

### Research @ Health Sciences

Cited more, preserved forever

Presented to the Pathology Research Committee Ina Smith, Hilton Gibson, Linda Bellairs, Ingrid vd Westhuizen 9 June 2010



### Two approaches to Open Access ...



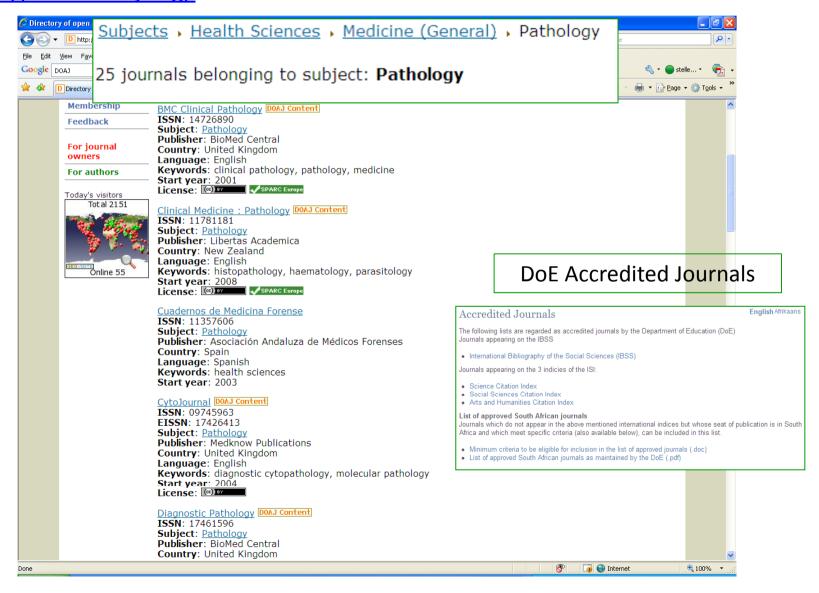
"By "open access" to literature, we mean its free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. The only constraint on reproduction and distribution, and the only role for copyright in this domain, should be to give authors control over the integrity of their work and the right to be properly acknowledged and cited."

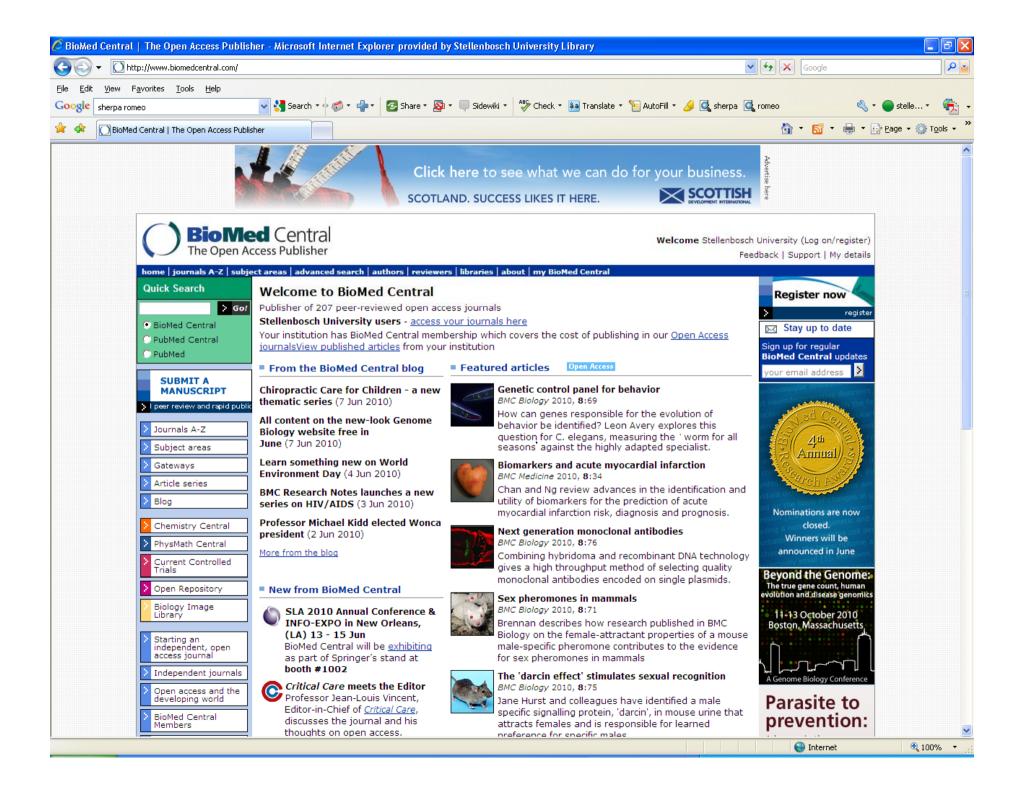
(Budapest-Bethesda-Berlin or BBB definition of open access <a href="http://www.earlham.edu/~peters/fos/newsletter/09-02-04.htm">http://www.earlham.edu/~peters/fos/newsletter/09-02-04.htm</a>)

Acknowledgement - image: <a href="http://openreflections.files.wordpress.com/2010/01/open20access-seal.gif">http://openreflections.files.wordpress.com/2010/01/open20access-seal.gif</a>

### Open Access Journals ("golden" route)

http://www.doaj.org/





### What is a research repository? ("green" route)

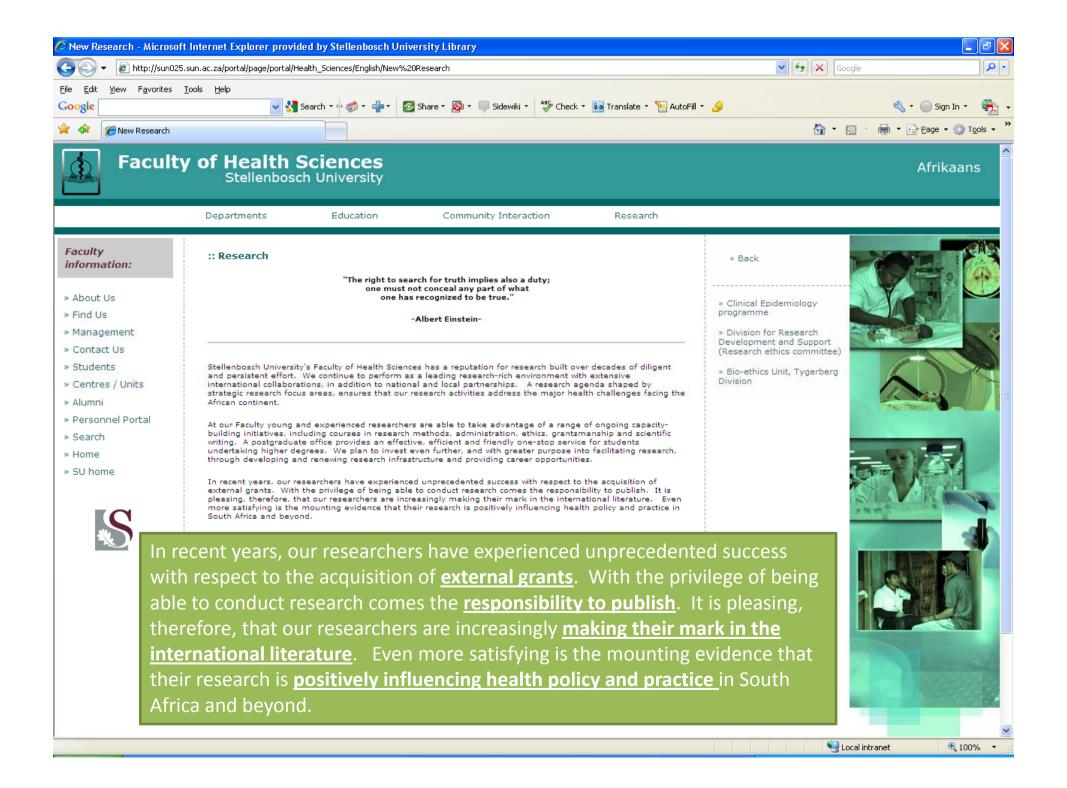
- Set of services
- Management & dissemination of digital materials
- Organizational commitment
- Stewardship
- Long-term preservation
- Organization
- Open access/ distribution

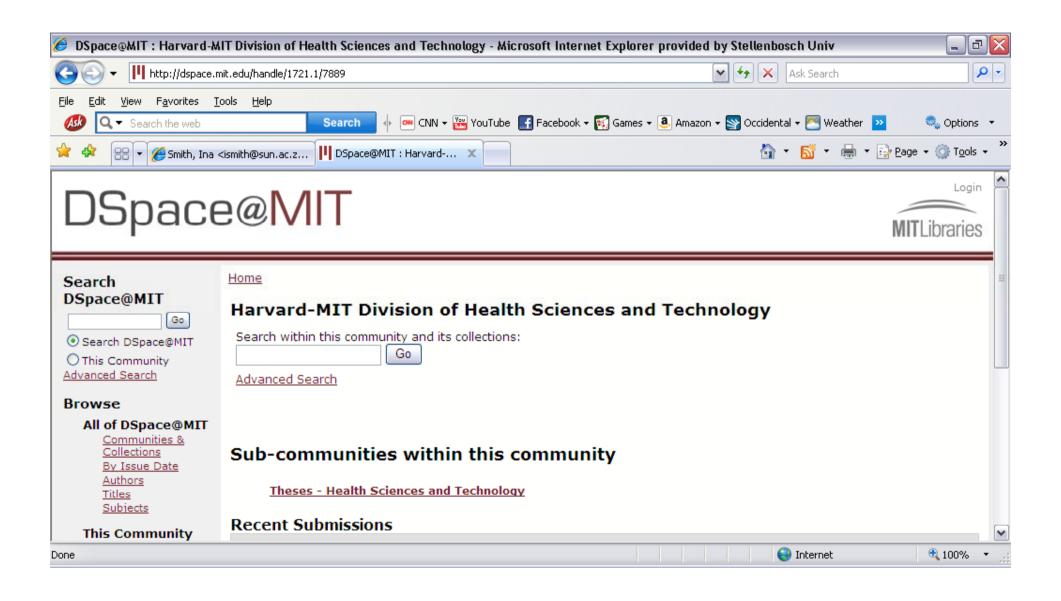
(Clifford A. Lynch, "<u>Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age</u>" ARL, no. 226 (February 2003): 1-7)

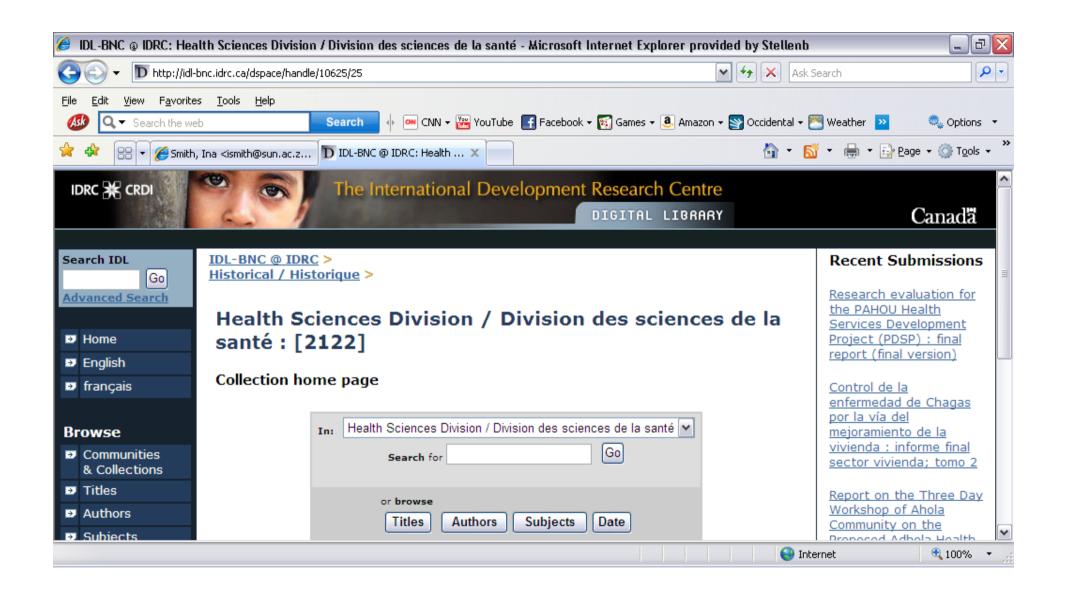
### What is SUNScholar?

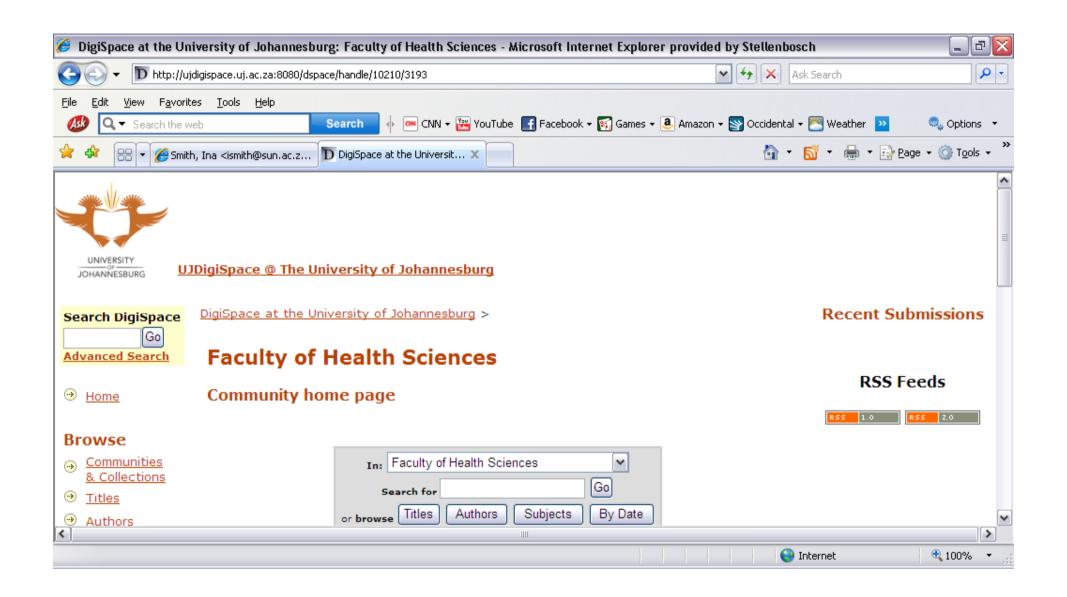
- Strategic objective of library: Support, develop and contribute to high-level scholarly publication output
- Full text central digital research repository of the University of Stellenbosch
- Provide open access where possible
- **Digitally preserve** research output

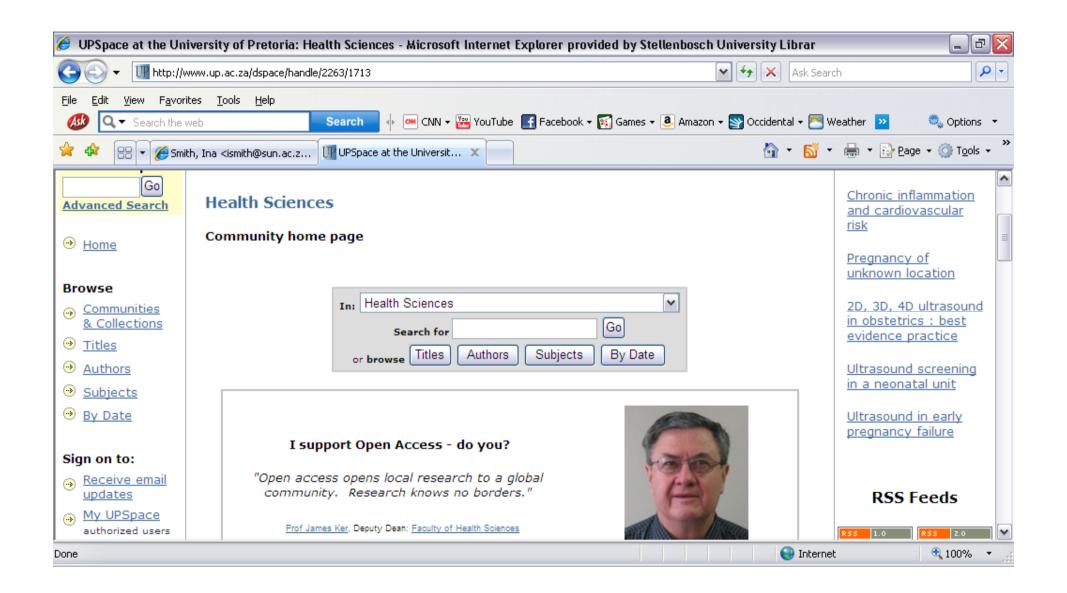












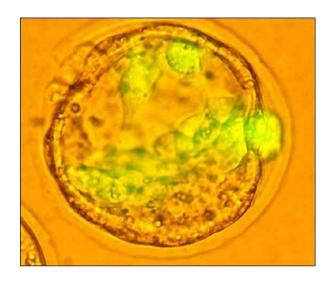
### **Research Output**

### Primary:

Research Articles, Chapters in Books, Books,
 Conference Proceedings, Theses, Dissertations

### Secondary:

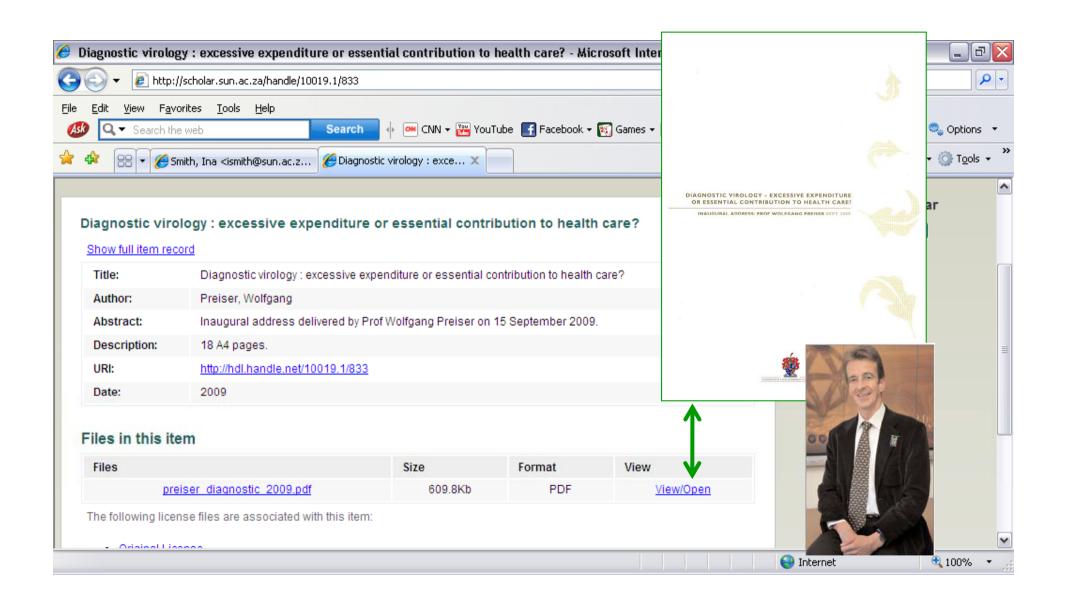
 Inaugural Addresses, Conference Presentations & Posters, Images, Audio- & Audiovisual Clips, Seminars/Open Lectures, Conferences, Experiments, Data sets, and many more!

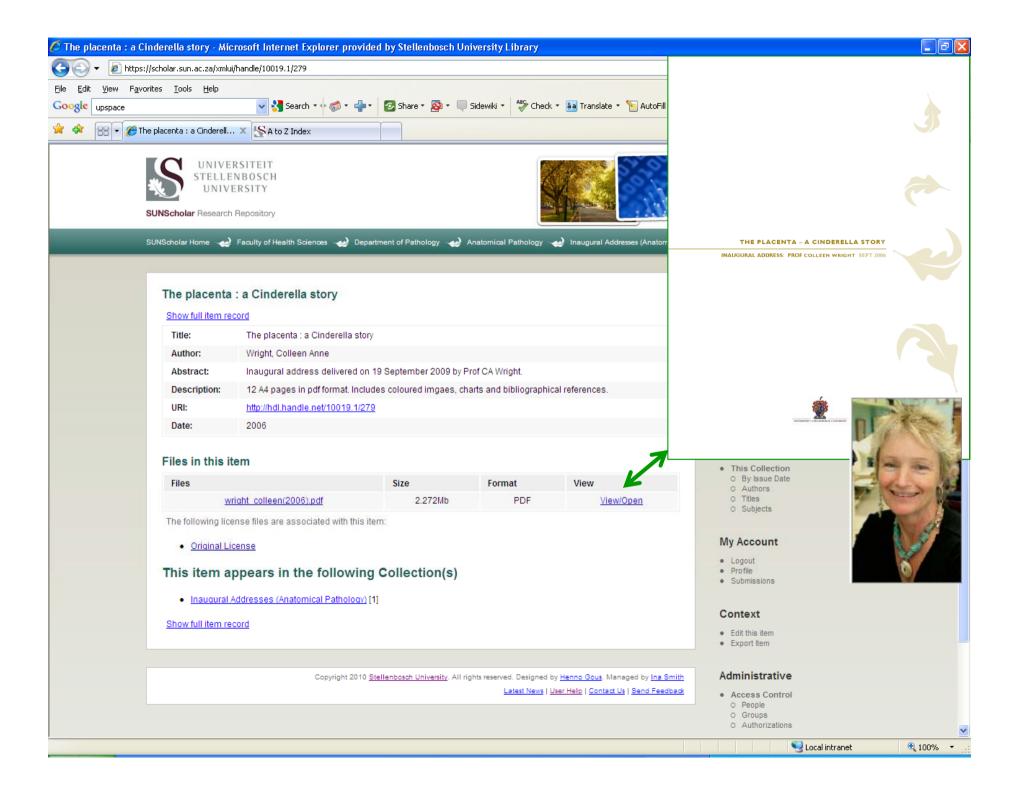


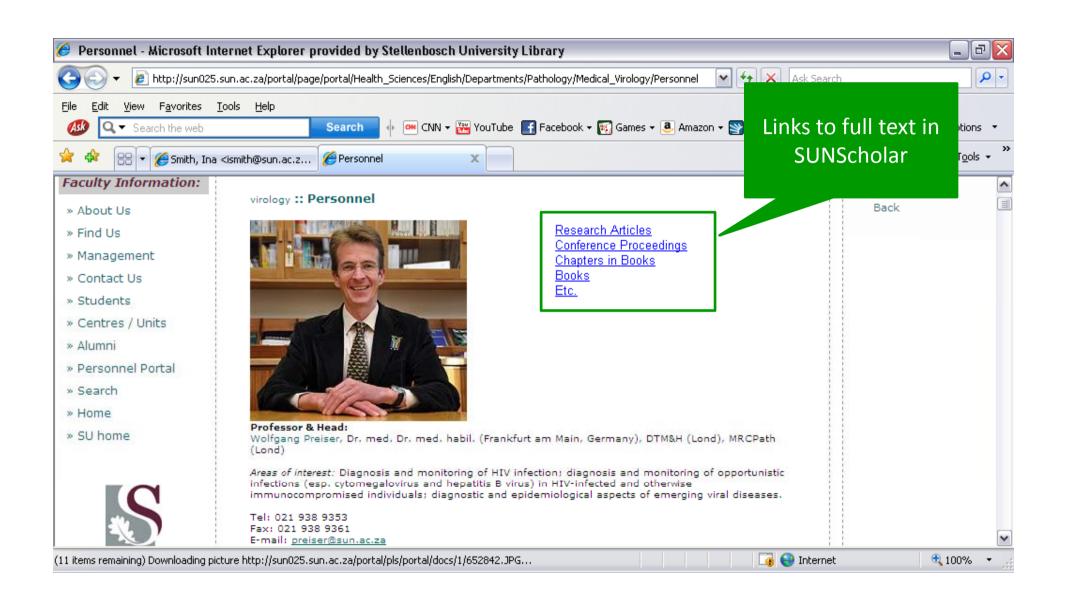
Acknowledgement: http://repairstemcell.files.wordpress.com/2009/04/em bryonic-stem-cell.jpg

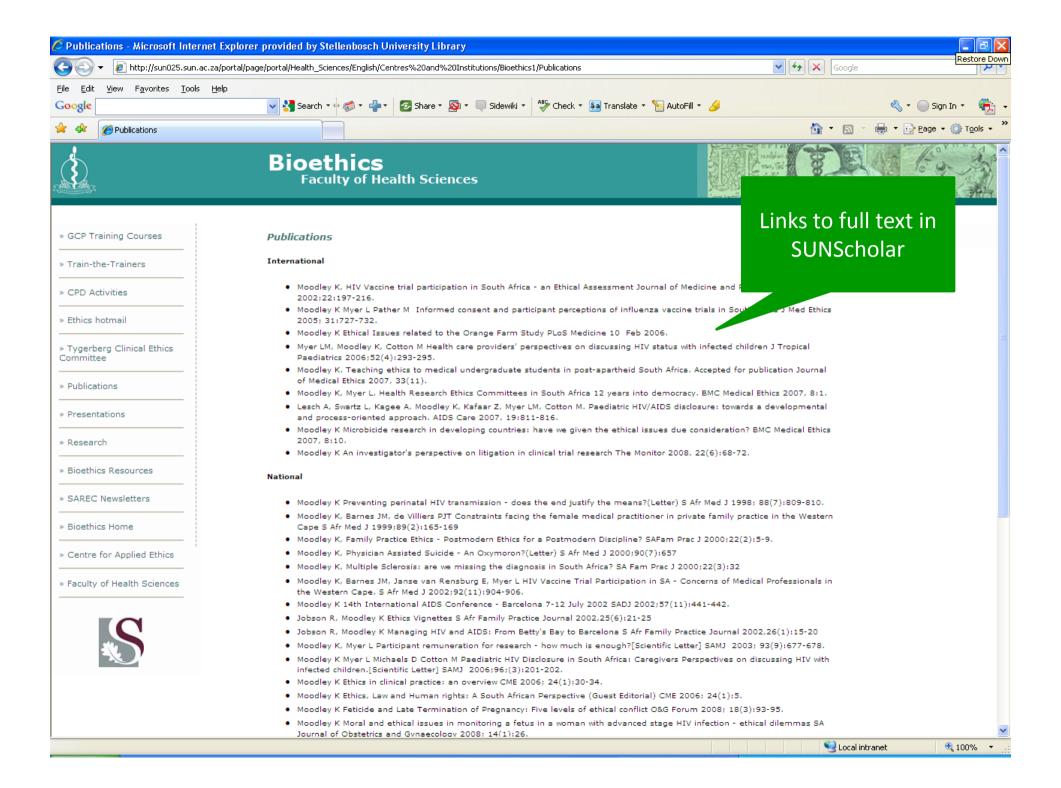


Acknowledgement: <a href="http://www.youtube.com/watch?v=1vBaFnp02MM&fe">http://www.youtube.com/watch?v=1vBaFnp02MM&fe</a> ature=related



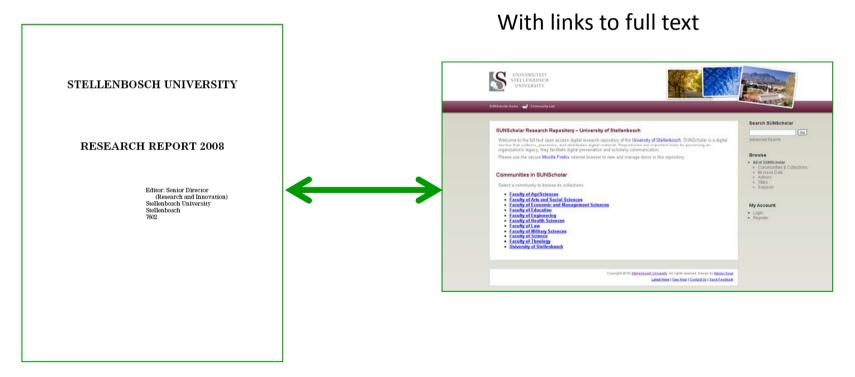






### **Research Output**

### Research Report System



Currently investigated

### https://scholar.sun.ac.za



SUNScholar Research Repository



SUNScholar Home 🚙 Community List

#### SUNScholar Research Repository - University of Stellenbose

Welcome to the full text open access digital research repository of the <u>Univerpreserves</u>, and distributes digital material. Repositories are important tools for preservation and scholarly communication.

Please use the secure Mozilla Firefox internet browser to view and manage i

#### Communities in SUNScholar

Select a community to browse its collections.

- · Faculty of AgriSciences [6]
- . Faculty of Arts and Social Sciences [43]
- . Faculty of Education [3]
- Faculty of Engineering [22]
- . Faculty of Health Sciences [6]
- Faculty of Law [0]
- . Faculty of Military Sciences [0]
- Faculty of Science [11]
- . Faculty of Theology [4]
- University of Stellenbosch [2185]

#### Search SUNScholar

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of SUNScholar Communities & Collections By Issue Date Authors Titles

#### My Account

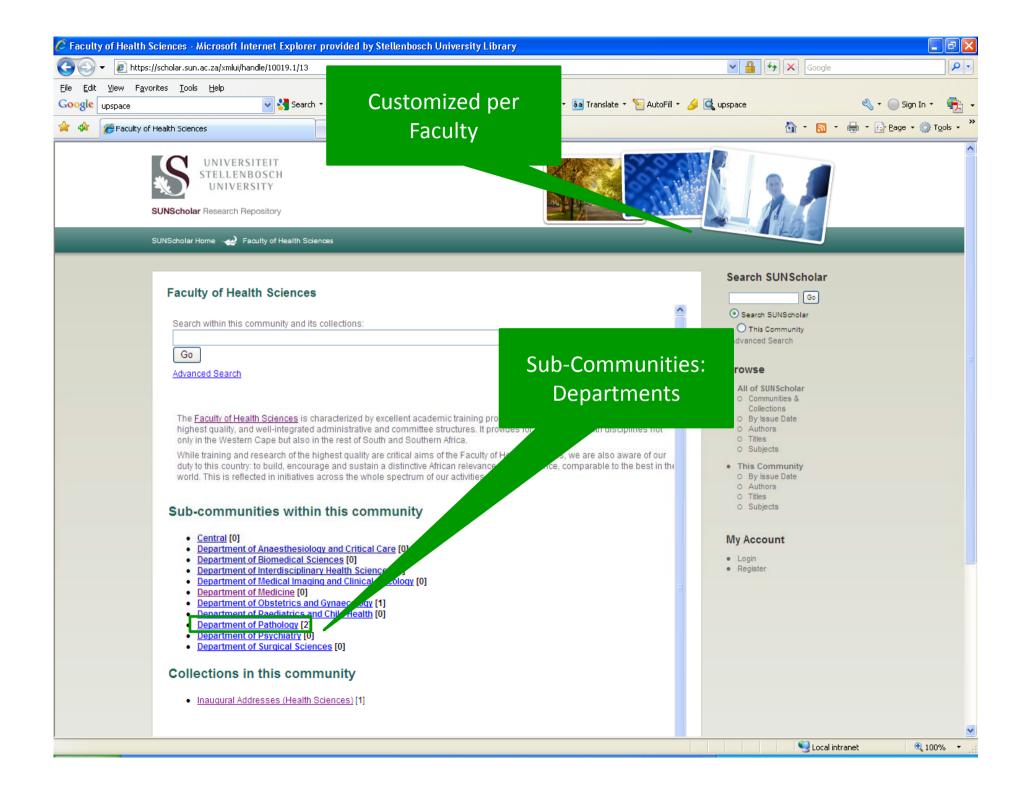
- Login
- Register

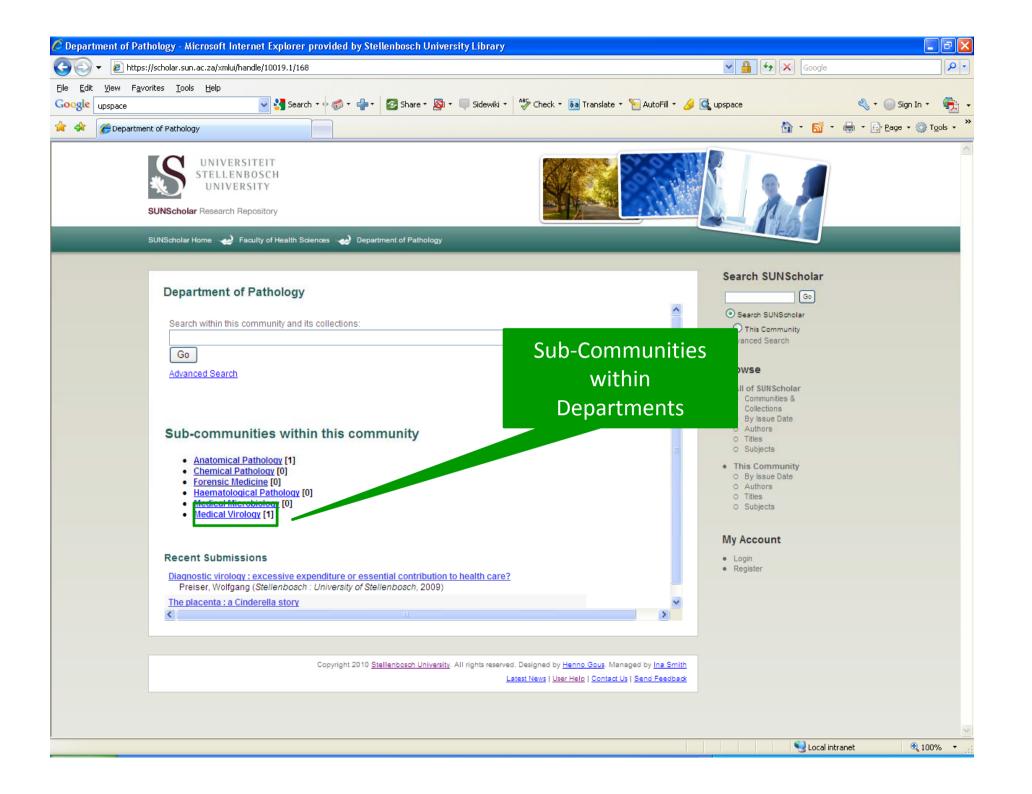
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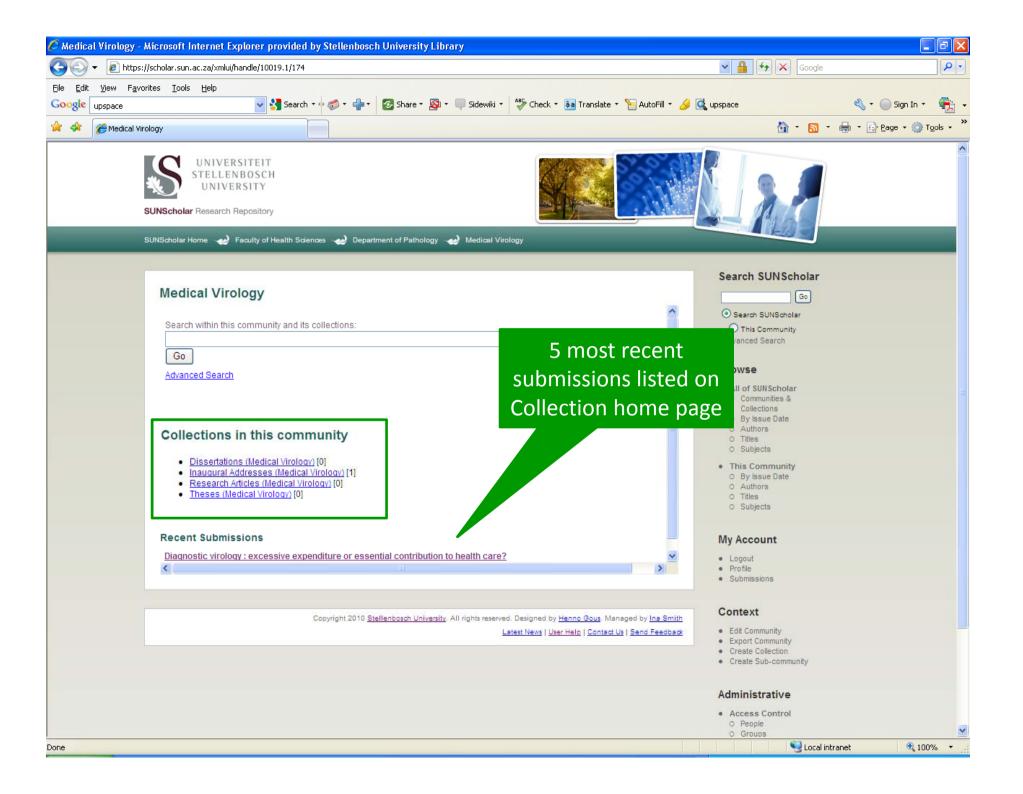
Latest News | User Help | Contact Us | Send Feedback

**Top-Level Community:** 

**Health Sciences** 









SUNScholar Research Repository



SUNScholar Home 🧀 Faculty of Arts and Social Sciences 🔑 Department of Journalism 🔑 Publications (Journalism) 📣 Stellenbosch Media Forum ( 2009: Change in the media Go Search within this collection: Advanced Search

### SMF Stellenbosch Media Forum

A publication by students of the Department of Journalism, Stellenbosch University

#### Stellenbosch Media Forum 2009: Change in the media

Meads, Carolyn Editor's Letter

Technology

Matthee, Stephan Reinventing the tube

Smit. Susan Keeping up with The Times

Meads, Carolyn J-blogging: the best of both worlds?

'n Kykie na die veranderende eenoog-koning Robertson, Crystal

De Villiers, Delia MXit worth its moola

Matthee, Stephan Techno impaired

Dodo, Peni Mobile media: a threat?

People

Boswell, Jason Solo journalism

What the eyes do not see, does grieve the heart Boonzaier, Christiaan

#### MXit worth its moola

It's more than just an application on your cellphone. It is more than just something that distracts teens from their homework. It is a brand experience. It is a lifestyle. Delia de Villiers takes a look at the MXit

Moola, Tradepost, Joe Banker, Slut list

These are all ooncepts associated with MXIt. And if you know what they are you are probably young and innovative and exactly the individual that MXIt wants to target to share in this new brand experience.

MXIt says they have achieved "cult status in the youth market".

In its simplest form MXit is an instant messaging service, it runs on GPRS/3G- enabled cellphones with java support. It can also be used on computers with Adobe Flash Player. It is a service that allows its users to send and receive multimedia messages to and from other MXII-

enabled celliphones and computers.

MXR is known as a form of "community software". This is simply software that only has a function when there is more than one person using it. One of the outstanding features of MXit is that while it is about the technology it is also about the community it creates.

MXIt is not a new concept. Its success can be attributed to its cornering of a certain part of the MAIL is not a new concept. It is success can be attributed to its correcting or a certain part or market. Mix it is similar to any other form of instant messaging. The difference is that it uses a cellphone as its vehicle. Cellphone access and use in South Africa is much more prevalent than internet access and usage, according to Frieda ie Roux, editor of research and product development at Die Burger. Mix is cheap and fast, unlike SMGes that take longer and are

Uno de Waal, an independent social media and applications consultant, said in an email interview with SMF: "The community is what matters most. If you rally enough people around a niche then you'll have a sustainable model that will keep itself running, policing itself and going forward."

MXR is aimed at 12 to 15-year-olds, according to their website, www.mxit.co.za. De Waal says that this does not mean it excludes older people. "It a 50-year-old and his or her peer group are on MXX, they would have the same experience as someone who is 18, that is, they'd be able to chat to their friends." MXit believes, as stated on their website, that its growth and development has not been restrained by demographics. MXit is built around the brand, the website states.

Described by its creators as "simple, energetic, iconic and a little rebellious", they believe the brand is something that anybody can identify with and aspire to. MXII prides itself on being in touch with its users with a special focus on 'community creation', according to the website.

The brand facilitates the building of the community, De Waal says media products are increasingly presented as a brand experience. MXit states on their website that they want to create a brand experience that everyone can identify with".

The MXit creators believe the MXit brand demonstrates its connectedness to its users with a strong emphasis on community creation, according to their website. "It eliminates barriers enabling communities to develop, grow and interact unhindered by demographics."

De Waal believes that MXIt has been successful because it facilitates communication between people in a cheap, interesting and novel way. The MXit website states: "MXit crossed the boundaries of affordable communication and connected people across the globe."

AIX: It as a registered userbase of 9 million in South Africa, according to the website was washedded. The service is described to the service is distributed internationally to more it transmits 200 million messages every day. The service is distributed internationally to more than 120 countries with the largest portion of users in South Africa and Indonsiesi. Herman Heuris, the founder and CEO of MiXII, says they hope to have 60 million international customers by the end of the year.

O Authors

- O Titles
- O Subjects

#### · This Collection

- O By Issue Date
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#### My Account

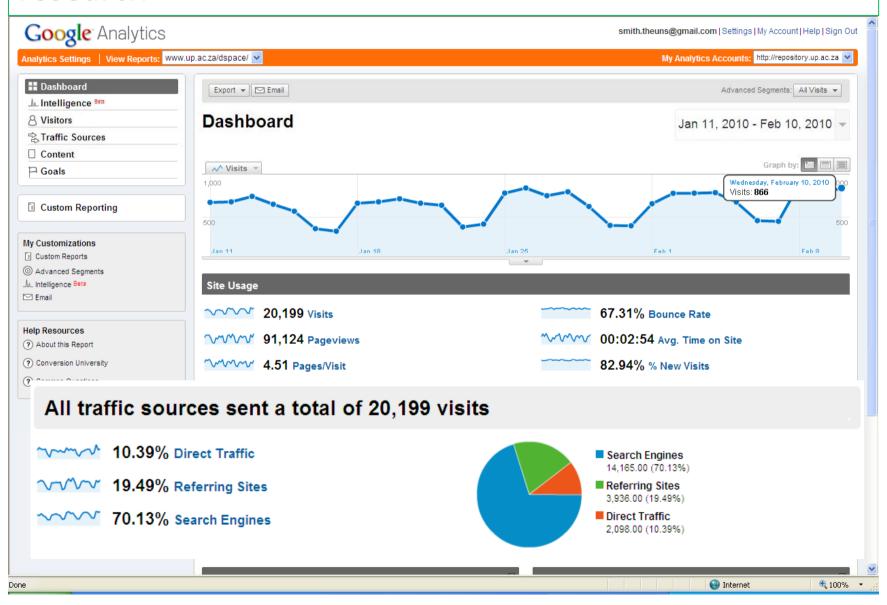
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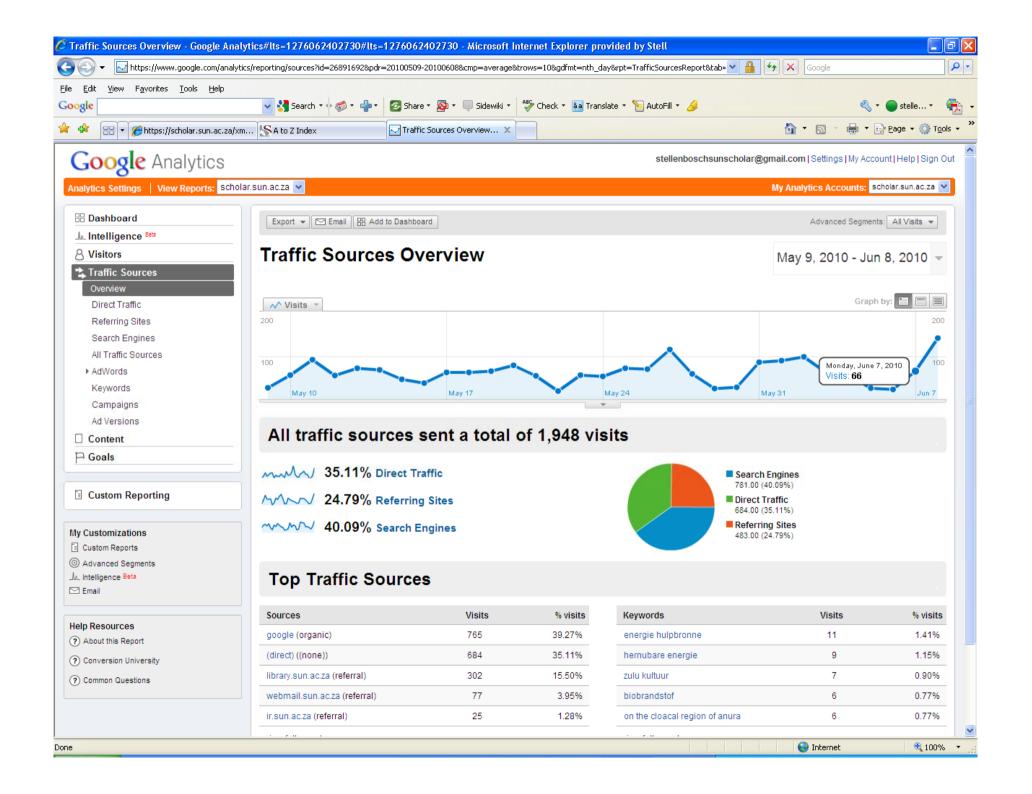
### **Benefits for Researchers**

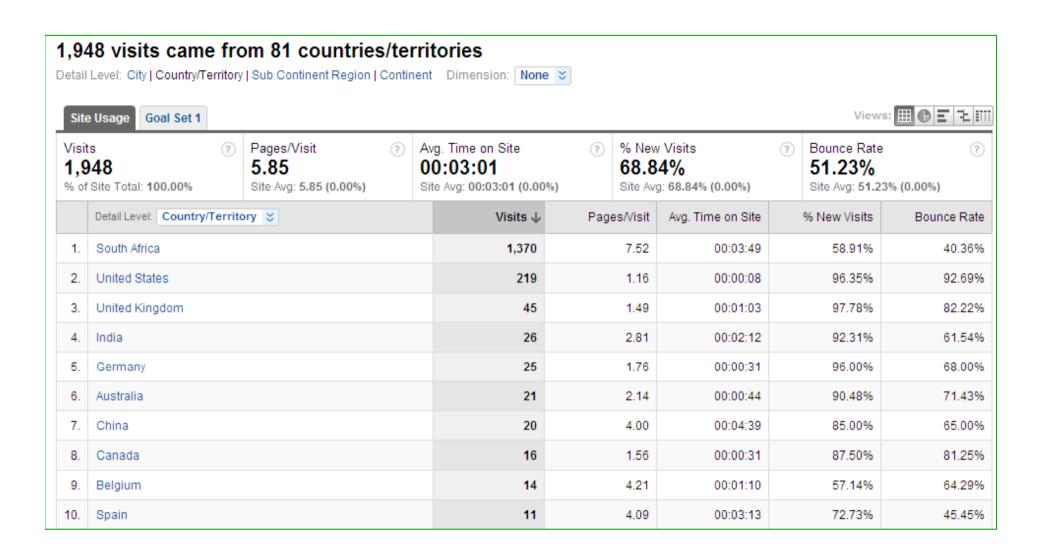
- Research preserved even after you have left US
- Attracts researchers from other disciplines
- May lead to better funding opportunities
- Encourage dialogue between researchers
- Presents complete research profile
- Others can build on your research
- Easier to detect plagiarism

- Verify discoveries, discard ones that could not be replicated, avoid duplication of effort, integrate various lines of research (David 1998)
- Research will be out in the open much sooner
- Scholars worldwide read the latest research and enter the global economic conversation

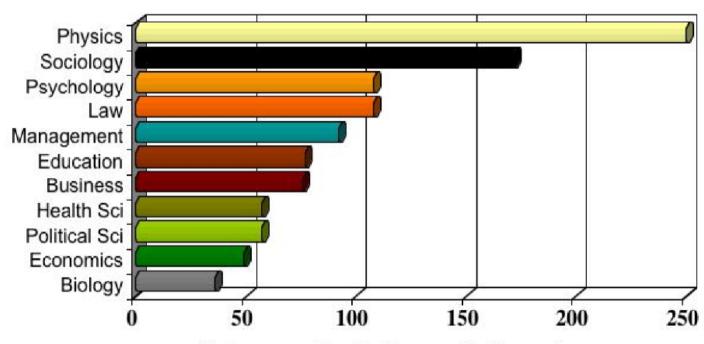
## Vastly increases **visibility, usage, impact** of your research







### **Open Access Increases Citations**



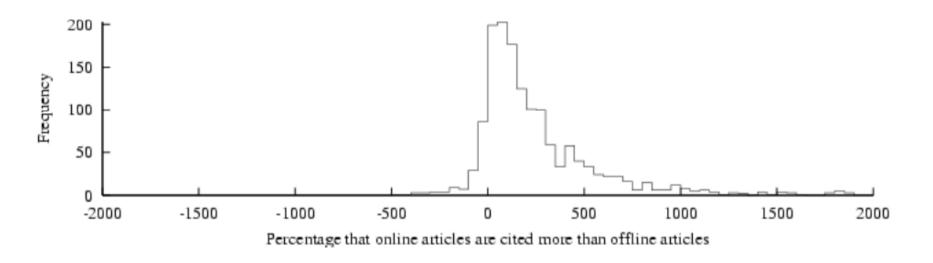
% increase in citations with Open Access

Range = 36%-200%

(Data: Brody & Harnad 2004; Hajjem et al.

2005)

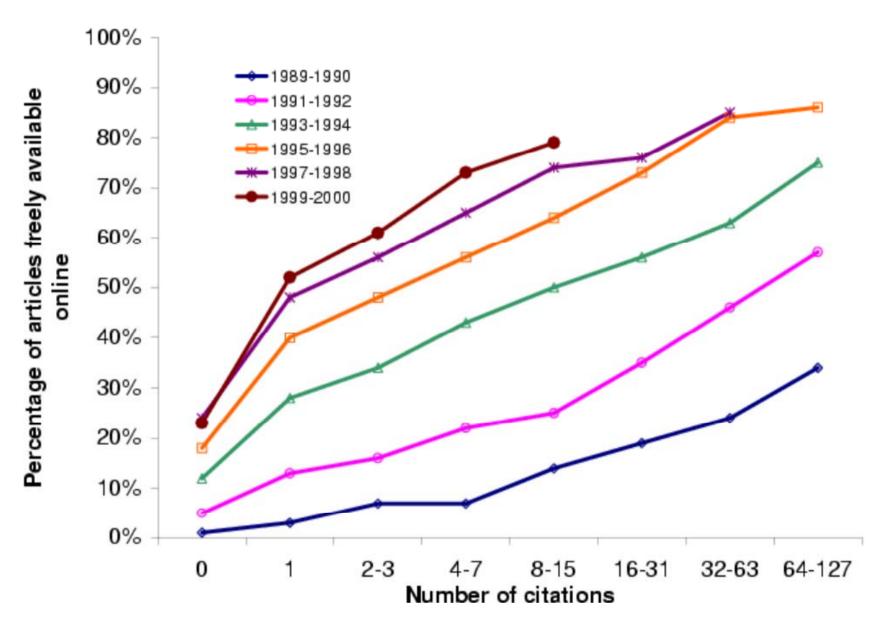
### "Online or Invisible?" (Lawrence 2001)



"average of 336% more citations to online articles compared to offline articles published in the same venue"

Lawrence, S. (2001) Free online availability substantially increases a paper's impact Nature 411 (6837): 521.

http://www.neci.nec.com/~lawrence/papers/online-nature01/



(Harnad, S 2009, 'Mandates and metrics: how open repositories enable universities to manage, measure, and maximise their research assets)

### http://www.youtube.com/watch?v=g2JT23E1bRE



BioMed Central's authors and editors discuss the benefits of open access publishing

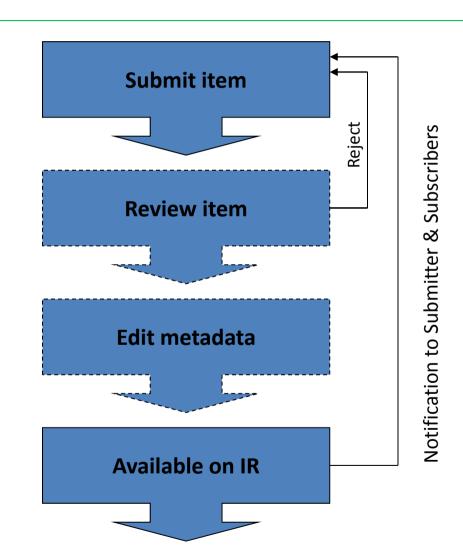
### **Benefits for the Stellenbosch University**

- Central archive/digital library of all SU research most important asset
- Preserve all research for years to come
- Persistent URL's
- All items incl. full text pdf fully searchable
- Require uploading on IR at no extra expense
- Increase research profile of SU even more
- Increase ranking on international lists of top universities

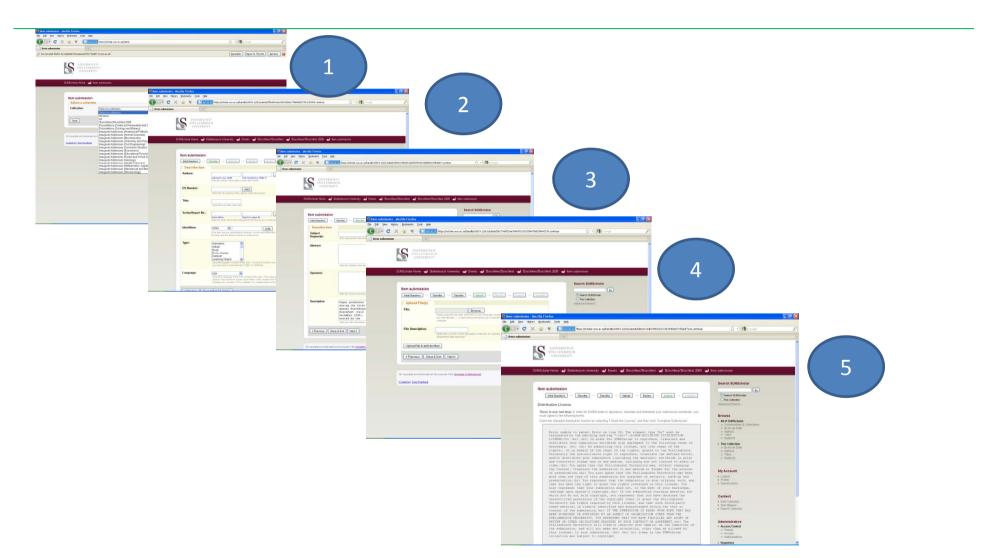
### **Our Commitment**

- Negotiate for and provide server space
- Management on technical & operational level
- Maintain SUNScholar for the long term
- Add value (library cataloguers)
- Training & Support
- Marketing
- Advise on digital matters etc.
- Conduct surveys & research state-of-the-art repository
- Register SUNScholar with other search engines & harvesters

### Workflow



### **Submission Process**



### Become part of SUNScholar ....

- Join our mailing list e-mail: <u>ismith@sun.ac.za</u>
- Attend training sessions
- Collect full text of all research output
- Future: obtain permission for 2<sup>nd</sup> copy on IR
- Copyright clearance
- Digitize if needed
- Register as a Submitter
- Submit in pdf
- Start populating Arts & Social Sciences on SUNScholar!

# "The job of research is only half-done if the results of that research cannot reach the widest audience."

- Wellcome Trust -

