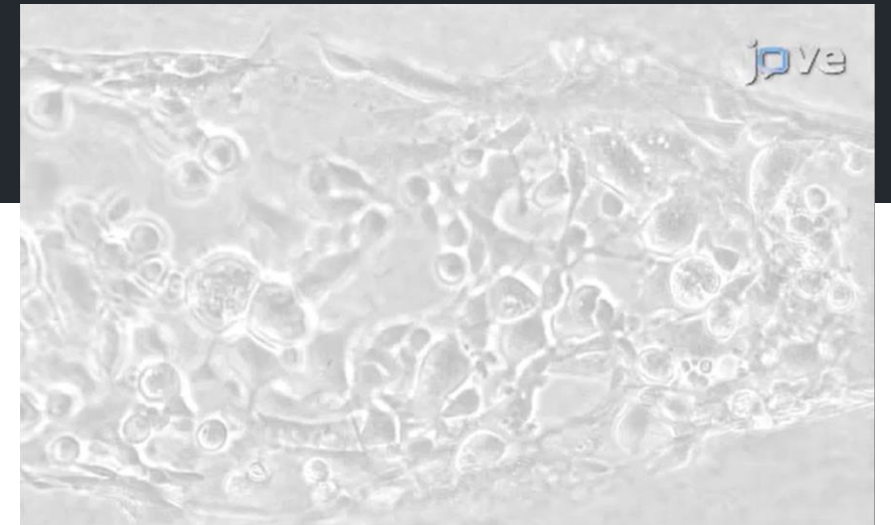
JoVE Core: Chemistry

JoVE Core: Social Psychology

**Bring key
introductory
concepts to life
through ...**



High-impact Animations



Scientist-in-action Videos Of Experiments
Conducted In Laboratory Settings

JoVE Core - Helpful Features for Instructors



The screenshot displays the JoVE Core website interface. At the top, there is a search bar with the text "Search 13,064 video articles..." and a magnifying glass icon. To the right of the search bar are navigation links: "Faculty Resource Center", "COVID-19", "Research", "Education", "Authors", "Librarians", "About", and "Eleonora Grinenko". A "Contact Us" button is also present. Below the navigation bar, the main content area is titled "13.2: DNA Packaging". On the left, there is a "JoVE Core Biology" logo and a play button icon. The video player shows a DNA double helix structure. To the right of the video player, there is a language selection menu with options: English, Español, Français, 中文, Русский, Nederlands, and Deutsch. Below the language menu, there are two buttons: "TRANSCRIPT" and "CREATE QUIZ". At the bottom of the video player, there are three buttons: "EMBED", "SHARE", and "ADD TO FAVORITES". Below the video player, there is a section titled "13.2: DNA Packaging" with an "Overview" tab selected. The text under the "Overview" tab reads: "Eukaryotes have large genomes compared to prokaryotes. In order to fit their genomes into a cell,".

1

Video Transcript

2

Short Animated Video

3

Reading Material

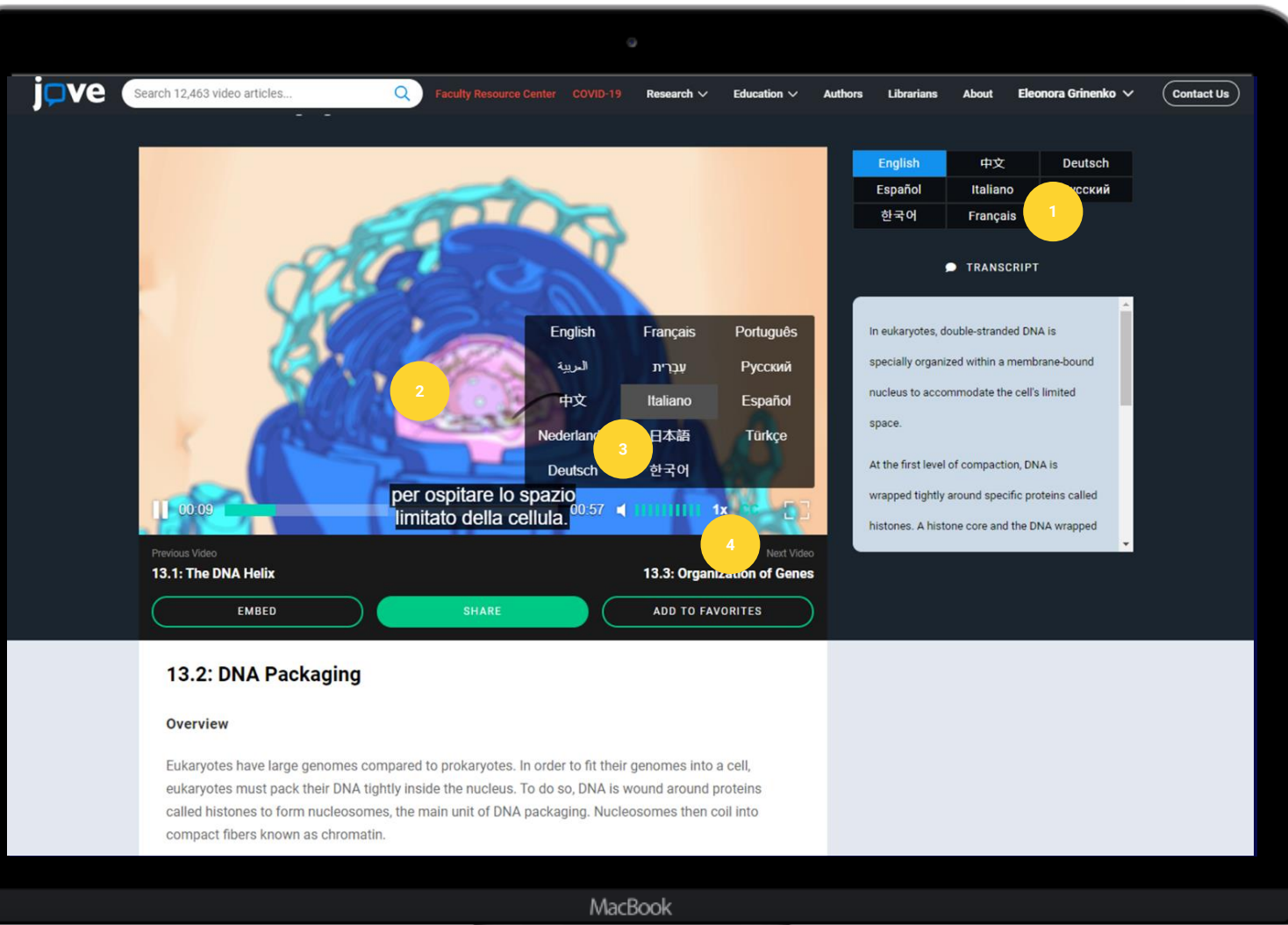
4

Embed, Share, Add to Favorites buttons

5

Create Quiz

JoVE Core - Helpful Features for Students



1

Voice-over Translations

2

Animations Illustrating Key Concepts

3

Subtitles and Closed Captions

4

Speed Regulation

JoVE Lab Manual

Curriculum-focused video resources that support teaching and learning of commonly taught introductory labs.

[JoVE Lab Manual: Biology](#)

[JoVE Lab Manual: Chemistry](#)

Step-by-step instructions for each lab experiment from 3 perspectives ...



Instructor Preparation



Concepts



Student Protocol

JoVE Lab Manual - Helpful Features for Instructors



The screenshot displays the JoVE Lab Manual interface on a laptop screen. The website has a dark blue header with the 'jove' logo, a search bar, and navigation links. The main content area features a video player for 'Diffusion and Osmosis' with a cell diagram. Below the video is a text section titled 'Cell Membranes and Diffusion'. Numbered callouts (1-6) highlight specific features: 1. 'INSTRUCTOR PREP' tab; 2. 'TRANSCRIPT' button; 3. Video player; 4. Text content; 5. 'EMBED', 'SHARE', and 'ADD TO FAVORITES' buttons; 6. 'CREATE QUIZ' button.

1 INSTRUCTOR PREP

2 TRANSCRIPT

3 VIDEO

4 CELL MEMBRANES AND DIFFUSION

5 EMBED SHARE ADD TO FAVORITES

6 CREATE QUIZ

1

Instructor's Preparation
and Concepts Videos

2

Transcript for Concept Video or
Navigation for Preparation Video

3

Short Video

4

Reading Materials and
Downloadable Materials List

5

Embed, Share, Add
To Favorites Buttons

6

Create Quiz

JoVE Lab Manual - Helpful Features for Students



The screenshot displays the JoVE Lab Manual interface on a laptop. The top navigation bar includes the JoVE logo, a search bar, and links to Faculty Resource Center, COVID-19, Research, Education, Authors, Librarians, About, Eleonora Grinenko, and Contact Us. The main content area is titled 'Diffusion and Osmosis' and features a video player. The video player shows a table with columns for Length of side, Surface Area, Volume (cm³), and Surface Area: Volume. The table has three rows labeled Cell 1, Cell 2, and Cell 3. A play button is overlaid on the table. Below the table is a video player with a progress bar, a play button, and a '1x CC' button. The procedure section is titled 'PROCEDURE' and includes a 'PRINT PROCEDURE STEPS' button. The first step is '1. Diffusion in Agar'.

	Length of side	Surface Area (cm ²)	Volume (cm ³)	Surface Area: Volume
Cell 1	1			
Cell 2	2			
Cell 3	3			

1. Diffusion in Agar

1. NOTE: In this exercise, you will be given agar containing an indicator chemical called phenolphthalein. When phenolphthalein

1

Video Navigation

2

Student Protocol Video

3

Animations Illustrating Key Concepts

4

Subtitles And Closed Captions

5

Printed Procedures

JoVE Playlists

Streamline Teaching

✓ **Share**

playlists with others, including students, faculty, researchers and lab staff.

✓ **Locate**

the videos saved in a playlist quickly and easily, whenever needed.

Train Lab Members

✓ **Customize**

them to meet specific instruction or lab training needs.

✓ **Engage**

students by creating engaging class assignments or training programs

Accelerate Research



[Playlists · Chemistry](#)

General Chemistry I

· General Chemistry I

[Learn more about JoVE playlists](#)

Matter & Measurement – The Study of Chemistry, Classification, and Properties of Matter Uncertainty & Measurement



Education: Core: Chemistry

The Scientific Method



Education: Core: Chemistry

Classifying Matter by State



Education: Core: Chemistry

Classifying Matter by Composition



Education: Core: Chemistry

Physical and Chemical Properties of Matter



Education: Core: Chemistry

Measurement: Standard Units



Education: Core: Chemistry

Measurement: Derived Units



Education: Core: Chemistry

Uncertainty in Measurement: Accuracy and Precision



Education: Core: Chemistry

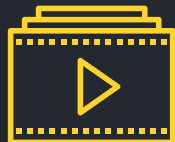
Uncertainty in Measurement: Reading Instruments

"I have made extensive use of the General Chemistry playlist that provides an extensive range of short videos that covers the entire content of the general chemistry course.

So JoVE can meet needs in both the lecture and virtual (or face-to-face) lab environments. "

- **Richard Jarman**
Professor of Chemistry
College of DuPage, USA

Creating a JoVE Playlist



Create your very own JoVE playlists. Here are [instructions](#) and a quick [1 minute video](#) on how to create playlists



[Request a playlist](#) from our Customer Success Team or your Account Manager



[Browse available syllabus-mapped playlists:](#)
JoVE-curated playlists of videos mapped to course syllabi, lab training programs, and more.

Creating a JoVE Playlist

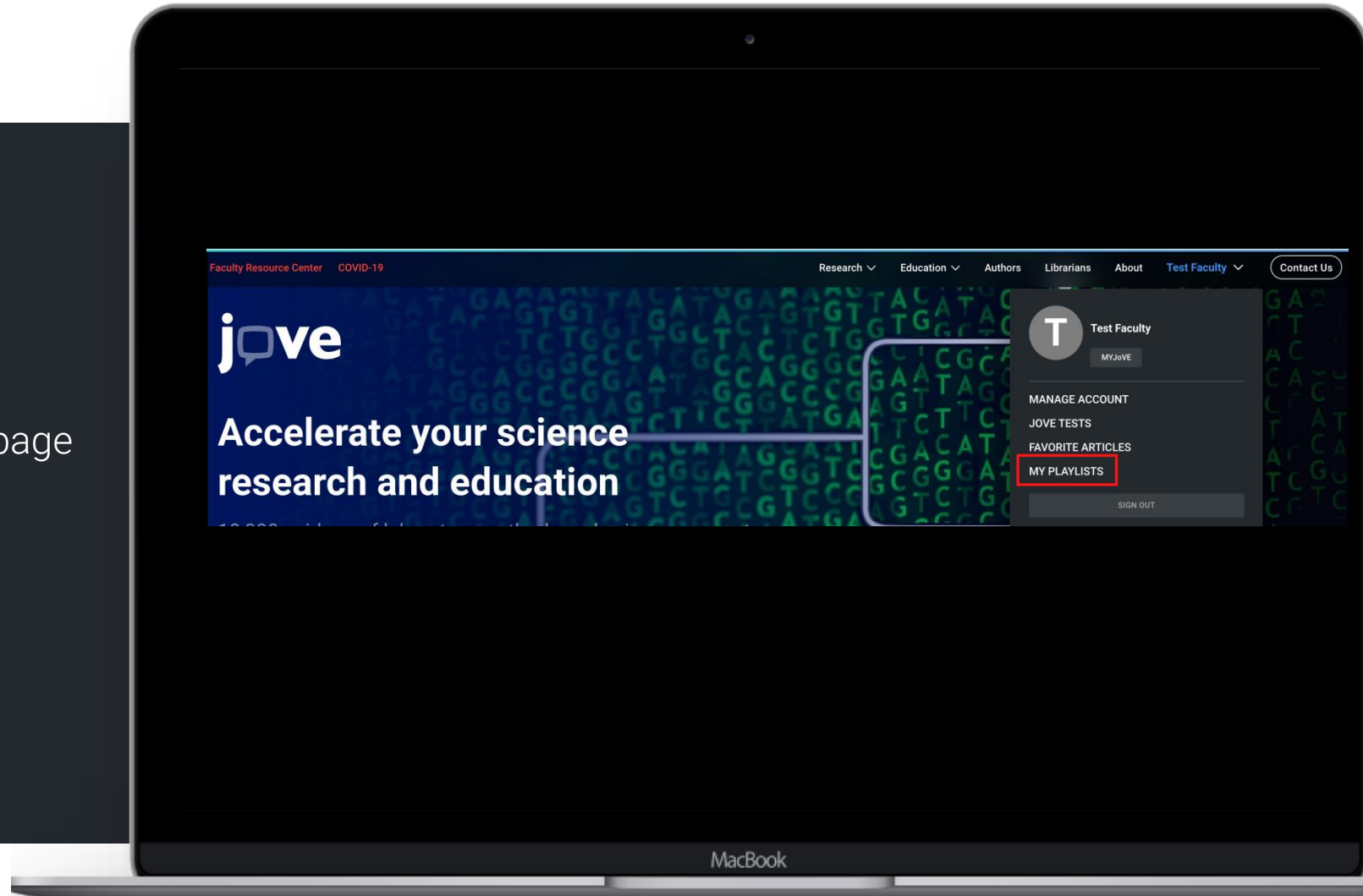
Log into your JoVE account



Navigate to My Playlists on your account page



Click on Create a New Playlist



Creating a JoVE Playlist

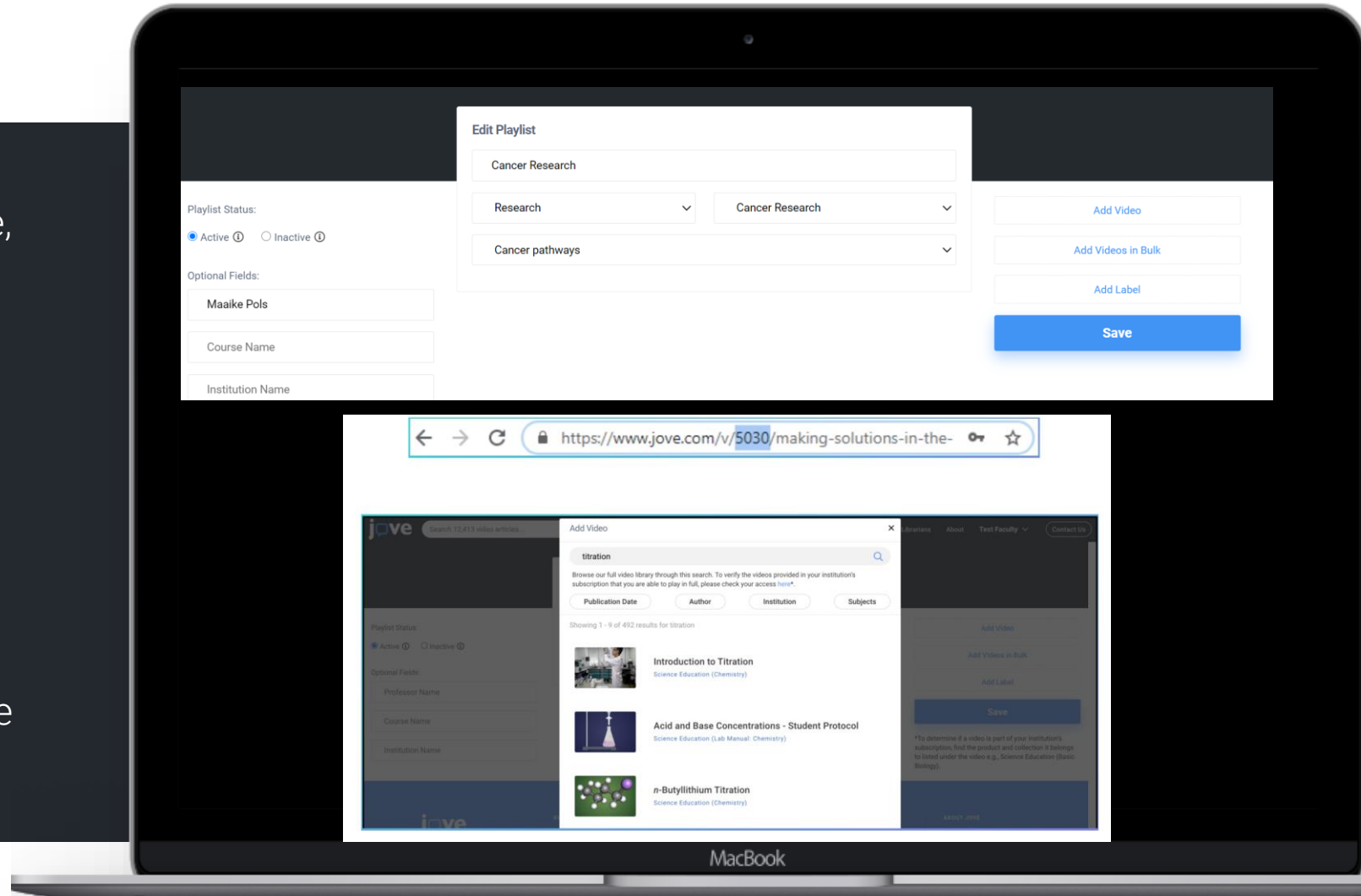
Name your Playlist and give it a purpose, topic and specialty



Find relevant articles for your research and add them to your playlist via “add video” or “add videos in bulk” using the article ID’s found in the url



or “add videos in bulk” using the article ID’s; a string of 4-5 numbers found in the url



Creating a JoVE Playlist

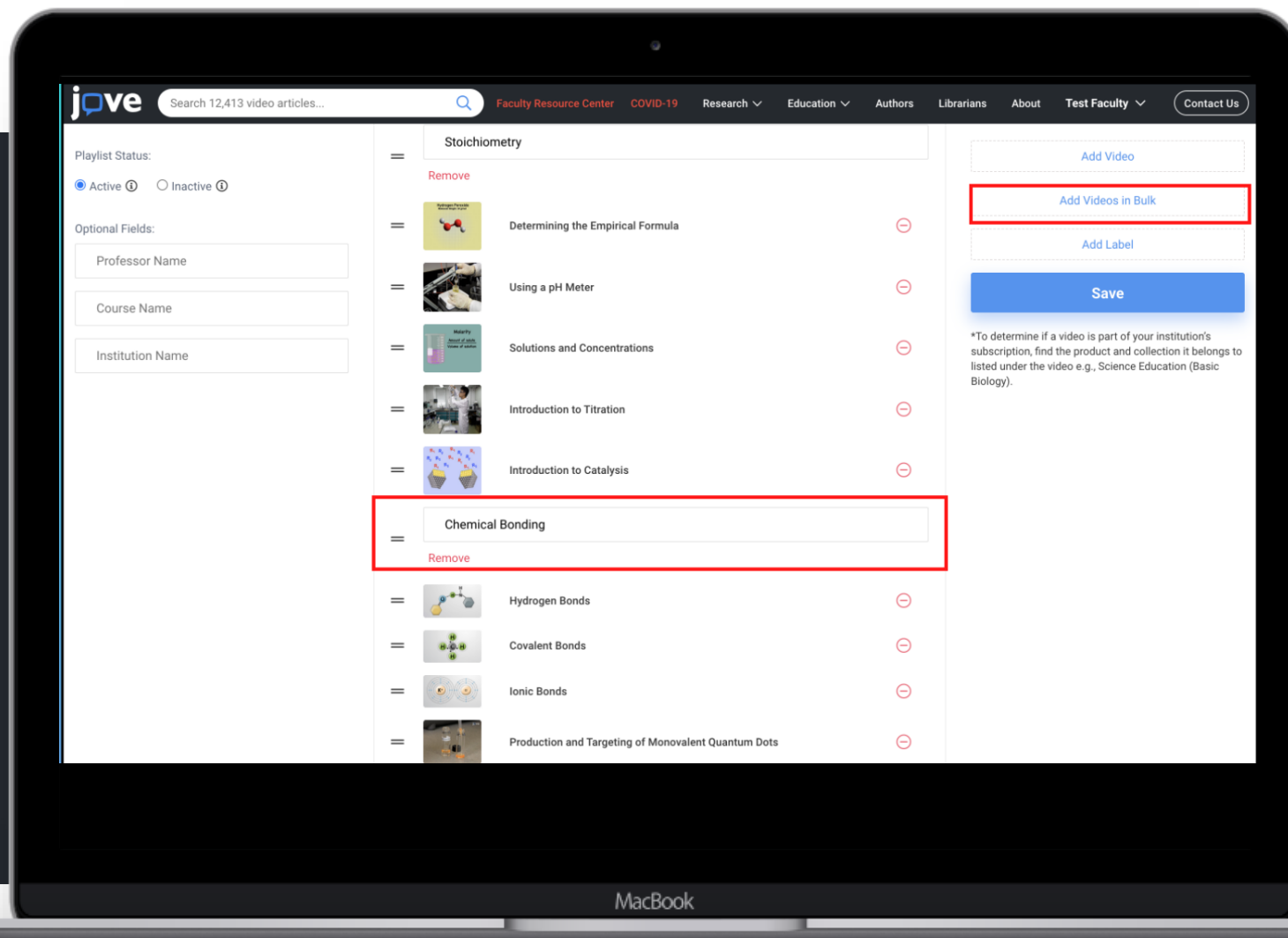
Use labels to organize videos into sections within your playlist



When relevant add a professor, course and institute name and click “Save” when your playlist is finished



Your playlist now appears in the My Playlists section of your account. Share your playlist with peers using the “Copy url” button. You can clone or edit your playlist at any time



Syllabus and Training Program Mapping

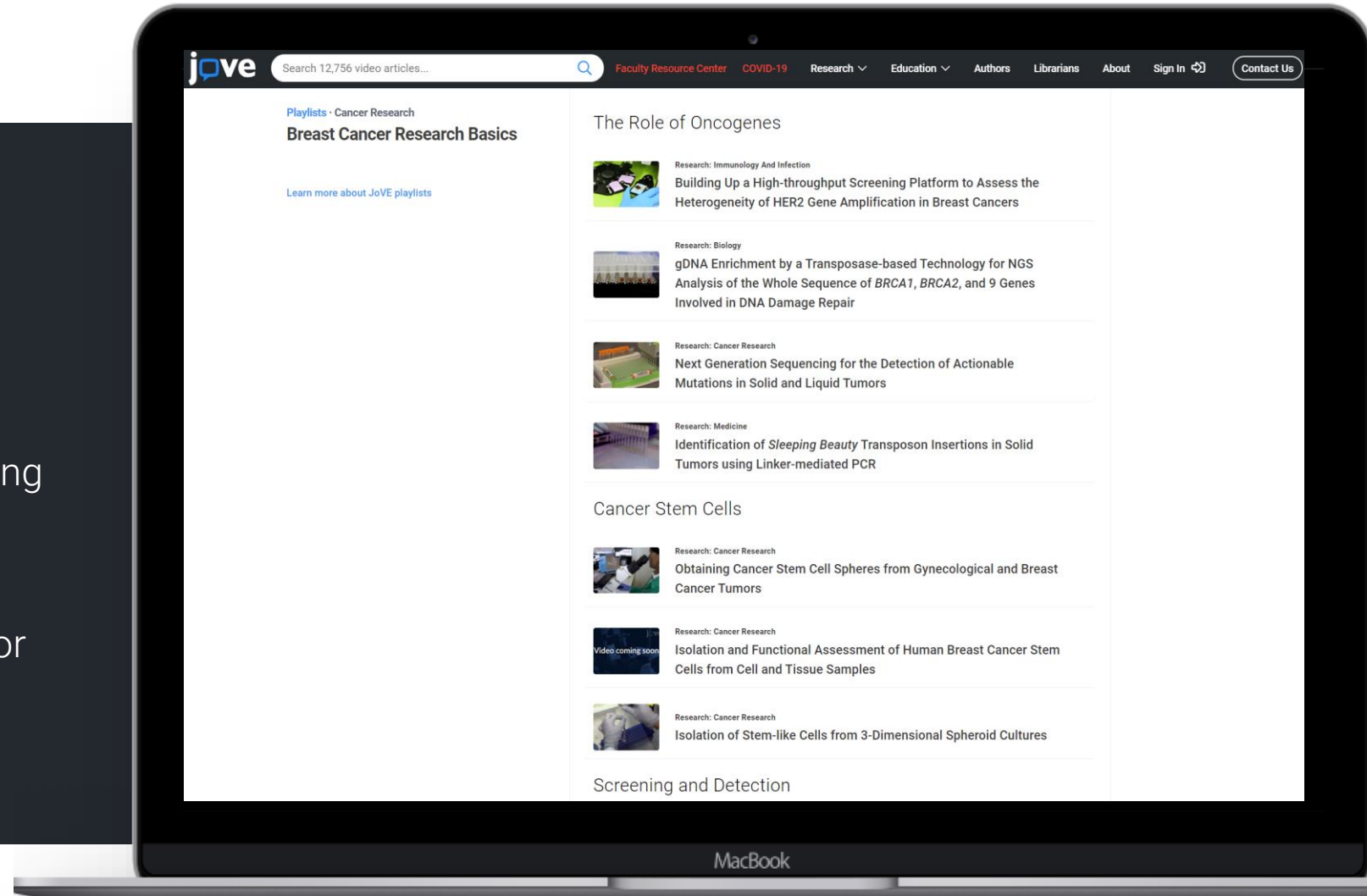
Save time on creating class curricula,
building lesson plans or establishing
laboratory training programs



JoVE's subject matter experts will map
best fit content to your syllabus or training
program



Receive a clickable list of suggestions for
content that best support your needs





Search 12,533 video articles...



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Faculty Resource Center

Videos mapped to your courses and teaching labs

Don't see the course you teach here? Contact our [Customer Success](#) team to request a free syllabus mapping of JoVE videos to your course.

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Integration of JoVE videos into online courses and your LMS

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Guides for teaching remotely with JoVE videos

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Faculty Resource Center

Embedding videos into Online Learning Platforms

	 Google Classroom	 brightspace by D2L	
 Microsoft Teams	 Sway	Blackboard®	 canvas
 PowerPoint	 schoolology®		

[Back To Faculty Resource Center](#)

Integration of JoVE videos into online courses and your LMS

Need help? Contact our [Customer Success](#) team.



LMS Integration Overview



Remote Access Options



Blackboard Integration



Brightspace integration



Canvas Integration



Moodle Integration



Sakai Integration



Google Classroom Integration

JoVE Support for Faculty



Curriculum Specialists support your users with:

- Free syllabus mapping to create a custom JoVE Playlist
- Help with embedding videos into online learning platforms
- Faculty-supporting calls and webinars
- Email: Customersuccess@jove.com

Join a weekly faculty training session

- Introduces JoVE products
 - Creating a JoVE account for remote access
 - Learn how to embed videos into LMS
 - Create a JoVE Playlist
 - Learn about Publishing in JoVE Journal
-
- Thursdays at 9.30 AM
EST: https://zoom.us/webinar/register/WN_G7AlmLRPTBCSsSCoSUUEgw