



CENTRE FOR

bioscience



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**e-Learning update**  
**ALT-C conference 2008**



- Keynotes
  - Hans Rosling and [Gapminder](#).
    - Free the stats!
  - Itiel Dror and cognitive overload.
    - KISS! ‘Cartoon solutions’ and teach the habit
  - David Carvallo and the OLPC project
    - Using a laptop in situ to engage the learner and teach differently



## ALT-C roundup

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*“People who lecture are more scared to fail than eager to succeed”*



- Sessions
  - Gaming for learning – pedagogical attributes
    - Puzzle it out, or wander through Second Life
  - Use of IMS Learning Design – tool development
    - Visual construction of a course using a methodology
  - Formatting complex expressions for online delivery
    - Using web app to create complex expressions for use in a Web or Wiki



# ALT-C roundup

## VLE security and the trojan cookie exploit

If exploited, could be serious. OS community working on a fix

The screenshot shows a Windows Internet Explorer browser window with the address bar containing the URL <http://altc-demo.jonmaber.co.uk/obscure/trojanhorse.html>. The page title is "The Trojan Horse". The main content of the page is as follows:

### A Demonstration Trojan Learning Object

**Dangerous Version - Not For Redistribution**  
**DO NOT COPY THIS PAGE AND UPLOAD IT TO A WEB SITE**

Please read the notes at the bottom of the page.

#### The Trojan Horse

Here are some of the Greeks who entered Troy hidden inside the wooden horse. Click on each name to see a brief biography.

<a href="#">Odysseus</a>	<a href="#">Achilles</a>
<a href="#">Menelaus</a>	<a href="#">Acamas</a>

This page was created for a demonstration by Prof. Andrew Booth and Jon Maber at the 2008 ALT-C. It represents a Trojan Horse learning object. When accessed on the original web site this page represents no security threat to anyone who accesses it. However if it is downloaded and then uploaded to another web site it represents a serious security risk. Shortly after the demonstration is made this page and in fact, the whole web site will be removed.

Please note that this page only demonstrates the first stage of an XSS cookie theft attack. A complete hack involves knowing what to do with the cookies that have been stolen - this will not be explained by the presenters here or anywhere else.

The animated effects on this page were implemented with JavaScript taken from the XtractPro web site. The original copyright and conditions for use are given below. The simulated Trojan Horse functionality was added to the JavaScript by Jon Maber based on example scripting from [Pro Checkup Ltd.](#)

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<http://www.xtractpro.com>, [support@xtractpro.com](mailto:support@xtractpro.com)

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Any use of this free open source code is at your own risk.

You are hereby granted the right to use it and change it, provided that you acknowledge XtractPro somewhere in your source files, documentation, web site and application.



## ALT-C Roundup

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- Learning Objects Prize
  - Diabetes simulation for type 1 – Keep Kate alive!
  - Inside the Sun
  - [Using a Microscope](#)
  - Developing Reflective Writing Skills (arts +)
  - Perception, Mindsets and Creativity (employability.org)  
72hrs material
- Collaboration, commerce and standard tools – less bespoke coding used. £21k/hr taught.
- ESL students value online resources higher
- Project XERTE for accessible Learning Object production. Content agnostic and transferable.



# Mobile technologies in ALT-C and ALPS

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- SMS JISC Project (Melas)
  - Take-up good (10k messages) but interest soon fell
  - Cost concerns
  - Context confusion
  - Works as an additional support system
- ALPS CETL
  - Mobile assessment with push technologies. Multi-media collections as a package
  - Works with convergent technologies
- Horizon
  - [2D codes](#)
  - Broadband contracts & video





## ALT-C roundup

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- Web applications (no install) are growing
- Using social networks and applications beyond the University's provision
  - Exposing the myth of unreliability and insecurity of 3<sup>rd</sup> party providers
- Be aware of the conventional use and expectations of the various online spaces
- The “era of the user” has started. Tools & knowledge openly available without having to attend HE
- ALT-C “lacks discipline”





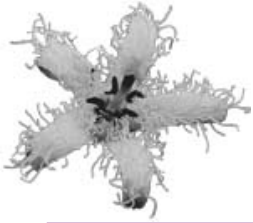
## Keep in touch

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- Take newsfeeds
- Blog teaching experiences or join a social network
- Share bookmarks using [del.icio.us](http://del.icio.us), tag for us



- Blogs ([Institution](#) or [Net](#))
  - Microblogging – [Twitter](#) and [Twhirl](#)
- [Google reader](#) to digest RSS feeds
- New resource database “[AIRDIP](#)”
- **Social bookmarking** – [Delicious et al](#)
  - [Tagging strategies](#)
- Social networks – [heabio](#) ‘Ning’ site
- Be aware of the growth of online apps – e.g. [Mindmeister](#), [Slideshare](#), [SlideRocket](#)
- Video communications – [Seesmic](#), [Qik](#)



## Survey outcomes

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- TIME!
- Accreditation / value
- Support
- Finding resources
- Developing the right skills
- Sustainability of platform, technology, knowledge & content





## Some findings

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- Build on existing resources
- Align practice outwards
- Listen to what students like & use
- ‘Design out’ problems
- Manage expectations
- Allow lots of time – it’s still never enough
- Don’t panic
- Don’t be too ambitious – small steps (US = LTA)
- Plan your experts into the design process
- Keep it simple
- **Share** / Publish experience

# Education Hype-Cycle (Gartner) 07

