

Recommendations for Using YuJa at UCI

YuJa at UCI

- Why YuJa?
- Publishing Lectures

YuJa Tips

- Playback settings
- Participation Credit
- YuJa Quizzes



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In this Presentation:

- YuJa is a good tool for moving to remote instruction
- Options and tools available within YuJa
- Tips and warnings for using YuJa successfully

Not in this Presentation: Getting started with YuJa

For that kind of information, begin at

- <https://yuja.replay.uci.edu/getting-started/> and <https://support.yuja.com/>
- <https://sites.uci.edu/teachanywhere/home/tools/yuja/>
- <https://sites.uci.edu/teachanywhere/home/delivering-content/>

Your UCI YuJa account is available at <https://uci.yuja.com>

Synchronous vs. Asynchronous

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1. Zoom is a useful tool for synchronous instruction, especially *active learning* like small-group discussion or problem solving
2. For *passive learning*, give students pre-recorded materials
 - asynchronous recordings reduce anxiety and annoyance over internet bandwidth and outages
 - asynchronous recordings give students scheduling and time management flexibility
 - pause and replay functions facilitate good note taking
 - transcripts and captions support student understanding
3. If your teaching style is mostly passive but with some active learning (like iClicker questions), YuJa will deliver pre-recorded lectures that maintain your interactive elements

What is YuJa?

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YuJa is the *video server* integrated into UCI Canvas

YuJa automatically captions all video (for ADA compliance)

Instructors publish recorded content to specific courses

YuJa includes tools and features that help instructors:

archive and manage video from any source

make new screen recordings

edit video recordings

embed interactivity into playback

track and score student progress

let students see their progress / completion

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Publishing Lectures from a YuJa Library

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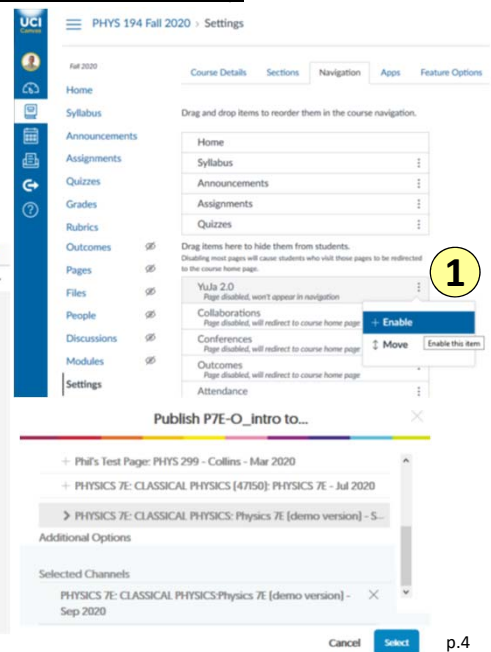
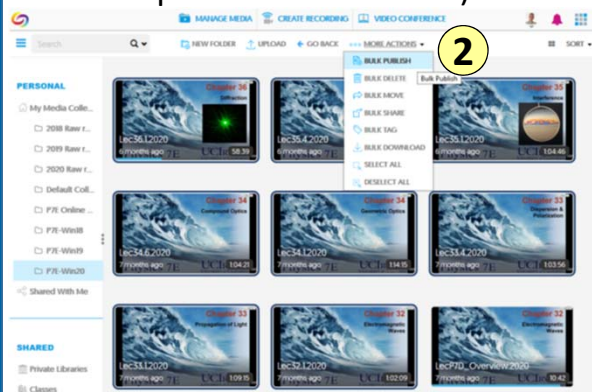
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1. In Canvas, turn on *YuJa 2.0* in course Settings / Navigation
2. From YuJa media collections, choose *Publish* (or select multiple and *Bulk Publish*)



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Publishing Lectures from a YuJa Library

Student View: published recordings, with personalized progress bars

The screenshot shows the Canvas LMS interface for a course titled "Physics 7E (demo version) > PHYSICS 7E: CLASSICAL PHYSICS". The left sidebar contains navigation options: Account, Dashboard, Courses, Calendar, Inbox, and Help. The main content area displays a list of published recordings with the following details:

Recording Title	Modified	View Count
Ch2.3	Modified: 2 months ago	363
Ch2.4	Modified: 2 months ago	339
Ch4.1	Modified: 2 months ago	292
Ch4.4	Modified: 2 months ago	290
Ch4.6	Modified: 2 months ago	261
P7E-O_intro	Modified: 2 months ago	165

At the bottom of the interface, there is a notification: "You are currently logged into Student View. Resetting the test student will clear all history for this student, allowing you to view the course as a brand new student." Buttons for "Reset Student" and "Leave Student View" are visible.

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Options for Credit with Asynchronous Lectures

1. A post-lecture assignment (*conceptually simple for instructors*)

- Create an assignment in Canvas Quiz (or Gradescope) for students to complete during or after the lecture

2. YuJa Quizzes (*technologists' choice*)

- Embed 1 or more questions at specific points in the video as a YuJa Quiz
- Post the YuJa Quiz to your Canvas course and it will be added to the Assignments, Calendar, and Gradebook of your course
- YuJa Quiz questions are automatically graded right/wrong, though without automatic options for participation credit

3. Participation credit (*conceptually simple for students*)

- Student-identified viewing data is downloadable from YuJa analytics
- A little error-prone and time-intensive for instructors

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Some Tips for YuJa Playback Settings

1. Recommended: restrict playback to logged-in students
 - In YuJa under Links->Security settings->Platform Authentication
2. Recommended: restrict downloads of video content
3. Recommended: restrict playback speed
 - Be aware that both of these settings can be subverted by certain browsers and browser extensions (often in ways that also mess with the YuJa Quiz submissions or YuJa Analytics)
4. Not Recommended: disable fast-forward during playback
 - Even if this function seems critical for graded YuJa Quizzes, it is incredibly aggravating and it makes lectures impossible to review a second time

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Tips for Giving Lecture Participation Credit

1. YuJa logs students out after < 30 minutes of inactivity
 - students love to queue up videos in a browser tab for later viewing
 - when student returns, the video will play without warnings or errors... but YuJa will not record any activity for their Canvas account ☹️
 - Instructors must actively warn and remind students to reload the YuJa webpage when they begin watching
2. YuJa Analytics data is downloadable to a spreadsheet
 - data is in semi-alphabetical order without Canvas identifiers
 - after some manipulation, scores can be uploaded into Gradebook
 - Analytics data *does not include* information about Quiz responses
 - Analytics data *does* begin with “anonymous” views, giving some indication of how many students watched while logged out

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Tips for Giving Lecture Participation Credit

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Example Analytics Raw Data

User	Views	Total Play Length	Play %	First Watched	Last Watched
Anonymous	12	04:42:00	100%	07/26/2020 18:14	08/04/2020 01:09
First Last1	6	02:01:15	100%	07/31/2020 17:59	08/02/2020 06:27
First Last2	1	01:09:05	100%	07/31/2020 20:10	07/31/2020 21:49
First Last3	2	00:34:20	100%	08/01/2020 22:27	08/03/2020 01:21
First Last4	1	00:34:20	100%	08/03/2020 23:25	08/04/2020 00:07
First Last5	1	00:05:25	16%	08/04/2020 03:50	08/04/2020 03:54
First Last6	3	00:41:15	100%	07/28/2020 14:34	08/03/2020 21:26
First Last7	8	01:29:10	100%	07/31/2020 05:07	08/03/2020 23:01
First Last8	2	00:36:20	100%	08/03/2020 18:35	08/03/2020 20:00
First Last9	2	00:34:30	100%	07/31/2020 01:32	08/01/2020 01:14
First Last10	2	00:35:25	100%	08/03/2020 05:49	08/04/2020 00:39
First Last11	2	00:09:50	100%	08/01/2020 11:56	08/03/2020 02:06
First Last12	3	01:46:15	100%	08/02/2020 05:48	08/02/2020 07:56
First Last13	2	00:39:45	100%	08/03/2020 21:42	08/03/2020 22:37
First Last14	1	00:34:20	100%	08/03/2020 17:03	08/03/2020 17:43
First Last15	2	00:16:35	46%	08/03/2020 22:04	08/03/2020 23:12
First Last16	13	02:20:45	100%	08/03/2020 06:27	08/03/2020 20:21
First Last17	4	00:35:20	100%	07/31/2020 20:33	07/31/2020 21:43
First Last18	2	00:01:25	4%	07/31/2020 16:23	08/04/2020 03:53
First Last19	2	00:38:40	100%	07/31/2020 20:03	07/31/2020 20:51
First Last20	5	00:53:00	100%	08/01/2020 17:16	08/03/2020 17:27

Ready for Upload

Student	ID	SIS User ID	SIS Login ID	Section	Lect12.1
First Last1	285203	1778016	UCInetID-1	PHYSICS 7	3
First Last2	252145	1629983	UCInetID-2	PHYSICS 7	3
First Last3	286548	1809499	UCInetID-3	PHYSICS 7	3
First Last4	227508	1533531	UCInetID-4	PHYSICS 7	3
First Last5	252582	1606741	UCInetID-5	PHYSICS 7	1
First Last6	257308	1618024	UCInetID-6	PHYSICS 7	3
First Last7	281171	1773717	UCInetID-7	PHYSICS 7	3
First Last8	324668	1754609	UCInetID-8	PHYSICS 7	3
First Last9	306986	1799775	UCInetID-9	PHYSICS 7	3
First Last10	281094	1750857	UCInetID-10	PHYSICS 7	3
First Last11	204477	1369212	UCInetID-11	PHYSICS 7	3
First Last12	325475	1799181	UCInetID-12	PHYSICS 7	3
First Last13	325332	1753697	UCInetID-13	PHYSICS 7	3
First Last14	281295	1774968	UCInetID-14	PHYSICS 7	3
First Last15	226724	1512385	UCInetID-15	PHYSICS 7	2
First Last16	306972	1745411	UCInetID-16	PHYSICS 7	3
First Last17	321396	1736025	UCInetID-17	PHYSICS 7	3
First Last18	286718	1812587	UCInetID-18	PHYSICS 7	0
First Last19	283326	1735036	UCInetID-19	PHYSICS 7	3

Creating a YuJa Quiz

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A guide for creating YuJa Quizzes is at <https://support.yuja.com/>

1. On your video, choose **More...**
2. **Quizzes**
3. **Create Quiz**
4. Play to desired position
5. Pause
6. **Add Question**
7. Always **Save**
8. Sometimes **Post**

Example Quiz - conceptual question about autofocus

(in current version, hitting Post before Save will lose your work ☹)

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Three Options for Using a YuJa Quiz

1. Post to a Canvas course

- Post the YuJa Quiz and it will be added to the Canvas Assignments, Calendar, Gradebook, To Do list, and YuJa menu.
- When students hit **Submit**, a score will be added to the Gradebook and the Assignment will be marked complete
- Instructor chooses whether to keep the student's first score, highest score, or (not recommended) the most recent score
- Highly automated with limited instructor control, sometimes buggy
- Once in use, a YuJa Quiz can't be edited or revised; instructor may edit and post a copy as an entirely new, edited Assignment
- *Unpublish* the source video or else students will be confused by two versions in their YuJa menu (one with Quiz and one without)

2. Embed an `<iframe>` into a Canvas webpage

3. Paste a Direct hyperlink into any webpage

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Three Options for Using a YuJa Quiz

1. Post to a Canvas course

2. Embed an `<iframe>` into a Canvas webpage

- A good choice for giving participation credit without grading
- Instructor manually controls all aspects of access, sequencing (via Pages, Modules, or Assignments), and scoring
- YuJa Quiz does not show up in the student's YuJa menu (in this mode, it may be best of disable the YuJa menu item altogether)
- Quiz responses and scores are not accessible to the instructor
- Embed links copy with the Canvas course from one quarter to another

3. Paste a Direct hyperlink into any webpage

- Direct links are completely anonymous and they collect no data at all
- Useful for permanent public content, demonstrations and examples, such as providing public course information outside the course dates

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A Few Last Details about YuJa Quiz

1. The YuJa Quiz is a metadata layer separate from the video, but not entirely independent of it.
2. Sharing a video with another instructor, or giving them a copy, does not share the YuJa Quiz, which limits quarter-to-quarter transfer among instructors.
3. *Publishing* a YuJa video and *Posting* the YuJa Quiz are independent actions. Instructors can do one or the other, or both! (Don't do both!)
4. *Publish/Unpublish* can be done on multiple videos whereas *Posting* must be done individually for each YuJa Quiz. Not a big deal, except the process must be repeated for each Canvas course or quarter.

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Thanks for watching!

Contact me at collinsp@uci.edu

Or request help at
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