

## What academics want

- To be read
- To be visible
- To be cited
- To make a difference
- To contribute to a body of knowledge
- To influence
- To communicate with others
- To matter

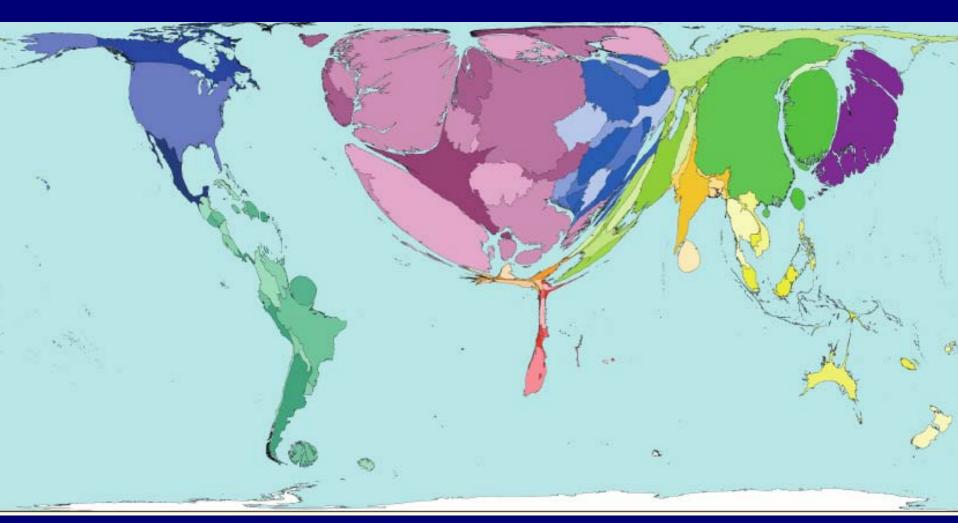


### And academics in developing countries

want to be producers of knowledge not simply consumers of knowledge

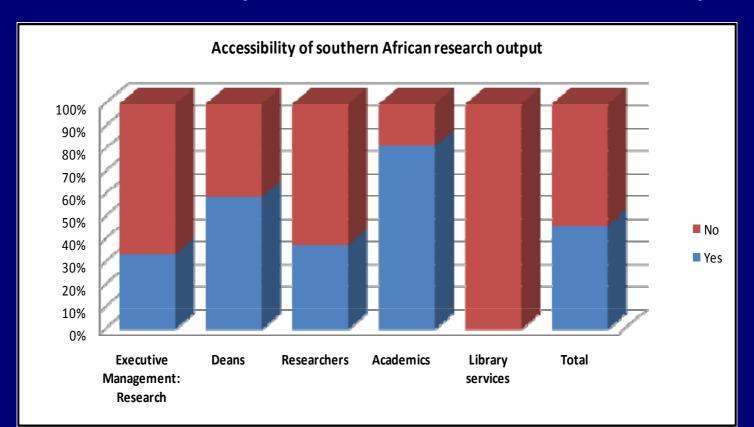


## Books produced



## 2008 Africa study

- A recent study "Opening Access to Knowledge in Southern African Universities" found
  - 54% state that research from the Southern African region is not available
  - Of those who say it is available, 90% indicate that it is not readily accessible





### Constraints to date

- The dissemination of academics' knowledge is out of their hands
- Only certain kinds of knowledge and knowledge sharing is validated
- It has been difficult until quite recently to take control of the knowledge sharing process
- The full potential has not fully been recognised
- Universities have generally not taken the issue on systemically

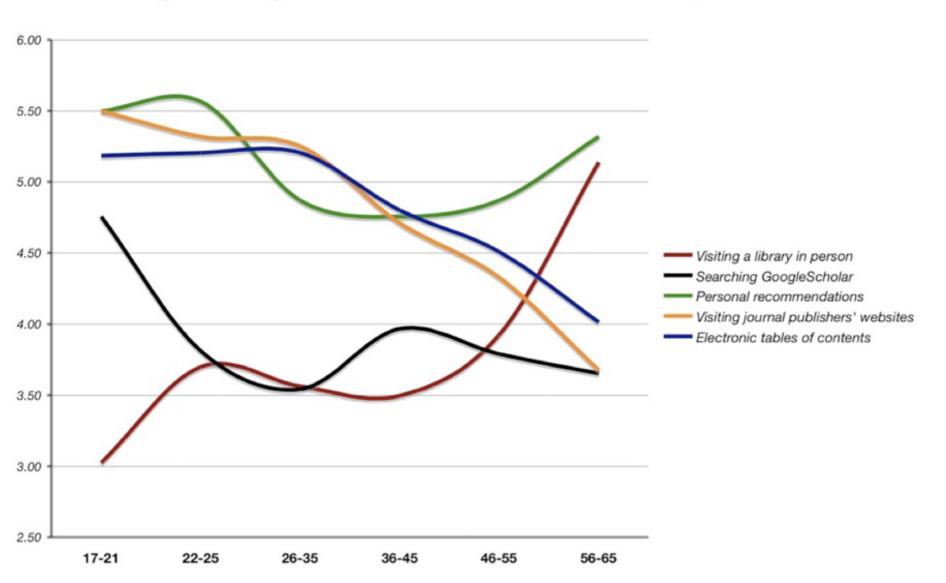


## Some current trends

## Everything must be electronic

 Content may still be used in different formats (many scholars find articles online and then print them locally) and on different devices (iPods, handheld readers, mobiles), but increasingly it must be at least discoverable online to reach readers.

#### Significant age-related differences in article discovery methods



## New models of dissemination

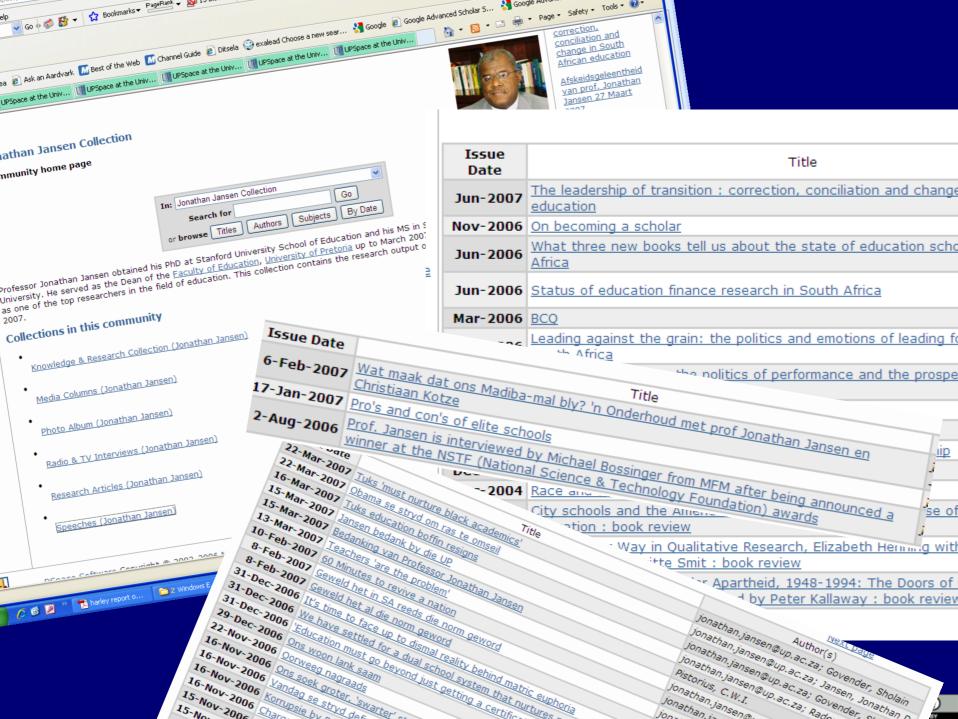
- Traditional publishing, communication and dissemination models being challenged and supplemented
- A continuum of dissemination models envisaged and supported
  - From subscription-based to self publishing
- Universities are increasingly getting directly involved
  - developing broad strategies moving beyond presses & journal lists



# Blurring of boundaries between formal & informal communication

- Formal scholarly communication- selection, editing, printing and distribution of author content by an intermediary (preferably one with some name recognition)
- Informal communication enabled by ICTssharing of working papers, reports etc
- Blurred spaces in between
- Repositories show all output



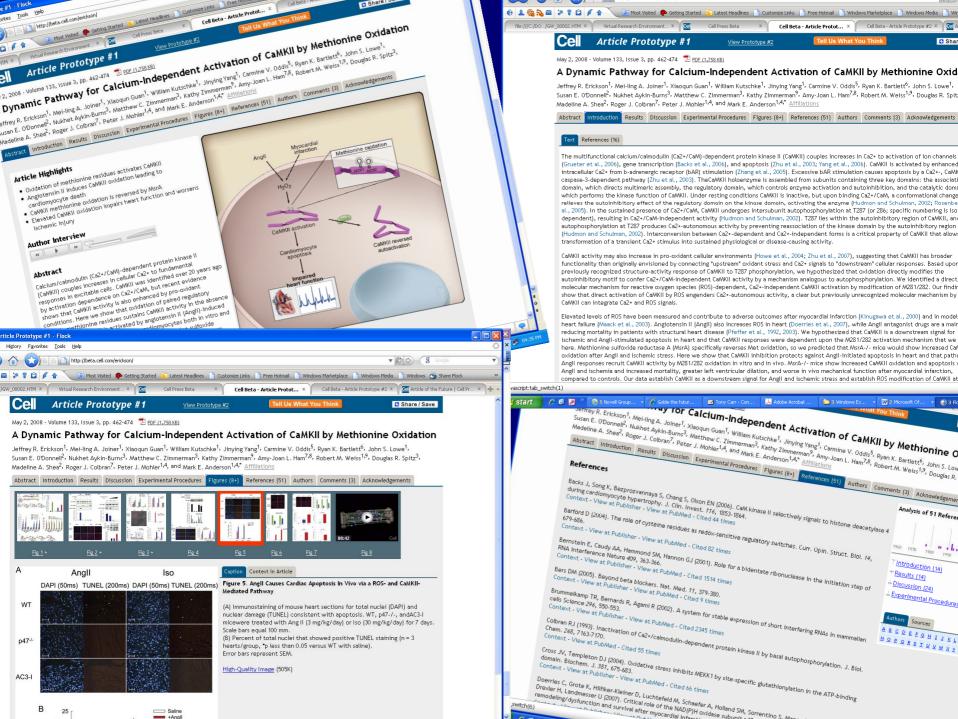


### New content forms

- Multimedia & multi-format delivery increasingly important
  - Audio, video and images increasingly part of datasets and output
  - Will be relevant when SA has more bandwidth
  - Infrastructure should support multimedia

# Prototype of new scholarly article <a href="http://beta.cell.com/">http://beta.cell.com/</a>

Cell Press and Elsevier have launched a project called Article of the Future that is an ongoing collaboration with the scientific community to redefine how the scientific article is presented online. The project's goal is to take full advantage of online capabilities, allowing readers individualized entry points and routes through the content, while using the latest advances in visualization techniques. We have developed prototypes for two articles from Cell to demonstrate initial concepts and get feedback from the scientific community.



# New forms of scholarly communication & resources

- Study of "original and scholarly works," those resources containing born-digital content by and for a scholarly audience"
  - E-only journals (numerous, all disciplines)
  - Reviews (several humanities egs)
  - Preprints and working papers (all disciplines)
  - Encyclopaedias, dictionaries, and annotated & content
  - Data (sciences)
  - Blogs & wikis (controlled informal communication)
  - Discussion forums (archived discussions)
  - Professional and scholarly hubs (digital portals)



## Some examples



about a.u.p. f.a.q. index 🔊 🖪 🖬 home





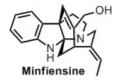




Search the archive..



[6 Sep 2009 | 27 Comments | 2,777 views]



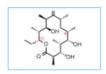
MacMillan, Jones, Simmons. JACS, 2009, ASAP. DOI: 10.1021/ja9052366.

Now this is a popular target; I've covered syntheses by both Qin and Overman (with a related synthesis of vincorine by Qin too), both of which contain some really nice chemistry, and aren't exactly lengthy. However, this approach by MacMillan is incredibly concise, containing only nine steps, and starting with a commercially available indole. To get to the key cyclisation precursor, a process of carbonylating the C-2 position by lithiation and addition of DMF, followed by a Horner-Wadsworth-Emmons olefination ...

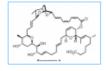
Read the full story »



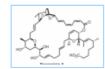
#### still in the r.b.f.



6-deoxyerythronolide B [30 Aug 2009 | 40 Comments | 4,243



Sorangicin A - pt. 2 [25 Aug 2009 | 7 Comments | 2,486 views]



Sorangicin A - pt. 1 [23 Aug 2009 | 5 Comments | 2,624 views]

#### browse categories

still in the rbf

editorial My personal ramblings, varying chemistry world

Articles published in my column in

methods

Links to some methodology I've

meta

Stuff to do with this website, or









Brand, spanking new natural









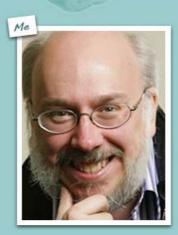






## Aca-Fan

#### The Official Weblog of Henry Jenkins



Add Me

🖸 BOOKMARK 📲 🏘 🜠 🦲

🖸 SUBSCRIBE 📵 🏋 🧗 ...

My Recent Books



Convergence Culture

**Buy at Amazon** (hardcover)

**Buy at Amazon** (paperback)

**Buy at Amazon** 

(Kindle) Russ at Downlie Latest Posts

Archive5

About Me

Links

Search

« District 9 (Part One): Can a Bench Be a Transmedia Extension?

Main

From Cinema to Games: Some Fascinating Data »

AUGUST 28, 2009

#### District 9 (Part Two): Out of Afrofuturism?

Last time, I focused on District 9 as adopting and expanding some core strategies of transmedia branding, linking it to True Blood, Cloverfield, and the granddaddy of them all, The Blair Witch Project. I should note that about the same time that post went live, friend and Convergence Culture Consortium consultant Grant McCracken posted an interesting provocation about what's behind the success of this season of True Blood.

I also should point you to the early "Save the Date" Announcement for this year's Futures of Entertainment conference which went live yesterday: an entire day of the event will be focused around issues of transmedia entertainment. This is an event you will not want to miss.

Today, I am coming at District 9 from a somewhat different angle, suggesting that it might best be understood as borrowing from and contributing to a larger tradition of Afrofuturist science fiction. You could understand the last installment without confronting any spoilers. This time I need to deal with the larger story structure of the film so there are spoilers galore. So read at your own risk if you have not seen District 9.

Over the past decade or so, there has been an emerging body of criticism and theory around the concept of "Afrofuturism." For a good introduction to this concept, check out the Afrofuturism website or watch John Akomfrah's 1996 documentary, Last Angel of History, which traces the emergence of Afrofuturist concepts through science fiction and popular music of a much earlier vintage. For other good discussions of Afrofuturism, check out the special issue of Social Text which Alondra Nelson edited in 2001. Here's a decent short definition of Afrofuturism, taken from the Afrofuturism home page:

Once upon a time, in the not so distant past, music writers and cultural critics like Mark Dery, Greg Tate, Mark Sinker and Tricia Rose brought science fiction themes in























Hoffmann, R. A wiki for the life sciences where authorship matters. Nature Genetics (2008)

[Sign in / Create account]

Tutorial Contact us Send to a friend ⅓⊠ Share ③



**Increase the impact and visibility of your work...** while at the same time contributing to a structured knowledge base, which everyone can benefit from.

All you need is something to say and an open mind for the future of scientific communication.

Click here to create your free author account.

Log in dire	ctly:		
Email:			
Password:			
Remember password. Select this option only if rother person is using your computer (or user-account			
	[Log in]		
Or log in v	ia:		
faceboo	Google YAHOO! OpenID [Other]		

Click here if you forgot your password.



Authors









**OpenWetWare** Share your science.

#### navigation

- Main Page
- Recent changes
- ? Help
- Contact OWW
- Add a Lab Notebook

#### research



Protocols

Resources

#### search

Search Go

#### toolbox

- What links here
- A Related changes
- Upload file
- Special pages
  - Printable version
- Permanent link
- Cite this page
- Subscribe to Categories



OpenWetWare is an effort to promote the sharing of information, know-how, and wisdom among researchers and groups who are working in biology & biological engineering. Learn more about us.

If you would like edit access, would be interested in helping out, or want your lab website hosted on OpenWetWare, please join us.



talk

page

view source

Labs & Groups From around the world



history

Courses Host & view classes



Protocols Share techniques & more



Blogs

Read OWW blogs

#### Welcome 2009 **iGEM**





Create or view entries with a click Local search Search within your lab notebook

Improved navigation Jump between entries with ease

#### Welcome new OWW users!

Guilherme Schuhli • Igor Ruza • Jacqueline

Nkuebe • Kristen L. Lee • Nariman Yousefi • Filip

Zembowicz • Steven L Jacques • Daniel M

Jordan • Alexander J. Ratner • Hossein Azari

Soufiani • Brett Thomas • Anna Turetsky • Ridhi

Tariyal • Alex Lupsasca • Benjamin Leibowicz • B.

Allen Smith . Kelly Brock . Stefan Tintea . Michael Henninger • Liwei. Fish

See all new users.

#### OWW Community Blog



#### Referencing a DOI Within OpenWetWare

To lookup an article using a document object identifier, there's a cheap and cheerful way to do it based upon the work we did earlier to add access to pubget.

#### OpenWetWare: Where DOI Begin(s)?

MediaWiki is the software that OpenWetWare, org is built on. We customize it by applying out own styling to the page, add out own member management software to it, and either write our own extensions to it or download and install others.

#### Reading Articles Referenced Within OpenWetWare

To paraphrase Sigmund Freud,

"Sometimes a reference is just a reference. "

But not all the time. By the time we're reading an OpenWetWare (OWW) page and notice a reference to a published paper, we've come to the page through a search engine



Done

🎒 start



























Internet

# Scholars will rely on integrated electronic environments

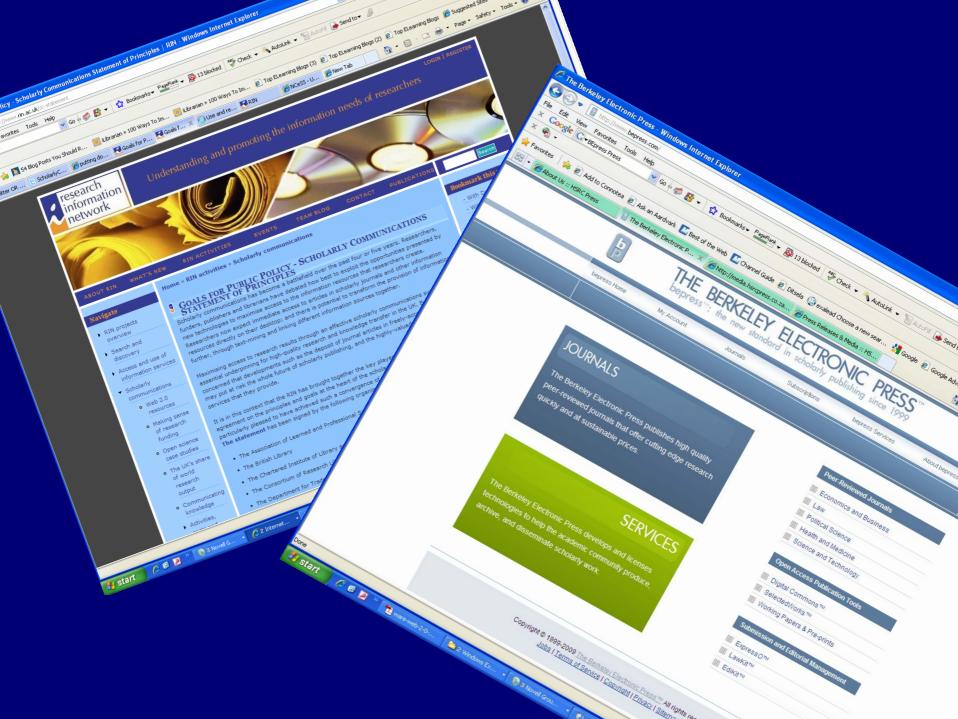
- Layered, interlinked platforms containing a wide variety of content – from fee-based to free – including:
  - traditional peer-reviewed published material (monographs, journals, reference works)
  - multimedia projects
  - raw primary source material (data sets, gray literature)
  - primary source material designed with the interpretative and conceptual insights of scholars
  - conference proceedings and other non-peer-reviewed output from universities
  - pre-print workspaces that allow scholars to collaborate in advance of publication (working paper repositories)
  - post-print conversation spaces that encourage scholarly communication (message boards, author sites, newsletters, blogs)
  - dissertation repositories
  - subject matter repositories



## Some observations

- Examples in all disciplines
- Scholarly traditions such peer-review, citation metrics etc remain essential
- Often niche audiences, but not marginal
- Innovation and blurring re resource types
- Importance of hyperlinks and tags
- Sharing scholarly work at multiple stages of development is universal. Most scholars are inherently "social" (Harley 2008)
- Universities taking control





## The bottom line

If it is not online it does not exist

## and

- Change of mindset
- If you don't tell people they don't know
- No false modesty
- It is not crass marketing
- Not just the output that is online it is also the scholarly community- are you?



# What is possible: less effort

- A website with a list of all output
- Copies on personal web sites and appropriate repositories off all output from journals listed on sherpa romeo website
- Copies of penultimate versions

ıks	Home » Research	
iks	Research Outputs	
cational	2009   2008   2007   2006   2005   2004   2003   2002   OpeningScholarship Outputs	
	2009	
ne	Book Chapters	
arning	Czerniewicz, L, and Brown, C. (2009). A Virtual Wheel of Fortune? Enablers and Constraints. In "Bridging the knowledg technology for development" (Eds) S. Marshall And W. Kinuthia. Information Age Publishing.	
cholarship	Czerniewicz, L. & Brown, C. (in press). Intermediaries and infrastructure as agents: the mediation of elearning policy and culture. In T. Mayes, D. Morrison, H. Mellar, P. Bullen & M. Oliver: Transforming higher education through technology-enhan	
Jse Project	Journal articles	
	Czerniewicz , L 2008, Distinguishing the Field of Educational Technology inWilliams, S & Czerniewicz, (Eds) <i>Electronic Journ</i> 6 Issue 3, pp171-178, October 2008	
	Czerniewicz, L, and Brown, C. (2009) A study of the relationship between institutional policy, organisational culture and a South African universities. Computers and Education. 53 (1) p121-131	
	Czerniewicz, L., Williams, K., and Brown, C. (2009) Students make a plan: understanding student agency in constraining Research in Learning Technology. Issue 17 (2)	
	Hodgkinson-Williams, CA and Czerniewicz, L (in press). Educational technologists in Higher Education Institutions in Sou beyond random acts of progress. Education as Change.	
	Hodgkinson-Williams, CA and Gray, E (in press) Degrees of Openness: The emergence of Open Educational Resources at Town. International Journal of Education and Development using Information and Communication Technology	
	Louw, J, Brown, C, Muller, J, and Soudien, C (2009) Instructional technologies in social science instruction in South Afric Education.53 (2) p234-242	
	Ng'ambi, D. and Brown, I. 2009. Intended and Unintended Consequences of Student Use of an Online Questioning Environe Educational Technology, 40(2). Pp. 316-328	
	Ng'ambi, D. and Goodman, S. 2009. Bridging distance between actual and potential development: A case of using ICT me tool, Education and Information Technologies Journal. Springer: Netherlands	
	Conference proceedings	
	Brown, C. & Czerniewicz, L. (2009). Making sense of Gender and ICTs in Education: Theoretical Explanations for complex the 4th International Conference on e-Learning (ICEL) 16-17 July 2009. Toronto, Canada	
	Conference presentations	
	Czerniewicz, I. (2009). Digital inclusion and exclusion: towards elearning for all, CPUT, Elearning Update 3 September 2009	

Teaching

Help

Search

Site map

centre for educational technology

Resources

Projects

Collaborate

Research

Home

About



Contents lists available at ScienceDirect

#### Computers & Education

journal homepage: www.elsevier.com/locate/compedu



A study of the relationship between institutional policy, organisational culture and e-learning use in four South African universities

Laura Czerniewicz\*, Cheryl Brown

Centre for Educational Technology, University of Cape Town, Private Rag, Rondebosch, 7700, Cape Town, South Africa

ARTICLE INFO

2 4 9

11

16

Article history:

10 Received 1 October 2008

Received in revised form 18 December 2008

12 Accepted 12 January 2009 13

Available online xxxx

14 Kevwords:

15 Policy

Organisational culture

17 E-learning

18 Use

19 Higher education

20 Change

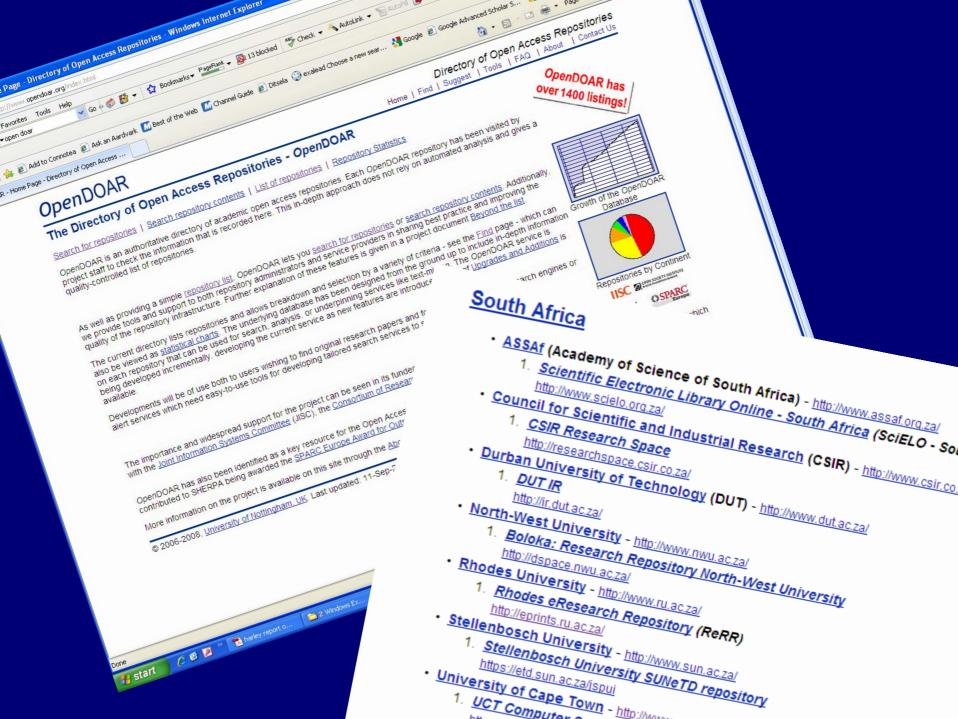
21 Innovation

22 South Africa 23

#### ABSTRACT

This article investigates the relationship between policy (conceptualised as goals, values and resources), organisational culture and e-learning use. Through both qualitative and quantitative research methods, we gathered data about staff and student perspectives from four diverse South African universities representing a selection of ICT in education policy types (Structured and Unstructured) and organisational cultural types of "collegium, bureaucracy, corporate and enterprise" (McNay, 1995). While our findings show a clear relationship between policy and use of ICTs for teaching and learning, organisational culture is found crucial to policy mediation and the way that e-learning use is embedded within the organisation. We conclude that although a Structured Corporate institutional type enables the attainment of a "critical mass" within e-learning, Unstructured Collegium institutions are better at fostering innovation. Unstructured Bureaucratic institutions are the least enabling of either top down or bottom up e-learning change.

© 2009 Published by Elsevier Ltd.





#### Publisher copyright

Use this site to find a summary of permissions that are normally given as part of each publisher's copyright transfer agreement.

#### Search

earch	<ul><li>● Journal titles ○ Publisher names</li></ul>	
for		search
find	○ contains or ⊙ starts with	or ○ Exact phrase only ○ ISSN

#### **Browse**

- · All publishers
- · Green publishers
- Blue publishers
- · Yellow publishers
- White publishers

What the colours mean.

#### Special RoMEO Pages

- · Publishers Allowing use of their PDFs in Repositories
- · Publishers with Paid Options for Open Access
- · Selected research funders' grant expenditure
- ROMEO Statistics. Proportion of RoMEO colours for listed publishers. Growth of the database.
- Prototype API documentation. This is available for m2m access: for example to be integrated into a repository's deposit process.

#### **RoMEO News**

- · Latest Updates to RoMEO
- RoMEO Upgrade available for testing
- · RoMEO reaches 600 publishers 27-
- JULIET: <u>Selected research funders' of</u>
  Publishers Allowing use of their F
  - Press Release 27-Aug-2008
    - List of Publishers

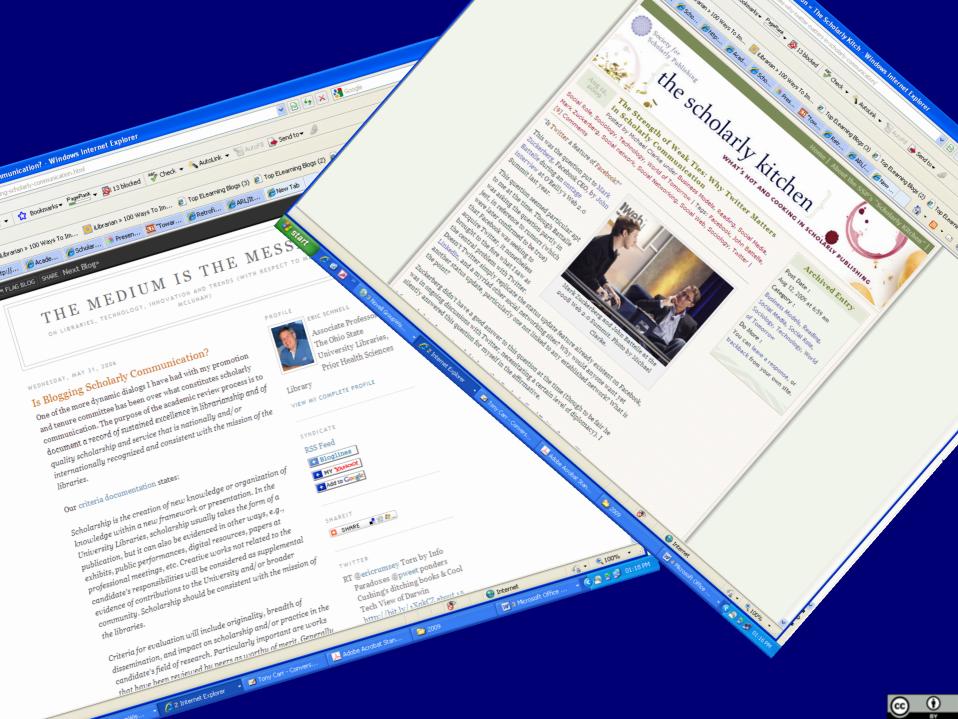
#### **Recently Added Publishers**

- EPI SCP 28-Aug-2009
- · Jules Verne Forum 25-Aug-2009
- · Chinese Journal of Lung Cancer 24
- Clifford Beers Foundation 28-Jul-20
- Early Modern Literary Studies 20-Ju

# What is possible: more effort

- Develop an online presence
- Become part of online communities
- Use social software







lome

leports Biography

Contact

he Executive

oetry Slam

Innual Lecture

Vords, Pictures & More

500 Practical Ideas: Winners

ice-Chancellor's Inaugural

Macquarie Home | Course Handbook | Library | Campus Map | Macquarie

SEARCH

Student Portal | Staff | Online Units 🗗 | E-Student 🗗

Google™ Custom Search

#### Vice-Chancellor's Office

You are here: Macquarie Home » Vice-Chancellor's Office » Vice-Chancellor's Blog

#### Re-moralising higher education

Written by Steven Schwartz on August 27th, 2009

A spirited panel discussion took place following my annual lecture at Macquarie University this week calling for the re-moralisation of higher education, Moderated by the author and journalist Jeff McMullen, the panel also featured media commentator Miranda Devine, historian and former vice-chancellor, Emeritus Professor Deryck Schreuder, and the Headmaster of The King's School, Dr Tim Hawkes.

Each gave a different perspective on my argument that education should be a moral enterprise.

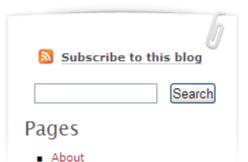
You can read the speech - Re-moralising the University - in full here.

I argue that from its earliest classical origins, education's real purpose was to build "character" so graduates could take up their role in their society and contribute to the good of everyone.

But parents have told me, for example, that higher education should be about career preparation. Some people have challenged the whole idea of character building.

Let me know what you think.

NEW: Here's a post commenting on my lecture from Stephen Romei in his Pair of Ragged Claws blog in the Australian Literary Review. He praises Macquarie's new curriculum, and savs "there is no doubt society could do with an ethical overhaul,



#### Categories

- Advanced Medicine (1)
- assessment (1)
- Barack Obama (2)
- Belief (1)
- Blogs (2)
- Books (3)
- Building (1)
- bushfires (1)
- campus life (5) Capitalism (2)
  - cricket (1)
  - Debate (5)
  - Degrees (3)
  - Democracy (5) Economy (15)
  - email (2)



## What is to be done?

- Lobby to change and expand the system
- Get informed
- Get involved with the open access debates
- Take control
- Exploit the many opportunities to share the knowledge that is produced



### The last word

## From the heart of the academic world

The HSRC Press distributes books in 11 countries but has online readers in 184 countries.

Online titles are visited 22.5 times more than copies bought



## Thank you

Laura Czerniewicz

Laura.czerniewicz@uct.ac.za

CET: www.cet.uct.ac.za

Blog: blogs.uct.ac.za/blog/laura-cet

Twitter:czernie



## References

- Maron, N; and Smith, K *Current models of digital scholarly communication* (2008), Association of Research Libraries
- Grey, E; Hodgkinson-Willimas C & Wilmers, M (2009) Opening Scholarship, Centre for Educational Technology, UCT, <a href="http://www.cet.uct.ac.za/OpeningScholarship">http://www.cet.uct.ac.za/OpeningScholarship</a>
- Abrahams, L; Burke, M; Gray, E; Rens, A, (2008) Opening Access to Knowledge in Southern African Universities SARUA
- Brown, L; Griffiths, R; & Rascoff, M (2007). University Publishing in a Digital Age Ithaka
- Gevers W and Mati X (eds) /(2006) Report on a strategic approach to research publishing in South Africa. Pretoria: Academy of Science of South Africa
- Ware, M (2009) Web 2.0 and Scholarly Communication, <u>www.markwareconsulting.com</u>
- Harley, D (2008) et al Assessing the Future Landscape of Scholarly Communication: An In-depth Study of Faculty Needs and Ways of Meeting Them, University of California, Berkeley, http://cshe.berkeley.edu/research/scholarlycommunication/

