



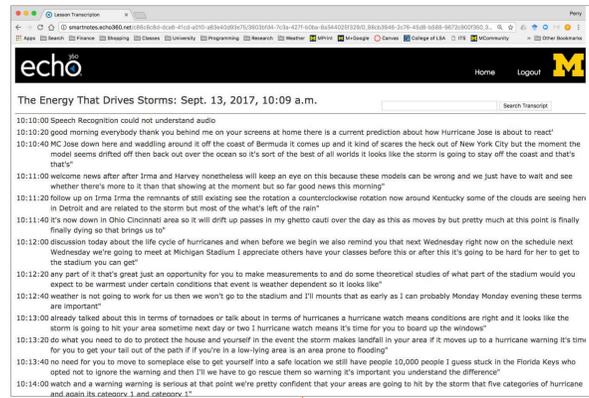
# Linking Student Notes Contextually with Class Captures and External Resources

Perry Samson, Climate & Space Sciences & Engineering

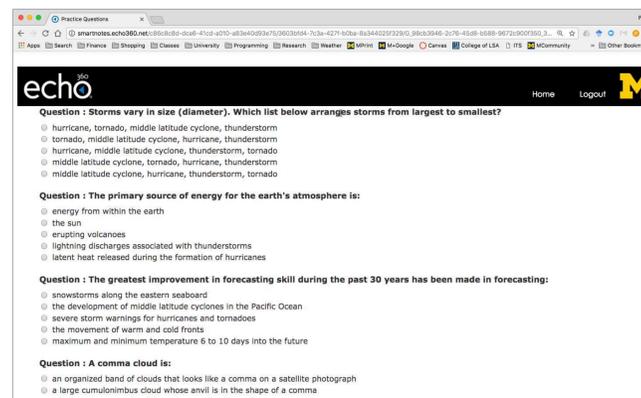
## GOALS

1. Use machine learning to link student notes contextually with learning resources.
2. Automatically transcribe class sessions so captures are searchable.

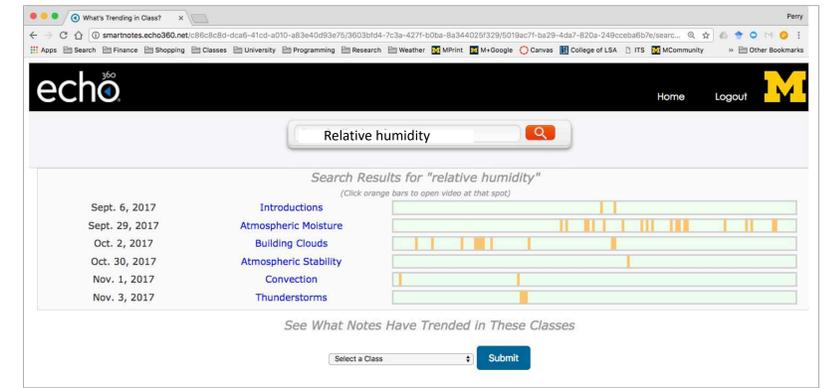
## Automatic Transcription



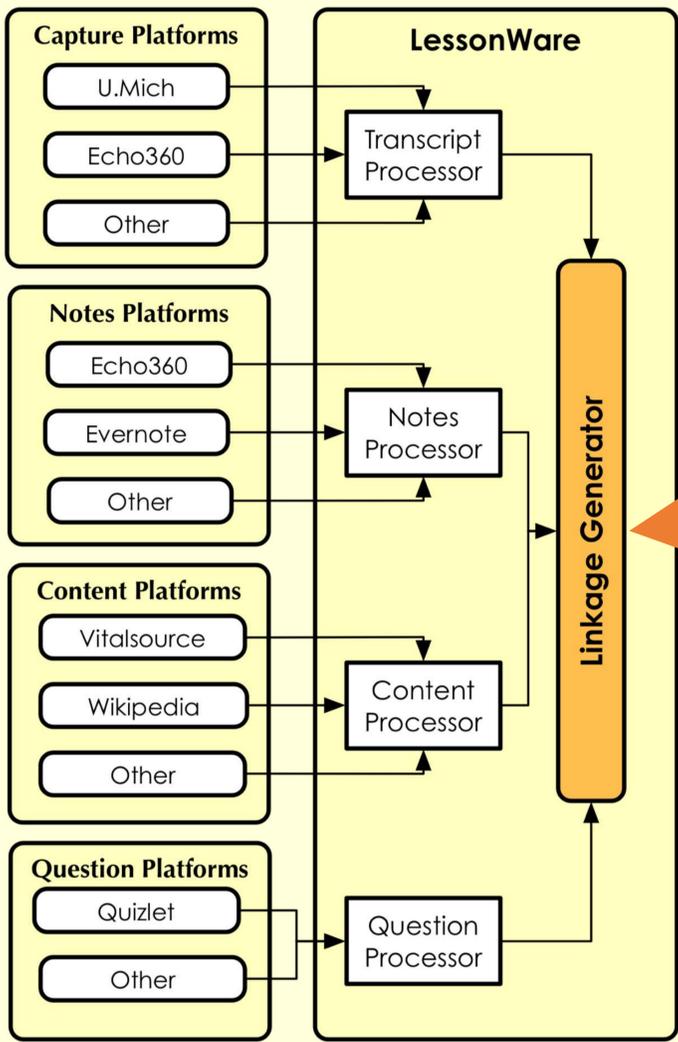
## Contextual Assessment



## Search Class Captures



## LessonWare



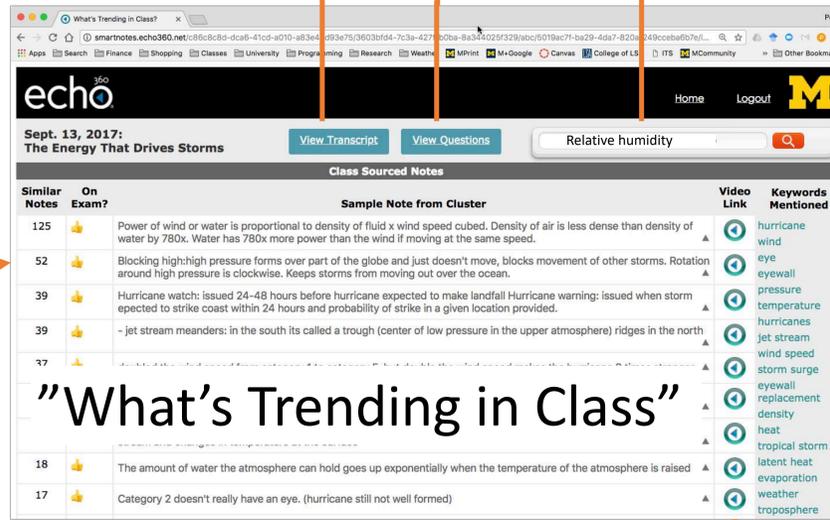
LessonWare API

View transcript

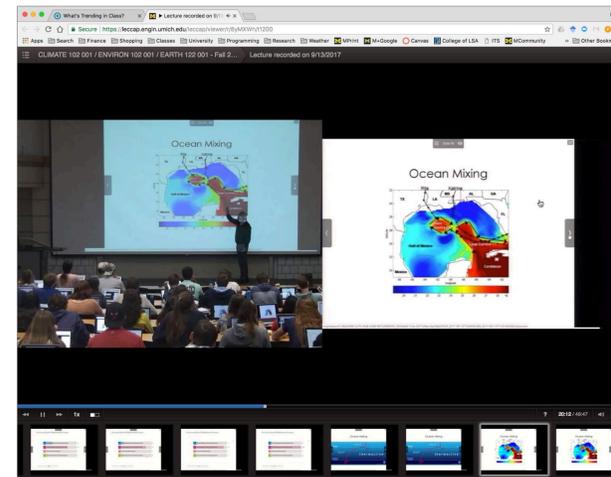
Questions based on content

Search transcript

## External Resources



## Contextual Links to Capture



Links to specific moments in class

Resources based on content

This section illustrates external resources linked to class content:

- e-Textbooks:** Shows a screenshot of an e-textbook with 'Automatic links to specific pages in textbook' for 'Figure 2.19'.
- Open Education:** Shows a Wikipedia article on 'Tropical cyclone' with a link from the class capture interface.