

Journey from a traditional to an electronic service



Ina Smith
University of Illinois
13 November 2006

Content

- University of Pretoria
- Library E-Strategy
- E-Products
 - Library Intranet
 - Library Web
 - Global Search Engine
 - Digital Research Repository
 - Training

University of Pretoria

- 1908: 4 professors, 3 lecturers, 32 students
- 2006: 4 000 staff members, 55 000 students
- 236 qualifications offered involving 1 893 study programmes
- Medium of instruction
- 9 Faculties, 2 Business Schools, 136 Departments, 43 Centres
- Highest research output in country 2005

Student Profile

- Gender composition: 47% male; 53% female
- Racial profile: 60% white; 40% black
- International students: 2 241
- Delegates attending continuing education programmes: 16 405

Campuses

- Main Campus: 650 buildings over 24 hectares
- Onderstepoort Campus
- Groenkloof Campus
- Prinshof Campus
- Mamelodi Campus
- Illovo Campus

Library of the University of Pretoria

Operations

E-Services

Special Units

Support Units

Purpose of E-Services

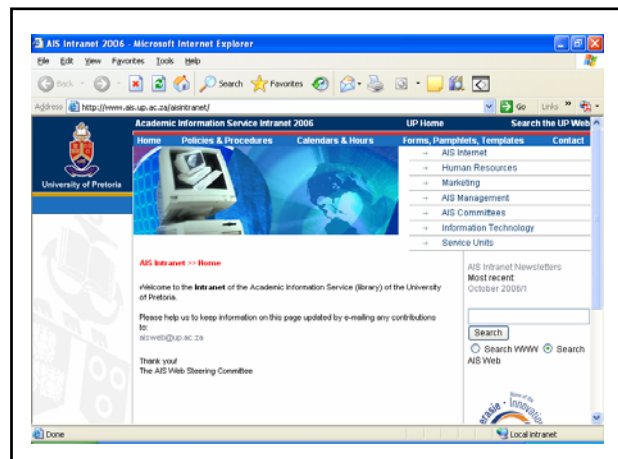
- To drive e-strategy
- To ensure that the library is a respected role player in the e-arena, both internally and externally, nationally and internationally
- To proactively identify emerging trends, analyze and evaluate them, and recommend appropriate strategies that the library should adopt with regard to these trends

E-Strategy

- Create an integrated seamless e-information service for the University of Pretoria
- The objectives of this strategy are:
 - To support education innovation and research excellence at UP;
 - To deliver optimal e-information portal workflow services 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**, etc.

Library Intranet

- Administrative and management info in an orderly and systematic way
- Accessible and user-friendly
- The main purpose of the Library Intranet is to:
 - Promote the sharing of info, knowledge, electronic resources and ideas amongst library staff
 - Facilitate communication and access to info
 - Provide a single, secure, reliable access point to private information
 - Manage information and streamline document distribution
 - Increase productivity because of better access to quality info
 - Allow the reuse of existing info and reduce the cost of information sourcing, printing and distribution ([Spoolstra, 1999](#))

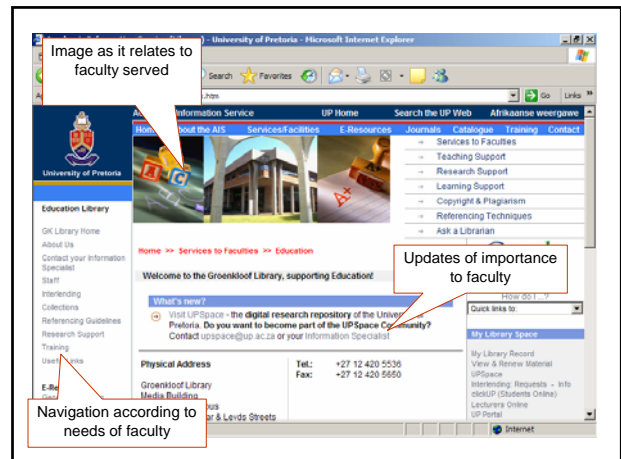


Library Web

- Support teaching, learning, research
- Marketing
- Access to services & information resources
 - 321 databases
 - 150 000+ e-books
 - 31 300+ full text e-journals
 - Catalogue & 3 146 printed journals
 - E-services e.g. Inter-library loans, Ask a Librarian, Chat with a Librarian

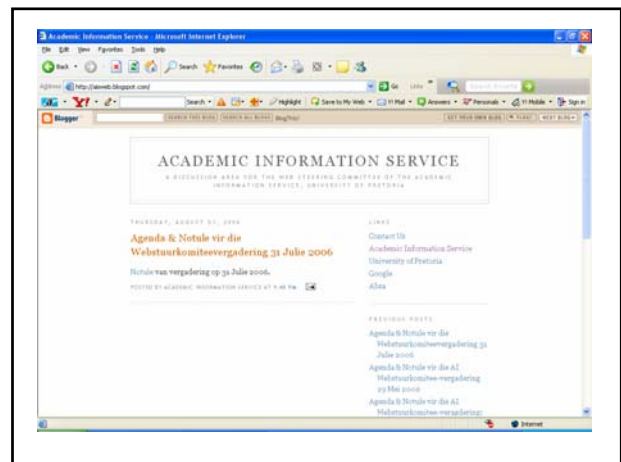
Client Needs

- Maximum "3 clicks"
- Simple interface
- Distinguish between undergraduates/ postgraduates
- Complete and logically structured info
- Services accessible online



Library Web Management

- Project management (<http://aisweb.blogspot.com>)
- Structure
- Workflow
- Quality Control
- Marketing
- Training
- Communication
- Next: Content Management System (CMS)



Federated Search Solution

“Only librarians like to search; everyone else likes to find.”

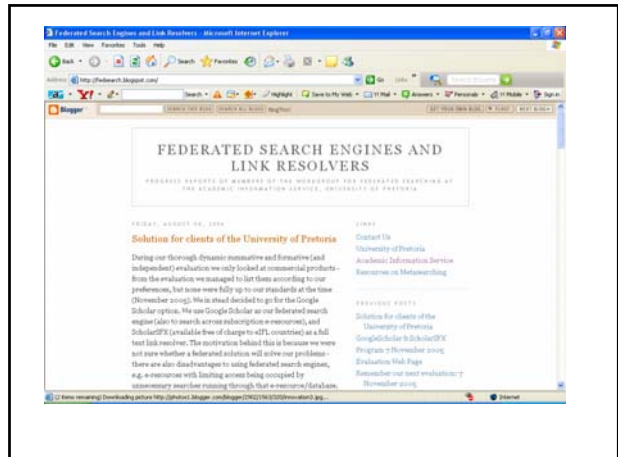
- Roy Tennant -

Client Needs

- “Growing up digitally” generation
- Multi-tasking
- Prefer Google to library searches
- Simple search interface (“Google”-like)
- Want speedy answers and full gratification immediately
- “Three clicks”
- Quality matters less than process

Evaluation of Federated Search Engines & Link Resolvers

- High level formative & summative
 - 7 sessions, 28 hours
 - UP, UNISA, CSIR, Wits
 - Evaluation instrument
 - Sessions: Live demo,
 - Telephone Conference,
 - "Hands-on"
- Project Management (<http://fedsearch.blogspot.com>)



Librarian & Information Science News:

"If you're in the market for a federated search product, here's a good place to start."

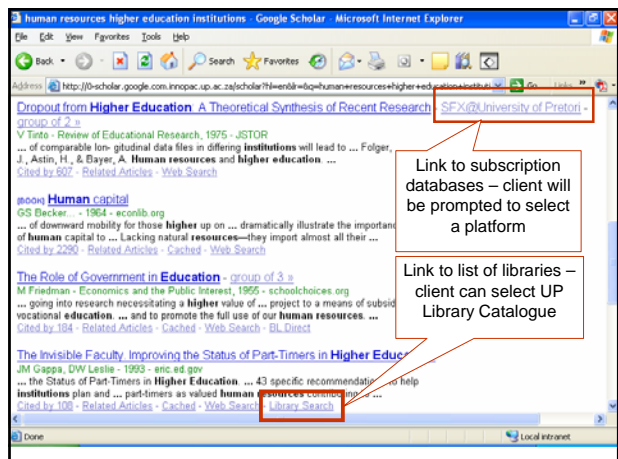
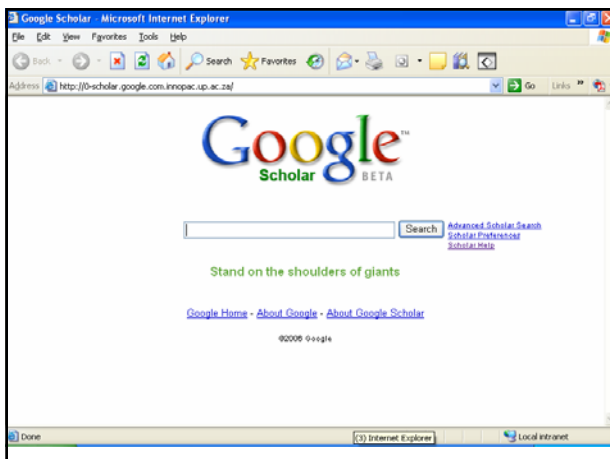
Blogwithoutalibrary:

"If your institution is investigating federated search engines and link resolvers, you won't want to miss their excellent evaluation instrument."

Solution



Federated Search Solution



Link to subscription databases – client will be prompted to select a platform

Link to list of libraries – client can select UP Library Catalogue

SFX by Ex Libris Inc. - Microsoft Internet Explorer

Address: <http://31.10.scholarfx.exlibrisgroup.com/innopac.up.ac.za/scholarfx-2766001?pd=google&unit=20&last=JANSEN&start=2>

SFX Services for this record

Title: Effective Schools?
Source: Comparative education [0305-0068] JANSEN yr1:1995 vol:31 iss:2 pp:181

Full Text

Full text available via **EBSCOhost Academic Search Premier**
Year: [1995] Volume: [31] Issue: [2] Start Page: [181]

Full text available via **JSTOR Arts and Sciences 4**
Year: [1995] Volume: [31] Issue: [2] Start Page: [181]

Holding information

Holdings in OCLC

© 2005 SFX by Ex Libris Inc.

Links to subscription databases

JSTOR: Comparative Education, Vol. 31, No. 2, Special Number (17): Educational Reconstruction - Microsoft Internet Explorer

Address: <http://0-www.jstor.org/innopac.up.ac.za/new/03050068/pp030069/03v149/5n/0>

SEARCH | BROWSE | TIPS | SET PREFERENCES | ABOUT JSTOR | CONTACT JSTOR

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Try the new JSTOR/ARTstor Search Prototype, available in the [JSTOR Sandbox](#)...

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p. 181 of 181-200 (1st of 20 pages) [Select Another Page](#)
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Comparative Education Volume 31 No 2 1995 181

Effective Schools?

Find in a Library - Microsoft Internet Explorer

Address: http://worldcatlibraries.org/wcpa/doc/36073967;sessionid=A99060F320612E2D96F30CF39678FE68_Four?pageno=4

Univ of Pretoria, Theology

Mega-universities and knowledge media : technology strategies for higher education
by John S Daniel
ISBN: 0749421193

Academic Information Service UP Home Search the UP Web Afrikaanse weergawe

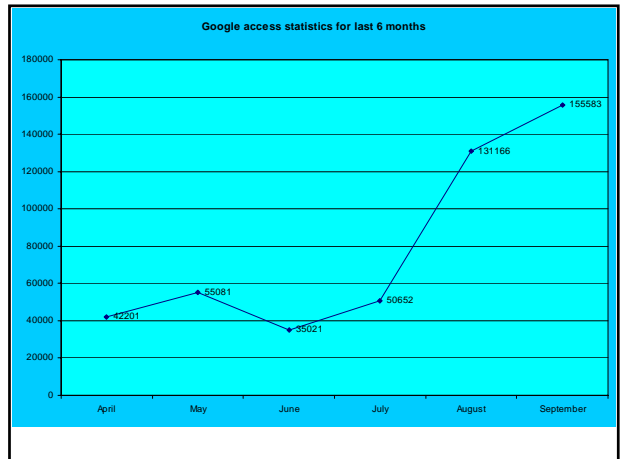
Home About the AIS Services/Facilities E Resources Journals Training Contact

Home >> Library Catalogue

STANDARD NO 0749421193 View Entire Collection System Sorted

Record: Prev Next

Author Daniel, John S., 1942-
Title Mega-universities and knowledge media : technology strategies for higher education / John S. Daniel.
Publisher London : Hogan Page New York : Nichols Publishing, 1996.



Akademiese Inligtingsdiens
Academic Information Service

Google your way through the information highway
Powered by Ex Libris

UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA

©2005 Google your way through the information highway

Category: See Advanced Search

Library Search will take you to all library catalogue with holdings for a specific book

Ranking of references: Rank according to your search

Other options: Cited by: List of articles which cited a specific article

How do I access material to which the library of the University of Pretoria subscribes?
If you are unable to access the full text of an article, please contact your information specialist at the library: IAF@unipretoria.ac.za or <http://www.unipretoria.ac.za/iaf>

Need more help? Please contact your information specialist at the library: IAF@unipretoria.ac.za or <http://www.unipretoria.ac.za/iaf>

UNIVERSITY OF PRETORIA
ACADEMIC INFORMATION SERVICE

Google your way through the information highway with Google Scholar

Advantages

- Google Alerts
- Cited by ...
- Limit according to subject areas
- Guide clients back to high quality library material
- Increase visibility of library on the web
- Address client needs
- Save time
- Immediate access to full text
- Reduce workload on staff
- Training
- Share with others, eg. Wits, North West, Stellenbosch, UCT etc.

"Hi. My name is Amanuel B. Abraha from the Dept. of Plant Science. I am an Eritrean (East Africa) doing my MSc in Pasture Science. I usually use the library web site daily, and now that you have improved the site, it becomes very easy for me to access whatever I want within seconds. Thank you so much for your dedicated hard work to help us surf the site easily. The best thing I like about the new site is the "google scholar", because most of the time I check on electronic journals, and this helps me to find it as easy as a b c. Thank you so much again, and keep up the good work."

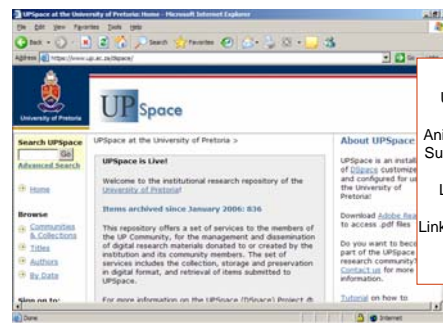
- 24 August 2006 -

"Offering [Google Scholar™] as an option will not deny our students the **choice** of using a **specific database** and advanced features.

But *refusing* to offer that option will *deny* them an **alternative** that may **suit their needs** better than database-by-database searching."

- James Rettig, Univ of Richmond -

Digital Research Repository (UPSpace)



UP Look & Feel
 Animated Tutorial on Submission Process
 Links to Policies
 Links to Software e.g. Adobe Reader

Communities & Collections



2006
 35 Collections
 800+ Items
 5 000+ Searches

"Champions"

- **openUP**: Scholarly research articles published by lecturers/ researchers
- **Jonathan Jansen Collection**: Collection of research
- **Gerhard Moerdijk Collection**: Architect
- **Arnold Theiler Collection**: Founder of Faculty of Veterinary Science

UPSpace at the University of Pretoria: Jonathan Jansen Collection - Microsoft Internet Explorer

Address: https://www.up.ac.za/upspace/handle/2063/108

Advanced Search

Jonathan Jansen Collection

Community home page

Home

Browse

- Communities & Collections
- Titles
- Authors
- By Date

Sign on to:

- Receive email updates
- My UPSpace
- authorized users
- Edit Profile
- Help

Search for: Jonathan Jansen Collection

Go

or browse: Titles Authors By Date

Professor Jonathan Jansen obtained his PhD at Stanford University School of Education and his MS in Science Education at Cornell University. He is currently the Dean of the Faculty of Education, University of Pretoria, and is internationally regarded as one of the top researchers in the field of education. View his Curriculum Vitae.

Under supervision, 1948-1949: The Doors of Culture and Learning Shall be Opened, edited by Peter Kallaway, book review

Speeches

Interviews

Newspaper Columns

Photo Album

Research Papers

Curriculum Vitae

Ons Vaderland

Box 422 PRETORIA, Tel. 548

WAARHEID, VRYHEID, REIG.

WOENSDAG, 21 MEI 1939

Stadsaal Gedoente

Die Provinsiale Komitee van die Provinsiale Raad het gewese Burgemeester Dey se voorplaan op die Pretoriusplein, en Ons Vaderland reken dat die Uit-Komitee volkome reg gehandel het. Pretoria is nie sonaar so 'n gunstige Pretoriusplein planne, dorpse meer nie, maar hoofstad van die Unie, en die Eerste Minister van die Unie, soos as die Admiraal-geregt by landvat te lande van die minister van Transvaal, wat "gebruikelike beleeftheid tussen twee liggame"-warsame nota daar behoud word: die Uit-Komitee aan die denkant, en die stadraad aan die ander! An by Mr. Dey het hom betref op die

Mar. Dey het Saterdag die pers-vertrewoordigers bymekaar geroep, en aan hulle oorkandig 'n kommunikee, waaruit ons verstaan hoe hy ernstig genoot het om te bedank, maar toe weer lesmit het om dit nie te doen nie. "Ek is dit tot die beskikking van Pretoria," versker Mr. Dey, "om hierdie saak deur te druk." Ons wil hoop, dat naer Dey niks sal probeer "druudruk" nie, aangeen 'n handeling van die aard, d.w.s. so 'n drukkerij, onder die omstandighede met tot aleried onpleisier kan lei.

Mar. Dey het, toe indertyd die memorie van belastingbetalers aan hom voorgelê werd teen die voor-let. Pretoria is nie sonaar so 'n gunstige Pretoriusplein planne, dorpse meer nie, maar hoofstad van die Unie, en die Eerste Minister van die Unie, soos as die Admiraal-geregt by landvat te lande van die minister van Transvaal, wat "gebruikelike beleeftheid tussen twee liggame"-warsame nota daar behoud word: die Uit-Komitee aan die denkant, en die stadraad aan die ander! An by Mr. Dey het hom betref op die

honderd jaar behoort die Markplein 'n moede park te wees. Maar ons nou die Moerbykaleas by ons stadsraadsede aanbeveel. Hul-ke kan nie hoop om 'n homidate deel daarvan uit te voer nie, maar hul-ke kan beginne met niks te doen wat die uitwerking moeiliker sou maak, om die loon van 'n stad-saal, wat die hele stadsbedryg-hold skeef sou trek.

Die

Malaria des Pferdes.

Inaugural-Dissertation

ERT

Erlangung der Doktorwürde

an der

hohen veterinärmedizinischen Fakultät

1010 BUNDESFEIER-POSTKA

CARTES-POSTALES - LIETZOW

1910

Postcard with handwritten text and a stamp.

J. A. Steiner Verlag

Box 573

Pretoria

South Africa

Die wächter der heimat pro-patria

TANZANIA

Translated from English 16.12.70



THESE WEL I AM IN KARIFIN (1-16-1911)

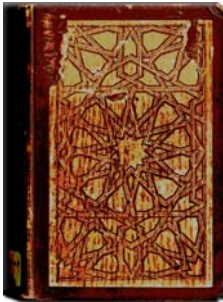
by H. van Zanten

This is in Dutch-German she likes a subject perspective of the whole. The history of her commercial possibilities there, and how she life and especially the type of the island Thaler, the father of the development - in the "Malaria" - in the state in the first century of the 19th-20th century printed paper in large format of a completely unique book.

For her it is more than a biography, it concerns a historic struggle between Nature and Science - with Sir David Thaler - the height of Science the helped to save an untamed, unshaking southern land for farming and habitation.

Literally single-headed (the other hand was not off in 1910) Thaler's chiefmaster shortly after his arrival in South Africa) he undertook the struggle against that Coast Fever, here: malaria, here: parasitology, histology, medicine, etc., etc. - which - with Science and thought, along in situations - was at the time of the century were among the livestock of his achievements, and making large tracts of the earth responsible for stock breeding and progress.

Home Life on an Ostrich Farm
by Annie Martin

Preprints/ Post-prints



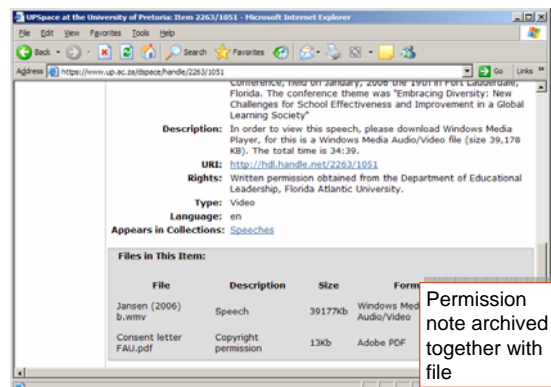
Web pages



Architecture Student Projects



- E-mails
- Web-pages
- Books
- Presentations e.g. in MSPowerPoint
- Conference papers
- Technical reports
- Working papers
- Interviews
- Datasets
- Maps
- Audio files
- Video files
- 2D/ 3D - objects



Permission note archived together with file

“At University of Botswana we are currently looking at developing an institutional repository, and therefore your UPSpace website and project is of tremendous interest and use to us.”

Gemma Bentley, Senior Archivist, University of Botswana Library Services, May 31, 2006

Digitization



Digibook 10 000 RGB Scanner



Benefits for Researchers / Scholars

- Central archive of research
- Profile – web space
- Increased visibility & prestige
- Increased usage and impact
- Distributed or decentralised input
- Persistent URL's for citations
- Statistical reports
- Restrict access
- Free, unrestricted access
- Searchable (incl. full text)
- Encourages dialogue between researchers
 - E-mail
 - Recommend an Item
 - Subscribe to a Collection



Benefits for our university

- Provide coherent view of UP research output with immediate access to full text
- Link to UP Research Report
- Long term archiving & preservation of intellectual output
- Making available UP wealth of knowledge internationally



Benefits for Information Specialists

- Convenient, easily retrievable
- Develop new skills
- Updated with regard to research conducted
- Electronic workflow – quality control
- Collaboration with faculties

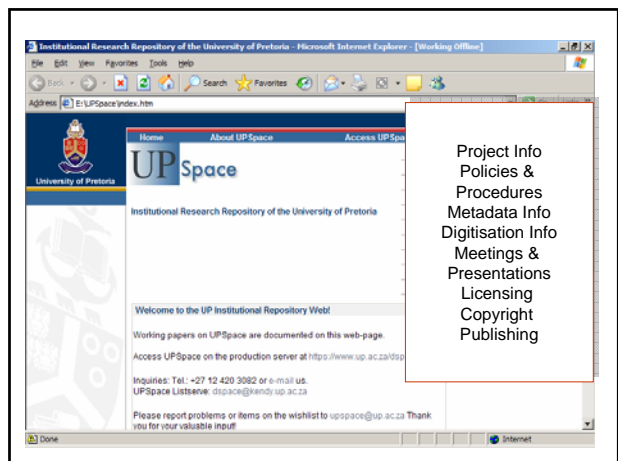


Benefits for the Community!



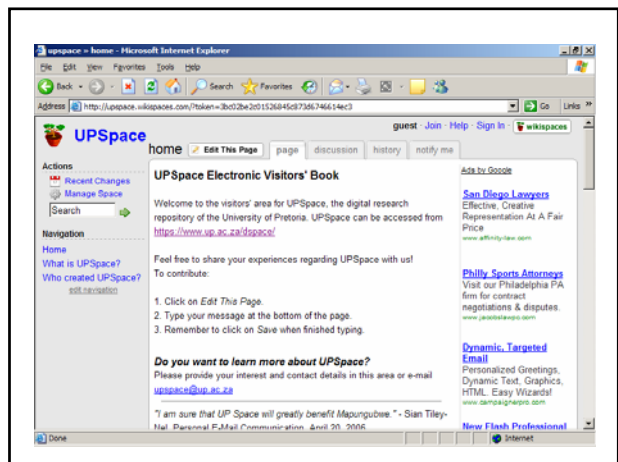
Acknowledgement:
http://www.computing.dundee.ac.uk/ac_research/themedetails.asp?id=7





Support & Training

- Tutorial
- E-mail upspace@up.ac.za
- UPSpace Listserve dspace@kendy.up.ac.za (45 members)
- UPSpace Web <http://www.dspace.up.ac.za>
- UPSpace Wiki <http://upspace.wikispaces.com/>
- UPSpace Policy & Collection Policies
- Communication



Published Repositories

- [Institutional Archives Registry](#) (750 archives – 7 in SA)
- [DSpace Instances](#) (180+)
- [Open Archives Institute](#)
- Google Scholar & Google

In the words of Prof Jonathan Jansen ...

"This project has transformed my life as a Dean in three ways. First, it made me aware of the **power of technology** in managing the multiplicity of written tasks—media articles, media interviews, newspaper columns, intellectual pieces—that simply drift into spaces where I can never find these original writings.

Second, it made me aware of the **efficiency of dissemination of ideas** in this information age if one simply took the time to create such a web space.

Third, it made me aware of the **power of collaboration** between academic authors and the academic information services (library)—something that I had not explored until now. I am deeply grateful to the persistence of my academic library colleagues in opening up this new world in the life of a busy Dean."

Prof Jonathan Jansen, 14 May 2006

Launching the E-Products



Kremetart/ Baobab/ Upside down tree/ Adansonia Digitata



Challenges & Opportunities

- Bandwidth
- Internet access
- Invest in Java Programming Skills
- Human Resources – E-Information Unit
- Introduce UPSpace to more faculties & departments
- Support from UP Executive Management

Challenges & Opportunities

- UP Policy on *open access*
- Publishing on UPSpace maybe a NRF prerequisite for funding
- Collaboration & supporting others
- Play a role in the reform of the scholarly communication system – also internationally
- Get SA publishers on board
- Purchase link resolver
- Show and tell

Next ...

- Managing and archiving research data (UK Digital Curation Centre (DCC))
- Investigate the viability of VREs (Virtual Research Environments)
- Integrate Internet 2.0/ Library 2.0 technologies
- Collaboration with other universities

Thank you!

Access at <https://www.up.ac.za/dspace/>

ina.smith@up.ac.za