

Supplemental Material

CBE—Life Sciences Education

Harvey *et al.*

Default Question Block

Survey for Bio113 & 114 Students using Echo360

This survey is completely anonymous and optional. Approximately 5 minutes or less to complete this survey

Choose your class

- BIO113 Integrated Concepts in Biology I (Prof. Malcolm Campbell)
- BIO114 Integrated Concepts in Biology II (Prof. Kevin Smith)

Why did you choose to take $\{q://QID20/ChoiceGroup/SelectedChoices\}$?

Did you find the Echo360 technology helpful?

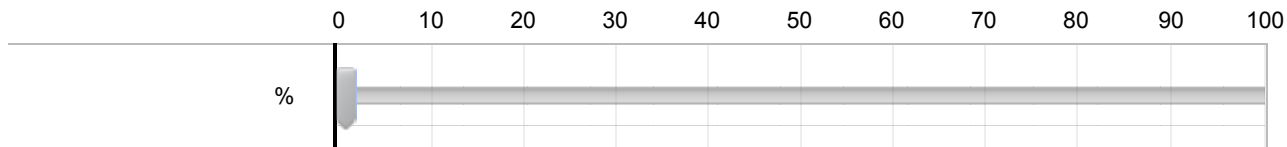
Very unhelpful					Neutral						Very helpful
0	1	2	3	4	5	6	7	8	9	10	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

additional comments (optional)

Rate the five types of Echo360 features

	Very unhelpful			Neutral			Very helpful
access to slides during class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
access to slide after class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
access to recorded class afterwards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
in-class use of quizzes/activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
online asking/answering questions via Echo360	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
flagging slides as confusing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When working on your own outside of class, what percentage of the time were you also doing other activities such as checking FaceBook posts, texting, watching a movie?



At the START of the semester, how did you feel about using an online-only textbook? (add comments if necessary)

Unhappy 0 1 2 3 4 5 Neutral 6 7 8 9 10 Happy

additional comments (optional)

At the END of the semester, how did you feel about using an online-only textbook? (add comments if necessary)

Unhappy 0 1 2 3 4 5 Neutral 6 7 8 9 10 Happy

additional comments (optional)

What do you typically do to prepare prior to coming to class? (check all that apply)

- read the assignment
- attempt to answer questions (verbally or in writing)
- review material a second time
- look at Echo360 slides to be used in class
- none of the above
- other

We'd like to understand how you prefer to take notes for this class. Select all that apply.

- paper and pen notes in notebook
- electronic notes outside Echo360
- electronic notes within Echo360
- written notes on hard copy of PowerPoint slides

Did your note taking preferences (electronic vs. paper) change as the semester progressed?

- Yes
- No

You answered yes. In what way did they change your note taking preferences?

Please indicate if you agree or disagree with these statements:

	Strongly agree	Agree	Neutral	Disagree	Strongly Disagree
Learning about some researchers gave me a better sense of what researchers are like as people.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biologists and scientific researchers can come from a variety of personal and educational backgrounds.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning about some researchers' backgrounds made me feel confident that I could be a research scientist.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would have liked to have learned about researchers' backgrounds more frequently.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would take this course again if I had it to do over.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would recommend this course to my friends.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Demographic data:

Did either parent complete at least two years of college?

- Yes
- No

Uncertain

Did you take AP Biology course (regardless of taking test or not)

Yes

No

Do you participate in varsity athletics at Davidson College?

Yes (which one)

No