LectureTools: A Powerful Web-Based Alternative to Clickers

Presented by

Perry Samson — samson@umich.edu







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My Agenda

MARKETING

FULFILLMENT

Answer Questions

Demonstrate what LectureTools does

- Show what's been learned
- Guide you to set up your own course
- Where's this going?



Student's View :: Reorder Quiz

Instructor's View :: Reorder Quiz

Student's View :: Image Quiz

Instructor's View :: Image Quiz

Student's View :: Social Networking

		Paul Schmidt	Jennifer Gregory
	Lauren Thams		Megan DeShong
	Steven Anderson	Ryan Leach	
		Teya McCockran	
	Martha Stortz		
Brian Instein	Meredith Rogan		Veronica Snoddy
obert venson			Dillon Mehrberg
	Meredith Reynolds		Noah Jacob
aura Iople		Yolanda Cossio	
hase asters		Brandon Breslow	

FRONT OF CLASS

	Matt LaChance								
sahil saluja		Leslie Shellito		Sarah Ward	Connor Field		·		
	Marsheda Ewulomi	Heather Lucier	Heather Heather Luc	Michaelene Pye			Sarah Bush		Jamie Ticknor
	Elaina Peterson		2/24		Emma Stevens				
				1	Adrienne Reed	Shane Malott			
Heather Dorer		Veronica Cetnar		irtney kman	John Birney			Anna Mickols	Erika Mayer
		Casey Herman		ichel latz	Shannon Eagen	Oliver Nakad	Christina Barkel		Rebecca Siegel
	Jackie Endres	Elisabeth Peters	Year: Freshn Major: Undeci Living: Oxford	ided chael			Michelle Weatherdon	Jeremy Tyler	
Albert Ong	Elizabeth LaBelle			Mark Wilhelm		Mark Leemon	wenmian shao	Stacia Simonsen	Michelle Wong
Neesha Sarkunaseelan	Slyvia Moh Sze Tan		Adam Richards		Rebecca Segel	Chelsea Samples- Steele	Carolyn Somes	Mari Yamanami	Gabriel Suprise
Joseph Taverna	Kelsey Hagberg	Paige Bennett	Peter VandenToorn	Nicole Morack	Christopher Johnson	Benjamin Trachman			daniel herman

Elizabeth Raschke		Perry Samson
Lauren Schmandt	Jeffrey Chang	
Mark Beaudry		
Kelly Clawson		Eric Rodrigu
		Melissa Nacy
Stephanie Kunkel	Teresa Sinelli	
Sarah Adams		zachan fortier
Bridget Hunt	Amanda Ghourdjian	

Change Seat

Refresh

Not in Lecture:

Katie McKeiver Aneisha McDole tristin llewellyn Angela Wang Ashley McNees Scott Granger Melanie Killips James Larkin Sagar Patel Joseph Krotkiewicz LaToya Williams Jessica Asbill

LectureTools





LectureTools

Username: Password: Login Forgot your password?	Step 1. Find your School STEP 1a: Enter Postal Code <i>United States: Enter the first 3 digits of your school</i> <i>Canada: Enter the first 3 digits of your school posta</i> <i>Australia: Enter prefix "A" plus the first 2 digits of your</i>	I code.	
Not Registered?	• STEP 1b: Select School from resulting local school list:	Select your school	
Student Registration Instructor Registration	- Stan 2	- Select your school - Boulder College of Massage therapy	
	Step 2 Proceed Cancel	University of Colorado at Boulder	
		- Front Range Community College	
	Student Registration Instructions	Naropa University	
		Montessori Education Center of the Rockies	
	Copyright ©2005-2009,		
		Southwest Acupuncture College	
		UNIDATA	

Answers to Anticipated Questions

Zip Code =	803xx
Term =	Spring
Year =	2009
Course =	LectureTools 101

My Agenda

 Demonstrate what LectureTools does

Show what's been learned

- Guide you to set up your own course
- Where's this going?

Change in class

Students voluntarily bring laptops to class



Change in class

Students ask more questions





Have you used 'clickers' (like Qwizdom) in other classes?



Critiquing Clickers

- Design
- The scope of questions are limited
- Students can't ask questions
- Not integrated with other learning strategies

Use

- Students feel they're used mostly to take attendance
- Question design is key.

An Alternative to Clickers

Given the option which would you prefer:



Student Feedback:

1. I really prefer the use of lecturetools compared to "the clicker".

2. I feel that lecture tools is very efficient and really helps me stay organized.

3. I feel that lecturetools is a much more interactive system than the clicker. It is very easy to access and use, and provides a multitude of note taking options.

4. Printing out 10 pages of slides for every class is a horrible waste of paper. This system is extremely efficient and very well put together.

Student Feedback:

5. I only wish that I had more classes using this system as it would save me a lot of money and a lot of headaches.

• I find the fact that I can ask questions directly to a GSI and get an immediate answer (or read others' questions and see those responses) to be really helpful

• My favorite feature, however, is the fact that this is all available online, and for free, which is \$35 less than "the clicker."

• I think it's far superior to Quizdom. I've found that most people seem to use Quizdom only as a way to check attendance.

Faculty Concerns:

1. To what degree will the introduction of laptops into class introduce distractions?

2. To what degree will the introduction of laptops into class change attentiveness?

3. To what degree will the introduction of laptops into class change engagement?

4. To what degree will the introduction of laptops into class change student learning?

"How do you feel that your use of laptops in this class has changed the time you spend on tasks unrelated to the lecture?"



"In classes where you do not use a laptop, what percentage of time do you estimate you are engaged in tasks <u>not</u> pertaining to that course?"



"How do you feel that your use of laptops in this class has changed the time you spend on tasks unrelated to the lecture?" {Fall, 2008}



"How do you feel that your use of laptops in this class has changed the time you spend on tasks unrelated to the lecture?" {Winter, 2009}



What's Changed?



What's Changed?



Do work for this class (other than homework)

Read materials unrelated to class

Play games

Do work for other classes

Daydream

Converse

"My attentiveness in this class has increased due to laptop use"



"In this class laptops help me to be engaged during lecture"



"Do you feel that the use of your laptop in class has affected your learning?"



Summary

Laptops are a source of distraction:

- 1. Students admit that the presence of laptops in class adds distraction.
- 2. Distraction appears to affect women more than men.

Regardless, laptops are viewed as positive

- 1. Students feel laptops help then be more engaged.
- 2. Students feel laptops help then be more attentive.
- 3. Students feel laptops have a positive affect on their learning.

My Agenda

Demonstrate what LectureTools does

Show you what's been learned
Guide you to set up your own course

Where's this going?

My Agenda

- Demonstrate what LectureTools does
- Show what's been learned
- Guide you to set up your own course
- Where's this going?

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My Courses	Lecture Selection	This Lecture	Links	Instructions	
	Statistics exams Guno Handouts				
Lecture Slides for: 1	Tuesday, May 5, 2009		N M	ly Notes	Slide Specific Resources
 Lecture Slides for: Tuesday, May 5, 2009 Welcome to Stats 350 Winter 2009 Brenda Gunderson bkg@umich.edu Please Pick up a Syllabus Handout Also up front: a few copies of lecture notes for today (if you have your lecture notes coursepack – you don't need this!) We will turn on clickers LATER in class. Today: Go through syllabus & course basics Intro to Chapter 2: Turning Data into Information Try some Clicker Questions along the way! For next class: Read Chapters 1 and 2 "Statistical thinking will one day be as necessary for efficient citizenship as the ability to read and write." H. G. Wells 		B			
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this question.

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Perry Samson logout	Lightning: Due Friday, Apr 10 by 10:00 AM	
Your Answer to Question #2:	Lightening Detection and Suppression	HIGHLIGHTED PARAGRAPH
The radio waves produced by lightning are called: sferics St. Elmo's fire thunder sonic boom ball lightning Your answer is CORRECT! Please take a moment to affirm your answer by reading the highlighted	For many years, lightning strokes were detected primarily by visual observation. Today, cloud -to-ground lightning is located by means of an instrument called a lightning direction-finder, which works by detecting the radio waves produced by lightning . A web of these magnetic devices is a valuable tool in pinpointing lightning strokes throughout the United States, Canada, and Alaska. Lightning detection devices allow scientists to examine in detail the lightning activity inside a storm as it intensifies and moves (see Fig. 10.24). This gives forecasters a better idea where intense lightning strokes might be expected. In addition, when this information is correlated with satellite images, a more complete and precise structure of a thunder storm is obtained.	MARGIN NOTES Click here to attach a margin note to the highlighted paragraph or click another paragraph to highlight. List My Margin Notes for this Chapter VISUALS
section from the text. Confidence Distribution for This Question from Your Course 1 0% 2 0% 3 4% 4 21% 5 75% AOSS 102 responses = 303 Still confused? - Search clarifications others have requested.	Each year, approximately 10,000 fires are started by lightning in the United States alone and around \$50 million worth of timber is destroyed. For this reason, tests have been conducted to see whether the number of cloud -to-ground lightning discharges can be reduced. One technique that has shown some success in suppressing lightning involves seeding a cumulonimbus cloud with hair-thin pieces of aluminum about 10 cm long. The idea is that these pieces of metal will produce many tiny sparks, or corona discharges, and prevent the electrical potential in the cloud from building to a point where lightning occurs. While the results of this expe rime nt are inconclusive, many forestry specialists point out that nature	Fig. 10.24 KEYWORDS Cloud – A visible aggregate of tiny
Next Question Need clarification? — Search clarifications other have requested about	itself may use a similar mechanism to prevent excessive lightning damage. The long, pointed needles of pine trees may	water droplets and/or ice crystals in the atmosphere above the earth's surface.

EXTREME WEATHER AND CLIMATE

C. DONALD AHRENS PERRY SAMSON

Next Steps

Try it! http://www.lecturetools.org

Write me... samson@umich.edu