Scary Movies – No, It’s Integrating the iPad into the University Classroom.

Presented by:

Scott Shaw, Assistant Professor & Chair, Game Design, Development & Studio Production – College of Technology.

Matt Wilson, Assistant Professor & Chair, FYE Program – College of Arts & Sciences

This session is for iPad users who would like to develop ways of applying iPad technology into the classroom. Examples of classroom uses from other universities will be discussed as well as the equipment needs, recommended apps, and strategies for effective classroom uses will be presented.
Educreations turns your iPad into a recordable whiteboard. Creating a great video tutorial is as simple as touching, tapping and talking. Explain a math formula... Create an animated lesson... Add commentary to your photos... Diagram a sports play...

With voice recording, realistic digital ink, photos and text, and simple sharing through email, Facebook or Twitter, now you can broadcast your ideas from anywhere.

TEACH WHAT YOU KNOW
• Help students with homework by working through an example problem.
• Put your lessons on the web so students can watch them before and after class.
• Tutor someone from afar.
• Showcase your video tutorials on educreations.com and share your knowledge with the world.
• Add your commentary to famous works of art.
• Diagram football plays, John Madden style.

FEATURES
• Record and replay your voice, handwriting and drawings
• Add text to any page
• Add photos from the iPad camera, Photo Albums, Dropbox or the Web
• Animate images by dragging them around while recording
• Pause and resume recording anytime
• Create multiple whiteboard pages
• Undo and redo your actions
• Choose from 10 different ink colors
• Create a free account on educreations.com and choose who can view your lessons
• Share your lessons via email, Facebook and Twitter
• Embed your lessons on your blog or website
Anatomy 3D: Organs

Named the best of the iPad Medical category in App Store Rewind 2011 by Apple.

Expand your knowledge of the organs with this robust application that combines 3D models, video, audio lectures, quizzes and text to create a rich learning experience. Includes basic information on the brain, heart, stomach, spleen, pancreas, small intestines, reproductive organs, large intestines, kidneys, liver, skin and lungs. Also learn about cells, tissues and organ systems. Each section includes beautiful diagrams of the organ anatomy, histology and location, along with text, video, audio and 3d models that support easy learning.

FEATURING:
★ 3D MODELS: Twenty seven models that you control, and include labels of the various structures.
★ AUDIO LECTURES: Twenty five audio lectures that describe organ functions and structures
★ VIDEOS: Five short videos that show the structures in action
★ QUIZZES: Each organ has it's own random multiple-choice quiz, with 8-20 questions about the physical anatomy of each structure. 135 questions total.
★ GLOSSARY: For a detailed study, a quick reference with over 320 structures.
★ DIAGRAMS: Each page has multiple diagrams that you can zoom into. Over 40 diagrams that cover anatomy, histology and functions of each organ, with text that describes basic information.

Created by an anatomy instructor and reviewed by medical experts. Enjoy the future of learning in this amazing application.
Keynote

Keynote is the most powerful presentation app ever designed for a mobile device. Built from the ground up for iPad, iPhone, and iPod touch, it makes creating a world-class presentation — complete with animated charts and transitions — as simple as touching and tapping. Highlight your data with stunning 3D bar, line, area, and pie charts, animated with new 3D chart builds such as Crane, Grow, Radial, and Rotate. Use full-screen view to present right on your iPad, iPhone, or iPod touch. Or use video mirroring to present on an HDTV, and preview your slides and notes on your device using the Presenter Display.

Get started quickly
• Choose from 12 Apple-designed themes including Gradient, Showroom, and Portfolio
• Design your presentation using your choice of slide masters, animations, fonts, and style options
• View and edit Keynote ’09 or Microsoft PowerPoint presentations; easily import files from Mail, the web, a WebDAV service, or your Mac or PC using iTunes File Sharing

Format and animate your slides
• Arrange the objects on your slides simply by dragging them to the slide canvas
• Create sophisticated animations using Magic Move, which automatically animates objects across consecutive slides
• Animate objects on slides with more than 20 builds
• Choose from over 20 professional-quality slide transitions, including Anagram, Page Flip, Mosaic, and Twist
• Use predefined text styles or choose text options to personalize your slides
• Quickly add your photos and videos from the Photos app using the Media Browser
• Organize your data with beautiful charts and tables
• Create and view impressive 3D bar, line, area, and pie charts, complete with 3D chart animation
• Skim through your presentation, add new slides, and reorder slides with the slide navigator
• Use advanced presentation controls including autoplay, looped, and viewer-guided slideshows
• Keynote automatically saves your presentations as you make changes
• Use the undo feature to go back through your previous changes — even the next time you open your presentation

Present and share.
• Use video mirroring to display any presentation on an external display or projector; navigate slides, view presenter notes, and use the laser pointer while presenting from your iOS device; stream wirelessly using AirPlay and Apple TV, or use an adapter (sold separately)
• Print your presentations on a wireless printer on your network using AirPrint
• Share your work by exporting it as a Keynote ’09, Microsoft PowerPoint, or PDF file and sending it via Mail
The Elements

You start off at a living periodic table where every element is shown with a smoothly rotating sample. To read about tin, tap the tin soldier. To read about gold, tap the gold nugget. Immediately you see the sample filling nearly the entire screen, photographed to razor sharpness and rotating around a complete circle in front of your eyes. Beside that is a column of facts and figures, each of which can be tapped to bring up rich detail and current information through the embedded Wolfram|Alpha computational knowledge engine.

Go to each element's second page and you find a fascinating story about the element, surrounded by carefully photographed objects representing it. Every one of these objects, well over 500 in total, is a freely rotatable, live object that you can examine from all sides and pinch zoom to see in unprecedented detail.

Touch the element name at the top of the page and you can see that element’s name in over a dozen different languages. Choose one and you’ll find that the entire book, stories, captions and all, switches to that language: The Elements includes both the full English original text and over a dozen full translations.

Pinch-zoom or tap any object to bring it up full screen, where you can split into a pair of stereo 3D images. Using inexpensive 3D glasses you can see all 500 objects pop off the screen in 3D, and you can spin the objects, in 3D, with the touch of a finger. You can’t get much more virtually real than that.

If you had a bad experience with chem class in school, this book is the antidote. If you or someone you know is afraid chemistry will be their most boring subject, this book will show them that there’s a lot more to the periodic table than a bunch of numbers and letters.

The full set of features includes:

- More than 500 stunningly photographed, high resolution, rotatable objects
- Detailed and current information from Wolfram|Alpha
- Beautifully composed pages for every Element in the periodic table
- Fun stories and fascinating facts
- All objects pinch-zoom with amazing detail and rotate in 3D
- Engaging introduction explaining the structure of the periodic table
- Fully translated into more than a dozen languages
GoodReader® is the super-robust PDF reader for iPad - the #1 selling non-Apple app for iPad in USA in 2010!
Mashable describes it as “a Swiss Army knife of awesome!”
Reviews worldwide hail it as “essential,” “the best,” “magnificent” and “the killer app”. With GoodReader on your iPad, you can read virtually anything, anywhere: books, movies, maps, pictures. Use it once and you’ll be hooked. Soon you’ll be wondering how you ever managed to use your iPad without GoodReader.
GoodReader has earned its accolades by the way it handles huge PDF and TXT files, manuals, large books, magazines, and renderings of 100 mb and more with great speed. The ability to mark-up PDFs opens up new doors to GoodReader users who can now use typewriter text boxes, sticky notes, lines, arrows, and freehand drawings on top of a PDF file.

GoodReader not only supports massive PDF and TXT files, but also handles the most popular file types:
• MS Office - .doc, .ppt, .xls
• iWork '08/'09
• HTML and Safari webarchives
• High resolution images
• Even audio and video!

ANNOTATE! Annotation is a feature long sought after by users who want to add their own mark-ups to PDFs, especially those collaborating as a team on shared documents. The types of annotations that can be created and edited in GoodReader include typewriter text boxes, popup comments ("sticky notes"), text highlights, freehand drawings, lines, arrows, rectangles, ovals, cloudy shapes, text underlines, strikeouts, text insertion marks.

MANAGE FILES! GoodReader lets you create folders, move, copy and rename your files; zip, email, unzip and unrar them; plus send your files to other apps.

TRANSFER FILES! Within moments of downloading GoodReader, you’ll be transferring files in a number of ways: directly from your computer over a USB cable or WiFi connection, from the Internet or from email attachments. It also easily integrates with Dropbox, SkyDrive, Google Drive, SugarSync, box.net and other WebDAV, AFP, SMB, FTP and SFTP servers.

SYNC YOUR FILES AND FOLDERS! The amazing Auto Sync feature will work with Dropbox, SkyDrive, SugarSync, box.net, and any other WebDAV, AFP, SMB, FTP or SFTP server.

PDF HYPERLINKS! The PDF hyperlink feature allows you to quickly jump back and forth within the document. Tapping a link quickly whisks you across a huge PDF book in an instant, and the “Go Back” button will take you back to the page you came from.

MORE VIEWING AREA! With no bars or buttons blocking the text, you’ll experience true full-screen reading. Do your document’s pictures split in halves across two pages? That’s not a problem with GoodReader – one of the only apps to offer a special double-page mode for viewing the entire spread! And if large page margins are annoying, get rid of them with GoodReader’s special PDF crop tool!

TEXT SEARCH! If you know what you’re looking for, the Text Search feature helps you find your way to the exact info you want in any PDF or TXT file.
AirPlay lets you wirelessly stream what’s on your iOS device to your HDTV and speakers via Apple TV. Or mirror exactly what’s on your display to the big screen. Vacation photos, blockbusters, the latest games — AirPlay and Apple TV put it all on your TV.

**What you see is what you show.**

AirPlay Mirroring lets you show exactly what’s on your Mac, iPhone, iPad, or iPod touch screen to everyone in the room. Show web pages, games, photos, videos, spreadsheets, class material, and more on your HDTV via Apple TV. Zoom in and out and pause for applause. Rotate from portrait to landscape and your audience sees that, too. AirPlay does it all wirelessly, so you can work the room or sit comfortably among the crowd. If you see it, so can they.
**APP Reference Guide:** In August 2010, Pepperdine University launched a three-term study looking at the use of iPad technology in the classroom and its impact on learning outcomes. Over the course of this study we collected this list of recommended apps from faculty and students.

For more information regarding the iPad research study visit: [http://services.pepperdine.edu/techlearn/tools/ipadresearch.htm](http://services.pepperdine.edu/techlearn/tools/ipadresearch.htm)

**NOTE-TAKING APPS**

**Sundry Notes** (lite-free. Pro-$2.99)
Features: text type, draw, record audio, create tables, import PDF files, images, and photos. Includes wifi collaboration, easy export and print.

**Note taker HD** ($4.99)
Features: text type, write using finger or stylus. Can draw diagrams, import PDF files, images, and photos as backgrounds. Easy editing and easing. Wrist guard, left handed friendly, VGA/HDMI supported.

**SMARTNOTE** (lite-free. Pro-$2.99)
Features: import, export, highlight and annotate PDFs. Write, text type, draw and sketch. Record audio, built in calculator and other toolbars. Various paper backgrounds such as note, graph and legal.

**E-READERS**

**iBooks** (free)
Features: download and read books. Can bookmark pages, add notes and highlight passages. Can also download, open and read PDFs.

**kindle** (free)
Google Books (free)

PDF READERS

GoodReader ($4.99)
Features: view and draw on PDF files. Text search, highlight, free hand draw, type write, underline, text insertion. Supports PDF, MS Office documents, webarchives, iWork, images, audio, video.

iAnnotate PDF($9.99)
Features: import and annotate PDFs. Annotation tools such as pen, highlight, type write, stamp, make notes, draw, underline, voice record, import images.

neu.Annotate PDF (free)
Features: import and annotate PDFs. Annotation tools such as pen, highlight, easy zoom.

DRAWING & DESIGN

ArtStudio for iPad ($2.99)

procreate ($.99)
Features: draw, paint, and sketch. Brush customization, layering system, HSB colors, zoom, import and export images.
SketchBook (express-free. Pro- $4.99)
Features: draw, paint, and sketch. Various canvas sizes, mulit-touch interface, many brushes, import images, move, scale and rotate layers. Color wheel with HSB and RGB color and project gallery.

**AUDIO RECORDING**

Smart Recorder (lite-free. Pro-$2.99)
Features: time based tags, time stamp, can append to existing recordings, forward and back 30 seconds of recordings, wifi sync, supports SyncDocs, files can be exported and share on box.net.

DropVox ($1.99)
Features: record audio and sends it directly to Dropbox account. Quality M4A format. Background capabilities-app will upload finished recordings.

Pocket Wavepad HD (free)
Features: record, edit, add effects, send audio. Supports autotrim and voice activated recording. Supports a number of file formats including wave and aiff.

e-Clickers

e-clicker host ($9.99) (e-clicker clients free)
Features: e-clicker system is made up of 2 parts: host and client. Teachers use host app to enter questions and poll students (client) responses. Able to project polls with VGA adapter

iResponse PRO Classroom Responder System (lite-$0.99, pro-$4.99)
Features: allows instructor to receive instant feedback from questions asked to class. Responses can be displayed in graph form, either to the entire class or just the instructor.
## Curriculum iPad Fit Framework

<table>
<thead>
<tr>
<th>LEARN What is the learning outcome for students?</th>
<th>TEACH How do you currently teach for this learning outcome? What activities do you or the students complete?</th>
<th>CHANGE What are you willing to change about how you teach this outcome? (e.g. resources, class activities, homework assignments)</th>
<th>EXPLORE How do you plan to teach for this learning outcome with the iPad? What kind of activities will you introduce to the class? What does the iPad and/or its apps bring to this learning outcome?</th>
<th>IMPLEMENT How will you assess student’s performance on this learning outcome?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>If used in class, how long will the activity take?</td>
<td></td>
</tr>
</tbody>
</table>