

Development and Implementation of an e-Information Strategy for an academic library



Dr Heila Pienaar
Deputy Director
e-Information Strategy &
e-Research Enablement
Library Services
University of Pretoria

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Introduction

- **Variables** that influence the role of academic libraries
- **Why** an e-Information strategy
- Phases of development
 - e-Information strategy **business plan**
 - **e-Information strategy: 2006-2007**
 - **Integration** with the **library's** and **university's** strategic plan
 - The library's strategic plan **2007-2010**
 - The Library's e-Information Strategy **2008-** & examples of the e-Strategy's **successes**

Variables that influence the role of academic libraries

- Impact of the Web and **Search** engines
- Global library **digitisation** projects e.g. Google, European Union
- Impact of **e-Research**
- Needs of **Net Generation** students
- Possibilities created by Web / **Library 2.0** to develop a modern academic library

Impact of the Web and Search engines

- Traditional purpose of academic libraries is to provide access to trustworthy, authoritative knowledge
- Information-seeking and behaviour are changing drastically > Web / Net
- In Dec 2004 Google started to digitize 4 big libraries' holdings (“tipping point”)
- **With everything on the Net – what is left for academic libraries?**
- **Possibilities**: providing learning spaces; creating metadata; virtual reference; info literacy; managing licenses; digitizing, digital repositories ...
(<http://www.educause.edu/apps/er/erm06/erm0610.asp>)

benefit

years to mainstream adoption

	less than 2 years	2 to 5 years	5 to 10 years	more than 10 years
transformational	Internet2/Next Generation Internet Personally Owned Devices With Campus Network Access	IP Video for E-Learning	E-Learning Repositories	Global Library Digitalization Projects
high	802.11x on Campus Course Management Systems Higher Education Enterprise Portals Web Services for Administrative Applications	CRM for Enrollment Management ID and Access Management Learning Content Management Next-Generation Library Management Systems Open-Source E-Learning Applications		
moderate		E-Portfolios Podcasting Learning Content RFID Library Materials Management	CobiT ITIL	
low				

As of June 2006

Impact of e-Research

- “...to describe large-scale, distributed, collaborative science enabled by the Internet and related technologies”
- “a collection of distributed computing resources (data repositories, specialized scientific equipment, computing power, knowledge services) that appears to users as one virtual system”

<http://www.educause.edu/apps/er/erm05/erm0563.asp>

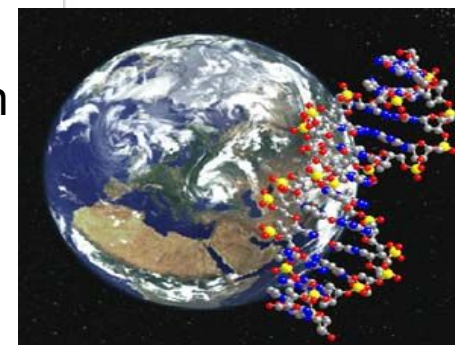
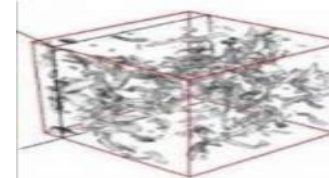
Enable e-Research

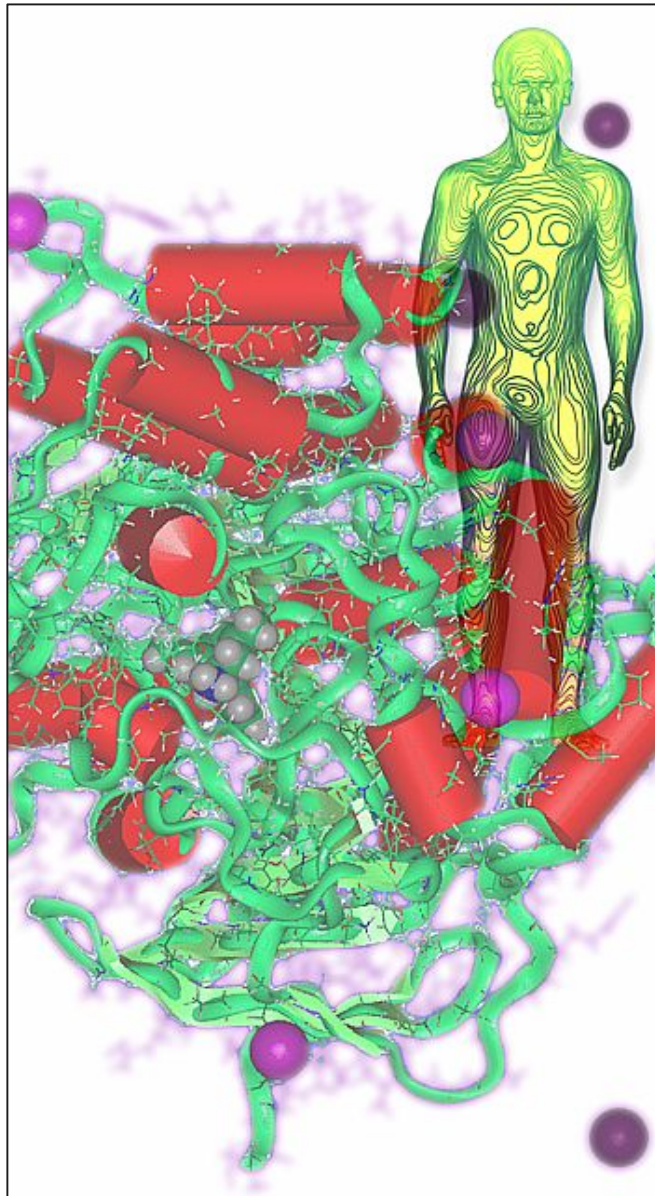
A New Science / Research Paradigm

- **Thousand years ago:**
Experimental Science
 - description of natural phenomena
- **Last few hundred years:**
Theoretical Science
 - Newton's Laws, Maxwell's Equations ...
- **Last few decades:**
Computational Science
 - simulation of complex phenomena
- **Today:**
e-Science or Data-centric Science
 - unify theory, experiment, and simulation
 - using data exploration and data mining
 - Data captured by instruments
 - Data generated by simulations
 - Data generated by sensor networks
 - Scientist analyzes databases/files

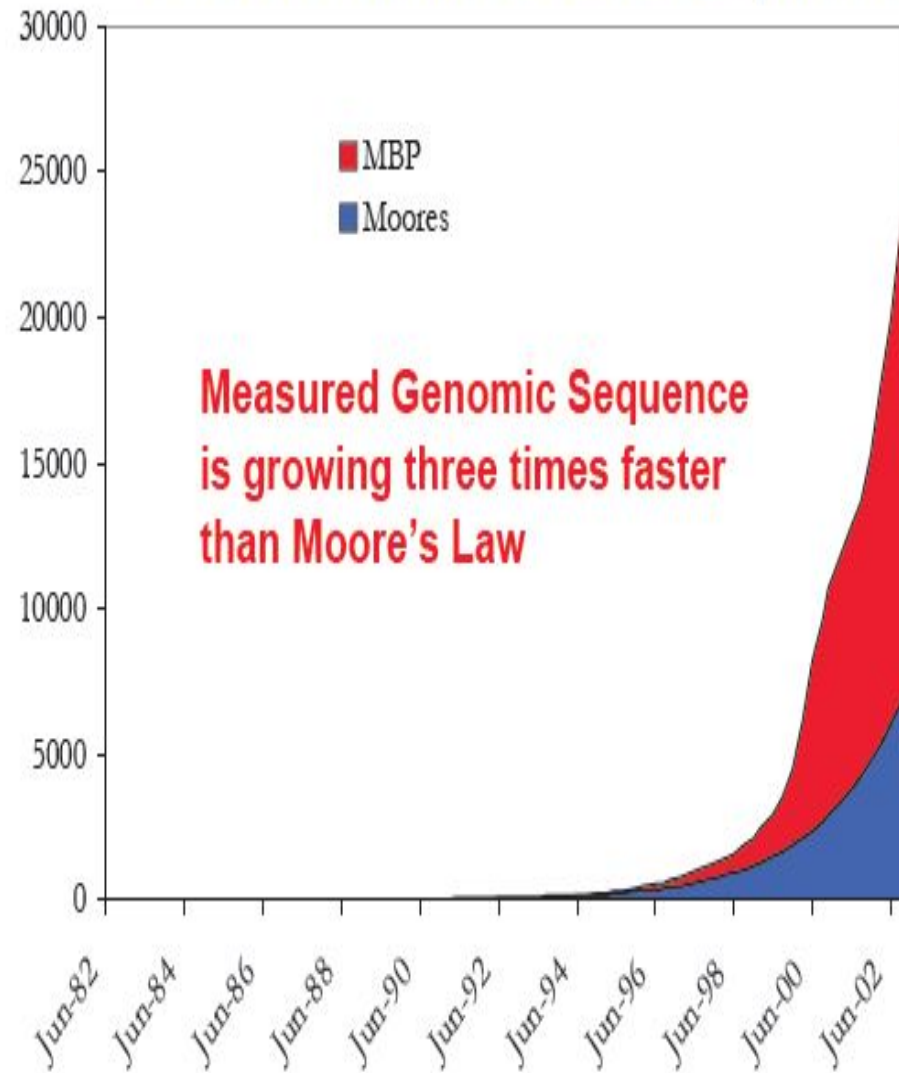


$$\left(\frac{\dot{a}}{a}\right)^2 = \frac{4\pi G\rho}{3} - K\frac{c^2}{a^2}$$





The Genomic Data Explosion



Courtesy:
Graham Cameron



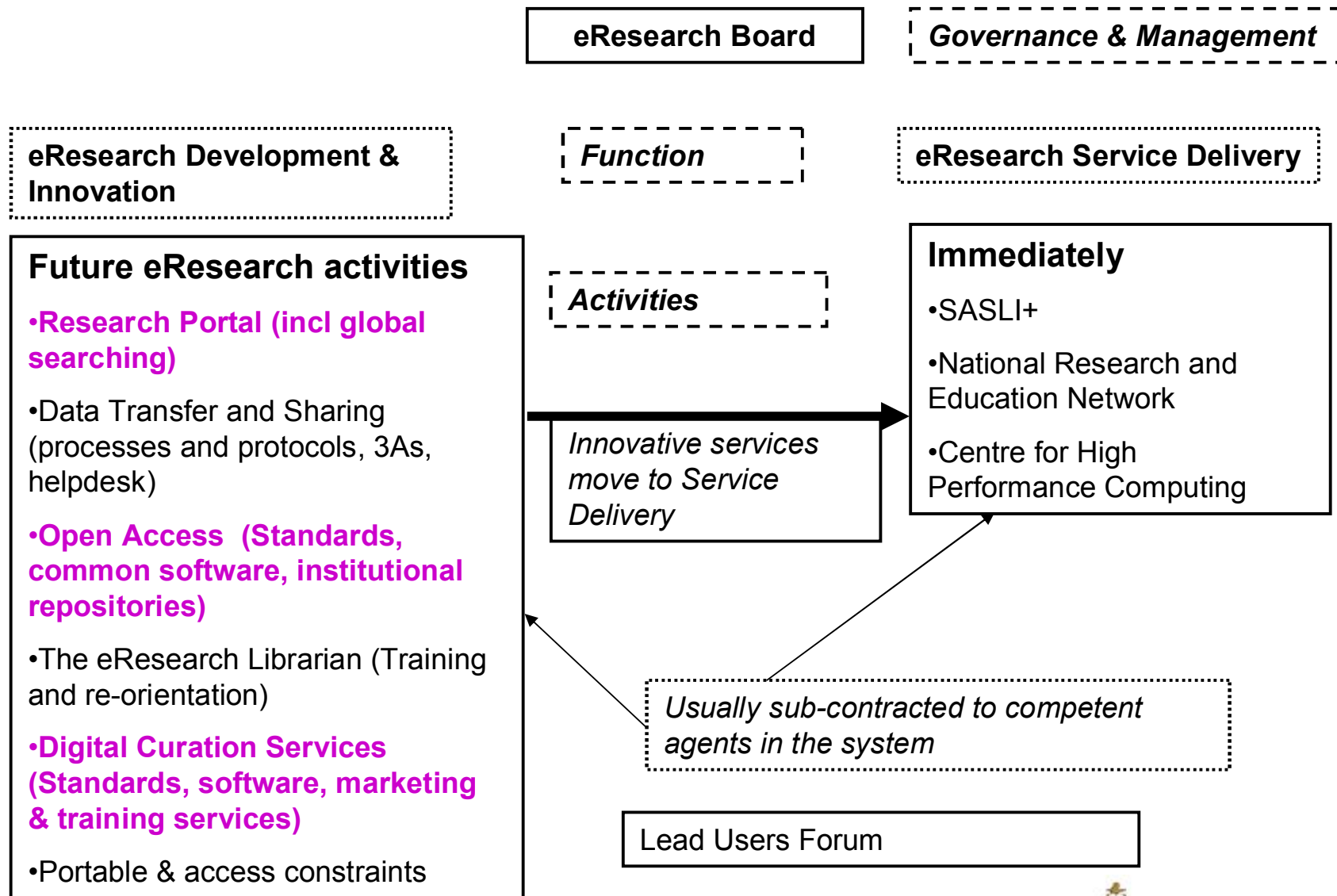
Chris Jones
Sciences on the GRID

© 2006 Hans Hoffmann

Role of university libraries in e-Research

- In the South African context the implication of e-research for information support has been investigated at a high level
- The result is the **SARIS** (SA research information service) report (<http://www.sajim.co.za>)
- The proposed **e-Research support service** is important to university libraries, as they can implement many of the initiatives

eResearch Support Service for SA



Information needs of Net Gen students

- Technology has led to more modernisation than transformation of the library, resulting in some major disconnects between many of today's academic libraries and Net Gen students
- The most common disconnect between many of today's academic libraries and Net Gen students is students' dependence on **Google** or similar search engines for discovery of information resources rather than consultation of library Web pages, catalogs, and databases as the main source of access

(<http://www.educause.edu/apps/er/erm05/erm0523.asp>)

Possibilities created by Web / Library 2.0 to develop a modern academic library

The screenshot shows a Microsoft Internet Explorer browser window with the title "Web 2.0 - Wikipedia, the free encyclopedia". The address bar shows the URL "http://en.wikipedia.org/wiki/Web_2.0". The page content includes the Wikipedia logo, a navigation menu, a search box, and the main article text. A donation banner for the Wikimedia Foundation is visible at the top of the article content, showing a progress bar for \$876,546.09. The article text defines "Web 2.0" as a phrase coined by O'Reilly Media in 2004, referring to a perceived or proposed second generation of Internet-based services.

Web 2.0

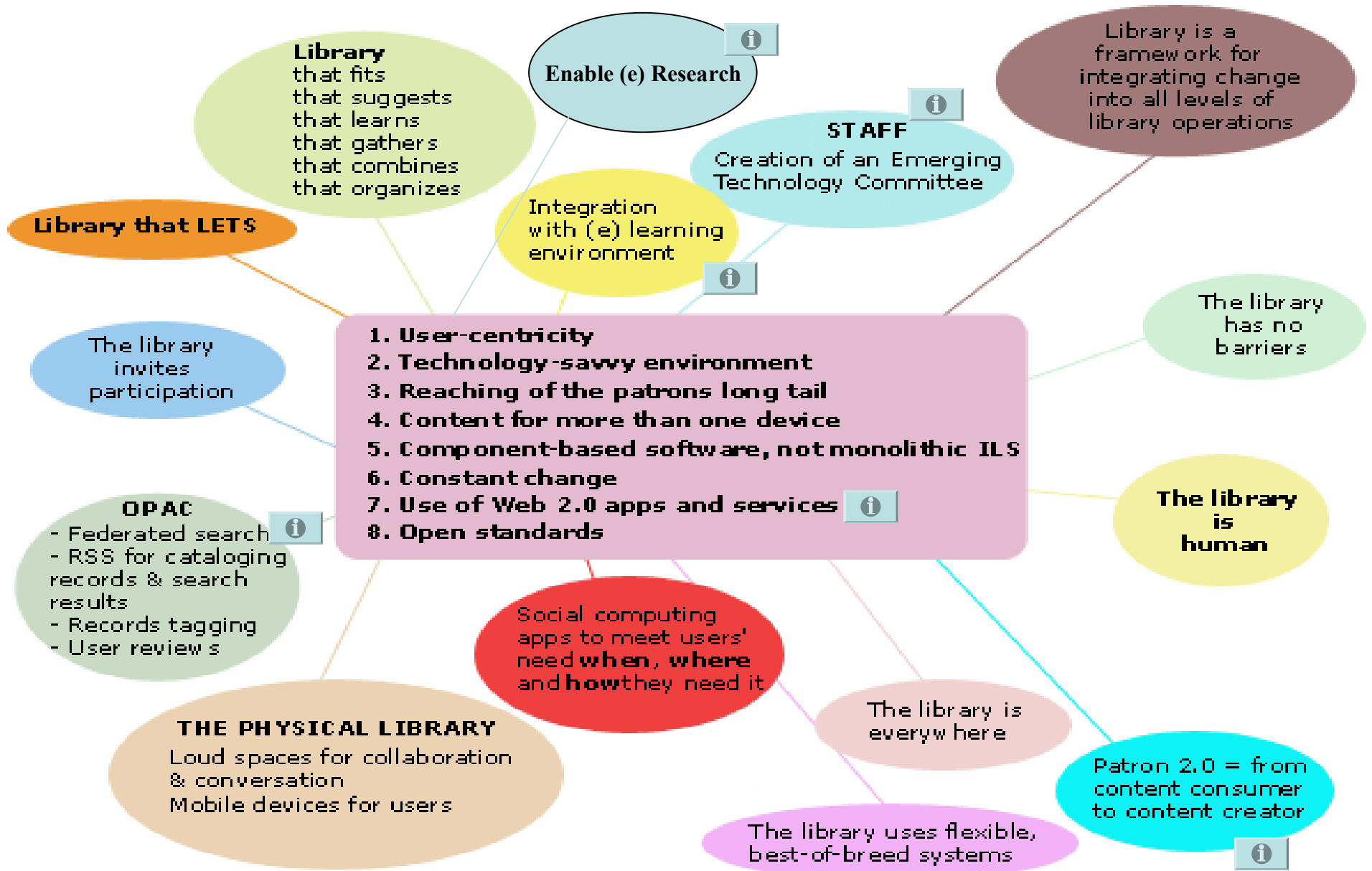
From Wikipedia, the free encyclopedia

Web 2.0, a phrase coined by O'Reilly Media in 2004,^[1] refers to a perceived or proposed second generation of Internet-based services—such as social networking sites, wikis, communication tools, and folksonomies—that emphasize online collaboration and sharing among users. O'Reilly Media, in collaboration with MediaLive International, used the phrase as a title for a series of conferences, and since 2004 some members of certain technical and marketing communities have adopted and loosely adapted the phrase. Others, notably Tim Berners-Lee, see the term as a needless and poorly-defined buzzword.

Contents [hide]

- 1 Introduction
- 2 Characteristics of Web 2.0
- 3 Technology overview
- 4 Innovations associated with "Web 2.0"
 - 4.1 Web-based communities

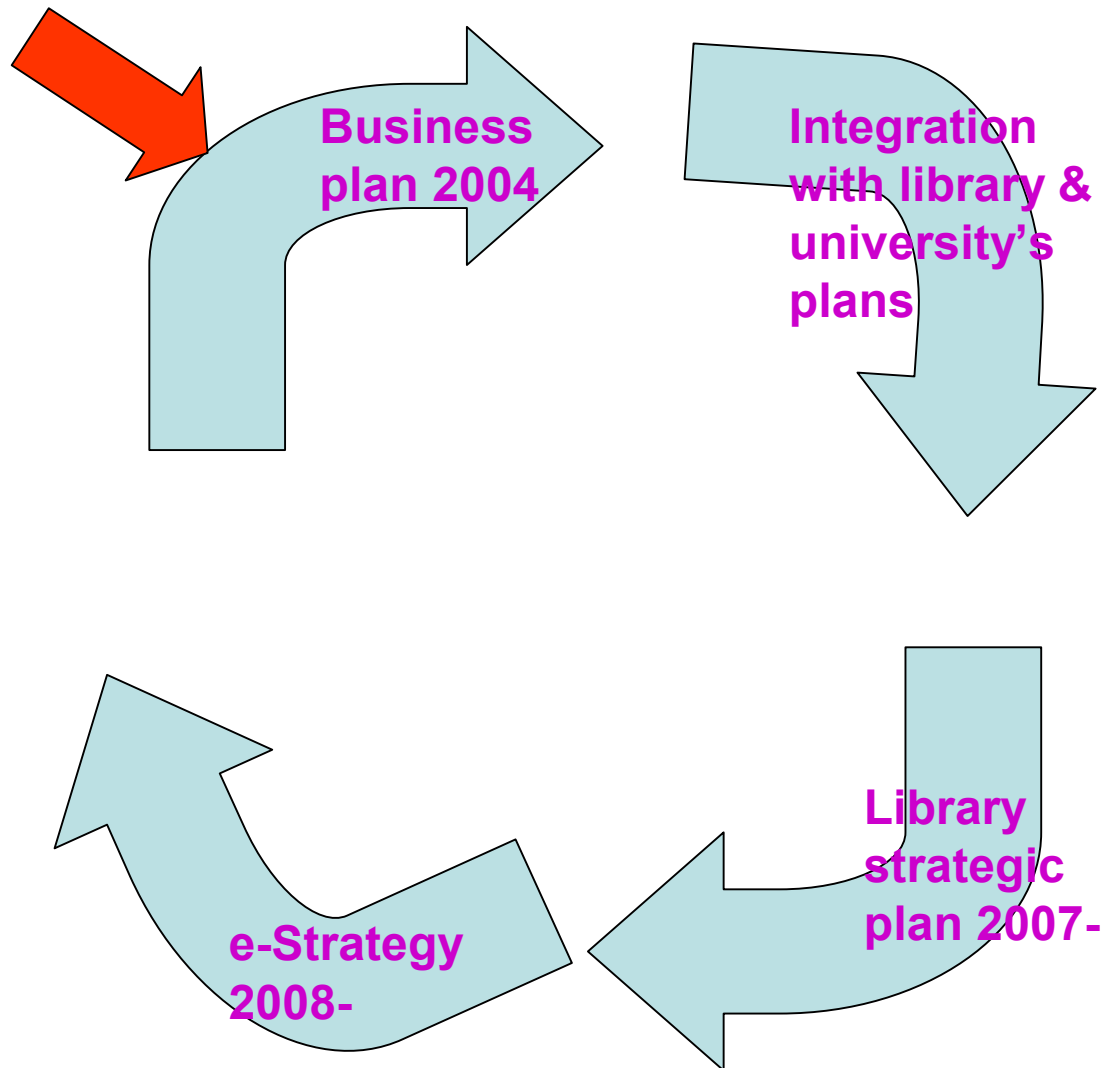
LIBRARY 2.0 MEME MAP



Why an e-Information Strategy?

- Can be seen as a high-level **Innovation Strategy** for any organisation
- **Integrate** e-Information applications within a broad framework
- Help to **focus** the organisation
- Keep the organisation on the **cutting edge** of new developments
- Establish a framework for **capacity** e.g. staff, IT to implement the strategy
- Actually just another term (a.k.a.) for a focussed corporate **Knowledge Management** strategy

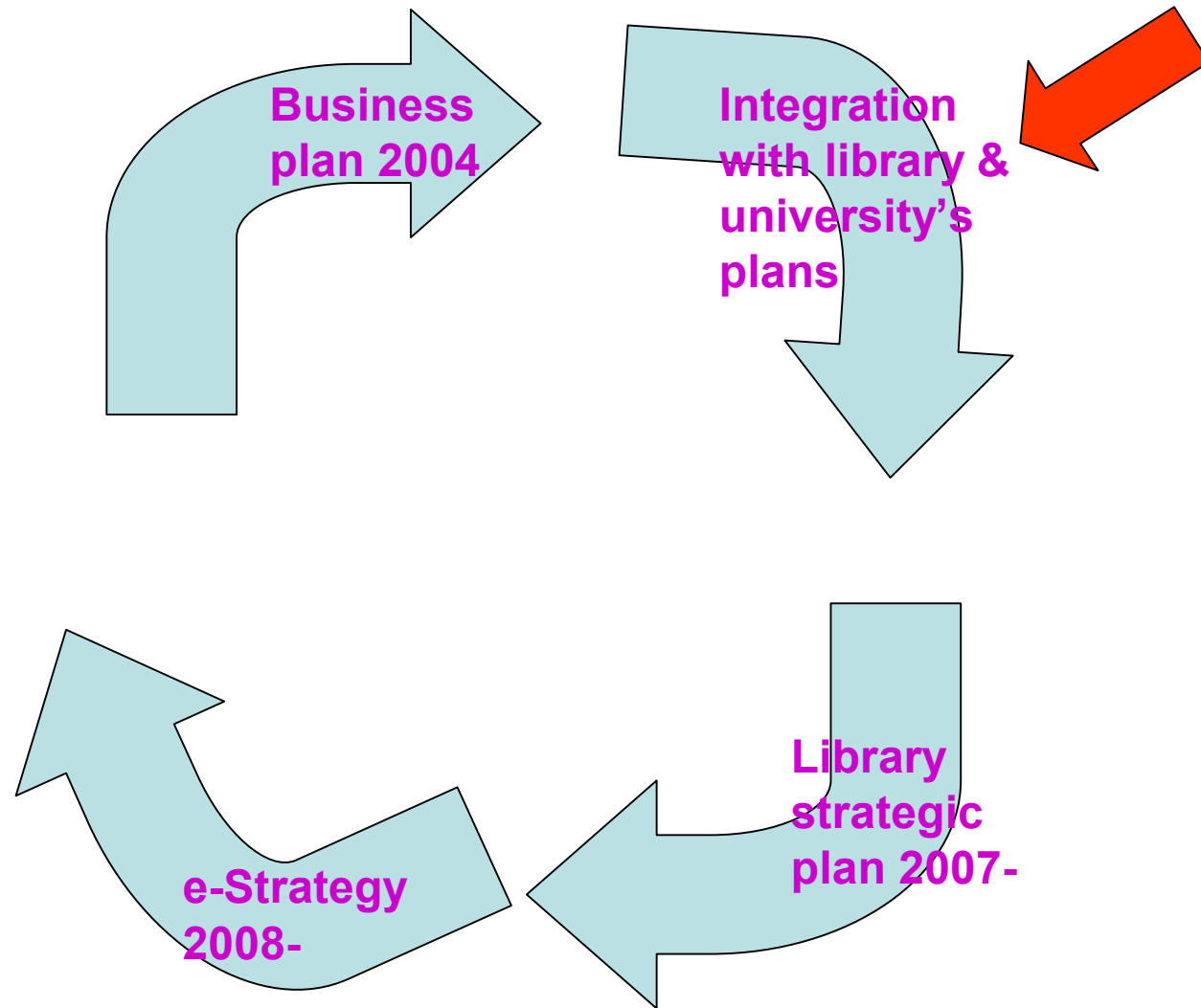
Phases of development



E-Information strategy business plan

- A **business plan** for the Library's e-Information strategy was formulated for the period June 2004-December 2005
- **Content:**
 - Introduction
 - Strategic context
 - Vision & mission of the Library; strategic objectives of this strategy
 - Information products & services
 - Marketing
 - Staff issues
 - Resources needed
 - Recommendations & implementation

Phases of development



The Library's e-information strategy 2006-2007

The aim of this strategy is the creation of an integrated seamless e-Service for the University of Pretoria.

Objectives

- To support education innovation and research excellence at UP;
- To deliver optimal e-information portal services (work flow) to our clients, and
- To take part in and make a contribution to international and national e-information phenomena, e.g. open access, digital preservation, e-Science, content management.

Key sub strategies in order to meet these objectives

- The creation of an e-information environment for our clients;
- Development of an e-information plan as part of UP's e-strategy;
- Development of learning/e-learning & research/e-research support strategies;
- The adjustment of the Library's **structure**, business processes, skills and facilities to support the e-information strategy.

The e-information environment sub-strategy consists of the following projects: **integrated systems, integrated interface, academic tools, digital reference, ICT infrastructure, e-sources, e-dissertations, academic digital repositories, e-publication and digital preservation.**

Integration with the library's strategic plan

- The content of the e-Strategy was integrated in the Library's strategic plan 2005-2010:

1

STRATEGIC PLAN 2005-2010



Vision, Mission, Values

Vision

We strive to be leaders in providing world-class solutions to information and knowledge challenges for achieving academic excellence.

Mission

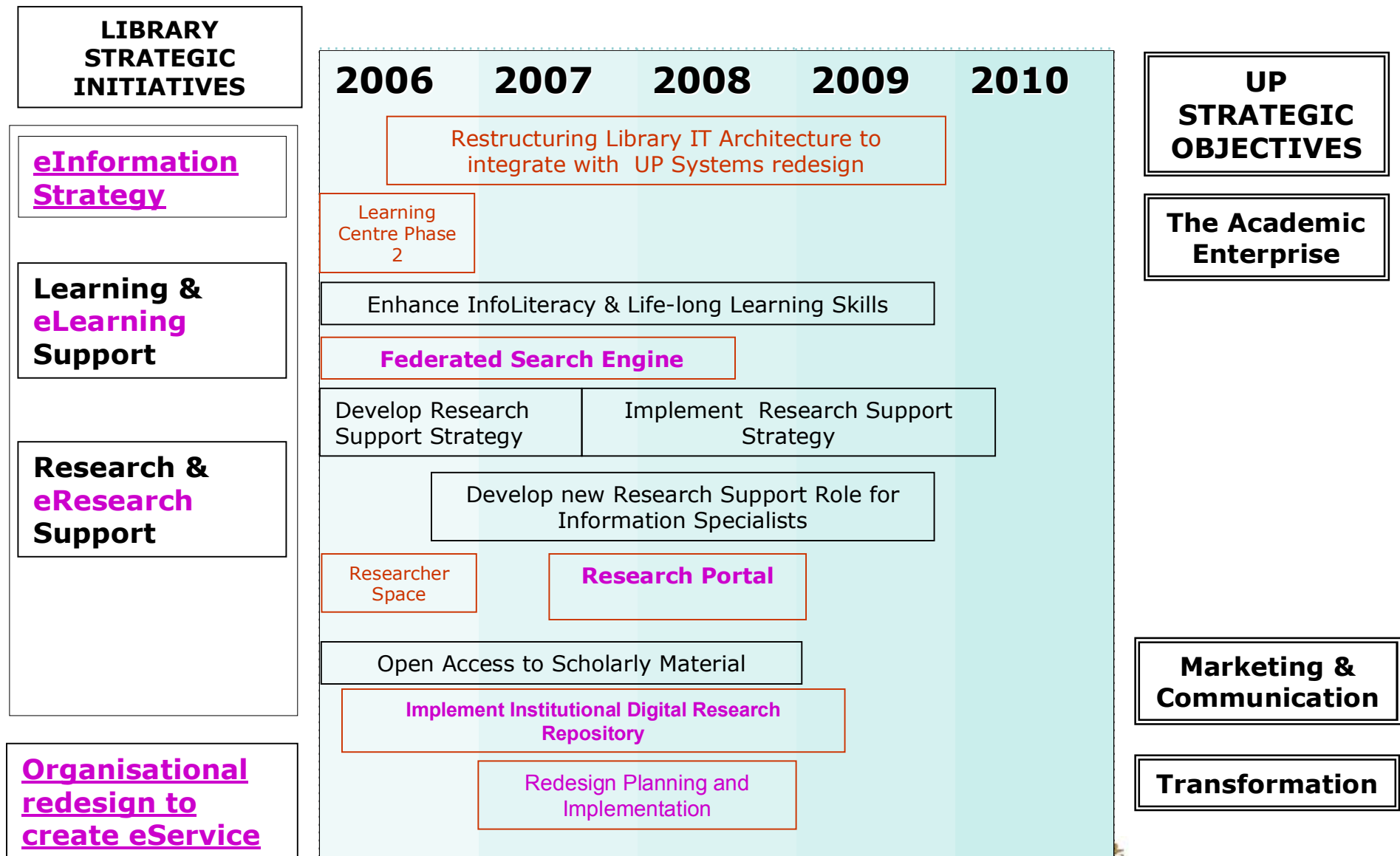
The AIS leads and facilitates

- Information and knowledge management
- Information literacy
- Designing and establishment of e-information services
- Establishment of a gateway to global information
- Effective scholarly communication

Values

- We generate positive energy for academic business success
- Professional behaviour, ethics and values are our hallmark

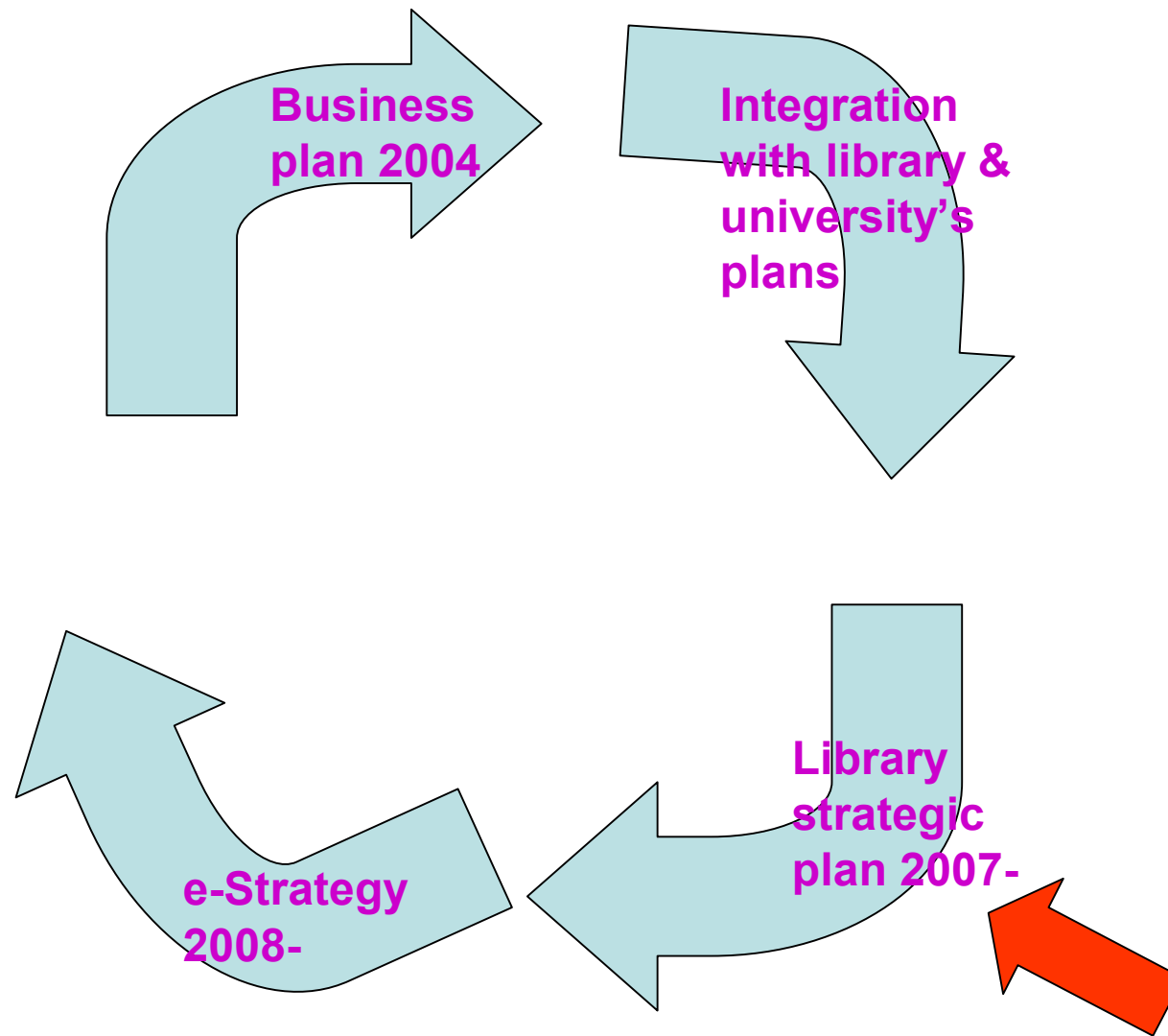
Library strategic plan: 2006-2010 (extra funding)



Integration with the university's strategic plan

- “ensuring that the University’s library and information services can give academics access to the information they need”
- **“E-research and the Library**
 - digitisation of rare sources
 - archiving research data
 - development of Virtual Research Environments (VREs)
 - an institution-wide academic digital repository”

Phases of development



AIS STRATEGIC PLAN 2007-2010

Integration with the library's new strategic plan



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Mandate

The Library Services is responsible for the management of academic information and knowledge, and for leading the University in **information and knowledge innovation**



Vision, Mission, Values

Vision

We strive to be a world-class modern academic research library enabling the University of Pretoria to become an internationally recognised research university

Mission

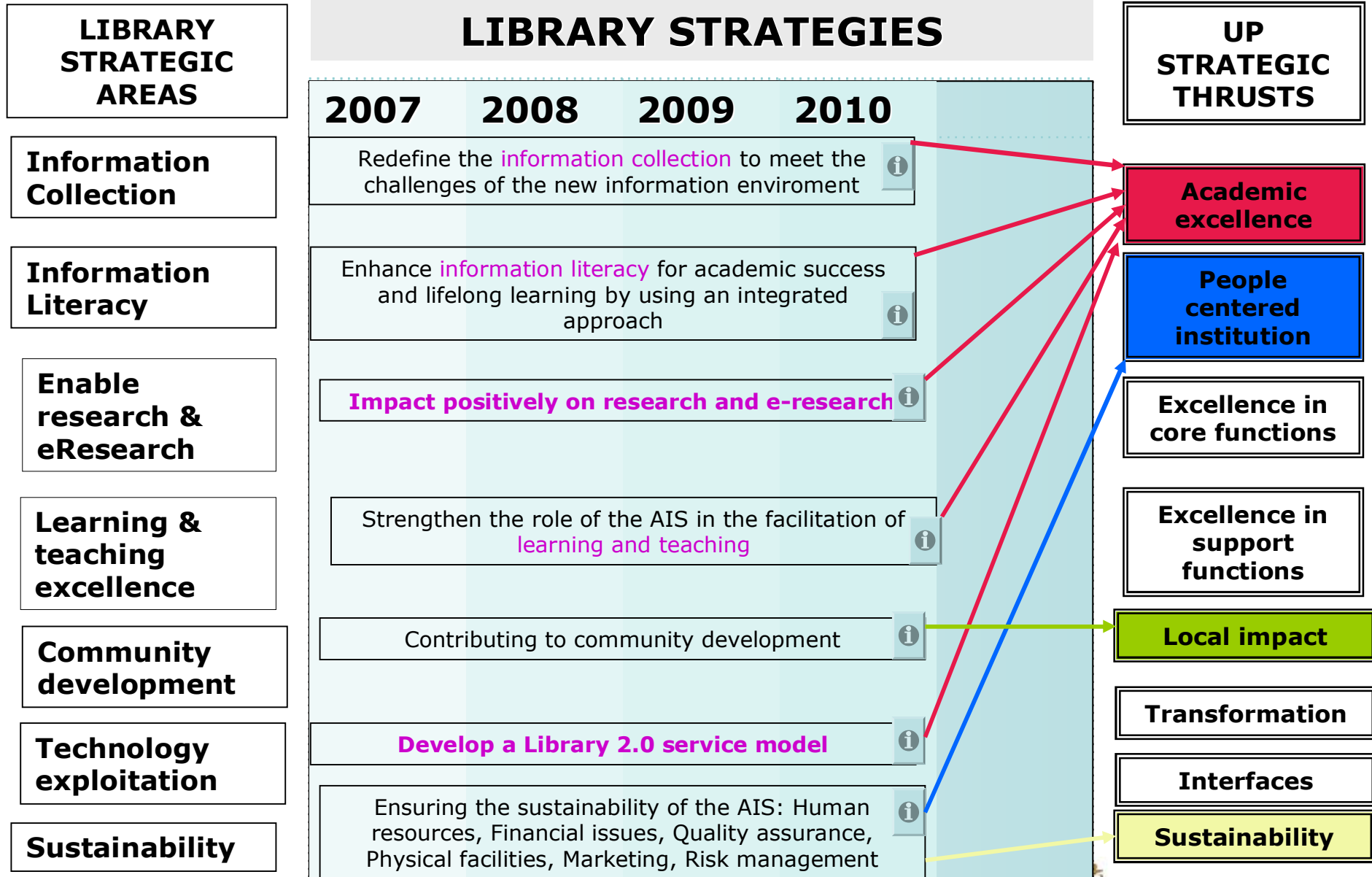
The vision will be achieved by:

- Developing a well balanced and relevant information collection
- Providing access to information in all formats nationally and internationally
- Taking responsibility for information literacy
- Enabling research and e-research
- Contributing to learning and teaching excellence
- Exploiting new technologies and continuously developing facilities for the advancement of learning and research
- Contributing to community development

Values

We value:

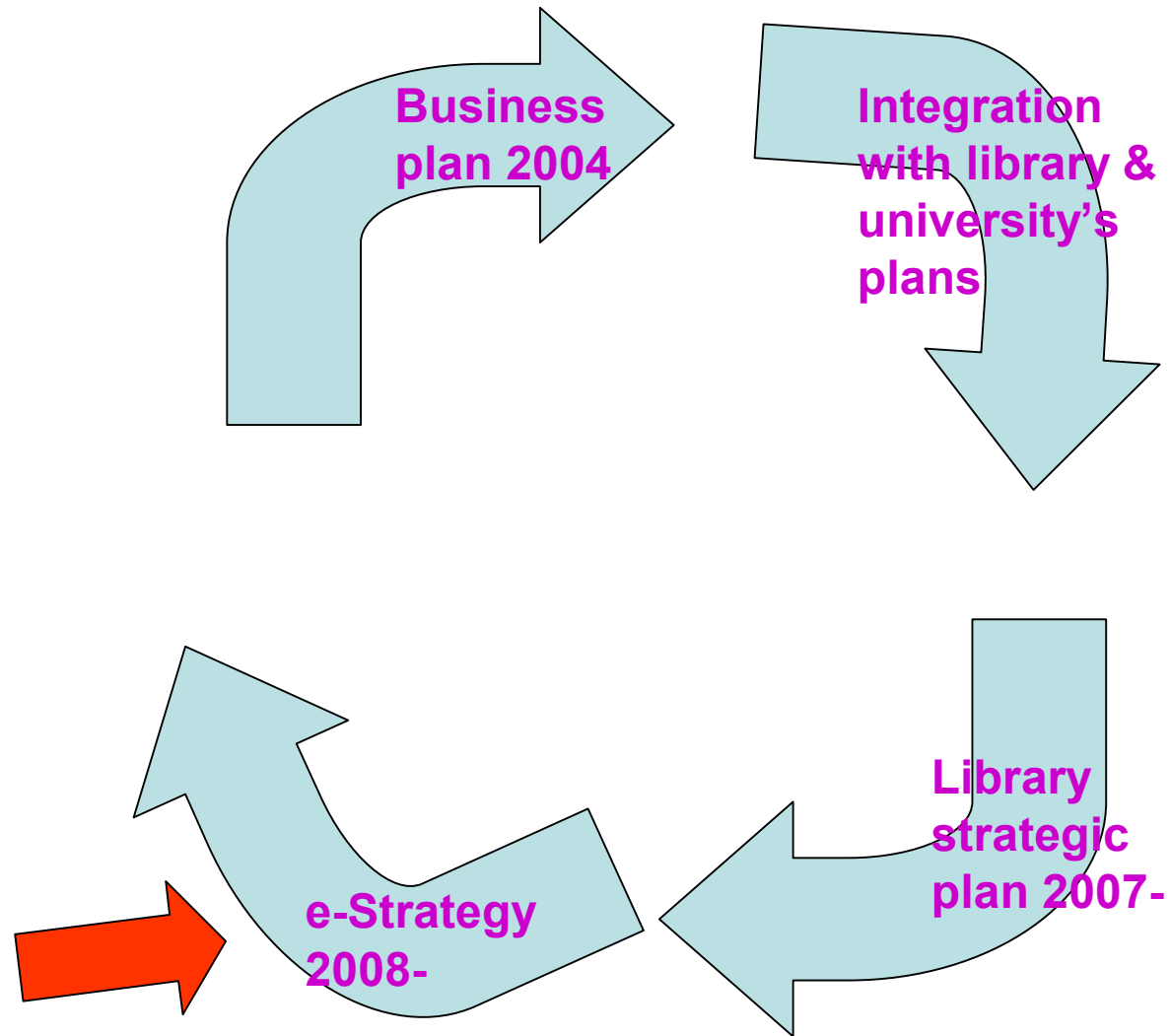
- Positive energy for success
- Professional and ethical behaviour
- Diversity as an asset



Achievements of the previous e-Information strategic process

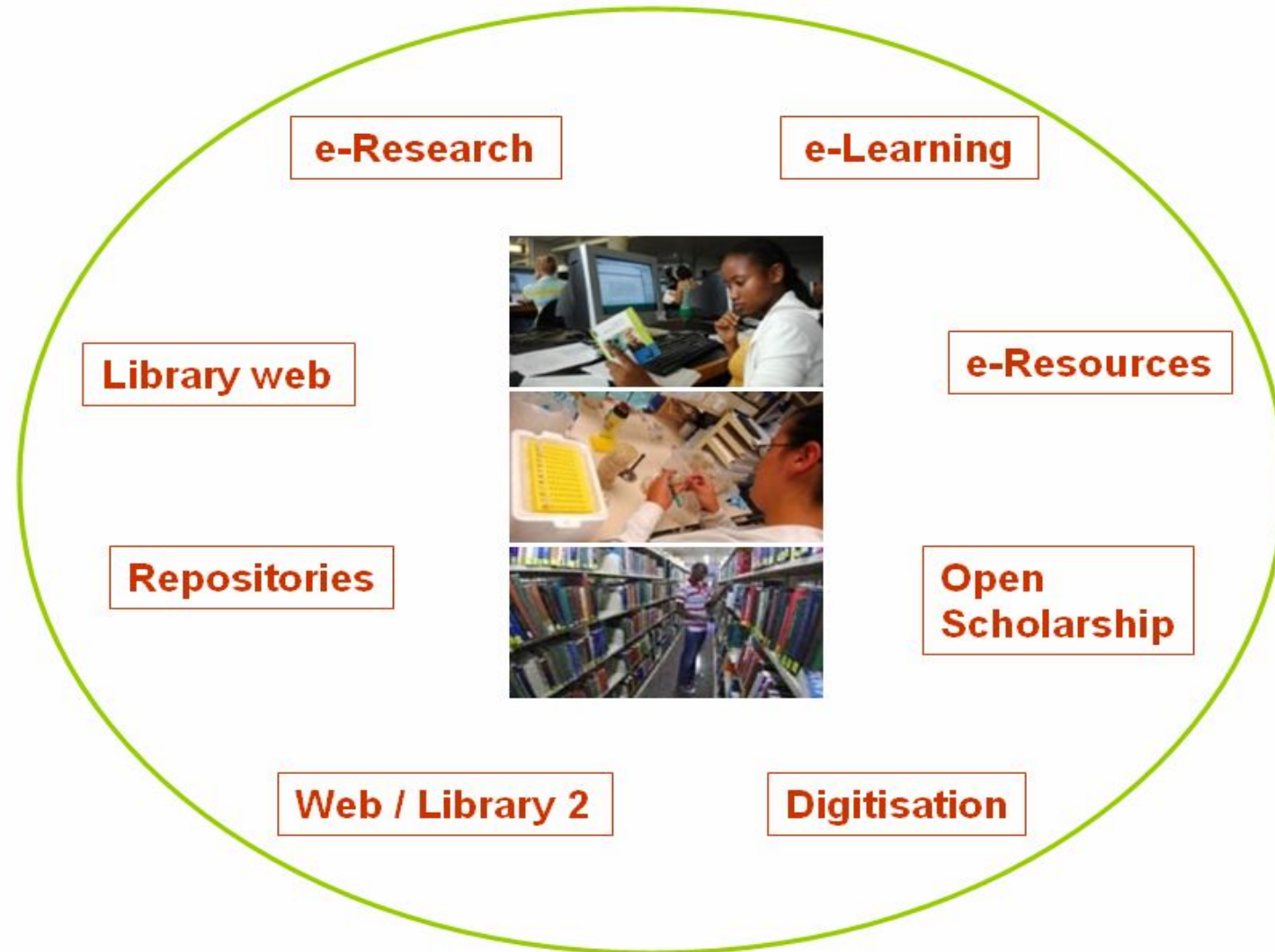
- Creation of the **e-Service unit** as that part of the Library primarily responsible for the implementation of the e-Information strategy
- Creation of several Library **e-Steering committees**
- Development and implementation of UP digital research **repository**, UPSpace (<https://www.up.ac.za/dspace/>)
- Google Scholar and Scholar SFX as **global search engine** of the library's electronic sources. (<http://0-scholar.google.com.innopac.up.ac.za/>). Also bought the commercial SFX link resolver in 2007
- Created a **digitisation** centre and established several UP digitisation projects. We are the first library in South Africa to buy the Digibook 10000RGB scanner. We also obtained scanners for microfiche / microfilm, slides and audio. (<http://www.ais.up.ac.za/aisintranet/aisnewsjan1/>)
- Development and implementation of the **Open Scholarship** strategy (thesis, dissertations, journal articles)
- Start of **e-Books collection** project
- Development of the **skills** of library staff (conferences, workshops, courses etc)
- **Marketing** of the Library's e-Strategy, e-Products & e-Services: UP, RSA, Africa & internationally
- **UP executive** supports this strategy

Phases of development

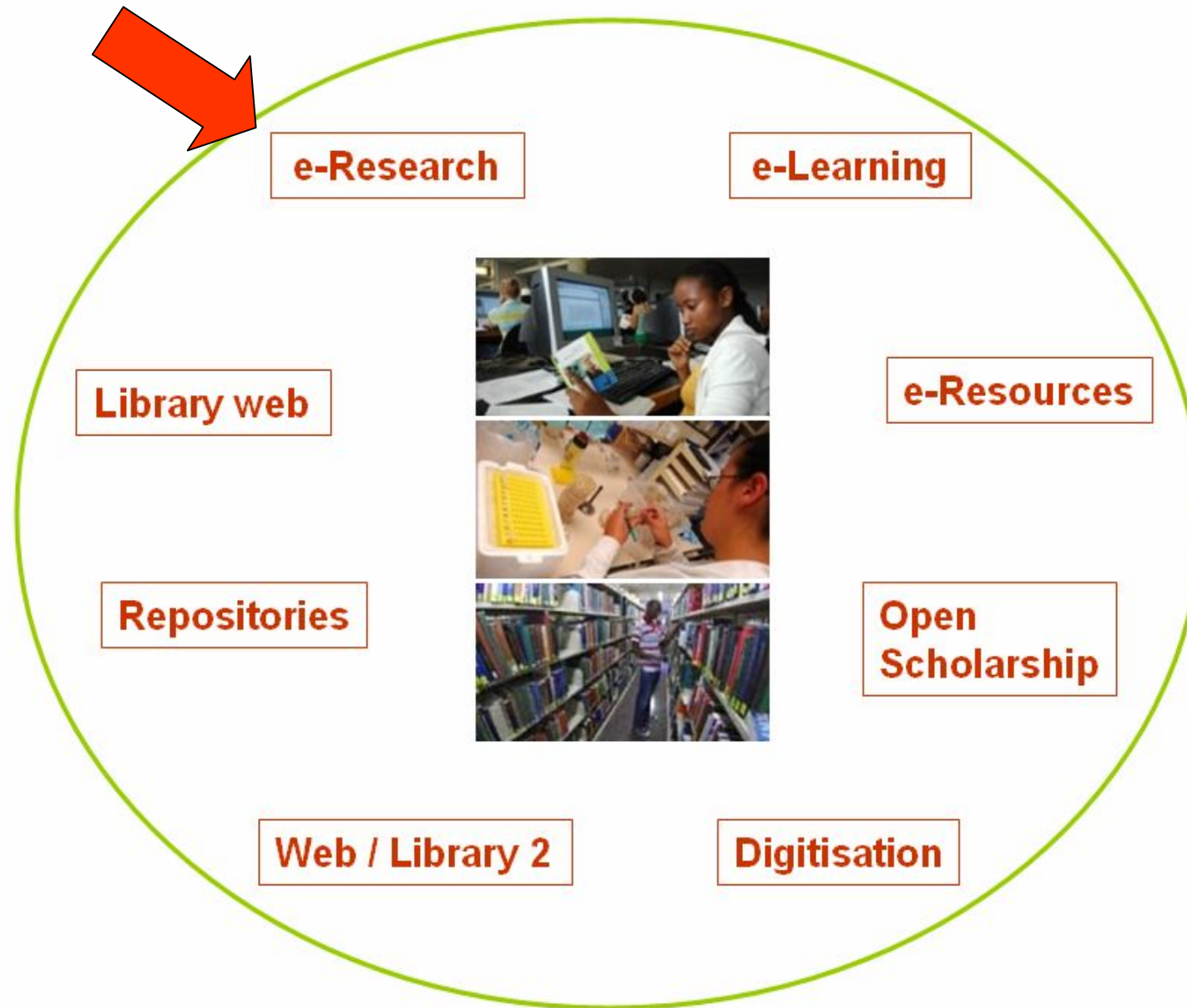


University of Pretoria Library's
e-Information Strategy 2008-2010

e-Environment for Scholarship



e-Environment for Scholarship



e-Research

(Heila Pienaar)

- **Digital data curation**
 - Implement digital curation of research data at UP in collaboration with Vice-rector: Research
 - Involved with national initiatives
- **e-Research environment**
 - Develop & implement SA Malaria virtual research environment (VRE) in collaboration with Sera
 - Investigate VRE's for UP
- **Digital Scholarship advocacy**
 - African Digital Scholarship & Curation Conference 12-14 May 2009 (UP & UB are co-chairs)
<http://www.library.up.ac.za/digitalscholarship.htm>

Data curation

African digital conference - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites Media

Address <http://stardata.nrf.ac.za/nadicc/programme.html> Go Links

1st African Digital Curation Conference

[Home](#) | [Registration](#) | [Accommodation](#)

1st African Digital Management and Curation Conference and Workshop

12 and 13 February 2008, at the CSIR Convention Centre, Pretoria

Preliminary Programme

Conference fee: R2 500 p/p

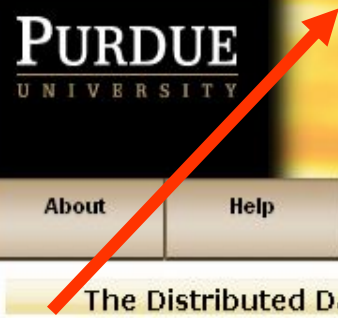
Day 1: Conference

08:00 – 08:30	Registration
08:30 – 09:00	Welcome and Keynote: The implications of the OECD declaration for African/ South African policy on research data and information management and curation, <i>Department of Science and Technology representative</i>
09:00 – 11:00	Theme 1: Overview : International trends <ul style="list-style-type: none">eScience : providing context, <i>Hans Falk Hoffmann, CERN</i>International data policy overview, <i>Paul Uhler Director, Office of International S&T Information Programs and</i>

Research Data Life Cycle

- Data acquisition
- Data ingest
- Metadata
- Annotation
- Provenance
- Data storage
- Data cleansing
- Data mining
- Curation
- Preservation

The Distributed Data Curation Center (D2C2), managed by the Purdue University Libraries ...



PURDUE UNIVERSITY Libraries
Access. Knowledge. Success.

Quick Links

- Your Library Account
- Interlibrary Loan
- Course Reserves
- Hours
- Maps

- About
- Help
- Catalogs
- Libraries and Units
- Articles and Databases
- Guides and Instruction
- Giving
- Ask a Librarian

The Distributed Data Curation Center

The Distributed Data Curation Center (D2C2), managed by the Purdue University Libraries, investigates and pursues innovative solutions for curation issues of organizing, facilitating access to, archiving for and preserving research data and data sets in complex environments. Current D2C2 outcomes include interaction with the DIR which serves as a platform for investigation of data curation issues and development of applications to determine controlled access for data and to help solve data archiving and preservation problems that arise in several research domains, such as agriculture and energy. [more...](#)



Funding Opportunitites (NSF)

Protein Data Bank Management
(NSF 08-507) November 7, 2007

The goal of this solicitation is to ensure the continuing, highest possible quality of management for the central, U.S. component of the Protein Data Bank ...

Current Projects

- Ingest, Preservation and Access for Water Quality Datasets in an Institutional Repository**
Center for the Environment @ Discovery Park-Purdue
Marianne Bracke(Sen. Pers.); Michael Witt(PI); Sylvie Brouder (co-PI)
- Investigating Data Curation Profiles Across Multiple Research Disciplines**
Institute of Museum and Library Services
Scott Brandt(PI); Michael Witt(co-PI); Jake Carlson(co-PI)
- Metasearch Technologies for the NSDL Distributed Community**
National Science Foundation
Paul Bracke(PI)
- Development of an OAI-PMH Interface for nanoHUB.org**
Network for Computational Nanotechnology
Michael Witt(PI)
- Sun STK 5800 Storage System**
Sun Microsystems
Michael Witt(PI)

Recent Proposals

Enabling end-to-end geospatial data modeling workflows via INPort: The Isotope Networks Portal
National Science Foundation
Christopher Miller(co-PI); Tonglin Zhang(co-PI);

Digital Curation @ UP

Establishment of an Institutional (UP) Policy for the Preservation and Retention of Research Data dated 2007-08-23:

“Data that is in digital form or which can be converted into digital format will be stored and curated on the **digital repositories** created by the **University library**”

This proposal will have a huge impact on the Library as we do not have adequate resources

Open access and the Humanities

- In the **humanities** open access should similarly refer not only to publications but also **to testimonies of cultural heritage, to historical works of art, literature, and science, to image, film and sound collections, to statistical data, etc.**” (<http://bechet.exp.sis.pitt.edu/lis2670/NSF-JISC-report.pdf>).

The image is a collage illustrating digital humanities resources. On the left, there is a medieval manuscript page with a red figure and a painting of a seated woman. In the center, a YouTube video player for 'Virtual Tour of Yad Vashem's New Holocaust Museum' is shown, with a 5-star rating and 29,737 views. On the right, a music player interface displays a spectrogram for a song titled '0001'.

<http://www.imagesonline.bl.uk/gallery.asp>

<http://lcweb2.loc.gov/diglib/ahas/loc.natlib.ahas.100010769/default.html>

**Virtual Research Environment (VRE) for Malaria research in SA
A SERA (UP/CSIR) initiative**

Malaria VRE components

Red: none
Orange: some
Yellow: all

**Repositories:
research results;
experiments;
literature &
documents**

**Web/wiki/blog: search engines,
databases; researchers &
topics; funders, portals,
communication, projects**

Identification of
research area

Literature review &
indexing

**Internal shared
database of
indexed articles**

Dissemination &
artifacts

Identification of
collaborators

**Skype, smart
board, video
conferences**

Real time
communication



Proposal writing

**Document
management
system**

**E-learning
system for
researchers**

Training / mentoring
etc

Identification of
funding sources

**Generic
software e.g.
MS / Open
Office**

Scientific workflow

Project management

**(Collaborative)
Electronic Lab
book**

**Servers with
data files**

**Sophisticated
instruments that
generate digital
information and data**

**Access to
research
networks &
super
computers;
access to labs
with in silico
screening +**

**Project
management
system**

**Integrated
data
management
system**

**Mathematical modelling tools;
numerical algorithm tools; simulation
software; in silico experiments**

**(Free) Data
analysis
software**

VRE for the Humanities

- Building a virtual research environment for the **Humanities** (BVREH). An initial survey carried out by the BVREH team between June 2005 and September 2006 defined the range of services that a Virtual Environment should offer - from information about researchers and their interests and about conferences, lectures and seminars, to integrated communication and collaboration tools to support advanced research. The "Digital Pen and Paper Technologies" project is showing a lot of promise (<http://bvreh.humanities.ox.ac.uk/>).
- The **VRE for the Study of Documents and Manuscripts** project naturally follows from the outcomes of BVREH project. In this project a broad-based understanding of user-driven needs has been established, and it was shown how tools and resources for studying texts and document might be implemented in a service-based environment and some **annotation and mark-up tools** have also been tested. The project team will now proceed to construct an integrated environment in which the data (documents), tools and scholarly instrumenta will be available to the scholar as a complete and coherent resource (<http://www.jisc.ac.uk/media/documents/programmes/vre2/vre18sdmvreprojectplan.pdf> ; http://www.jisc.ac.uk/whatwedo/programmes/programme_vre/vre_bvreh.aspx ; <http://bvreh.humanities.ox.ac.uk/VRE-SDM>).



Thin Film Nanotubes

Simulate networks of carbon nanotubes

Explore random networks of carbon nanotubes with thousands of tubes and random orientations. Compute the conductivity of these networks and simulate their performance in transistors of various geometries.

[Learn more](#)

A resource for nanoscience and technology, the nanoHUB was created by the NSF-funded NCN and its development is driven by research themes in:

- Nanoelectronics ^{NEW}
- NEMS/Nanofluidics
- Nano-Bio Devices

[Learn more](#)

Simulate

- [Nanoelectronics](#)
Tools for nanoelectronics
- [NEMS/Nanofluidics](#)
Tools for NEMS and Nanofluidics

Research

- [Seminars / Workshops](#)
Cutting edge research
- [Collaborate](#)
Work with your colleagues

Teach & Learn

- [Nano 101 / Nano 501](#)
Introductory tutorials
- [Nanocurriculum](#)
Curriculum on Nanotechnology

Contribute

- [Contribute Content](#)
Upload your own materials
- [Give us Feedback](#)
Success story? Suggestions?



WHAT IS HUBZERO?

HUBzero allows you to create dynamic web sites that connect a community in scientific research and educational activities. HUBzero sites combine **powerful Web 2.0 concepts** with a middleware that provides instant access to interactive simulation tools. These tools are not just Java applets, but real research codes that can access **TeraGrid**, the **Open Science Grid**, and other national Grid computing resources for extra cycles.

HUBzero was created by researchers at **Purdue University** in conjunction with the **NSF-sponsored Network for Computational Nanotechnology**. The technology was originally developed to support **nanoHUB.org**, a national resource for nanotechnology simulation. It has since been extended to create science gateways for other scientific domains.

[View a demo of nanoHUB >](#)

[Learn more about the underlying infrastructure >](#)

HUB Watch

Here is that list of hubs being built with the HUBzero software:

- [cceHUB.org](#)
cancer core engineering



Cyberinfrastructure for nanoHUB.org and Beyond

Michael McLennan
Software Architect
Network for Computational Nanotechnology
Purdue University

*DARPA Workshop on N/MEMS Design Automation
San Diego, CA, December 6-7, 2007*



Cyberinfrastructure for nanoHUB.org and Beyond



Michael McLennan
Senior Research Scientist, Purdue University
Contact

Outline	Thumb	Notes	Search
Slide Title			Duration
▶ Cyberinfrastructure f...			00:18
Working Cyberinfrastr...			00:41
What is nanoHUB.org?			00:60
More than 50 tools on...			00:31
Deliver ANY Graphical...			02:46
Rappture = Rapid Ap...			01:19
Rappture works by de...			01:48
Inputs, Outputs, and ...			01:21
Future work: Rapptur...			00:49
Future work: Bench...			00:51
NCN Strategy for Acc...			00:39
11 Minutes 59 Seconds Remaining			

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navigation

- Main Page
- Recent changes
- Help
- Contact Us
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research

- Materials
- Protocols
- Resources

search

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- What links here
- Related changes
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- Printable version
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Share techniques & more



Blogs
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OpenWetWare Lab Notebooks



New features include:

- Dynamic calendars**
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!

Sudarshan Kini • Ingvild Flatten • Iker Valle Aramburu • Aayushi Uberoi • Bujar

OWW News

[Three OWW labs mentioned in nature.com](#)

Having a presence on OWW can help a lab gain exposure in some unexpected ways. Last week the French, Keymer, and McKinney labs, all of whom maintain wikis on OWW, were mentioned in Virtual networking for microbiologists, a Nature review about Web 2.

[iGEM 2008 shifting into high gear](#)

OpenWetWare is a strong supporter of iGEM (iGem.org) the International Genetically Engineered Machine Competition, which is now shifting into high gear for



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- ? Help
- Contact Us
- Chat

research

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- Protocols
- Resources

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- Upload file
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- Printable version
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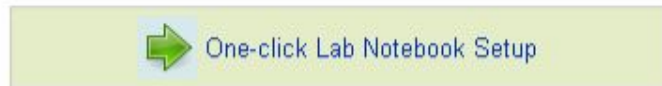
Lab Notebook

Are you interested in setting up a lab notebook for yourself, your IGEN team or even your lab? (to see the new OpenWetWare Lab Notebook in action, take a look here).

Features

- Dynamic calendar**
 - Create or view project entry dates with a simple click.
- Local search**
 - Easily find content located only within your project.
- Improved navigation**
 - Easily jump back and forth between entries
- Customizable entry pages**
 - Give your notebook pages a personal touch.

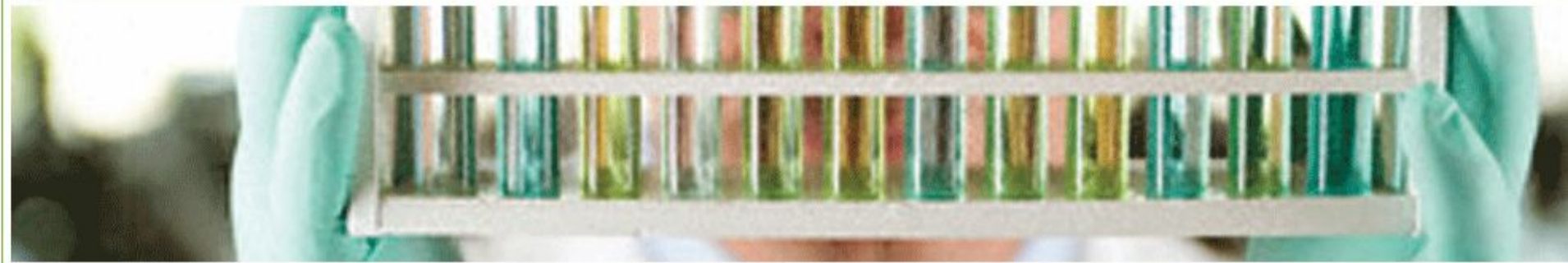
Set up your own lab notebook



Further instructions regarding notebook setup can be found [here](#). If you need any help please contact us.



Research Information Centre



British Library for Research

A one stop solution for carrying out research studies in planned & phased manner and networking with fellow community members



Plan The Research

Search the literature, plan the study, and apply for funding.



Network

Connect with fellow researchers for sharing ideas, resources etc.



Experiment

Use online tools to achieve faster results.



Publish

Disseminate research outputs.

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Welcome to ResearchGATE

ResearchGATE is a new free of charge [Science 2.0 platform](#) designed for the need of researchers. With this new platform we want to change the world of science by providing a global and powerful scientific web-based environment, in which scientists can interact, exchange knowledge and collaborate with researchers of different fields. Sign up and be part of the first scientific network.

- present yourself and your research projects
- enroll, expand, and broaden your science network globally
- exchange know-how and expertise
- initiate collaboration
- discuss your research limitation and get positive feedback
- use our innovative tools and work environments for online collaboration

Sign up



View our Global Advisory Network



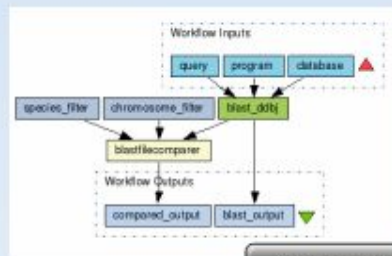
myExperiment makes it really easy to **find**, **use** and **share** scientific workflows and other **files**, and to build **communities**.

Search bar with dropdown menu set to 'All' and a 'Search' button.

Use myExperiment to...

- Find Workflows
- Find Files
- Share Your Workflows and Files
- Create and Find Packs of Items
- Create and Join Groups
- Find People and Make Friends
- Send Messages
- Get Feedback
- Tag and Rate things
- Write Reviews and Comments
- Build your Profile and Reputation

Explore



Find Workflows

Project Links

- myExperiment Wiki
- Mailing List
- Give us Feedback
- myGrid
- Taverna Workflow Workbench
- myExperiment Publications

Register

or Login:

Username or Email:

Input field for Username or Email

Password:

Input field for Password

Remember me:

Or use OpenID:

Input field for OpenID

(eg: name.myopenid.com)

Login

Forgot Password?

Taverna project website



[Home](#) | [Download](#) | [Lists](#) | [Documentation](#) | [Developer blog](#) | [Sourceforge site](#) | [myGrid](#) | [OMII-UK](#)

Welcome to Taverna 1.7

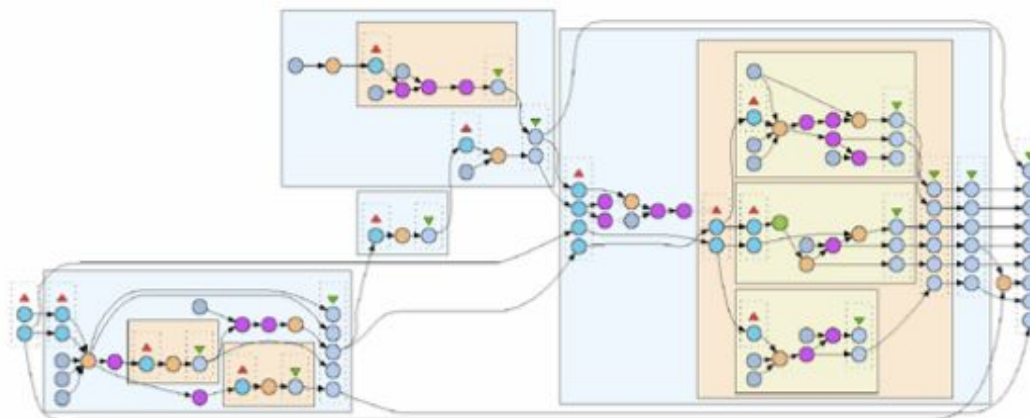
The **Taverna workbench** is a free software tool for designing and executing workflows, created by the myGrid project, and funded through OMII-UK. Taverna allows users to integrate many different software tools, including web services, such as those provided by the National Center for Biotechnology Information, The European Bioinformatics Institute, the DNA Databank of Japan (DDBJ), SoapLab, BioMOBY and EMBOSS.

The **Taverna Workbench** provides a desktop authoring environment and enactment engine for scientific workflows expressed in Scufi (Simple Conceptual Unified Flow language). The Taverna enactment engine is also available separately, and other Scufi enactors are available including Moteur. The myExperiment social web site supports finding and sharing of workflows and has special support for Scufi workflows. The Taverna workbench, myExperiment and associated components are developed and maintained by the myGrid team, in collaboration with the open source community.

Project statistics

Original myGrid Partners

EMBL-EBI
University of Manchester
University of Newcastle
University of Nottingham
University of Sheffield
University of Southampton
IT Innovation Centre



PROJECT 35

OPEN SOURCE SOFTWARE FOR DATA ENTRY AND MODELLING

WHO WE ARE . GETTING STARTED . TOOLS & USERS . MODELS . DEVELOPMENT . FEEDBACK

Welcome to the home page of PROJECT35!

Project 35 is a Java-based open source software project that takes an XML schema and renders it as forms for [data modelling and data entry](#). We have tried our best to test the software, and the download comes with a comprehensive set of learning materials. Project 35 is general in its approach and this means that it can handle a wide variety of data models from a wide variety of projects and disciplines. The software can be used in scientific or medical domains or can be used to help catalogue things like comic books. We have designed the tutorials so they include screen shots of data entry forms that are relevant to various domains. We took this approach to remind end-users that the software can be applied to multiple fields.

Project 35 also supports internationalisation by allowing different languages to be supported and provides configuration options to accommodate those users who may need larger fonts or different coloured text and backgrounds in order to see effectively. We also have a version specifically designed for Tablet PCs. It is also possible to link fields to ontology terms and to create alerts for fields.

If you have experience with our software, you may want to skip ahead to the section most relevant to you. However, if you are new, then we suggest you start with the 'Who We Are' section and then just follow the main navigation bar at the top of the page from left to right. Each section will have a lot of information but we have tried to organise it so there isn't too much jumping around. We have deliberately kept this documentation simple in terms of its look and feel - don't expect any kind of animation! We have done this to try and ensure our information can be viewed by as many people as possible, some of whom may not have the means to support such fancy presentations. The documentation is available both online and as part of the download.

We are assuming that this is the first page you have come to in the web pages that come with the software download. If you want to get back here, then just click on the Project 35 logo at the top. Good luck!

Keywords: "Project 35", "open source", XML, "data modelling", "data entry", ontology, Java, "Tablet PC", Garwood.
Copyright © 2008 Christopher Garwood and Kevin Garwood.

Digital Scholarship advocacy

<http://www.library.up.ac.za/digitalscholarship.htm>

The screenshot shows a web browser window with the address bar containing the URL <http://www.library.up.ac.za/digitalscholarship.htm>. The browser interface includes a back button, search, favorites, and media icons. The page content is framed in red and features a blue header with the text "12-14 May 2009 CSIR Conference Centre, Pretoria, South Africa".

African Digital Scholarship & Curation

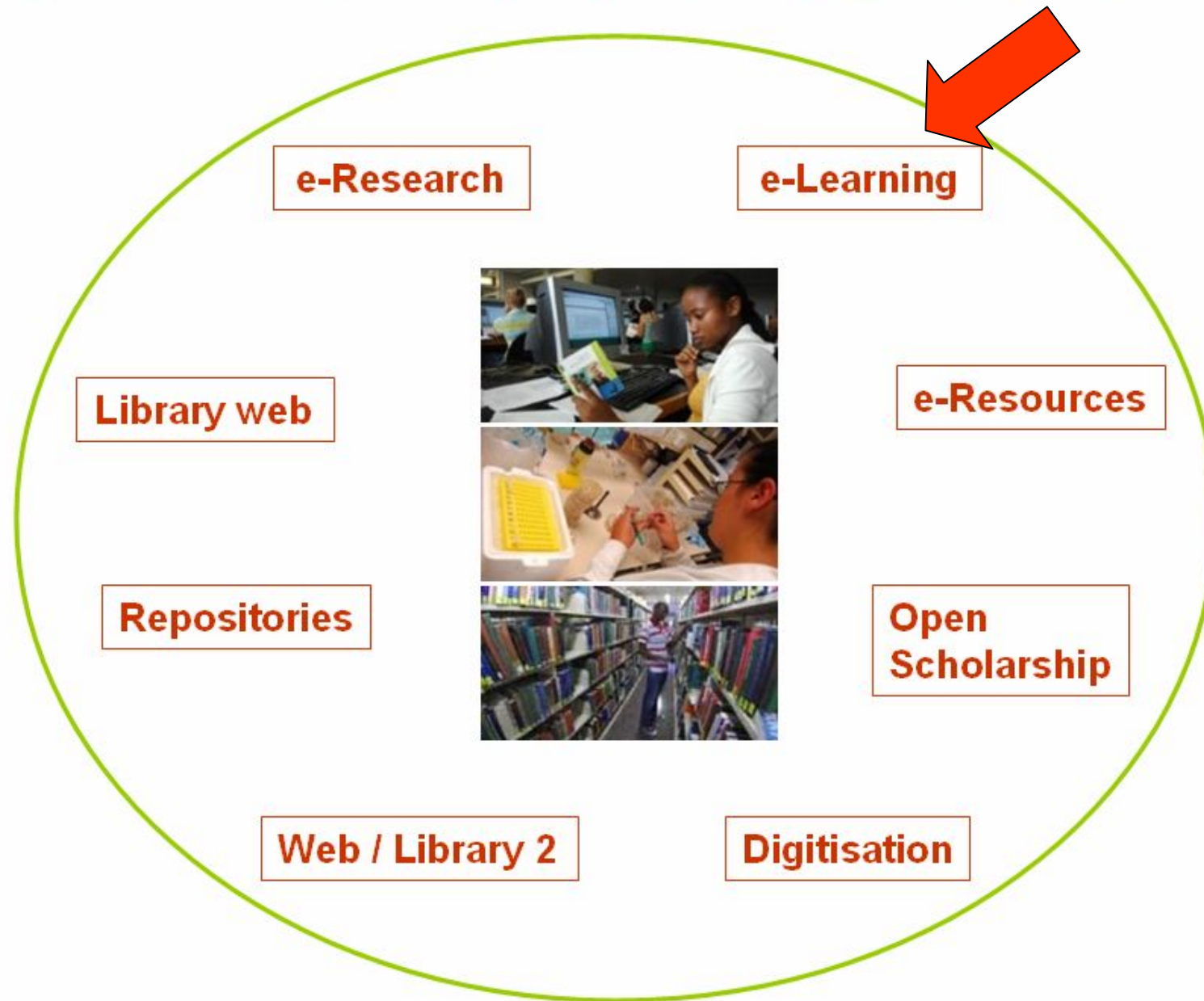
2009

12-14 May 2009 CSIR Conference Centre, Pretoria, South Africa - <http://www.library.up.ac.za/digitalscholarship.htm>

Links	African Digital Scholarship & Curation 2009	Co-chairs
Call for Papers, Posters, Workshops	Identification of opportunities, strategies and practical examples for new forms of research and scholarship and for the management of the digital content of these activities by academics, researchers, scientists, information professionals and IT experts	 UNIVERSITEIT VAN PRETORIA UNIVERSITY OF PRETORIA YUNIBESITHI YA PRETORIA <i>Democracy • Leadership • Integrity • Excellence</i>
Suggested Topics	Call for Speakers	 UNIVERSITY OF BOTSWANA
Target Audience	The organising committee invites proposals for presentations at African Digital Scholarship & Curation 2009 , to be held at the CSIR Conference Centre, Pretoria, South Africa 12-14 May). We welcome dynamic speakers from African and all other countries willing to share their knowledge and experience about information content, tools, techniques, processes and management.	Sponsored by NeDICC
Committee Chairs	This conference is a follow-up of two conferences that were held independently in 2007 / 2008, i.e. the University of Botswana Digital Scholarship Conference in December 2007 and the 1st African Digital Curation Conference (http://stardata.nf.ac.za/nadicc/programme.html) in February 2008.	 ASSAf
Conference Administrator	The widespread availability of digital content creates opportunities for new forms of research and scholarship that are qualitatively different from traditional ways of using academic publications and research data. To support these novel forms of research and scholarship, such content must be captured, managed, and preserved in ways that are significantly different from conventional methods. New forms of research and scholarship can be seen in the following	 CSIR <i>our future through science</i>
Submit your Abstract		 science
Previous Conferences		

Done Local intranet

e-Environment for Scholarship



e-Learning

(Ina Smith)

- **Develop e-Skills of Library staff**
 - Design 60 minutes workshops to support e-Information strategy
 - Make these workshops available for other people at cost?
- **UP e-Learning**
 - Seamless integration of library information with clickUP
- **Library e-Learning**
 - Develop & implement e-Learning modes & modules (e.g. information literacy)

e-Learning

Integration of web resource pages with the different modules of the e-Learning system

The screenshot displays a web browser window with a search bar and navigation icons. The main content area is titled "DEPARTMENT OF LIBRARY SERVICES" and "Graduate School of Technology Management Sustainable Life Cycle Management (SLCM) 2008". A sidebar on the left contains a "Course Tools" menu with items like "Course Content", "Announcements", "Assessments", "Assignments", "Calendar", "Discussions", "Learning Modules", "Web Links", and "Who's Online". Below this is a "My Tools" section with "My Grades". The main content area shows "Your location: Home Page > AIS References." and a navigation bar with "Prescribed Literature: Theme 1, 2 and 3", "Supplementary Reading: Theme 3 | Life Cycle Management", "E-Resources", and "International Websites". The "Prescribed Literature" section lists "Theme 1: Health and Safety Management" and "Theme 2: Environmental Management" with associated articles and links. A right sidebar contains links for "Library Homepage", "eResources Collection of E Resources", "Catalogue Library, CBR and GIB", "Copyright Information on Copyright", and "Search UP Web Search UP web".

University of Pretoria
Universiteit van Pretoria

Accessibility | Help

ile802 - ile802_s01_2008

Your location: [Home Page](#) > AIS References.

DEPARTMENT OF LIBRARY SERVICES

Graduate School of Technology Management
Sustainable Life Cycle Management (SLCM)

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

2008

Prescribed Literature: Theme 1, 2 and 3 Supplementary Reading: Theme 3 | Life Cycle Management E-Resources International Websites

Prescribed Literature

Theme 1: Health and Safety Management

Jansen J.C., Brent A.C. (2005). Reducing accidents in the mining industry: An integrated approach. *Journal of the South African Institute of Mining and Metallurgy*, 105 (10), 719-725.

[pp 1 \[562 kb\]](#) [pp 2 \[482 kb\]](#) [pp 3 \[562 kb\]](#) [pp 4 \[608 kb\]](#) [pp 5 \[562 kb\]](#) [pp 6 \[742 kb\]](#) [pp 7&8 \[562 kb\]](#)

Theme 2: Environmental Management

Labuschagne C., Brent A.C., van Erck R.P.G. (2005). Assessing the sustainability performances of industries. [340 kb] *Journal of Cleaner Production*, 13 (4), 373-385.
[UPSpace: SLCM Research articles](#)

IAIA EIA Principles of Environmental Impact Assessment: Best practice [26 kb]

IAIA SEA Social Impact Assessment : International principles. [42 kb]

ISO 14001 standard

International Organisation for Standardization (1998): ISO 14000. - Meet the whole family ! [287 kb]

Library Homepage

eResources Collection of E Resources

Catalogue Library, CBR and GIB

Copyright Information on Copyright

Search UP Web Search UP web

Teaching e-Skills to UP librarians: 60 minutes workshops

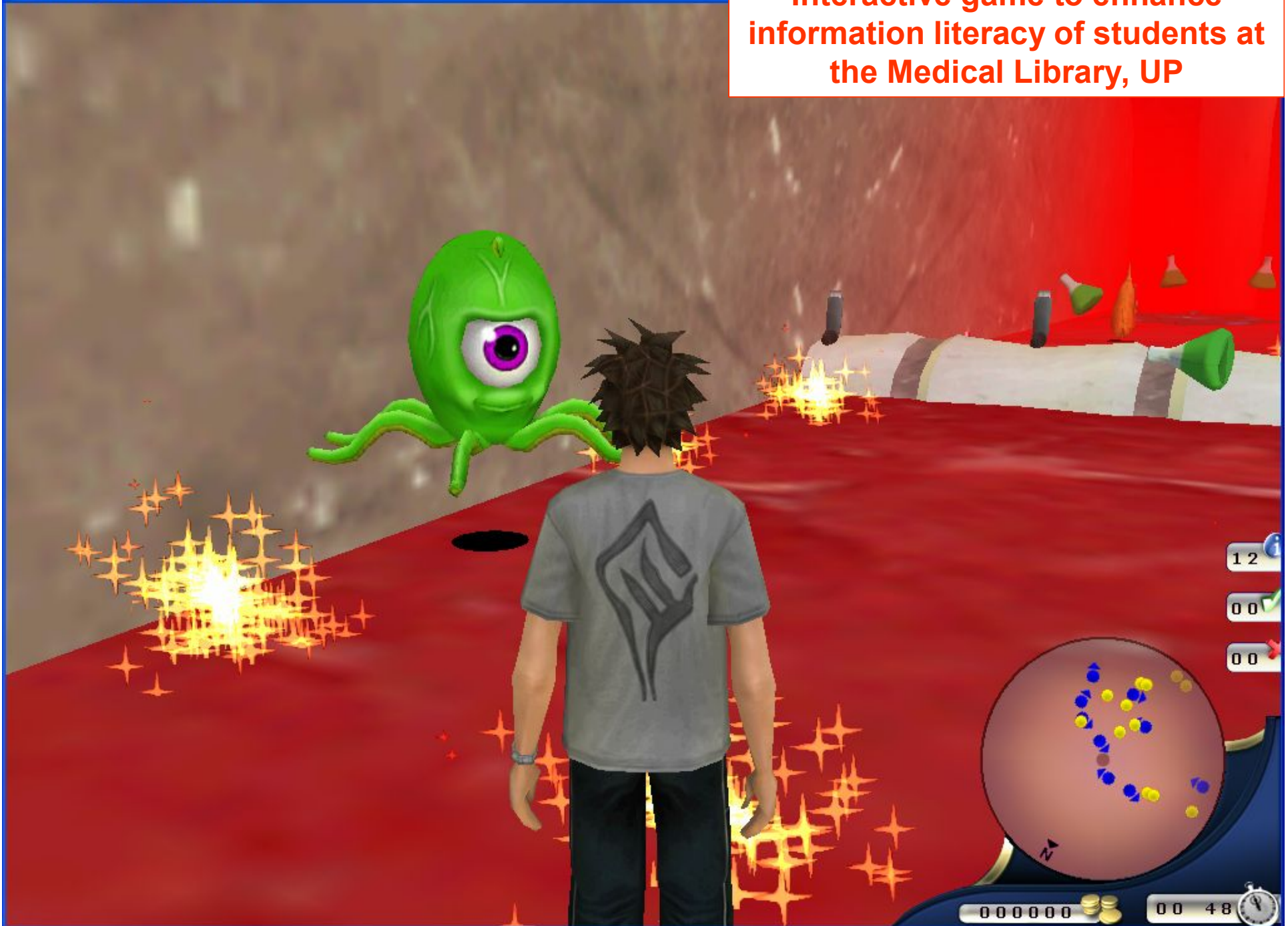
University of Pretoria
Department of Library Services
60 Minute Workshops 2008

Date	Theme	Facilitator
23 Jan.	Online Gaming	Bettie de Kock
30 Jan.	Turnitin	Dolf Jordaan/ Lynette Nagel
31 Jan.	Library 2 (Facebook, Blogger, Flickr, YouTube)	Christelle Steyn & Ina Smith
6 Feb.	ClickUP	Christelle Steyn (& Hettie Groenewald)
11 Feb.	Library 2 (Facebook, Blogger, Flickr, YouTube)	Christelle Steyn & Ina Smith
20 Feb.	RefWorks I Main Campus	Antoinette Lourens
	RefWorks I Health Sciences	Antoinette Lourens
27 Feb.	RefWorks II Main Campus	Antoinette Lourens
	RefWorks II Health Sciences	Antoinette Lourens
5 March	UPSpace for Collection Managers & Collection Administrators	Ina Smith
11 March	RefWorks I Vet Sciences	Antoinette Lourens
12 March	Google Talk & Instant Messaging	Christelle Steyn & Janice de Wee
13 March	RefWorks II Vet Sciences	Antoinette Lourens
17 March	YouTube Vet Sciences	Christelle Steyn
18 March	Scopus Vet Sciences	Antoinette Lourens
19 March	Google Page Creator	Christelle Steyn & Janice de Wee

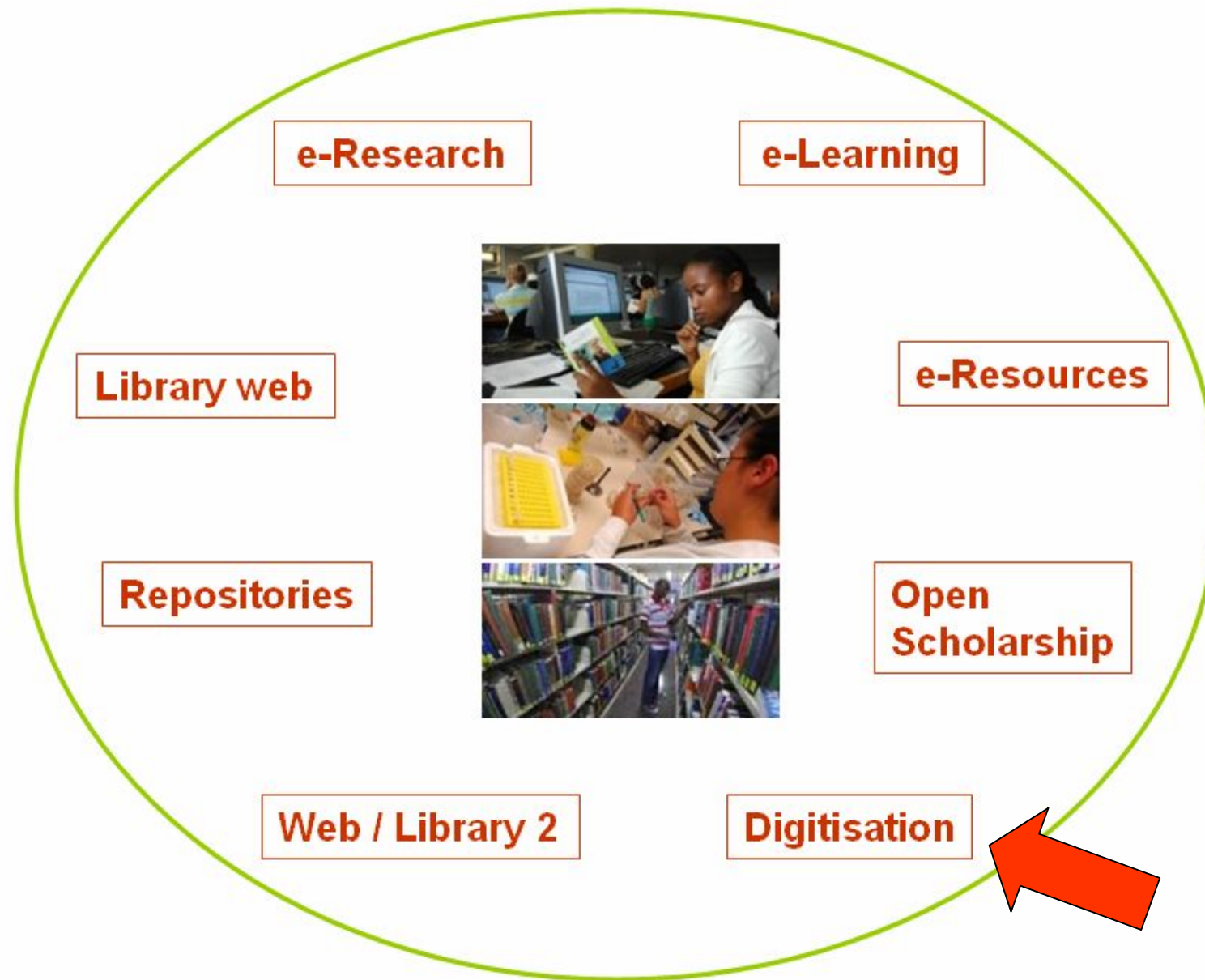
**Interactive game to enhance
information literacy of students
(Bettie de Kock)**



Interactive game to enhance information literacy of students at the Medical Library, UP



e-Environment for Scholarship

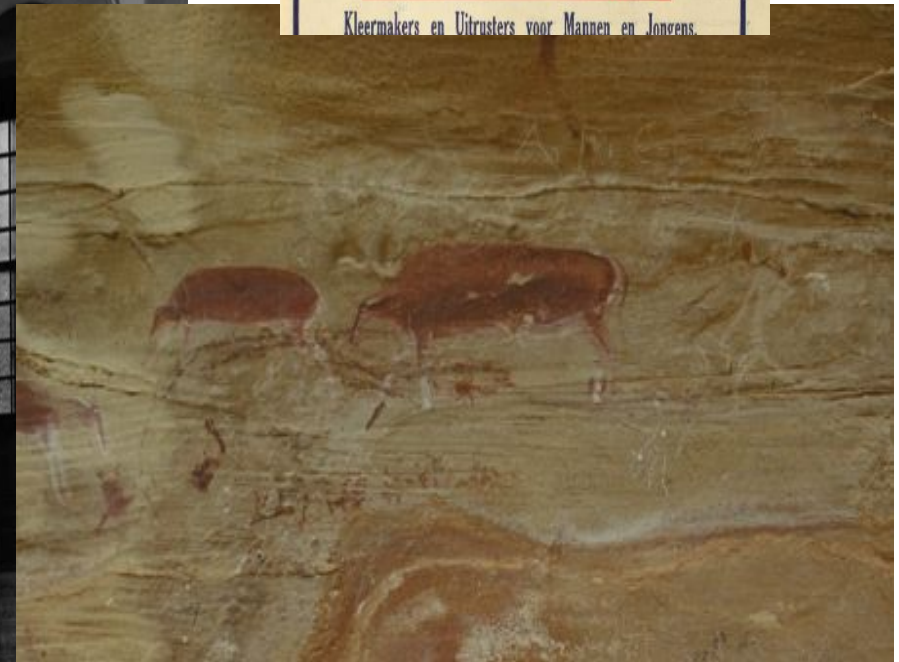
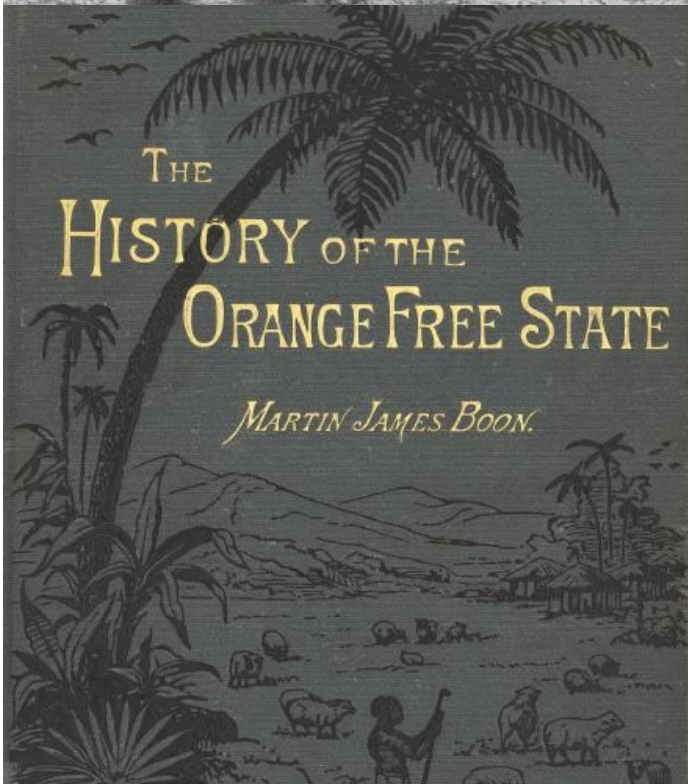
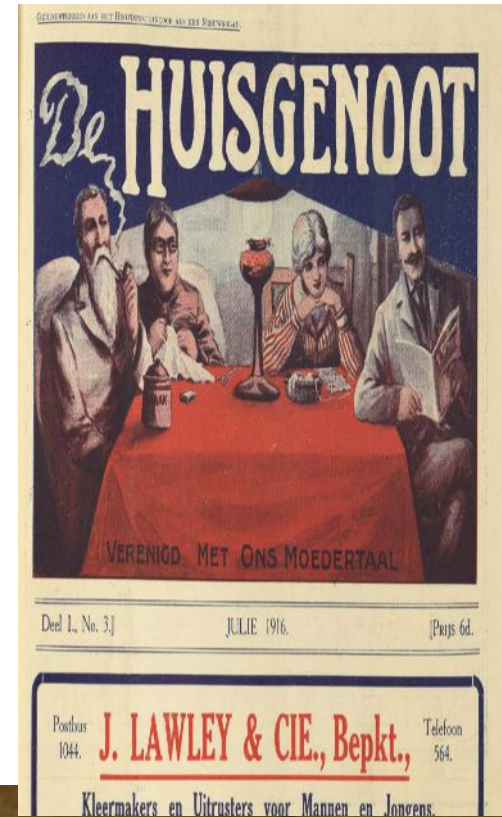


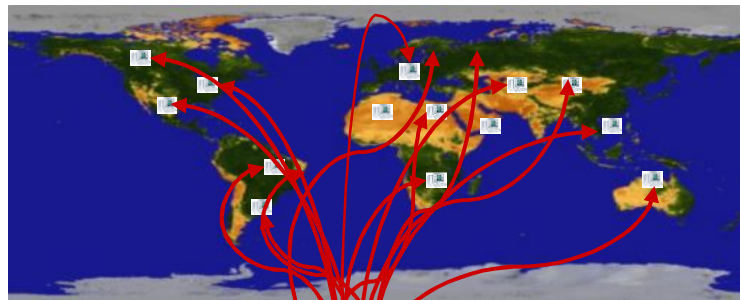
Digitisation

(Ria Groenewald)

- Create physical space for the digitisation centre
- Identify and train an understudy for the digitisation expert
- Investigate digitisation workflow
- Develop system of priorities and co-ordination
- Implement Media24 arrangement
- Implement software and platform for digitised books
- Development of digital preservation strategy

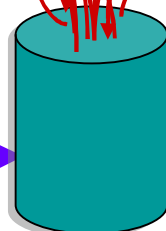
Examples





QA ----- QA

Metadata Editor



Unique URI created for object

UPSpace I R

QA ----- QA

Send to submitters via

- email
- external hard drive
- Dvd/CD/Flashdrive
- internal server



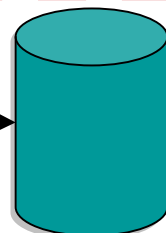
Reviewer

UPSpace I R

QA ----- QA

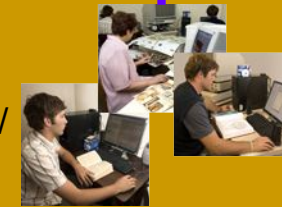


• Scan directly to archival server

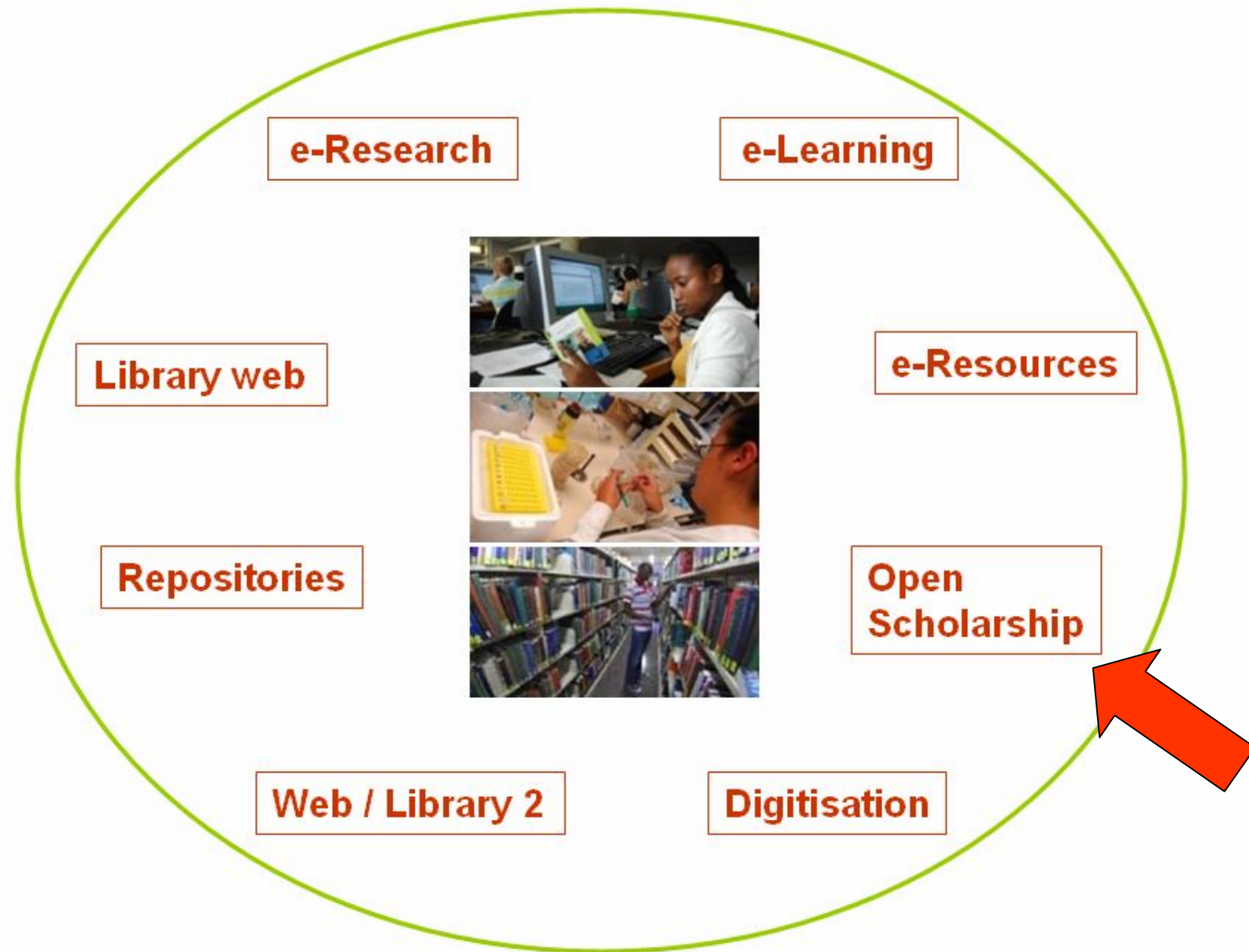


Archival server

- Copy from AS
- Quality Control
- Deskew/cleaning/derivating/filter
- Safe webready
- Final QC + Storage



e-Environment for Scholarship



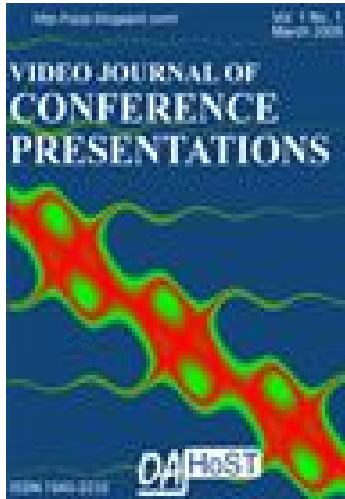
Open Scholarship

(Monica Hammes)

- To develop and implement a strategy in order to change UP to an Open Scholarship institution
- Integrate list of accredited journals with list of journals that support open access

Open Scholarship

- Libraries Can Provide **Enhanced Access** to OA Works
- Libraries Can Be **Digital Publishers** of OA Works
- Libraries Can **Build Specialized OA Systems**
- Libraries Can **Digitize** OA Versions of Out-of-Copyright Works
- Libraries Can **Preserve** OA Materials
- Libraries Can **Subsidize Author Fees**

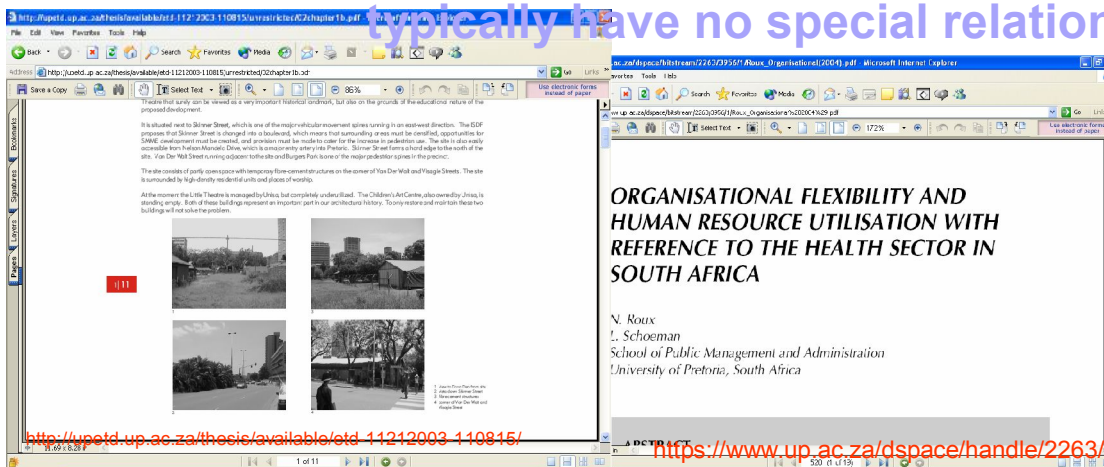


<http://vjcp.blogspot.com/2007/10/blog-post.html>

“The identification of desirable OA materials is more challenging than the identification of conventional electronic materials because there are a large number of potential suppliers, not a limited number of commercial vendors, and these suppliers typically have no special relationship to the library.”

Open Access & Libraries

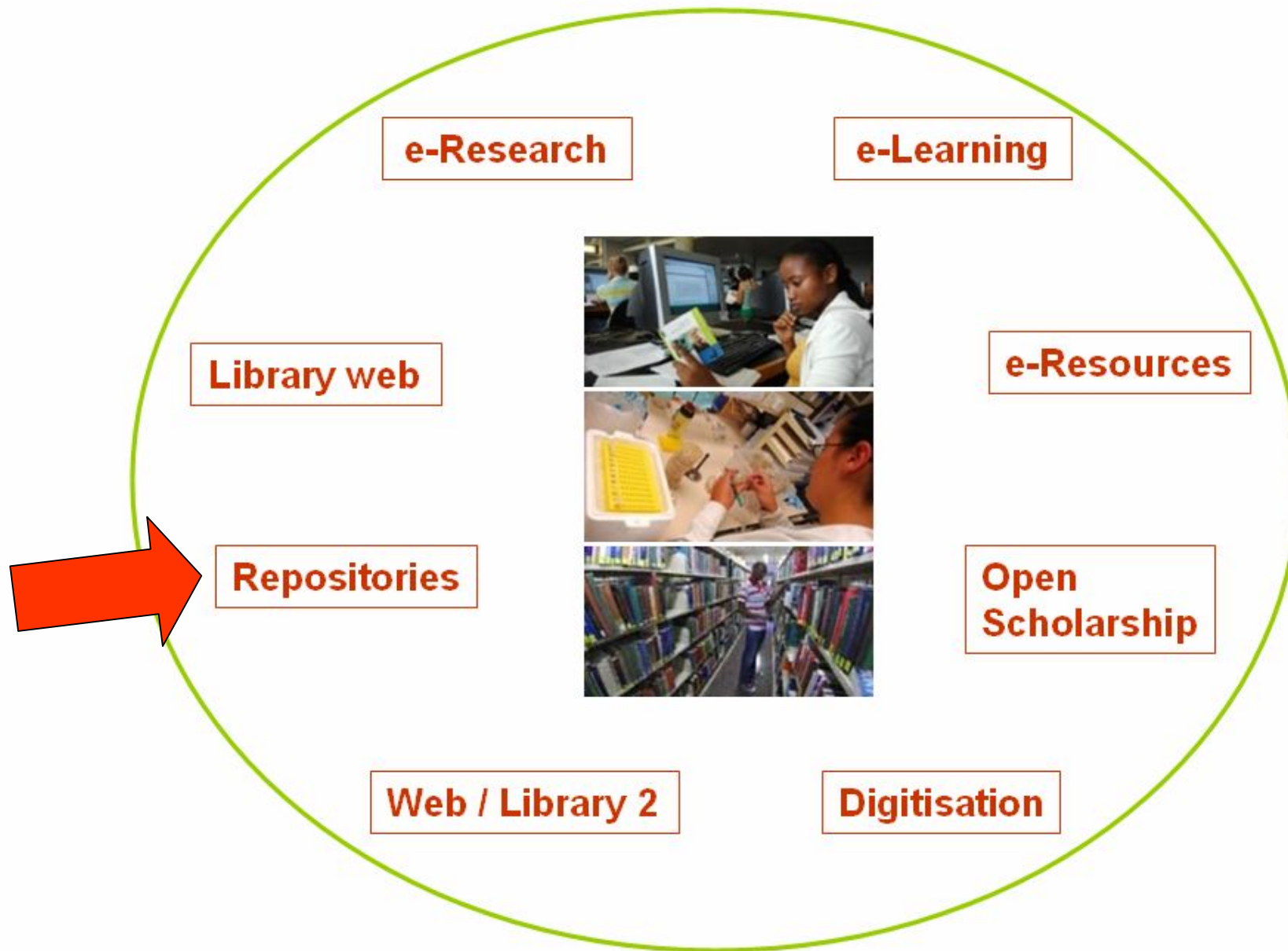
<http://www.escholarlypub.com/cwb/OALibraries2.pdf>



<http://upotd.up.ac.za/thesis/available/etd-11212003-110815/>

<https://www.up.ac.za/dspace/handle/2263/3956>

e-Environment for Scholarship



Repositories

(Ina Smith)

- Investigate the possibility that UPSpace can handle the preservation of research data
- Develop guidelines for a trusted repository
- Investigate the migration of the UPeTD collection to the DSpace platform and to integrate it with UPSpace in collaboration with the Open Scholarship team

Repositories

UPSpace at the University of Pretoria: Home - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <https://www.up.ac.za/dspace/>

UPSpace

University of Pretoria

UPSpace at the University of Pretoria >

Welcome to UPSpace, the open access digital research repository of the University of Pretoria!

Items archived since January 2006: 4 786

In the news
Most recent collections added:

- [Eduvate 2008 Conference Papers](#)
- [ISO Workshop on Address Standards \(Computer Science\)](#)

Use UPSpace to access **research articles** from the [research reports](#), **collections donated** to UP, as well as other kinds of research material (technical papers, dissertations, conference papers and many more) - **all in full text!**

Inquiries: upspace@up.ac.za

Search

Enter some text in the box below to search UPSpace.

Search UPSpace

[Advanced Search](#)

[Home](#)

Browse

- [Communities & Collections](#)
- [Titles](#)
- [Authors](#)
- [By Date](#)

Sign on to:

- [Receive email updates](#)
- [My UPSpace](#) authorized users
- [Edit Profile](#)
- [Help](#)

IRSpace - Search all African IR's

[IRSpace](#)

Open Access Initiatives

- [DOAJ](#)
- [DRIVER](#)
- [eIFL SURFshare](#)
- [Google Book Search](#)
- [Google Scholar](#)
- [Journal Info \(Lund University\)](#)
- [OAISTER](#)
- [Open Archives Institute](#)
- [openDOAR](#)
- [ROAR](#)
- [Sabinet OA Journals](#)
- [SHERPA RoMEO](#)
- [Wikipedia](#)

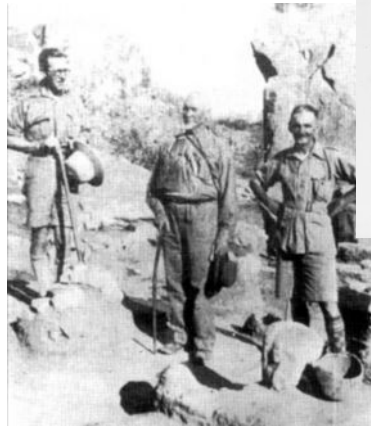
Become part of the UPSpace community

[Contact us](#) for more information or [apply for a new collection](#)

Submit an item to UPSpace

Local intranet

Examples UPSpace Content



ence of high energy proton bor tical and defect properties of si

F D Azzet¹, S A Goodman¹, M Huges², M J Lepold
and D C Look²

¹ Physics Department, University of Pretoria, Pretoria 0002, South
Africa; ² Semiconductor Research Center, Wright State University, Dayton
Materials and Manufacturing Directorate, Air Force Research Lab

Received 6 June 2008
Published 20 September 2008
Online at stacks.iop.org/JPhysCM/13/8989

Abstract
We report on the electrical and defect characteristics
formed on single-crystal ZnO, before and after
1.8 MeV protons. Prior to bombardment we observe
traps (E1–E4), with energies between 0.10 and 0.57
eV, are present in the ZnO. High-energy protons
two electron traps (Epl and Ept), with extremely
of 2.4 and 1.9 cm⁻¹, respectively. Schottky barrier
reverse leakage current deteriorated from 1 × 10⁻⁸ A
to 1 × 10⁻⁶ A after bombarding it with a dose of 4
Compared to GaN we found that ZnO is remarkably
proton bombardment.

semiconductor material with a high band gap, it
It finds application in phosphors, paints, piezoelec
conducting films, the latter being important for t
a recent review, where the properties of ZnO are s
used for several other, more sophisticated, electro-
ZnO has an experimental direct band gap of 3.4 eV;
blue and ultra-violet (UV) light emitting devices, as
as daylight-blind UV detectors, as in the case for
we, the large band gap of ZnO renders it suitable for the fabrication of solar
and as a substrate or buffer layer for the group III nitride based devices. For
low, these devices often have to operate at elevated temperatures, typically
a harsh radiation conditions comprising energetic particles. Further practical

©University of Pretoria - Veterinary Science:
Department Anatomy and Physiology



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA



Institutional Repository Workshop

1 - 3 October 2008, University of Pretoria



- Home
- About Repositories
- Programme
- Registration
- Accommodation
- Travelling
- Sight-seeing
- Contact

- More info ...**
- About this Workshop
 - Target Group
 - Expected Outcomes
 - Hands-on Activities
 - Training Material
 - Follow-up support/ Consultation
 - Register here
 - Workshop Fees
 - About the Facilitators
 - Workshop Feedback
 - Acknowledgements

Institutional Repository Workshop

1 - 3 October 2008

University of Pretoria, Lynnwood Road, Pretoria, Gauteng, South Africa
Venue: Orange Lab, Informatorium Building 67 (Campus Map - Directions to Univ. of PTA)
This is a wheelchair-friendly venue

[Register here](#)

Detailed Program
Program in PDF - Detailed Program

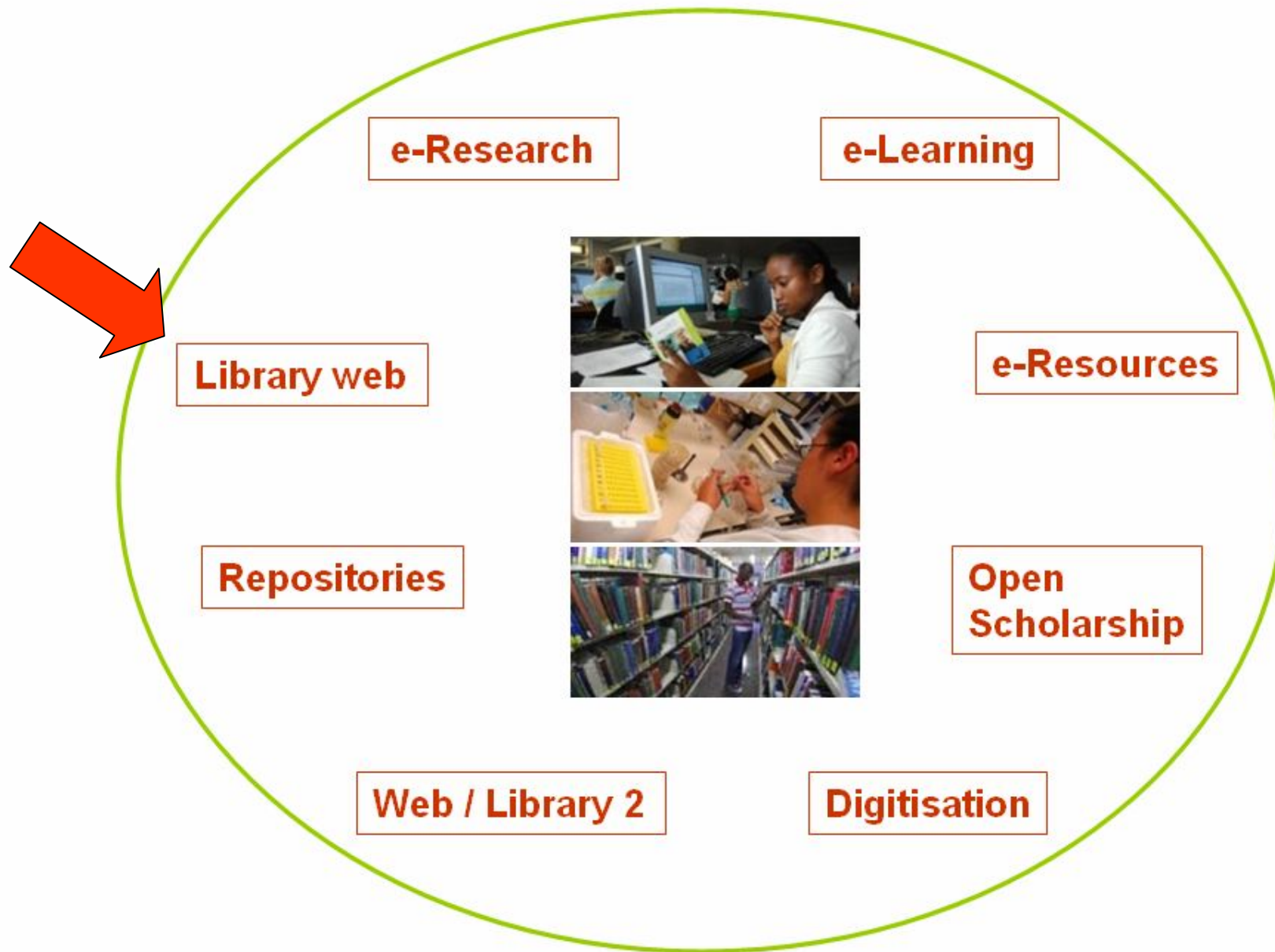
Day 1 - Wednesday 1 October 2008		
07:30 - 08:30	Registration	
08:30 - 08:45	Welcome	Dr Heila Pienaar
08:45 - 09:30	Formulating an e-Strategy for your institution/ library	Heila Pienaar
09:30 - 10:00	Introduction & current state of Institutional Repositories	Ina Smith
10:00 - 11:00	Planning your institutional repository	Heila Pienaar & Ina Smith
11:00 - 11:30	Refreshments	
11:30 - 12:00	Planning your institutional repository (cont.)	Heila Pienaar & Ina Smith

Repository Mailing List

Want to become a member of this mailing list? E-mail your request to ina.smith@up.ac.za

- Register your Repository**
- BASE Registry Watcher
 - DSpace
 - eIFL.net
 - Google Scholar
 - IRSpace
 - OAISTER
 - Open Archives Institute
 - openDOAR
 - ROAR
 - ScientificCommons
 - Scopus & Scirus
 - Wikipedia

e-Environment for Scholarship



Library web

(Monica Hammes / Christelle Steyn)

- Change look & feel of web as soon as UP web situation is stable
- Investigate functionality of web in view of UP implementation of Oracle / PeopleSoft e.g. the content management system and the portal software

Library web

Department of Library Services (Library) - University of Pretoria - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Print Mail News RSS

Address http://

Go Links >>

UP Home

Home About the Library Services/Facilities E-Resources Journals Catalogue Training Contact

University of Pretoria

"The library is the temple of learning, and learning has liberated more people than all the wars in history."
- Carl T. Rowan -

Home

News ... [Library Hours - View](#)

- **Library Hours from 24 November 2007:** Mon, Wed, Thu, Fri: 7:30 - 16:00; Tue: 8:30 - 16:00; Sat: 8:30 - 13:00
23 November 2007: 7:30 - 12:00
- Access **exam papers** from previous years according to the Course Code or Department
- Veterinary Sciences Library - Celebrating 20 years in the Sir Arnold Theiler building
- **Do you have a special story to tell re your library experiences pre-1994?** Please share it with us by forwarding it to Prof Archie Dick or Tel.: 012 420 2294
- **1st African Digital Management and Curation Conference and Workshop** 12 & 13 February 2008
Preliminary programme and more
- **Library name change** as from January 2008. [Read more](#)

Displays/ Exhibits

- Special Collections **Book of the Month for November 2007:** Fritz Eloff: 'n Man tussen die leeus ... 'n leeu tussen die manne / Jan Roderigues

Have you read this book? Please send us your comments.

Faculty Libraries
Special Collections
Teaching Support
Research Support
Learning Support
Copyright & Plagiarism
Referencing Techniques

Google Scholar BETA
About Google Scholar™

How do I ...?

Quick links to:


My Library Space

- Ask a Librarian
- My Library Record
- View & Renew Material
- UPSpace
- Interlending: Requests - Info
- clickUP (Students Online)
- Lecturers Online
- UP Portal

Library Intranet (*Staff Only*)

Web/ Library 2.0 Tools

[Click here for a list of Web/ Library 2.0 Tools](#)



University of Pretoria

Research Support Home

Financial Support

- University of Pretoria
- NRF
- Other

Your Library Membership

- UP Library
- Other Libraries

Services to postgraduates


- Accredited journals
- Journal Abbreviations
- Literature Searches
- Literature Alerts
- Referencing
- Refworks
- ISI Web of Knowledge
- Training
- Interlending
- Study Facilities

Your Proposal & Thesis/ Dissertation

- Research Title
- Research Tools
- Ethics
- Information Resources
- Information Organising
- Statistical Support

Department of Library Services UP Home

Home **About the Library** **Services/Facilities** **E-Resources** **Journals** **Catalogue** **Training** **Contact**



[Home](#) >> [Research Support](#)

Welcome to the postgraduate research support web!

Through this web we would like to address the specific research needs of our postgraduates and researchers at the University of Pretoria. We would like to strengthen the research capacity at the University of Pretoria by:


- Bringing "global" information to researchers
- Stimulating and supporting the publication and dissemination of UP research findings
- Providing information and communication skills training for researchers

What's new?

- NRF Facts and Figures 2007
- ENGAGE in Research

E-Resources

- Faculty Libraries
- Special Collections
- Teaching Support
- Research Support
- Learning Support
- Copyright & Plagiarism
- Referencing Techniques



About GoogleScholar™

How do I ...?

Quick links to:


My Library Space

- Ask a Librarian
- My Library Record
- View & Renew Material
- UPSpace
- Interlending: Requests - Info
- clickUP (Students Online)
- Lecturers Online
- UP Portal

Library Intranet *(Staff Only)*

Web/ Library 2.0 Tools

[Click here for a list of Web/ Library 2.0 Tools](#)



University of Pretoria

Teaching Support Home

Copyright Clearance Applications
Books
Journal articles

Study Collection
E-Reserves
Printed Reserves (Books)
Class Notes


Exam Papers
Interlending

Membership
UP Library
Other Libraries

Photocopies
Publishers
Ordering of Material
Reservation of Material

Prescribed/recommended books
Policy and form


Department of Library Services UP Home

Home	About the Library	Services/Facilities	E-Resources	Journals	Catalogue	Training	Contact
			→ Faculty Libraries				
			→ Special Collections				
			→ Teaching Support				
			→ Research Support				
			→ Learning Support				
			→ Copyright & Plagiarism				
			→ Referencing Techniques				

[Home](#) >> [Teaching Support](#)

Welcome to the lecturer support web at the library!

The library offers a client-focused service to lecturers of the University of Pretoria. Please contact your information specialist with regard to any inquiries you may have.



About GoogleScholar™

How do I ...?

Quick links to:

My Library Space

Ask a Librarian
My Library Record
View & Renew Material
UPSpace
Interlending: Requests - Info
clickUP (Students Online)
Lecturers Online
UP Portal

Library Intranet *(Staff Only)*

Web/ Library 2.0 Tools

[Click here for a list of Web/ Library 2.0 Tools](#)

View Web Statistics

New library web site under construction



Department of Library Services

About the Library | **Faculty Libraries / Units** | **E-Resources** | **Journals** | **Catalogue** | **Contact**

Text Size: A A A

Library Home

BOOKMARK

Calendar

August 2008						
S	M	T	W	T	F	S
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6
7	8	9	10	11	12	13

Gadgets powered by Google

Chat with the Webmaster
Available

Green indicates that the webmaster is available for web inquiries

Search

Google Scholar

Wikipedia

English

Click to Search

- Quick Links**
- Teaching Support
 - Research Support
 - Learning Support
 - Copyright & Plagiarism
 - Referencing Techniques
 - How do I ...?

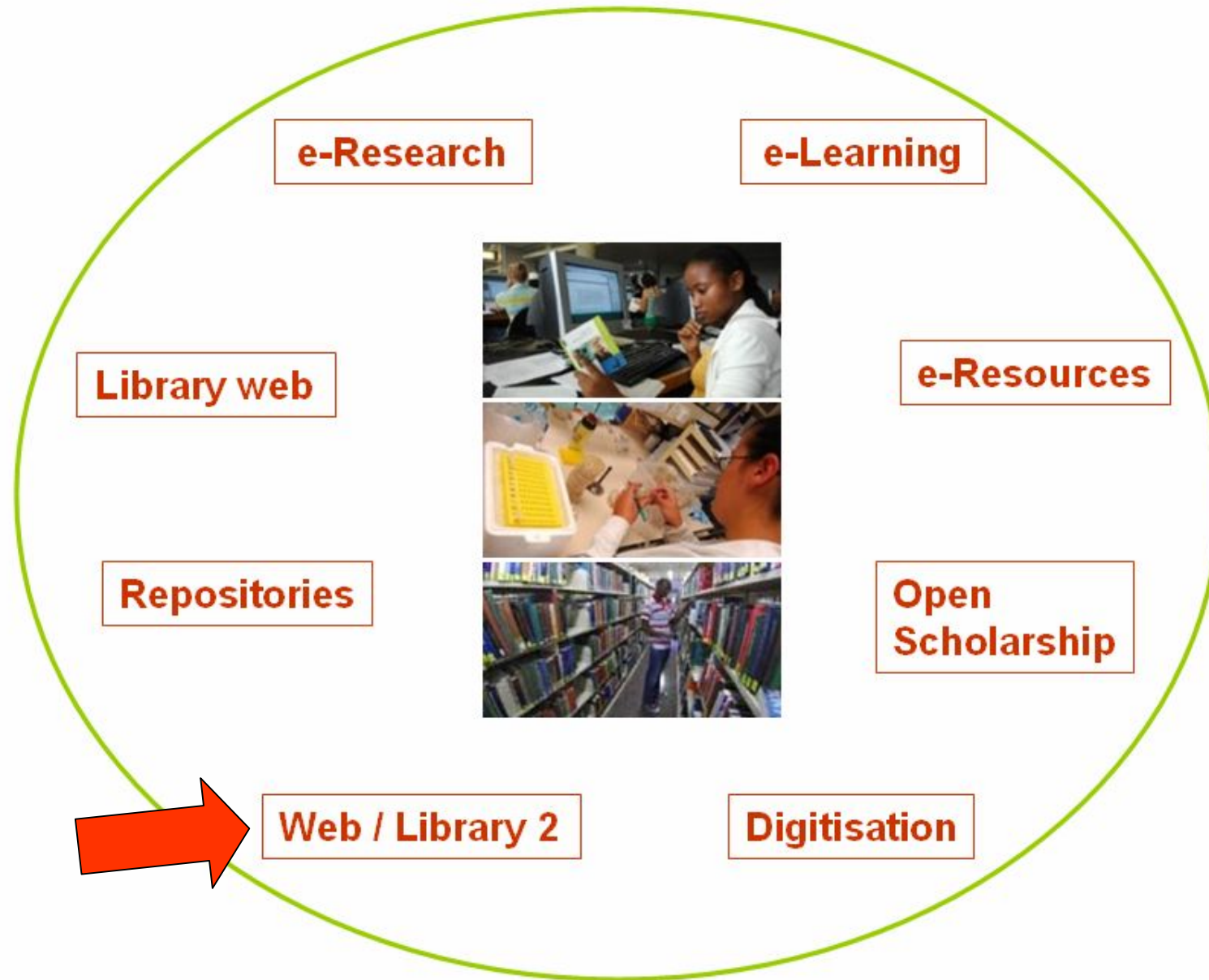
- My Library Space**
- Ask a Librarian
 - My Library Record
 - Interlending Info - Requests
 - clickUP (Students Online)
 - Lecturers Online
 - UP Portal

News and Announcements

- Visit our brand new Library Facebook profile!
- Special Collections - Book of the month July 2008
- Trials (e-books, e-journals, e-databases)
- New Journal Titles

Library Intranet (Staff Only)

e-Environment for Scholarship



Web / Library 2

(Heila Pienaar)

- Develop a Web / Library 2 strategy & implementation plan
- Enhance the clients' e-Environment with Library 2 services and products (“go where the users are”) / Invite clients to participate in library content / Increase engagement of library staff on social sites
- “Increasing staff engagement on social sites should be included in every library’s strategic plan”; “By inviting participation, the connection between the user and the library, changes. And so do the perceptions.” OCLC Report. 2007. Sharing, Privacy and Trust in Our Networked World. <http://www.oclc.org/reports/sharing/default.htm>

Implementation design

- Step 1: Workshop with 15-20 library colleagues 15 Jan
- Step 2: Training sessions on Facebook, Flickr, YouTube & Blogger for library staff 31 January
- Step 3: Survey of library applications end March
- Step 4: Second training session August?
- Step 5: Demo session September / October
- Step 6: Evaluation of impact on academics & students October

UPSpace Metadata Training - Microsoft Internet Explorer

Address: http://metadatatraining.blogspot.com/

UPSPACE METADATA TRAINING

NEWS AND UPDATES ON THE DUBLIN CORE METADATA TRAINING FOR UPSPACE, THE INSTITUTIONAL REPOSITORY OF THE UNIVERSITY OF PRETORIA, AND TRAINING SCHEDULED FOR OTHER INSTITUTIONS.

TUESDAY, APRIL 1, 2008

Metadata training April 17, 2008, UNISA

JOIN A METADATA MAILING LISTS

Metadata librarians e-mail list
group e-mail list

FOR CREATING

Metadata training April 9, 2008 CSIR

Training for CSIR personnel scheduled for April 9th, 2008 in the Blue Room, Dept of Library Services, Merensky

POSTED BY AMELIA BREYENBACH AT 12:54 AM

ENCODING SCHEMAS

DCMI Type Vocabulary
DMT: Internet Media Types (MIME)
TSO: 44 (Country codes)

Blogger: UPSpace metadata training

Johann Van Wyk | Facebook - Microsoft Internet Explorer

Address: http://www.facebook.com/pe

facebook

Email:
Password:
 Remember me

[Forgot Password?](#)

Everyone Can Join

Here are some of Johann's friends on Facebook...

Katrien Malan
Hilda Kriel
Hendriette Jansen Van Vuuren
Hella Pienaar
Ina Smith

Poke
[View Friends](#)
[Add as Friend](#)

Facebook © 2008
[Advertisers](#) [Businesses](#) [Developers](#) [About Facebook](#) [Terms](#) [Privacy](#) [Help](#)

Facebook: Information specialists available in the student environment

Done

Address: http://www.flickr.com/photos/veterinary_library/sets/72157604150727653/

flickr

You are signed in | [Sign In](#) | [Help](#)

[Sign Up](#) | [Explore](#)

Search Veterinary Science Library |

20 Years in the Arnold Theiler Building

[View as slideshow](#)

The Veterinary Science Library celebrated 20 years in the Arnold Theiler Building on the Onderstepoort Campus of the University of Pretoria


25 photos | 16 views

Items are from 18 Oct 2007.

Internet

YouTube - Department Library Services University of ...

Department Library Services University of Pretoria



From: **UPLibrary**
Joined: 3 months ago
Videos: 5

Added: **June 09, 2008** ([More info](#))
Library DVD

Embed:
<object width="425" height="344"><param name="m

More From: UPLibrary

Related Videos

Information R/evolution
05:28 From: mwesch
Views: 296,700

YouTube channel for UP Library
<http://www.youtube.com/watch?v=Sy0f-qHSHM4>

Business Facebook for UP Library

<http://www.facebook.com/pages/Pretoria-South-Africa/UP-Library-Services/34563526704>

facebook

Search

Applications edit

- Photos
- Groups
- Events
- Marketplace
- Video
- PubMed Search

more

UP Library Services

Browse more Places



Location: Department of Library Services, University of Pretoria
 Pretoria, South Africa, 0002

Phone: +27 12 420 3007

Mon: 7:30 am - 9:00 pm
 Tues: 8:30 am - 9:00 pm
 Wed - Fri: 7:30 am - 9:00 pm
 Sat: 8:30 am - 1:00 pm

Information

Website: <http://www.library.up.ac.za>
 General Information: The largest residential University Library in South Africa

Discussion Board

Displaying 1 discussion topic [See All](#)

What is your view of our Library?

1 post by 1 person. Updated 21 hours ago.

Mini-Feed

Displaying 5 stories [See All](#)

Become a Fan

Share +

Beeld Nuusflitse

Beeld

- Ál meer van SA na Australië
 Ál meer Suid-Afrikaners emigreer na Australië en ál meer Suid-Afrikaners van alle rasse wil emigreer.
- Bel my met jul probleme, sê Zuma aan arm wit mense
 Mnr. Jacob Zuma het aan sowat 1 000 arm wit mense in Pretoria gesê hulle kan hom bel as hulle nie dienslewering ontvang nie.
- Kyk na foto's.
- Man skiet glo buurvrou uit jaloesie
 Jaloesie is waarskynlik die rede waarom hy glo sy buurvrou doodgeskiet het. Polisielede het later op die gewonde buurman afgekom. Hy het homself in die ken geskiet.
- Sangeres op N1 oorval ná pap wiel



Second Life experiment



Second Life Library

Island 109, 58, 34 (Mature) - Second Life Library/Info Island

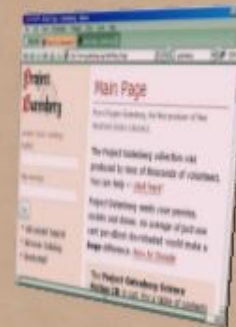
3:16 AM PDT

L\$0

Search



Digital Collections



Digital Collections:
Municipal
touch for web dialog

Mauve.Pinklady
Some Online
Digital Collections



Local Chat

Say

Gestures

Communicate

Fly

Snapshot

Search

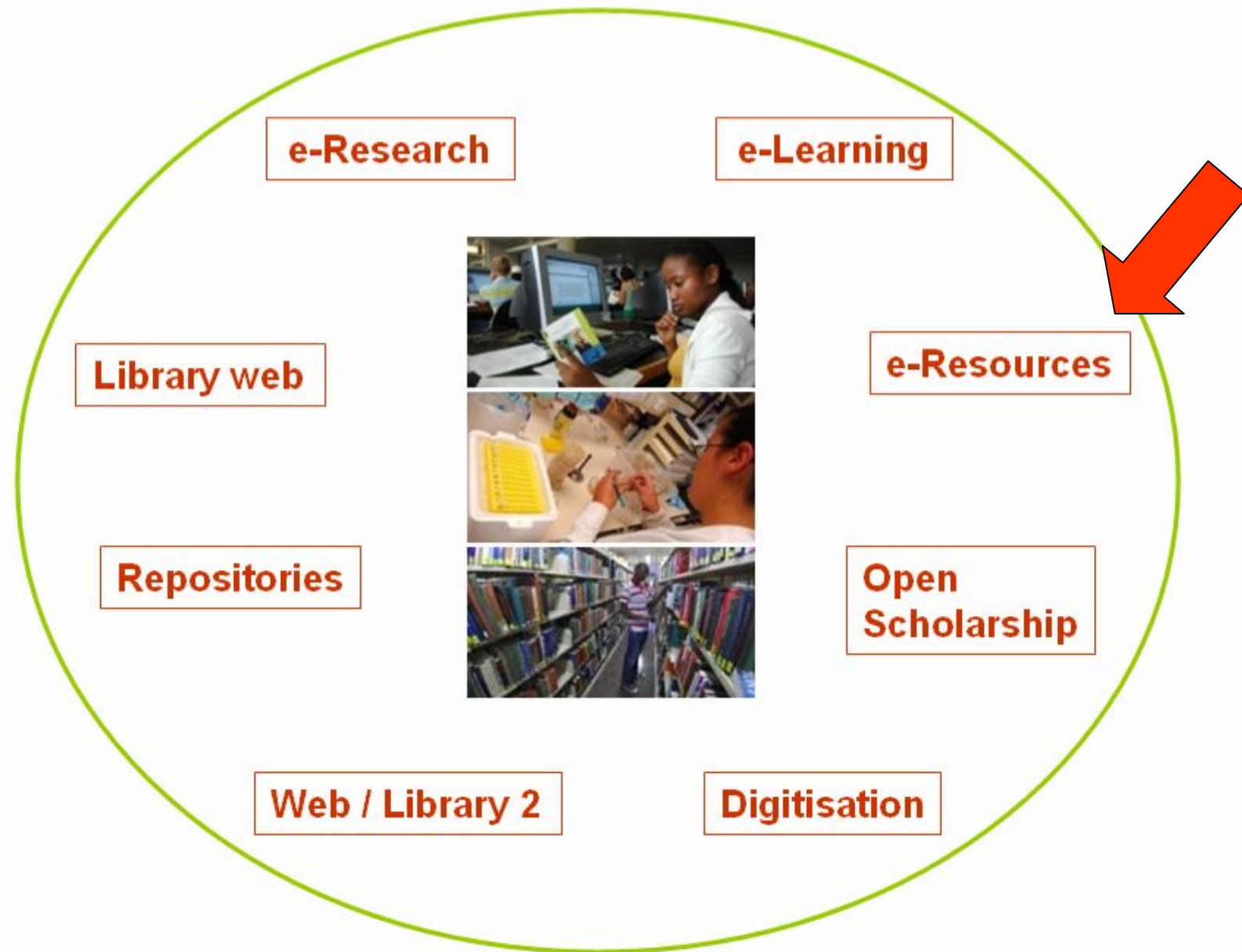
Build

Mini-Map

Map

Inventory

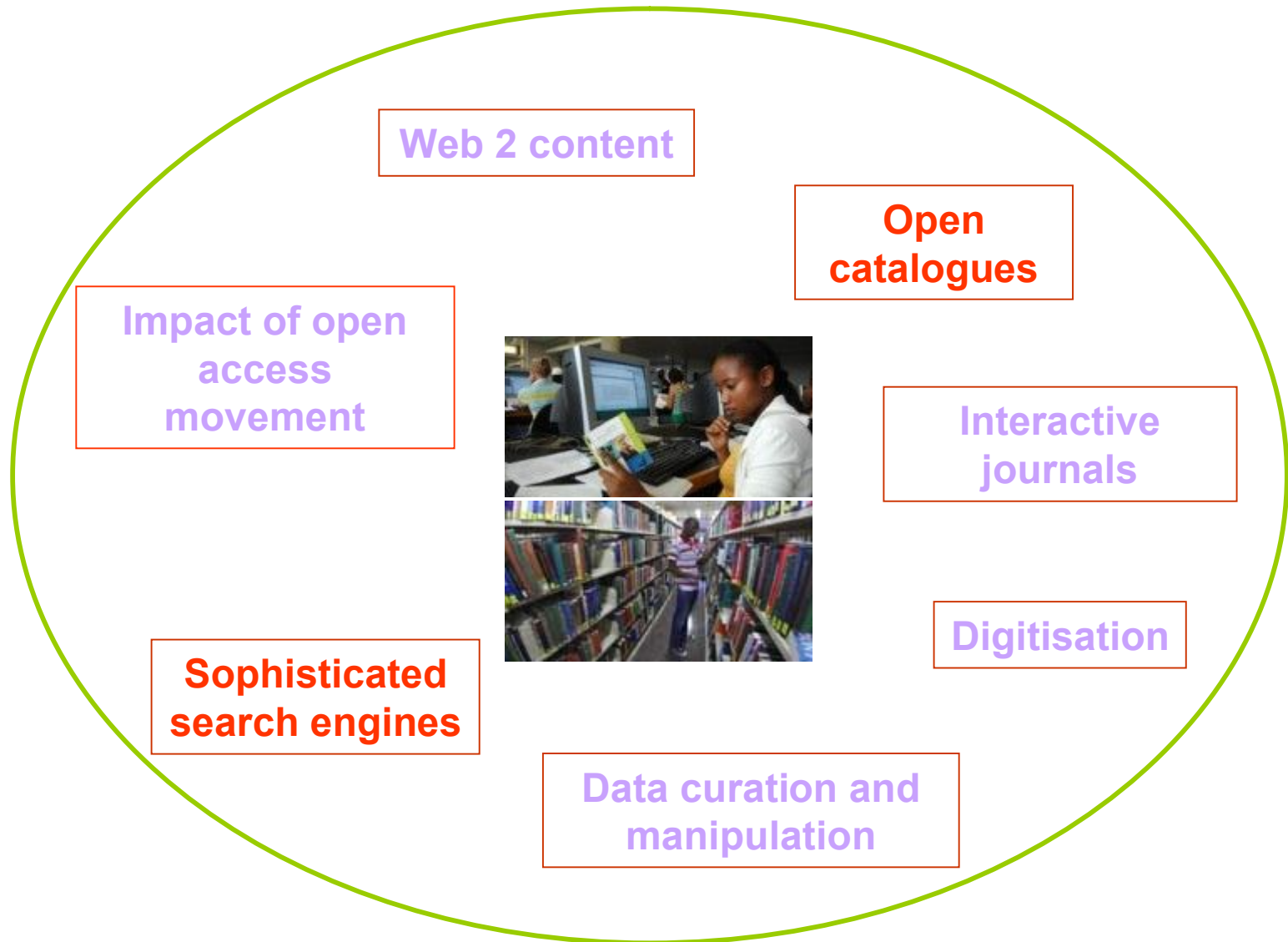
e-Environment for Scholarship



e-Resources, global search engine & catalogue (Soekie Swanepoel)

- Develop a strategy to make these resources part of the clients' e-environment
- Integrate these resources into interactive interfaces

e-Resources



Open catalogues

...a product of the people: letting them create and curate its catalog, contribute to its content, participate in its governance, and have full, free access to its data. In an era where library data and Internet databases are being run by money-seeking companies behind closed doors, it's more important than ever to be open

would link to places where each book could be bought, borrowed, or downloaded. It would collect reviews and references and discussions and every other piece of data about the book it could get its hands on.

But most importantly, such a library must be fully open. Not simply "free to the people," as the grand banner across the Carnegie Library of Pittsburgh proclaims, but a product of the people: letting them create and curate its catalog, contribute to its content, participate in its governance, and have full, free access to its data. In an era where library data and Internet databases are being run by money-seeking companies behind closed doors, it's more important than ever to be open.

Sophisticated search engines

Proponents of AI techniques say that one day people will be able to search for the plot of a novel, or list all the politicians who said something negative about the environment in the last five years, or find out where to buy an umbrella just spotted on the street. Techniques in AI such as **natural language**, **object recognition** and **statistical machine learning** will begin to stoke the imagination of Web searchers once again.

http://www.news.com/Spying-an-intelligent-search-engine/2100-1032_3-6107048.html

The image shows two overlapping browser windows. The top window is a Google Scholar search for 'knowledge management', displaying several academic articles with their titles, authors, and publication details. The bottom window is a library search interface for 'knowledge management', showing a list of search results with titles, authors, and publication years. The library interface includes a search bar, a 'Refine by' section, and a list of search results with options to view table of contents or connect to the full text.

Google Scholar Search Results:

- 1000q The knowledge management toolkit: practical techniques for business systems
A Twena - 2000 - Prentice Hall PTR Upper Saddle River, NJ, USA
Cited by 389 - Related Articles - Web Search - Library Search
- 1001j Building Successful Knowledge Management Projects - all 5 years
TH Davenport, DW De Long, MC Beers - Managing the Knowledge of the Organization ... As knowledge management transitions from concept to practice, attention has to be paid to the ways in which practitioners can operationalize the growing body of ...
Cited by 801 - Related Articles - View as HTML - Web Search
- 1000q Intellectual capital: the new wealth of organizations
TA Stewart - 1997 - Doubleday New York, NY, USA
Cited by 1153 - Related Articles - Web Search - Library Search
- 1000q Enabling Knowledge Creation: New Tools for Unlocking the Mysteries of Tacit Understanding ...
O Von Krogh, I Nonaka, K Ichijo - 2000 - Oxford University Press
... Enabling Knowledge Creation: New Tools for Unlocking the Mysteries of Tacit Understanding ...
Cited by 582 - Related Articles - Web Search - Library Search
- A Model of Knowledge Management and the M-Form Corporation - 5 versions
G Hedlund - Strategic Management Journal, 1994 - JSTOR
A Model of Knowledge Management and the M-Form Corporation - 5 versions

Library Search Results:

Search: knowledge management

Advanced Search

MICHIGAN STATE UNIVERSITY
encore
LIBRARIES

Provide Feedback
Intro to Encore
Your library account

Recently Added:

Other Sources:

me
(Show 2471 results)

Refine by Tag:

database management
electronic books
electronic commerce
expert systems
industrial management
information resources management
information

Searched: knowledge management (1- 25 of 1217)

Sorted by Relevance | Title | Date

1 2 3 4 5 next

FORMAT

PRINTED MATERIAL (1138)
ELECTRONIC RESOURCE (59)

MANUSCRIPT (17)
AUDIO RECORD (2)
MUSICAL RECORD (1)

COLLECTION

Biomed Phys Sci Lib (1)
Digital/Media Center (7)
Business Library (322)
Electronic Resources (91)
Engineering Library (40)

more

LANGUAGE

English (1212)
French (5)
Swedish (1)
Undetermined (1)

PUBLISH DATE

2008 (1)
2007 (49)
2006 (981)

Knowledge management in the public sector : a blueprint for innovation in government
McNabb, David E.
Armonk, N.Y. : M.E. Sharpe, c2007 [2006]
CHECK SHELF - MSU BUSINESS LIBRARY - HD30.2 .M398 2006
Connect to: Table of contents only - All users

Cross-cultural perspectives on knowledge management
Westport, Conn. : Libraries Unlimited, 2007.
CHECK SHELF - MSU BUSINESS LIBRARY - HD30.2 .C78 2007
Connect to: Table of contents only - All users

Appreciative inquiry and knowledge management : a social constructionist perspective
Thatchenkery, Tojo Joseph.
Cheltenham, UK ; Northampton, MA : Edward Elgar, c2007.
CHECK SHELF - MSU BUSINESS LIBRARY - HD58.82 .T48 2007
Connect to: Table of contents only - All users



Governance

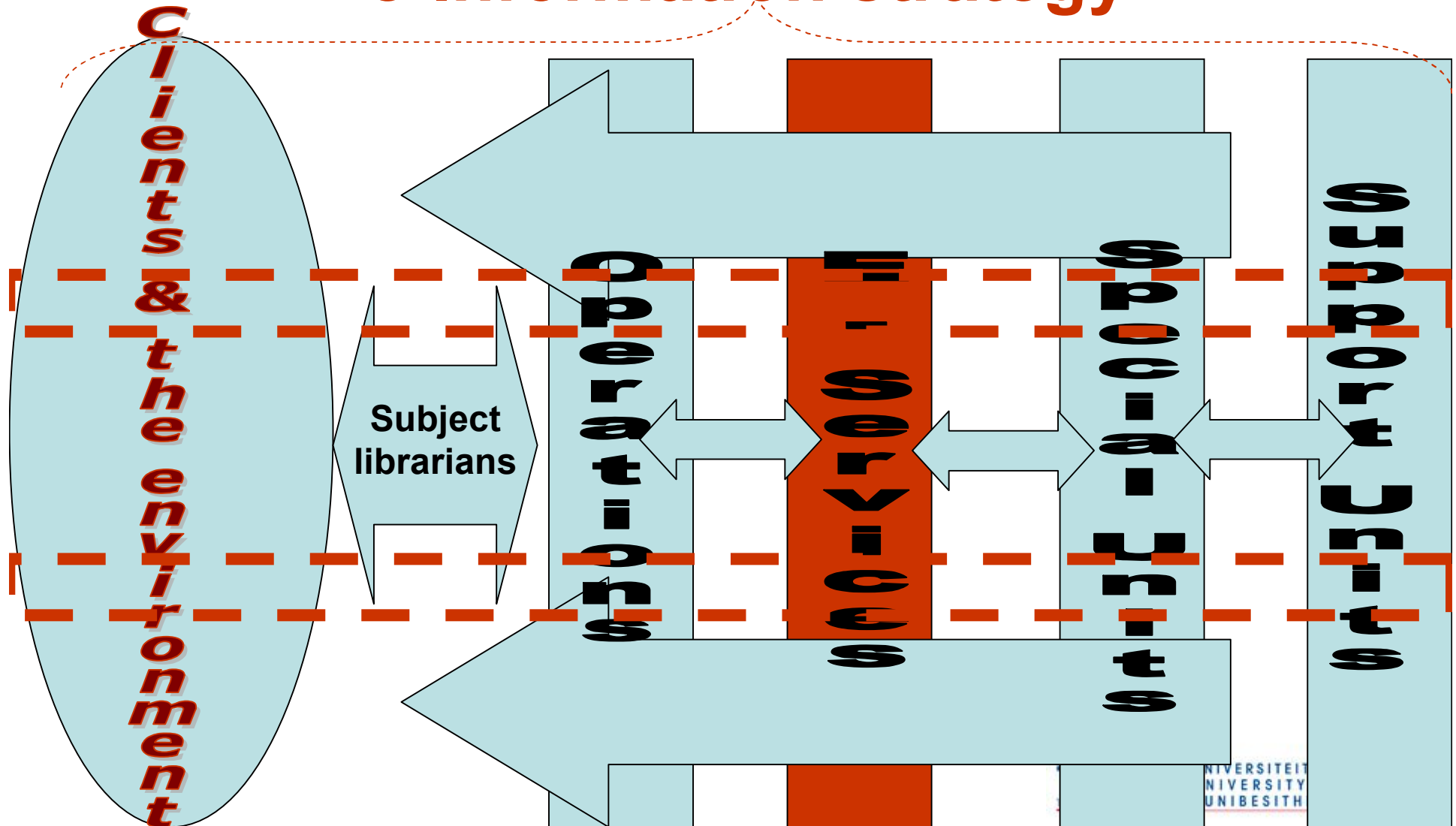
CYBER-REVOLUTION.ORG

Library Structure

e-Information strategy

Matrix (project / process) teams

<http://www.hrmreport.com/pastissue/article.asp?art=268478&issue=172>



Governance

- **Deputy-director**: e-Information Strategy & e-Research Enablement is responsible for the development & implementation of the strategy
- **e-Service unit** is responsible for the research, development, implementation & maintenance of e-products & services that support the strategy
- **e-Steering committees (matrix teams)** are responsible for co-ordination and development of their respective areas

e-Steering committees

- Library e-Service steering committee: Heila Pienaar
- e-Research steering committee: Heila Pienaar
- e-Learning steering committee: Ina Smith
- Digitisation steering committee: Ria Groenewald
- Open Scholarship steering committee: Monica Hammes
- Repositories steering committee: Ina Smith
- Library web steering committee: Monica Hammes
- Web / Library 2 steering committee: Heila Pienaar
- e-Resources steering committee: Soekie Swanepoel

Roles & responsibilities of steering committees

- Chairs are responsible for the **establishment** of their steering committees
- Steering committees are responsible for their own strategic & implementation **plans**
- Steering committees to **co-ordinate** with one another
- Steering committees to discuss **progress** etc with the e-Service steering committee on a regular basis
- Steering committees are responsible for good **communication and interfaces** between line and project perspectives

Marketing

- This strategy is responsible for its own marketing
- Chairs of the different areas must coordinate marketing efforts
- In collaboration with the Deputy Director: Specialist Services



AIS eProducts Marketing Event
AI eProdukte Bemerkingsfunksie

14 - 31 August 2006

Tree of Knowledge
Baobab ('Krenmetart') Tree

Home >> AIS eProducts Marketing Event

Marketing Event of Library e-Products

- More about the "Tree of Knowledge"
- About the AIS eProducts Marketing Event
 - eProducts to be introduced during this event
 - Photo Album of this event on UPspace
- A tree is born ...
- Invitation to attend the event

Inquiries
Magda Engelbrecht
magda.engelbrecht@up.ac.za
Tel.: +27 12 420 2805 (o/h)

- Services per Faculty
- Lecturer Support
- Research Support
- Learning Support
- Copyright & Plagiarism
- Referencing Techniques
- Ask a Librarian



About GoogleScholar™

How do I ...?

Quick links to:

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- View & Renew Material
- UPspace
- Interlending: Requests - Info
- clickUP (Students Online)



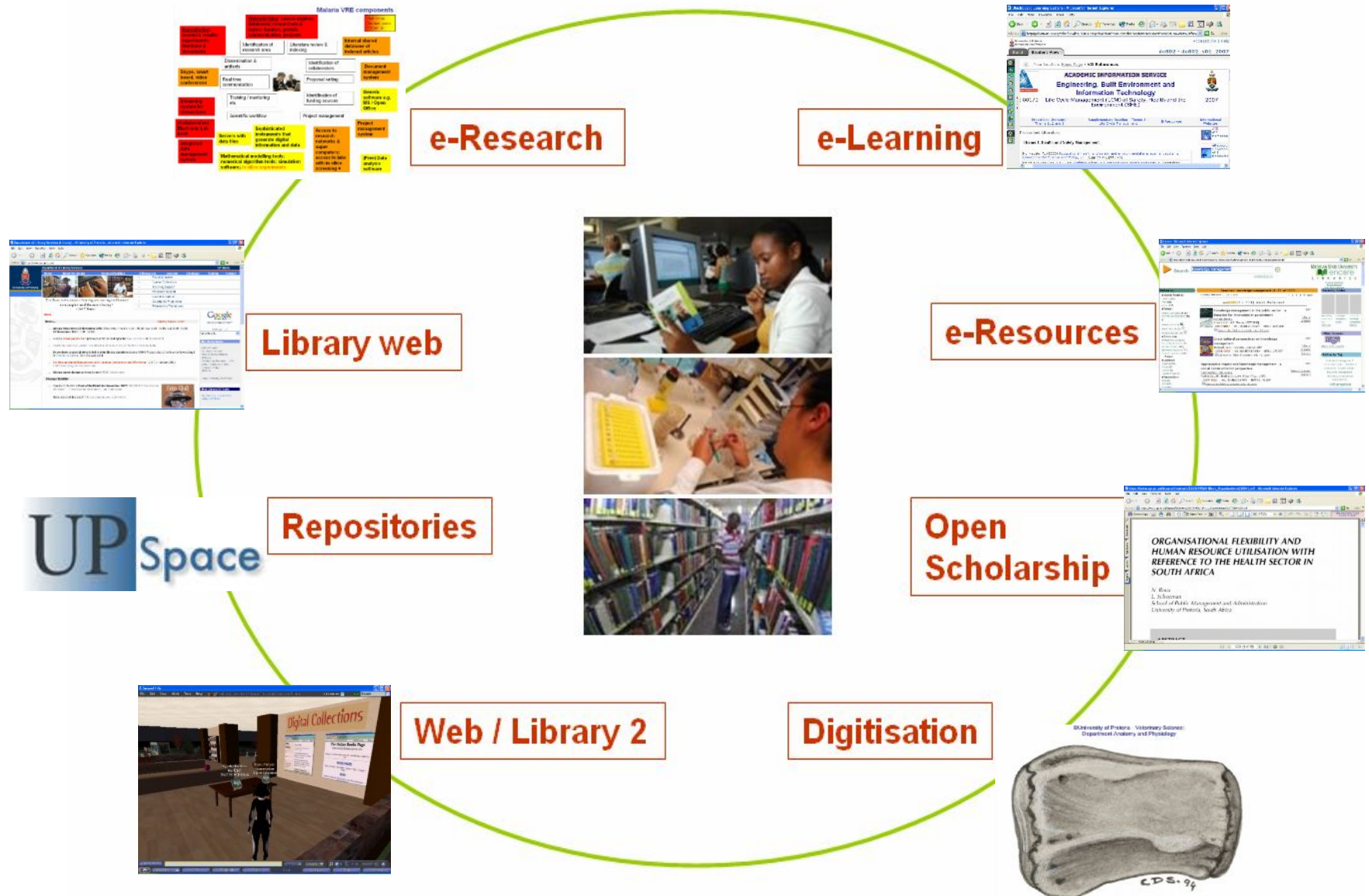




The UPSpace stand attracted a lot of attention.

In conclusion: we are moving in the right direction ...

e-Environment for Scholarship



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- Houghton, J.W. et al. 2003. Changing research practices in the digital information and communication environment. Department of Education, Science & Training, Australia http://eprints.anu.edu.au/archive/00002196/01/c_res_pract.pdf
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- Van Deventer, M.J., Pienaar, H. 2008. *South African repositories: bridging knowledge divides*. Ariadne, 55, April 2008. (<http://www.ariadne.ac.uk/issue55/vandeventer-pienaar/>)