

2013 Teaching with Technology Symposium

May 22 Program

8:30 - 9:00 am

Registration and Light Breakfast

Location: 51 Winthrop Street

9:00 - 9:10 am

Welcome and Opening Remarks

David Harris, Provost

Location: Tufts Interfaith Center, 58 Winthrop Street

9:15 - 9:45 am

Teaching with Technology Awards Presentation

Gina Siesing, Director, Educational and Scholarly Technology Services, TTS

Location: Tufts Interfaith Center, 58 Winthrop Street

Awards will be presented to the winners of the 2013 Teaching with Technology Awards competition and faculty who received an honorable mention will be recognized. A short video showcasing the teaching techniques of the winners will also be shown.

9:45 - 11:00 am

Panel Discussion: The Impact of New Technologies on Teaching at Tufts

Facilitator: Gina Siesing, Director, Educational and Scholarly Technology Services, Tufts Technology Services

Location: Tufts Interfaith Center, 58 Winthrop Street

The 2013 NMC Horizon Report indicates that the “the role of educators continues to change due to the vast resources that are accessible to students via the Internet,” and that “education paradigms are shifting to include online learning, hybrid learning, and collaborative models.” A number of the committees involved in the Tufts strategic planning process (T10) have been exploring how these key trends, as well as research in the areas of cognitive science and learning theory, are impacting Tufts and its educational approaches.

In this session, we will explore what is on the horizon for higher education institutions like Tufts, and we will hear from colleagues with leadership roles in the T10 process reflecting on how they see teaching and learning being transformed with assistance of technology. We’ll explore these questions:

- Are new technological possibilities driving educational transformation, or is new information about what makes an educational experience “successful” (and cost-effective) driving developments in technology-enabled higher education? Or both?
- What factors are most important for evolution at Tufts?

Presenters:

Boris Hassleblatt, Professor of Mathematics, School of Arts and Sciences, Chair, Digital and Online Initiatives Working Group

David Kahle, Vice President and Chief Information Officer, Chair, Enabling Services, Technologies, and Resources Committee

Peter Uvin, Academic Dean and Professor of International Humanitarian Studies, Fletcher School, Chair, Teaching and Learning Committee

11:00 – 11:15 am

Break

Location: 51 Winthrop Street

11:15 am – 12:15 pm

Lightning Round: Teaching with Technology Tips

Location: 58 Winthrop Street

Facilitator: David Grogan, Senior Solutions Specialist, Educational and Scholarly Technology Services, Tufts Technology Services

In this session, presenters will get 5 minutes to share their teaching with technology tip. In their tip, they will describe the teaching challenge they were trying to address and how they used technology as part of their solution.

12:15 – 1:00 pm

Luncheon

Location: 51 Winthrop Street

1:00 – 3 pm

Teaching with Technology Expo

Location: 51 Winthrop Street

Showcase of Tufts tools, services, and innovative teaching techniques.

May 23 Program

8:30 am

Light Breakfast

Location: 51 Winthrop Street & The Hillel Center

9:00 – 10:00 am

Workshop Session #1: You may attend one of the following concurrent workshops:

Workshop #1A: What Does It Take to Develop and Teach an Online Class?

David Denby, Senior Lecturer, Philosophy, School of Arts and Sciences

Diane McKay,, Program Director, Academic Programs, Friedman School of Nutrition Science and Policy

Facilitator: Patrick Connell, Educational Technology Manager, Friedman School of Nutrition Science and Policy

Location: 58 Winthrop Street

This session will provide attendees with:

- An overview of online learning at Tufts
- A basic understanding of the major components and pitfalls of online learning
- Examples of online learning at Tufts and beyond

Workshop 1B: Sustaining Innovative Course Design - Panel Discussion

Addy Alt-Holland, Assistant Professor, Research Administration, School of Dental Medicine

Michelle Wilkerson-Jerde, Assistant Professor, Education, School of Arts and Sciences

Facilitator: Sheryl Barnes, Assistant Director, TTS Educational and Scholarly Technology Services

Location: The Hillel Center

Join faculty colleagues for an open discussion about how they create and sustain innovation in their courses. The focus of this session will be on how instructors decide where to innovate and why they do so, how they modify course design elements to sustain impact over time, and how they assess the impact of these changes. This session cuts across all disciplines and technologies to focus on the thinking and design processes that underlie successful and impactful teaching innovations.

10:00 – 10:15 am

Break

10:15 – 11:15 am

Workshop Session #2: You may attend one of the following concurrent workshops:

Workshop 2A: Blend Your Course Using Flipped Design

Ethan Danahy, Research Assistant Professor, Computer Science, School of Engineering

Sam Thomas, Assistant Professor, Chemistry, School of Arts and Sciences
Facilitator: Rebecca Sholes, Senior Faculty Development Specialist, TTS Educational and Scholarly Technology Services
Location: 58 Winthrop Street

How can you maximize class time by actively engaging students beyond transferring information and facts? The Flipped Classroom is an experimental course design where lectures are made available online for student review and students spend more time in class applying concepts. The flipped design can take many forms and to be effective it requires careful planning and implementation. Professors Ethan Danahy and Sam Thomas will share what they learned from flipping their classrooms.

Workshop #2B: Leveraging iPads to Improve Teaching and Learning

José M. García-López, Associate Professor, Clinical Sciences, Cummings School of Veterinary Medicine
Alisha Rankin, Assistant Professor, History, School of Arts and Sciences
Facilitator: Haejung Chung, Senior Educational Technology Specialist, TTS Educational and Scholarly Technology Services
Location: The Hillel Center

As tablets continue to grow in popularity, several Tufts faculty have been experimenting with iPads in their teaching. In this session, faculty will demonstrate and discuss how they have used iPads in novel ways that are either not possible, or not easy, with other technologies. Participants will leave this session with an awareness of a wide range of possible uses for iPads and also several tools and techniques specifically related to student engagement and active learning.

11:30 am –12:30 pm

Workshop Session #3: You may attend one of the following concurrent workshops:

Workshop #3A: Finding and Using High Quality Free Public Content for Teaching and Learning

Facilitator: Sheryl Barnes, Assistant Director, TTS ESTS
Location: The Hillel Center

There's a huge and ever-increasing amount of educational content available freely on the web, but finding what you need/want can resemble the proverbial search for the needle in the haystack. This session will review a selection of high-quality, publicly available resource sites that you can use both in your own instruction and/or for student assignments. We will look at more traditional content repositories as well as Massively Open Online Courses (MOOCs), and will discuss both the opportunities and the challenges associated with finding and leveraging such content in your classes.

Workshop #3B: Creating Instructional Video Modules

Facilitator: Neal Hirsig, Senior Client Support Specialist – LMS, TTS

Location: 58 Winthrop Street

This session will provide attendees with:

- An overview and demonstration of a variety of lecture/screen capture tools for creating video modules
- An examination of various video distribution methods
- Best practice tips

12:30 – 1:15 pm

Luncheon

Location: 51 Winthrop Street

1:15 – 2:15 pm

Workshop Session #4: You may attend one of the following concurrent workshops:

Workshop #4A: Multimedia Student Assignments

Nancy Gleason, Post Doctoral Scholar, CIERP, The Fletcher School, Lecturer, Political Science, School of Arts and Sciences

Ron Lasser, Professor of the Practice, Electrical and Computer Engineer, School of Engineering

Kris Manjapra, Assistant Professor, History, School of Arts and Sciences

Facilitator: David Grogan, Senior Solutions Specialist, TTS Educational and Scholarly Technology Services

Location: 58 Winthrop Street

This session will provide attendees with:

- An understanding of the learning goals multimedia assignments attempt to address
- How to craft the assignment
- Tools and services at Tufts available to faculty and students
- Lessons learned by faculty who have used these assignments.

Workshop #4B: Tools for Gathering Student Feedback - Hands on exploration of Qualtrics and Clickers

Sheryl Barnes, Assistant Director, TTS Educational and Scholarly Technology Services

Haejung Chung, Senior Educational Technology Specialist, TTS Educational and Scholarly Technology Services

Location: The Hillel Center

This session will be a hands on exploration of two Tufts-wide tools often used to improve teaching and learning by gathering and analyzing student feedback:

Qualtrics and Clickers. Qualtrics (tufts.qualtrics.com) is a full-featured survey tool available to everyone at Tufts. During this session, participants will log into the tool to create a simple survey and will discuss effective ways to leverage this tool to gather students' feedback. Clickers have been used skillfully by many faculty at Tufts for several years, but others have never experimented with them directly. In this hands-on session, participants will go through the process of setting up and using clickers, from both the student role and the faculty role, to get comfortable with the technology. Best practices for effective use of the devices will also be discussed.

2:30 – 3:30 pm

Workshop Session #5: You may attend one of the following concurrent workshops:

Workshop # 5A: Student Feedback to Guide Your Teaching

Susan Koegel, Lecturer, Biology, School of Arts and Sciences

Freeden Oeur, Assistant Professor, Education, School of Arts and Sciences

Facilitator: Haejung Chung, Senior Educational Technologist, TTS Educational and Scholarly Technology Services

Location: The Hillel Center

The presenters in this session will showcase creative techniques and tools that provide effective formative feedback for themselves and their students. As class polling (i.e., clickers), survey, and blogging tools make it much easier to capture student thinking more frequently, presenting faculty will explain how they used such student feedback to revise what is being taught, inform next instruction, and involve students as partners in decision making.

Workshop #5B: Digital Storytelling Hands-on

Bryan Revis, Digital Media Technologist, Tisch Library

Location: Digital Design Studio, Tisch Library

This session will provide attendees with:

- An overview of some of the tools and services available at Tufts and on the “cloud” for creating digital stories.
- Hands-on experience using at least one of these tools.