

Help Me, Help You

Using the Institutional Review Board Process to Better Understand Student Perceptions of Learner Engagement

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INSTITUTIONAL REVIEW BOARD (IRB)

What

An administrative body established to protect the rights, welfare, and privacy of human research subjects recruited to participate in research activities. Used to review research processes and procedures prior to doing research. (Oregon State Human Research Program and Institutional Review Board)

When to File

- Needed when doing research and the data/results will be shared with others through publication/presentation.
- Not needed if using data gathered during your normal daily work to improve a service **and not** sharing with others.
- Most librarian research falls under an exempt category that does not require full IRB review. IRB paperwork **must be** filed to certify research does not require full IRB review.

Steps

1. Review IRB process at institution
2. Design study
3. Complete documentation and file paperwork
4. Receive certification
5. Conduct Study

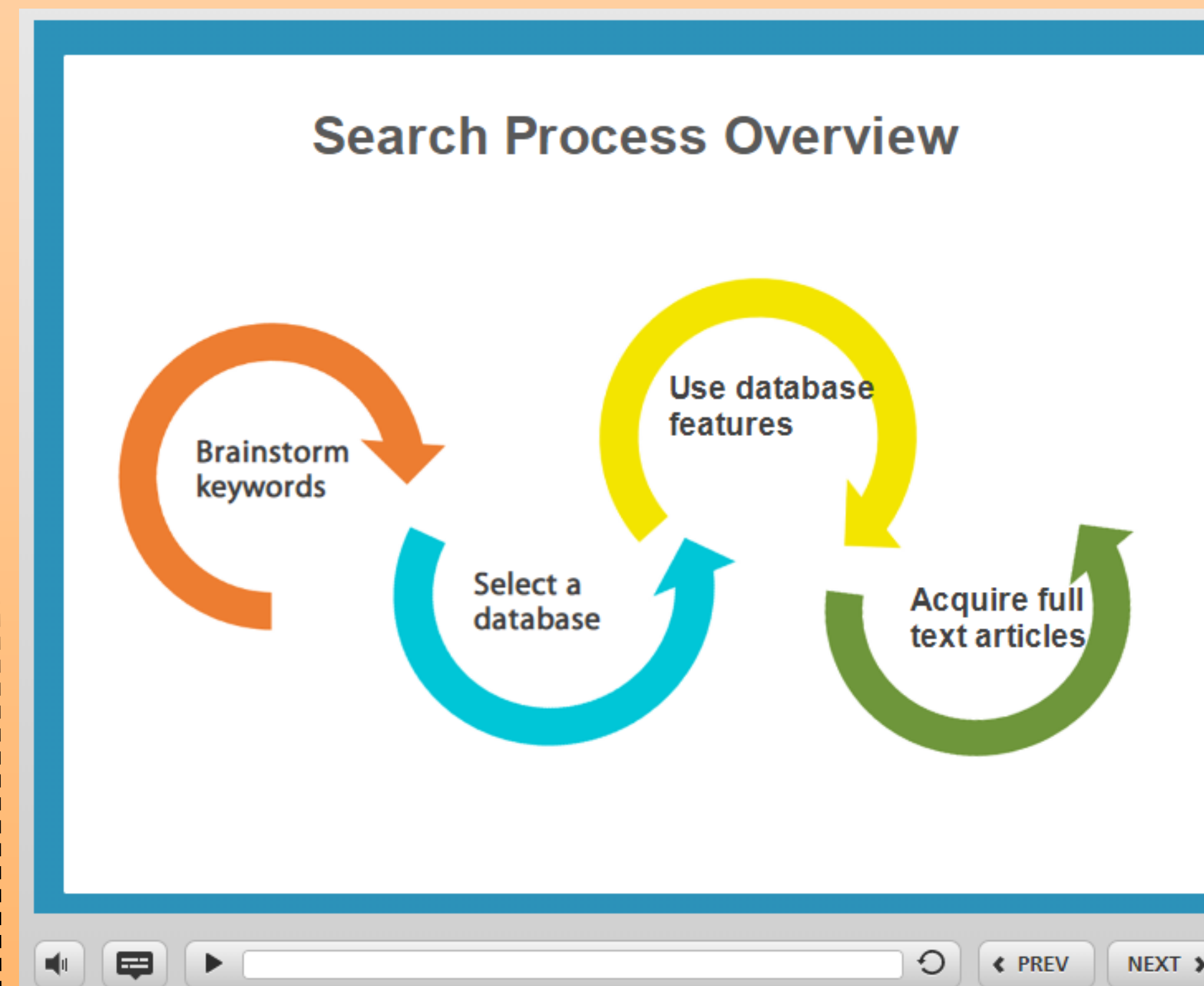
THE STUDY

Investigation of Student Learning Engagement within Library Tutorials

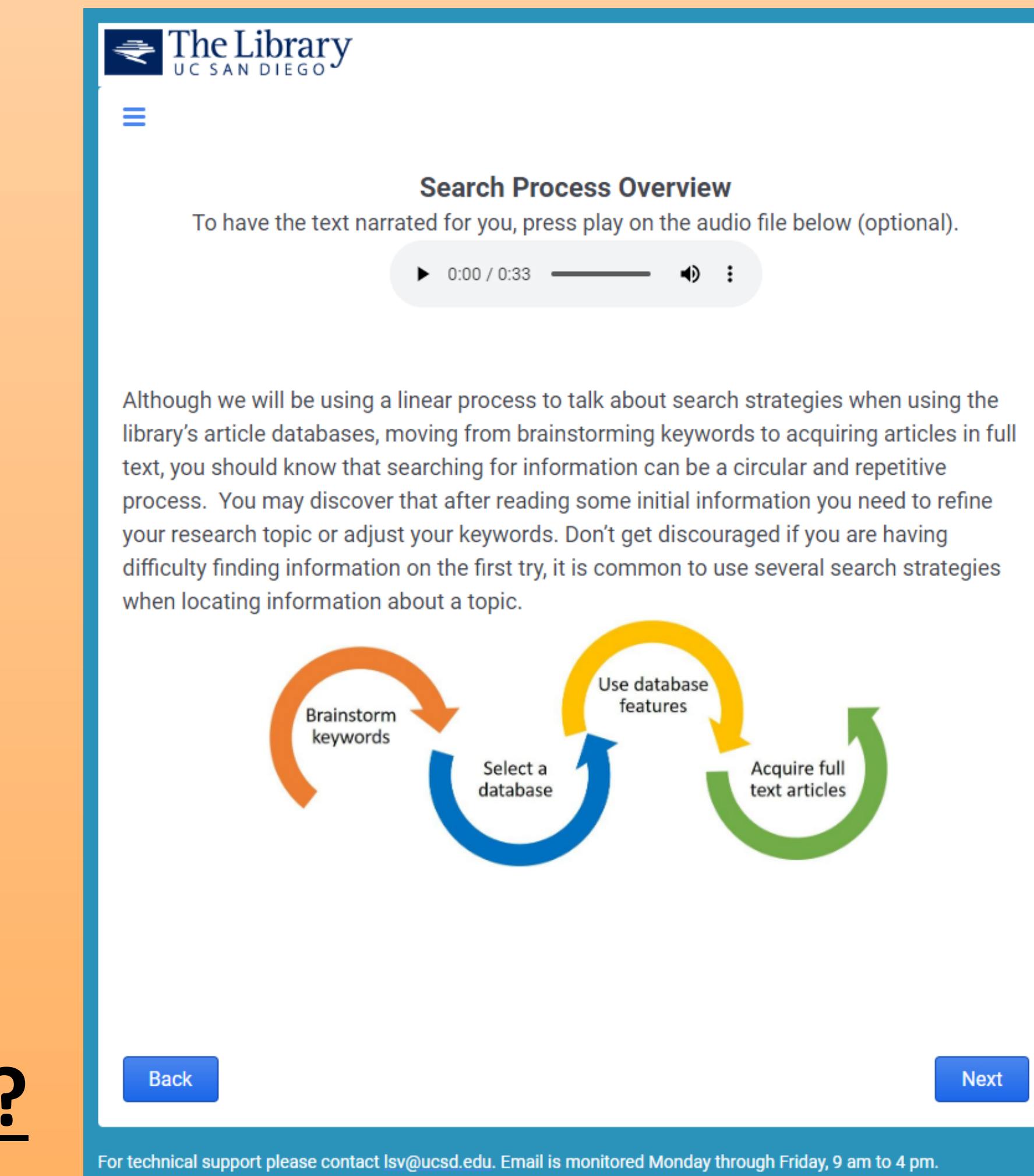
Purpose

The purpose of the study is to determine which method of online tutorial presentation students find most engaging. Study documents @ bit.ly/CARL2020IRB

Tutorial A



Tutorial B



Questions Asked: Do you prefer?

- Video vs image and text
- Auto audio play vs optional audio play
- Question types: matching (inaccessible) vs multiple choice (accessible)
- Tabbed layout vs vertical scroll and next button
- Horizontal layout with fixed menu vs vertical layout with hamburger menu
- Feedback: show incorrect then press next vs show incorrect and must select it to move forward

SAMPLE RESULTS

Auto Audio Play

Q: Tutorial A presented a graphic with narration that played automatically. Tutorial B presented a graphic, text, and include the option to play the narration from an audio file. Which method do you prefer?



Video vs Text/Image

Q: Tutorial A used a video-like presentation and markers that you had to click to learn about strategy locations within a database. Tutorial B used text, and images to learn about strategy location within a database. Which method did you prefer?



Full study results are listed at the end of the study documents @ bit.ly/CARL2020IRB