

Integrating Technology Workshop

Peter Mellow 2012



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A PDF copy of these notes is available from:

[http://
www.petermellow.com/
Aoraki Polytechnic/](http://www.petermellow.com/Aoraki_Polytechnic/)

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“We don’t want to teach technology.

We want the technology to just support what we do.

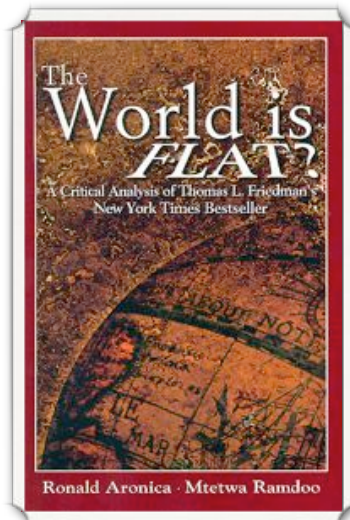
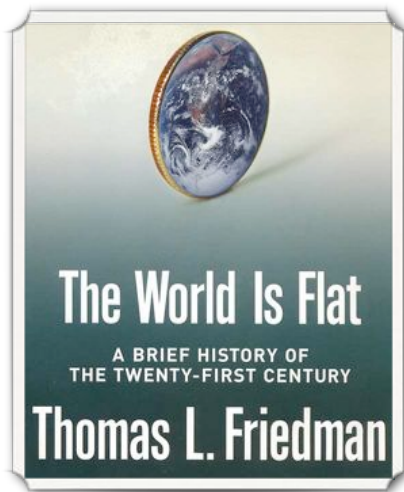
It needs to disappear and let us teach.”



Anton Harfmann, Assoc Dean,
University of Cincinnati



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MITOPENCOURSEWARE

MITWorld

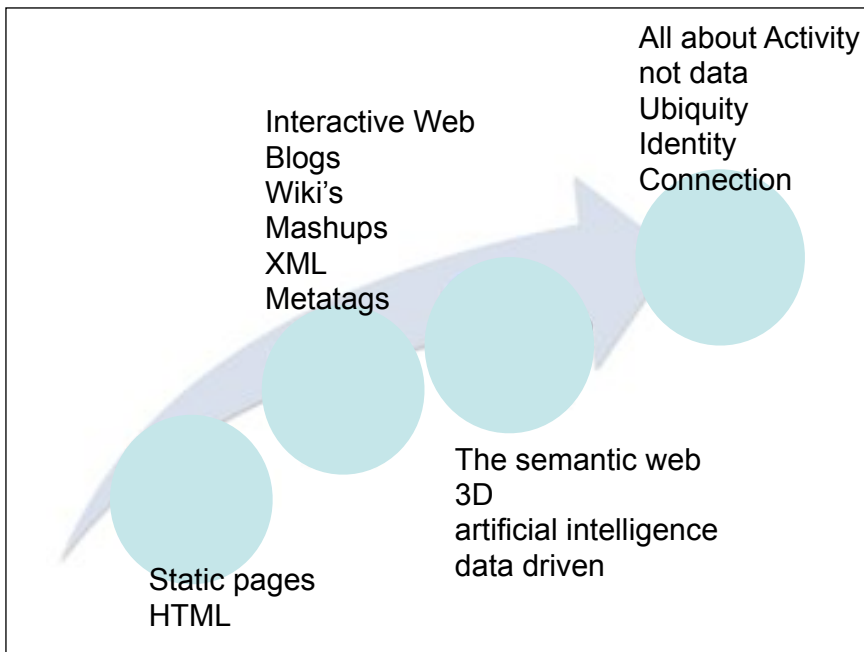
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"If you can do it you must do it,
otherwise your competitors will..."

"These are just technologies. Using them does not make you modern, smart, moral, wise, fair, or decent. **It just makes you able to communicate, compete and collaborate farther and faster.** In the absence of a world-destabilising war, **every one of these technologies will become cheaper, lighter, smaller and more personal, mobile, digital and virtual.**"

Thomas Friedman

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Then	Now	When?
Blackboard Learning Management System (LMS) - AUTonline	AUTonline Blogs Wikis Podcasting - AV ePortfolio CMS Wimba Scholar Skype/iChatAV Media Streaming Server	3D AV Twitter Educational Gaming Virtual Worlds Remote instrumentation Augmented reality Mapping mashups Data visualisation Digital & convenient Peer production Control & authority Learning spaces Changing mental models

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When someone asks "Why should we let our staff waste time using social computing tools (or Enterprise2.0 tools)?"

I say, "They are just new tools - like phone or email when they first got introduced" and then ask "Do you see opportunities to create more value, move ahead of competitors and serve your customers better by allowing staff to more easily discover/scan what other talented colleagues in my company are doing, and allow new connections to emerge?"

Dr. Bonnie Cheuk
bonniecheuk.blogspot.com/

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Blog

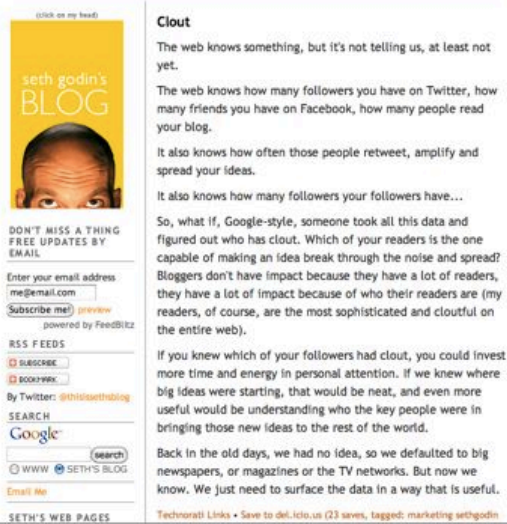
-Web log

-Reflective journal

-Online diary

-Soapbox

-Readers can
comment but not
edit



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Blogging is...to writing
what extreme sports are to
athletics: more free-form,
more accident-prone, less
formal, more alive. It is, in
many ways, writing out
loud.

Andrew Sullivan | The Atlantic

Blog



CC BY Will Lion

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Blogging

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iTunesU - Podcasting

The screenshot displays the iTunesU website. At the top, the title "iTunesU - Podcasting" is shown in large red text. Below the title is a navigation bar with a search icon and a "Search" button. The main content area is divided into several sections:

- Featured Content:** Three large banners at the top. The first is from WETA, titled "Film Clips & Lesson Plans: THE JEWISH AMERICANS A SERIES BY DAVID GARDIN". The second is from the United States Holocaust Memorial Museum, titled "HOLOCAUST DAYS OF REMEMBRANCE". The third is from Stanford University, titled "Promoting Democracy Abroad: Should We? Can We?".
- UNIVERSITIES:** A list of universities on the left side, including Abilene Christian University, American Military University, Arizona State University, Bowdoin College, Browne Community College, Carnegie Mellon University, Central Washington University, Concordia Seminary, DePaul University, Duke, Fuller Theological Seminary, Gordon College, Lehigh University, Loyola Marymount University, Miami Dade College, Michigan Tech University, MIT, New York Law School, NJIT, New Mexico State University, Northeastern University, Otis College of Art and Design, Pennsylvania State University, Queen's University, and Reformed Theological Seminary.
- ON EVOLUTION:** A section titled "ON EVOLUTION" with a "See All" link. It features three items: "Evolution" by The University of Arizona, "Charles Darwin: Evolution & What..." by American Public Media, and "Evolution Matters" by UCTV.
- TOP DOWNLOADS:** A section titled "TOP DOWNLOADS" with a list of five items: "Really Achieving Your PhD" by Randy Pauch, "The World is Flat" by Thomas L. Friedman, "Better Deeds: Super Hero and KIDZ", "Steve Jobs' 2005 Commencement Address", and "String Theory: What is it?" by Sara Crenshaw.
- Other Sections:** There are also sections for "Time Burglars, Attention Sinks & Bear Traps" by Martin Mann, "Unlocking Knowledge. Empowering Minds" by MIT OpenCourseWare, and "Celebrating Earth Day" by Aurora Forum at Stanford University.

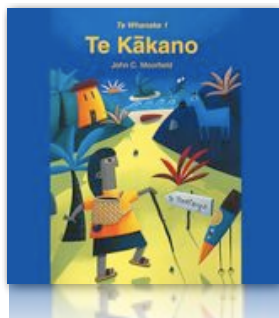
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Three types of podcasts

I - Audio only - MP3

2 - Enhanced - MP4

3 - Video - MP4



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2 - Enhanced podcast

Still images and audio

Navigation chapters

Links to URL

MP4

300 x 300



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Korero Pt England



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AUT



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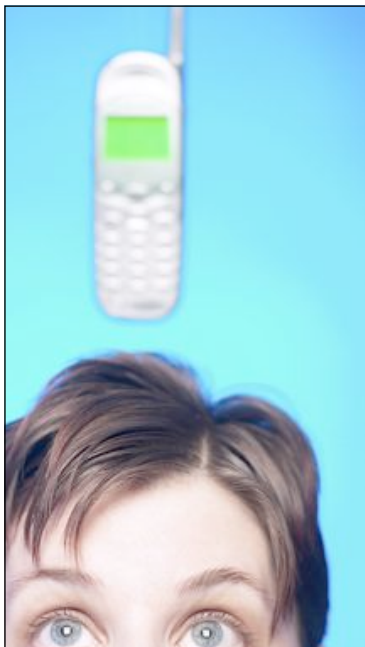
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Audio podcast

- Majority of current podcast content
- MP3/4 audio only



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Let's record!

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The screenshot shows the StudyTXT website in a web browser. The page title is "StudyTXT: How Does It Work?". The main heading is "StudyTXT..... How Does It Work?". The text explains that StudyTXT is a simple 'pull' cellphone service where users can download study tips in the form of text messages. It lists three easy steps to using StudyTXT. Step 1 involves using the message menu or visiting StudyTXT.com to see which papers are available. Step 2 involves sending a message code to 396, with an example "anatK1" for the Tibialis Anterior message. A table lists messages with their descriptions, abbreviations, and codes. A mobile phone is shown on the right displaying the StudyTXT logo.

Message #	Message Description	Abbreviations used in the message	TXT file code to 396
ALL	Lower leg muscles	Code for group and ALL messages in this group at 0.50 cents for the 1st msg and 0.30 cents for all other messages->	anatK
1	Tibialis Anterior, muscle origin, insertion and actions	O= origin of muscle, I= insertion of muscle, A= Action of muscle	anatK1
2	Gastrocnemius, muscle origin, insertion and actions	O= origin of muscle, I= insertion of muscle, A= Action of muscle	anatK2
3	Soleus, muscle origin, insertion and actions	O= origin of muscle, I= insertion of muscle, A= Action of muscle	anatK3

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The screenshot shows the Learning Interchange website. The main heading is "mLearning and the Three Ps: iPods, PDAs and (mobile) Phones". The page includes a login section, a list of contents, and a section for the author, Peter Mallow. The contents list includes: 1. Introduction, 2. StudyTXT, 3. Media and Technology, 4. Reflections and Feedback, 5. Research References. The author section identifies Peter Mallow as an Auckland University of Technology lecturer. The community section shows a 4.4 of 5.7 rating and a link to join the conversation.

Learning Interchange

Home > Member Submissions > Higher Education > Teaching, Learning, & Research

mLearning and the Three Ps: iPods, PDAs and (mobile) Phones

Introduction

Learning with mobile devices (mLearning) is now recognized as a subset of eLearning and provides another flexible delivery option for our students. In an effort to take the first step in establishing an mLearning base, Auckland University of Technology (AUT) developed StudyTXT. It is an innovative use of an existing technology.

StudyTXT is a mobile phone based short message service (SMS) using a 'pull' system. Students order text messages from a central database and receive them on their mobile phones to store, review and swap. To our knowledge, it is the first use of 'pull' SMS for education in the world. SMS in education to date has focused on 'push' models where lecturers send out group messages relating to study and the pastoral care of their students. This is an effective tool, however the institution incurs costs.

A 'pull' system, where the student decides on what they download, uses the same model as ordering a ring tone or screen wallpaper for their mobile. Students are familiar with these services. The StudyTXT system is currently offered free to other interested institutions, thus decreasing barriers to its uptake, although it has to be stressed that it is a user-pay system, and does impose a cost on their students. Currently eight tertiary institutions are using StudyTXT in New Zealand and a secondary school trial is now underway.

Contents

1. Introduction
2. StudyTXT
3. Media and Technology
4. Reflections and Feedback
5. Research References

[Printable Version](#)

Author

Peter Mallow
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Community

4.4 of 5.7 ratings

[Join the Conversation](#)
(2 Comments)

Collection Memberships

Teaching, Learning & Research
Peter Mallow's favorites
Charles Hager's favorites
David Bower's favorites
Cyprien Lomax's favorites

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"I found it most useful when I was on the bus and in bed"

"This feature is useful when you are not at your computer or in your study area"

"Convenient to have answers in the mobile and have a look at it at anytime"

"Mobile phone is natural"

"Allowed for revision on the bus etc. So it was great, I could study in places I usually could not"

Petrova, K. (2007) *Students Revising for a Test using SMS*. mLearn conference,

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"And despite what some may consider cell phones' limitations," our students are already inventing ways to use their phones to learn what they want to know.

If we educators are smart, we'll figure out how to deliver our product in a way that fits into our students' digital lives - and their cell phones. And instead of wasting our energy fighting their preferred delivery system, we'll be working to ensure that our students extract maximum understanding and benefit from the vast amounts of cell phone-based learning they will all, no doubt, soon be receiving."

Prensky, M. (2004) What can you learn from a cell phone?
Almost Anything!

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Tablets in the "post PC era"

Navigate

Home:

About Us

Our Team

Our Blog

Our Shareholders

Our Advisors

Our Communities

Our Media

Our Past

Contact Us

Events

Festivals

LWF Talks

Search

Join mailing list

Twitter

Facebook

LinkedIn

StumbleUpon

YouTube

Google+

Instagram

SoundCloud

Periscope

Nextdoor

Goodreads

Medium

DeviantArt

500px

Behance

Dribbble

« Karen Cator, US Dept of Education, LWF Talk, London, 2011 | Main | JISC Online Conference »

iPad - a game changer for learning?

Tuesday, November 23, 2010 at 11:26AM

Article first published May 11th 2010 [here](#) then recently updated.

The Apple iPad ushers in a new era of computing that leaves the world of offices behind, a profound paradigm shift that is difficult to appreciate until one has had the opportunity to live, play, work and learn with one. Graham Brown-Martin, founder of Learning Without Frontiers, explains why he thinks this is the most exciting development since the original Mac and why the education sector should take note.



I've been enjoying the benefits of an Apple iPad since early April and whilst Steve Jobs made it clear when launched that it was not intended to be a replacement for a laptop I wondered how close it could get. Could I dump the day to day laptop and just use this wafer thin marvel? After all, over the past years I have developed the knack of being able to run a lot of my day to day concerns via my iPhone whilst on the move rather than carrying a laptop in a saddle bag.

Of course, life wasn't always like this.

I used to pack a MacBook Pro 17" that frankly weighed a ton and was embarrassing to use in a train or plane let alone the underground or on a 453 from New Cross Gate into town. Of course, it

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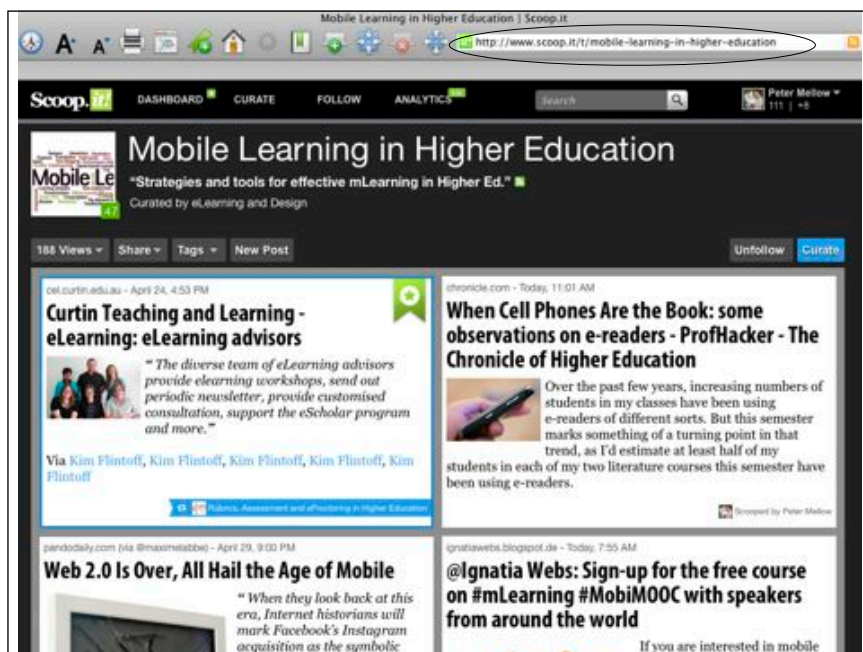
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**“...whether we like it or not,
whether we are ready for it or not,
Mobile learning represents the next step in a long tradition of technology-mediated learning.”**

Ellen D. Wagner, Educause Review vol 40, no. 3 May/June 2005 pp. 40-53

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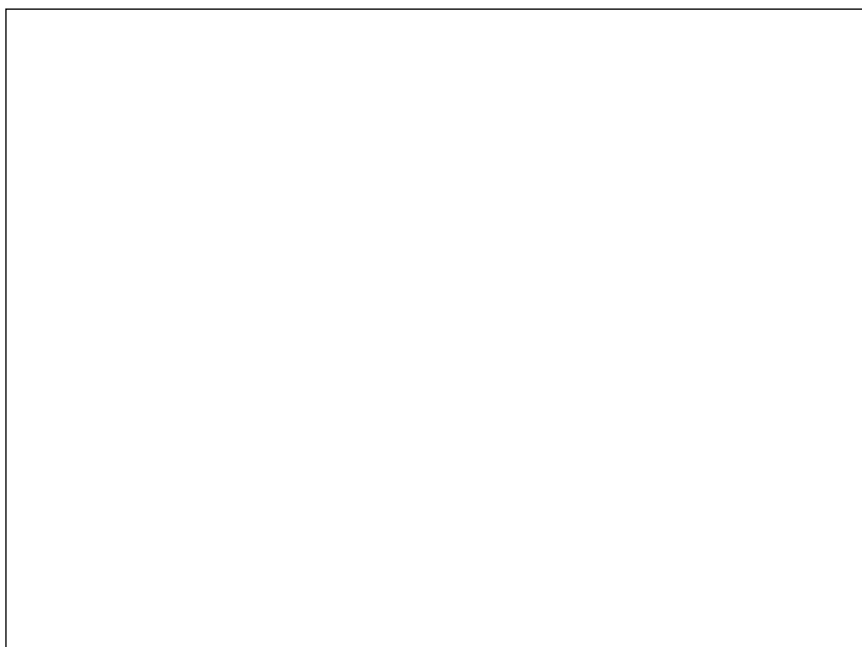
Curation

- Curation as thought leadership
- Additional resources around your specialist subject area for students to use
- Fast and easy to do
- Increase your mana and develop your own personal 'brand'/web footprint

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The screenshot shows the Scoop.it! homepage. On the left, there's a grid of article cards with titles like 'Tools for Learners', 'Country Guides to Culture, Etiquette, Customs & more!', 'Synonyms | Synonym Finder.com', 'Digital Tatties', and 'Free Screen Sharing and Online Meetings'. On the right, there's a section titled 'Easily Publish Gorgeous Magazines' with the text 'Leverage Curation to increase your visibility. Give persistence to your social media presence.' Below this are social media icons for Facebook, Twitter, LinkedIn, Google+, Tumblr, and WordPress. A 'Sign Up for Free' button is also present. At the bottom right, there's a video player showing a Scoop.it! interface.

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Let's Scoop!

Please remember, you are the quality control!

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Think - Pair - Share

From what you have seen today, what tool could you use and how would you use it for your students learning?

00:07:03

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