



TECHNOLOGY TOOLS FOR TEACHING

Interactive Demonstrations



Friday, November 16 // 8:30–10:30 a.m.

1060 Biological Sciences Building

Thinking about integrating some new technologies into your course or just want to hear about what other instructors are doing?

Stop by and visit some or all of the 25 interactive demonstrations of educational technologies and see how they are being used in a variety of U-M classes.

Demonstrations presented by U-M staff and faculty. Meet new people, learn about new technologies, and leave with some inspiration!

Technologies Include:

- Student response systems
- Interactive websites
- Screen recorders
- Classroom engagement tools
- Social media tools
- Media production and editing tools

Register at: tinyurl.com/techtoolsdemo

Not required, but helps us to estimate food and printing needs.

Questions?

lsa.umich.edu/iss • lsa-iss-ltc@umich.edu

TECHNOLOGY TOOLS FOR TEACHING

Interactive Demonstrations

Wacom Touch Monitor - Podium Computer

The Wacom Touch Monitor is the interactive monitor found in LSA classrooms. The Wacom allows instructors to annotate slides, PDFs, websites, or a blank screen while presenting material to the class.

Amy Schell, AV Technician, LSA Technology Services

iClicker - iClicker Cloud - Station #1

iClicker is a widely used student response system that encourages participation and engagement. iClicker Cloud is the mobile version of the iClicker software which is currently in pilot stages.

Anthony King, Instructional Consultant, LSA Technology Services

Kahoot! - Station #2

Kahoot is a free audience response system that works with students' cell phones. Students can take quizzes, surveys, participate in discussions and even have team competitions. Kahoot is fun, colorful, and a great tool for engagement and formative assessment.

Teri Horton, Instructional Consultant, LSA Technology Services

Zooniverse - Station #3

Zooniverse is an online crowdsourcing platform that allows for almost anyone to participate in real research across the sciences, social sciences, and humanities by completing tasks such as identifying animals in the Serengeti, counting penguins in Antarctica, or discovering new galaxies.

Justin Schell, Learning Design Specialist, UM Library

Trello - Station #4

Trello has everything you need to organize projects of any size or even your classroom—collaborate with colleagues or your class. This online tool allows you to open a card to add comments, upload file attachments, create checklists, add labels and due dates, and more.

Chris Myers, Web Designer, School of Public Policy

Perusall - Station #5

Perusall allows an instructor to engage students with reading and other team based activities before they come to class. Instructors can have students purchase the textbook via Perusall or upload a pdf. Students annotate the text and can see the annotations of their classmates. Grading is done automatically with a machine learning algorithm and can automatically flow to Canvas.

Steve Yalisove, Professor, College of Engineering

GarageBand - Station #6

GarageBand is an excellent tool for creating podcasts or other audio assignments. GarageBand is a fully equipped sound recording studio right inside your Mac—and it's so easy we can teach the basics in 3 minutes.

Crystal Cole, BlueCorps Advisor, LSA Technology Services

Camtasia - Station #7

Camtasia is a software suite for creating video tutorials and presentations directly via screencast or via a direct recording plug-in to Microsoft PowerPoint. Students can use Camtasia for demonstrations, podcasts, or other media assignments.

Luke Creger, Media Assistant, LSA Technology Services

Kaltura Personal Capture- Station #8

Kaltura Personal Capture is a screen recording software that is available right from Canvas. It will record any combination of up to two video sources (desktop/webcam) plus microphone audio. It can be used to create how-to videos and for students to record and submit audio/video assignments.

Melinda Kraft, Service Manager, ITS Teaching and Learning

Teaching with iPads - Station #9

Presenting a lecture from an iPad allows the instructor to take notes and mark up the lecture slides or other class documents such as exams or sample lab reports which can be saved for later. Students can observe problem solving or important points can be highlighted.

Amy Gottfried, Professor, Chemistry Department

M-Write - Station #10

M-Write focuses on implementing writing-to-learn pedagogies in large-enrollment courses in multiple departments in LSA and the College of Engineering. Students in the M-Write course write in response to a prompt, participate in automated peer review, and revise their original draft in response to the peer review.

Solaire Finkenstaedt-Quinn, Post-Doc Fellow, Chemistry Department

Problem Roulette - Station #11

Problem Roulette (PR) is a web-based practice tool that offers access to a large library of past exam problems by course. PR provides students with equal access to a low-risk practice space to develop domain-specific competencies, and ready themselves for tests in courses that use multiple choice exams.

Ollie Saunders, Academic Innovation

ViewPoint - Station #12

ViewPoint enables educators to easily create and implement simulations in their classrooms. This platform provides customized, hands-on role-playing simulations to create engaged and interactive learning opportunities.

Holly Derry and Ben Hayward, Academic Innovation

GradeCraft - Station #13

When people play well-designed games, they are deeply engaged. This was the inspiration for the development of GradeCraft, a gameful web-based learning management system in support of learning environments reimagined to better support students' intrinsic motivation.

Cait Holman, Associate Director for Research & Development, Academic Innovation

YellowDig - Station #14

Yellowdig is an academic social media platform that connects students and educators through forum-style discussion. This technology allows students to stay engaged after a course concludes.

Elizabeth Fomin, Instructional Consultant, LSA Technology Services

WordPress - Station #15

WordPress is an open-source content management system that features a plugin architecture and a template system. Students can use WP to create lasting blogs, forums, personal websites, and media galleries.

Carla Stellrecht, Instructional Consultant, LSA Technology Services

Google Sites - Station #16

New Google Sites is a simple and powerful tool for building and sharing websites. A number of instructors are currently recommending Google Sites as a platform for students to share their learning journeys with classmates, instructors, and the wider world.

Diana Perpich, Instructional Technologies Librarian, UM Library

CATME - Station #17

CATME is a system of secure, web-based tools that enable instructors to implement best practices in managing student teams. The tools and training are supported by the literature on teamwork and training, along with independent empirical research.

Heather Rypkema, Instructional Consultant, CRLT

GradeScope - Station #18

Gradescope streamlines the tedious parts of grading both paper-based and digital assignments while providing insights into how students are doing. Instructors can easily share grades and digital copies of exams or student work with students. No need to alter assignments! Gradescope allows instructors to apply a consistent grading scheme, while providing detailed feedback.

Tom Finzell, Research Fellow, Physics Department

Canva - Station #19

Canva provides teachers and students with a simple way to design. Its drag and drop functionality enables them to create presentations, posters, one-page documents, social media posts, and infographics.

Rachel Kreager, Instructional Consultant, LSA Technology Services

Image Rich Databases - Station #20

Finding appropriate and useable images for lectures and presentations presents enormous challenges. This station will offer suggestions and strategies for locating and evaluating image-rich databases across disciplines.

Rebecca Price, Librarian, UM Library

Story Maps - Station #21

Story Maps enable you to combine interactive maps with narrative text, images, and multimedia content. They provide a powerful, engaging, and inspiring alternative for educational activities and assessments, as well as instructional delivery, as compared to traditional presentation or paper-writing methods.

Caitlin Dickinson, Research Computing Consultant, LSA Technology Services

GEOPlanner for arcGIS - Station #22

GeoPlanner for ArcGIS is a web-based planning tool that empowers you to rapidly design and evaluate scenarios in a spatial context. GeoPlanner is applicable to a wide range of activities, such as planning public transportation routes, designing wildlife conservation strategies, and developing alternative energy scenarios.

Peter Knoop, Research Computing Consultant, LSA Technology Services

Canvas - Station #23

Canvas hosts various learning tools to aid in students' engagement and understanding. Learn more about how to best utilize this learning management system.

Cathy Crouch and Britain Woodman, ITS Teaching and Learning

BlueJeans - Near Left Projector Screen

Cloud based meetings and large interactive events that are simple, scalable, and secure.

Todd Austin, Video Conferencing Lead, LSA Technology Services

DUO Support - Table by Classroom Door

As you may have heard, all faculty, staff, and student employees will need to be registered for Two-Factor Authentication using DUO Security by January 23, 2019. DUO Security adds an extra layer of protection to help keep files and other data safe in an increasingly information-sensitive world. Visit the DUO table with any questions and to learn which options work best for you!

Raine Baker, Operations Technician, LSA Technology Services

