



# Schedule of Events

2016 CIT FACULTY TECHNOLOGY SHOWCASE

FRIDAY, FEB. 26 // 9 A.M. TO 1 P.M.

A232 GORDON PALMER HALL

## 9:00–9:50 a.m.

*Using Excel Pivot Charts & Tables to Make Sense of Complex Data Sets*

### **Firat Soylu**

Excel Pivot Charts/Tables are wonderful tools that allow you to dynamically interact with and explore your data as well as prepare your data for inferential analysis. In this presentation, I will introduce you to these tools and demonstrate some practical Excel tricks. I will use cognitive psychology data sets as examples, but the heuristics shown would be applicable to any field.

Flipped Learning is a pedagogical approach in which direct instruction moves from the group learning space to the individual learning space, and the resulting group space is transformed into a dynamic, interactive learning environment where the educator guides students as they apply concepts and engage creatively in the subject matter (Flipped Learning Network, 2015). In this session, the benefits of the flipped classroom will be presented. Perspectives are discussed by instructional designers and faculty with experience employing the flipped classroom model.

*Using High Performance Computing to Understand the Formation*

### **Jeremy Bailin**

This presentation discusses my use of UA's high performance computing cluster to numerically simulate the formation of galaxies, so we can understand their evolution in ways that are not possible with observations or without supercomputers.

*UA+Box for ODS Note Takers*

### **Heather Baker**

Students with peer note taker accommodations through the Office of Disability Services can now access class notes through UA+Box. This presentation will show faculty how to set up the notes folder in UA+Box for ODS students and their course note taker.

*Using Telehealth Technology to Address Multiple Chronic Conditions in Rural Alabama: An Innovative Collaborative Initiative*

### **Robin Lawson, Gwen Hooper, Scott Arnold, Jeanine Lawrence, Robin Heubner, and Mathew Ander**

A brief discussion of how the initiative provides students in nursing, medicine, social work, and nutrition with the opportunity to work in teams using telehealth technology will be presented. A description of how the team engages in a collaborative decision making process to formulate evidence-based strategies aimed at improving health outcomes of patients in rural Alabama using real-time and store-it-forward telehealth applications will be provided. A demonstration of the state-of-the-art telehealth technology and equipment will be given.



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## 10:00–10:50 a.m.

*WordPress, Prezi and Google Docs in the Classroom*

### **Duncan Yoon**

This presentation will focus on three common softwares and how I implement them in the classroom. The first software is Wordpress, which I use to build course websites. These websites host a class blog, discussion board, a course materials archive and encyclopedia entries. The website also serves as a host for two other softwares I use. I embed digital presentations students make with the presentation software Prezi, as well as midterm and final crowd sources on Google docs. In this way, I encourage students to develop their critical thinking skills using digital tools. Such an approach combines traditional humanities scholarship with the acquisition of practical digital editing skills highly valued by many potential employers.

*The iPad as a Teaching Tool: Large-Enrollment Classes and Academic Continuity*

### **Marco Bonizzoni**

This presentation will focus on the iPad as a teaching tool. I will present how the iPad can be used in the following ways: as a virtual electronic whiteboard to present graphics-heavy content in large classrooms/auditoria, generate and edit video lectures on the iPad using natural handwriting, compatibility with Tegrity, deliver lectures through the iPad/BlackBoard/Tegrity in support of academic continuity (e.g. snow days, instructor's travel).

*The Arts and Sciences Teaching Hub*

### **Nathan Loewen and Jessica Porter**

The poster presentation will highlight features of the Arts and Sciences teaching and learning website, [www.teachinghub.as.ua.edu](http://www.teachinghub.as.ua.edu), as well as engage in dialogue with Showcase visitors about the site's design, potential features and future content. In short, the focus of the Teaching Hub is to promote community, collaboration, and teaching innovation in the College; provide opportunities to develop and refine teaching skills throughout the year, including yearly workshops, peer coaching, and the common book event; identify and share resources regarding effective, research-based teaching practices; and foster cross-disciplinary conversations on teaching and learning, relevant to faculty members at any level.

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## 11:00–11:50 a.m.

*Usability Testing and the Libraries' Website: Helpful Tools for Data Collection*

### **Denise Quintel**

In this presentation, I will be discussing the user experience research we've conducted at the University Libraries' over the past year. The focus will be on the tools we utilized for data collection and also tools we'll be interested to use in the near future.

*Frame.io for Instructor and Peer Review of Digital Video Projects*

### **Nathan Dains**

Frame.io is a web-based platform that features integration with leading video editing software. Benefits of using Frame.io include fast, simple hosting of media to be used in projects, and the ability to upload versions of projects for comparison and commentary from "collaborators," in this case, the instructor and classmates. While I will highlight benefits regarding video production courses, the tools and abilities available with Frame.io may be useful in other areas of discipline.

*Web-Facilitated Collaborative Learning in a Freshman Seminar*

### **Jennifer Roth-Burnette**

This presentation will demonstrate a class website in which students have added in three distinct ways to a repository of knowledge on which future class sections will build. These three elements are 1) an interactive timeline for music and political movements, which will orient future classes to the topic and to which those classes will also add; 2) group projects on primary source materials, for which web-based presentation is ideal because of its multimedia capabilities; 3) the most excellent final projects are also displayed on the website where they can be shared with family, friends, future employers, and the world. All of these materials serve as models for future students, and our goal over time is to build a repository of valuable information on music and political movements.

*Encoding Historic Manuscripts with Graduate Students:*

*The Beginnings of a Digital Edition*

### **Emma Annette Wilson, Connie Janiga-Perkins, and Mary Alexander**

This session aims to introduce faculty members to digital editing and annotating techniques that could be used in undergraduate and graduate classrooms to enable first-hand engagement with historical manuscript sources and the production of cutting-edge digital scholarship in a public forum. This presentation will discuss how colleagues at the Alabama Digital Humanities Center enabled a graduate class in Fall 2015 to transcribe and encode a never-before-published segment of the early modern spiritual autobiography of Madre María de San José (1656-1719) from Mexico (then New Spain). This presentation aims to suggest ways in which digital editing and textual encoding can be incorporated alongside traditional research methods to enable students to take part in pioneering front-line scholarship in the humanities.



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## 12:00–12:50 p.m.

*Livestreaming and Apps to Enhance Student Engagement*

### **Brandon Chicotsky**

This presentation will introduce apps that empower students who are unable to attend class or too timid to participate. See how livestreaming (broadcasting lectures in real time) through social media is easily implementable and useful for students to view the lectures while they're recovering from illness. Furthermore, you can build a community of interest around your course. Furthermore, view a demonstration of how mobile group applications enable quick votes, RSVPs, and reminders for enhanced communication between faculty and students. Brandon Chicotsky is currently the Coordinator of Experiential Learning in External Relations in the College of Communication and Information Sciences.

*NVivo for Literature Review*

### **Melissa Green**

NVivo qualitative data analysis software helps users organize and analyze unstructured data in documents, images, audio, video, spreadsheets, online surveys, web pages, social media content, and more. While the software is most often associated with qualitative and mixed methods research, researchers across disciplines can use NVivo for literature review. This session will share how faculty and student researchers can use NVivo to import a bibliographic library, code and query for authors and key themes, and export query results, visualizations, and bibliographic data. Information about the libraries' instructional support for NVivo and other academic software will also be provided.

*Increasing the UA Presence Across the State Through the Use of the Intercampus Interactive Telepresence System (IITS)*

### **Brenda Mendiola and Kevin Besnoy**

This presentation will highlight tips and techniques for teaching a live course utilizing IITS to reach remote areas of the state. Two options for organizing courses will be presented along with suggestions for engaging students at off-site locations.

## **Special Thanks to our Sponsors:**

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