

# University of Pretoria

## A personal reflection on the Open Access mandate of the University of Pretoria

Elsabé Olivier

Wits Open Access Week programme 19 October 2010



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University of Pretoria Theses and Dissertations (UPeTD) - Windows Internet Explorer

http://upetd.up.ac.za/UPeTD.htm

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2000 : UPeTD repository for theses and dissertations - current total 5928

University of Pretoria

NEWS

Elsabe Olivier elected to the NDLTD board

\*\*\*

UPeTD has improved its rating in the international Webometrics ranking of institutional repositories once more. We are now no. 65 worldwide in terms of content, size and visibility. [Read more](#)

\*\*\*

UP receives two NDLTD awards. *Monica Hammes* for ETD leadership, and *Jacques Orton* for Innovative learning through ETDs. [Read more](#)

\*\*\*

UPeTD celebrates [10 years of success](#)

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UPeTD for

- Access to UP theses
- UP student guidelines and support for online submission
- Access to the submission system

> UPeTD Home

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Welcome to the University of Pretoria electronic theses and dissertations service

- search the UPeTD collection
- browse the UPeTD collection
- access to UP theses and dissertations in paper format
- other etd collections worldwide
- submit your thesis or dissertation online
- copyright and intellectual property

Database pages best viewed in Internet Explorer

NDLTD

[UPeTD forms part of the Networked Digital Library of Theses and Dissertations](#)

It is compulsory for UP students to submit their theses and dissertations to UPeTD

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# 2006 : UPSpace. The article collection is openUP



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- Mapungubwe Collections (66 items)
- Natural & Agricultural Sciences (1 194 items)
- OpenUP (4 812 items)**
- Research and Innovation (1 item)
- South African National Veterinary Repository (235 items)
- Special Collections (1 249)
- Theology (1 625 items)
- UP E-Press (5 items)
- UP Executive Office (20 items)
- UPSpace (214 items)
- University of Pretoria Archives (279 items)
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OPEN KNOWLEDGE

### Search other repositories

- IRSpace (SA & Africa)
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- NDLTD (ETDs Worldwide)

### UPSpace supports Open Access!

Read more about OA  
UP Open Access Mandate

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UPSpace at the University of Pretoria: Jonathan Jansen Collection (197 items) - Windows Internet Explorer

http://repository.up.ac.za/upspace/handle/2263/108

# Jonathan Jansen Collection – vice-chancellor University of the Free State & Honorary Professor of Education at the University of the Witwatersrand

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**Jonathan Jansen Collection (197 items)**  
Community home page

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Professor Jonathan Jansen obtained his PhD at Stanford University School of Education and his MS in Science Education at Cornell University. He served as the Dean of the Faculty of Education, University of Pretoria up to March 2007, and is internationally regarded as one of the top researchers in the field of education. This collection contains the research output of Prof Jansen from 1988 until 2007.

**Collections in this community**

- Knowledge & Research Collection (Jonathan Jansen)
- Media Columns (Jonathan Jansen)
- Photo Album (Jonathan Jansen)
- Radio & TV Interviews (Jonathan Jansen)
- Research Articles (Jonathan Jansen)
- Speeches (Jonathan Jansen)

**Recent Submissions**

[The leadership of transition : correction, conciliation and change in South African education](#)

[Afskeidsgeleentheid van prof. Jonathan Jansen 27 Maart 2007](#)

[Tuks education boffin resigns](#)

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[Tuks 'must nurture black academics'](#)

**RSS Feeds**

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jonathan jansen

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[UPSpace at the University of Pretoria: Jonathan Jansen Collection ...](#)

Professor **Jonathan Jansen** obtained his PhD at Stanford University School of Education and his MS in Science Education at Cornell University. ...  
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[PDF] [Jonathan D. Jansen](#)

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[Prof. Jonathan Jansen 5582 - Who's Who SA](#)

**Jonathan Jansen**. Vice-Chancellor of the University of the Free State. South Africa, Professional Services General. Professional Billboard: ...  
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[Jonathan Jansen's inaugural speech as Vice Chancellor of](#)

20 Oct 2009 ... In case you missed it, it's worth a thorough read: Inaugural Rector and Vice-Chancellor of the University of the Free ...  
[blogs.timeslive.co.za/.../jonathan-jansens-inaugural-speech-as-vice-chancellor/](http://blogs.timeslive.co.za/.../jonathan-jansens-inaugural-speech-as-vice-chancellor/) - Cached - Similar

[Jonathan Jansen | EMASA](#)

**Jonathan Jansen** is Honorary Professor of Education at the University of the Free State, is also a Scholar-in-Residence at the Oprah Winfrey Leadership Academy ...  
[www.emasa.co.za](http://www.emasa.co.za) » CCEAM 2008 » Keynote Speakers - Cached - Similar

[Talk with Jonathan Jansen on his New Book, Knowledge in the Blood](#)

28 Apr 2009 ... Alert! BOOK SA has received a late-notice invite to a talk with outspoken educationist **Jonathan Jansen** on his new book, ...  
[book.co.za/.../talk-with-jonathan-jansen-on-his-new-book-knowledge-in-the-blood/](http://book.co.za/.../talk-with-jonathan-jansen-on-his-new-book-knowledge-in-the-blood/) - Cached

[Jonathan Jansen - Mail & Guardian Online: The smart news source](#)

**Jonathan Jansen**, The Mail & Guardian Online is South Africa's oldest quality news source on the web and Africa's first online newspaper, offering breaking news ...  
[www.mg.co.za/person/jonathan-jansen](http://www.mg.co.za/person/jonathan-jansen) - Cached - Similar

[jonathan jansen on News24](#)

Still the first hit on Google and his article is the most read item in UPSpace! Proof of increased visibility & accessibility

**CURRICULUM REFORM IN SOUTH AFRICA: A CRITICAL ANALYSIS OF OUTCOMES-BASED EDUCATION** [1]

**ABSTRACT** Since South Africa's first national democratic elections in 1994, the Government of National Unity has issued several curriculum-related reforms intended to democratise education and eliminate inequalities in the post-apartheid education system. The most comprehensive of these reforms has been labelled outcomes-based education (OBE), an approach to education which underpins the new Curriculum 2005. While the anticipated positive effects of the new curriculum have been widely heralded, there has been little criticism of these proposals given the social and educational context of South African schools. In this article the philosophical, political and implementational dilemmas of OBE are systematically analysed and assessed.

**INTRODUCTION**

Since South Africa's first post-apartheid elections in April 1994, the Ministry of Education has introduced three national curriculum reform initiatives focussed on schools. The first attempt was to purge the apartheid curriculum (school syllabuses) of 'racially offensive and outdated content' (Jansen, 1997), while the second introduced continuous assessment into schools (Lucen et al., 1998). However, the most controversial reform was the installation of

The UP Open Scholarship Programme was formalized in 2007 with the objective to change scholarship practice at UP towards becoming an Open Scholarship institution



Library Home >> Open Scholarship

### UP Open Scholarship Programme (openUP)

#### About

The UP Open Scholarship Programme has the following objective:  
*To change scholarship practice at UP towards becoming an Open Scholarship institution with these characteristics*

1. Theses and dissertations are available online and open access based on a policy of mandatory submission
2. Research and conference papers are available online and open access and researchers actively contribute based on a policy of mandatory submission
3. Researchers and students actively use open access material
4. Researchers publish in available open access journals and the institution has policy and financial support in place for that
5. Researchers actively manage the copyright of their publications, inter alia with addenda to their contracts or using Creative Commons contracts, and the necessary policy exists
6. Publications from the institution's press/publishing house are available in open access based on policy
7. The institution publishes its own online open access journals OR provides infrastructure and support for members of its community who are involved with society publishing
8. Dissemination forms part of its publication strategies

Click here to view the [Strategy Map](#) for the programme  
Click here to view the [UP Open Access Scorecard](#)

[Recent documents about the programme](#)

UP mandate Africa - SPARC  
Open Scholarship and research reporting in tandem : creating more value by Elsabe Olivier  
The open access mandate : a key element of open scholarship by Monica Hammes  
Third generation balanced scorecards for libraries by Monica Hammes

The Open Scholarship programme is managed by the Open Scholarship Office in the Merensky Library on the Hatfield Campus.

The following four sub-programmes are in operation:

#### News

##### UP on NDLT Board

Elsabé Olivier, Manager of the UP Open Scholarship programme has been elected to represent Africa on the NDLT board.

##### UPeTD ranking improves from 95 to 65

In July 2010 UPeTD was ranked no. 65 worldwide in terms of content, size and visibility by the international [Webometrics ranking](#).

##### UP receives two 2010 NDLT awards

The NDLT (Networked Digital Library of Theses and Dissertations) consortium annually recognizes students who have written exemplary theses or dissertations as well as leaders who have made significant contributions to the worldwide ETD movement.

*Monica Hammes*, recently retired deputy director of the Library Services who started the UP Open Scholarship programme received a leadership award.

*Jacques Orton* received an Innovative Learning through ETDs Award for his master's dissertation "[Urban Agriculture. A Community Development Project](#)". Jacques explored the possibilities in shifting ecological, environmental and economic trends towards long-term sustainability in post-apartheid South Africa. His plans to revitalize an aging urban center in the outskirts of Pretoria are now the talk of scholars and urban planners who are advocating for legislative policy change. His vision presents the tremendous potential to turn-around the

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- Student/WEB
- IntraUP

# Open Scholarship areas

- Archiving of the electronic theses and dissertations (UPeTD)
- Archiving of the research papers (openUP)
- Collaboration with the Department of Research & Innovation
- Advice and facilitation of Open Access journal initiatives
- Open Access mandate was adopted in 2009 by UP Senate  
<http://www.library.up.ac.za/openup/mandates.htm>





# Open Access mandate policy statement

To assist the University of Pretoria in providing open access to scholarly articles and conference papers resulting from research done at the University, and which are wholly or in part supported by public funding, staff and students are **required** to

- submit **peer-reviewed postprints** of their articles and published conference papers to **UPSpace**, the University's institutional repository (<https://www.up.ac.za/dspace/>), **AND**
- give the University **permission** to a) make the content **freely available** and b) to take necessary steps to **preserve files** in perpetuity



# Factors that contribute to openUP's success

- Dedicated Open Scholarship Manager
- Copyright/archiving policies are checked on SHERPA
- Archiving rights are negotiated on behalf of authors
- Many of the DOE journals have given permission for archiving
- Database of rights has been developed & is maintained
- Collaboration with the Department of Research & Innovation
- Annual library finds : 134 in 2009 (73.82 units – unit equals R90 000)
- Full text of the articles are linked to the research report
  - 56% in 2007, 62% in 2008, 62% in 2009



## University of Pretoria Research Report 2008



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### Faculty of Natural and Agricultural Sciences School of Physical Sciences Department of Chemistry Research articles in refereed specialist journals

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A C E F I J O P S

#### A

Dinesh J, [Rademeyer M](#), Billing DG, Lemmerer A: 2008. Bis(2-methyl-4-nitroanilinium) tetrachloridomercurate(II). **Acta Crystallographica Section E-Structure Reports Online**, E64, pp M-1598.

[Potgieter M](#), Davidowitz B, Venter EMM: 2008. Assessment of preparedness of first-year chemistry students: development and application of an instrument for diagnostic and placement purposes. **African Journal of Research in Mathematics, Science and Technology Education**, 12 (SE), pp 1-18, [Full Text](#)

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#### C

Benadie Y, Deysel MSM, Siko DGR, Roberts VV, [van Wynngaardt S](#), Thanyani ST, Sekanka G, Ten Bokum A, Grooten J, Baird MS, [Verschoor JA](#), [Pilcher \(Collett\) LA](#): 2008. Cholesteroid nature of free mycolic acids from *M. tuberculosis*. **Chemistry and Physics of Lipids**, 152, pp 95-103.

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#### E

Agboola BO, [Ozoemena KI](#): 2008. Efficient electrocatalytic detection of epinephrine at gold electrodes modified with self-assembled metallo-octacarboxyphthalocyanine complexes. **Electroanalysis**, 20 (15), pp 1696-1707.

[Ozoemena KI](#), Nkosi D, Pillay J: 2008. Influence of solution pH on the electron transport of the self-assembled nanoarrays of single-walled carbon nanotube-cobalt tetra-aminophthalocyanine on gold electrodes: Electrocatalytic detection of epinephrine. **Electrochimica Acta**, 53, pp 2844-2851.

Adekunle AS, [Ozoemena KI](#): 2008. Electron transfer behaviour of single-walled carbon nanotubes electro-decorated with nickel and

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**Title:** Assessment of preparedness of first-year chemistry students : development and application of an instrument of diagnostic and placement purposes

**Inquiries:** [marietjie.potgieter@up.ac.za](mailto:marietjie.potgieter@up.ac.za)

**Author/s:** Potgieter, Marietjie  
Davidowitz, Bette  
Venter, Elsie

**LC Subjects:** Rasch models  
Universities and colleges -- Entrance requirements  
Chemistry

**Keywords:** Instrument for diagnostic purposes  
Development programmes

**Issue Date:** 2008

**Publisher:** Southern African Association for Research in Education

**Citation:** Potgieter, M, Davidowitz, B & Venter, E 2008. Assessment of preparedness of first-year chemistry students : development and application of an instrument of diagnostic and placement purposes. *African Journal of Research in SMT Education*, vol. 12, Special Edition, pp. 1-8 [<http://www.ajrsmte.com>]

**Abstract:** Many universities in South Africa use alternative admissions tests together with results of the Grade 12 examinations for access or placement. These tests focus on academic literacy and mathematical skills and do not provide information about proficiencies in disciplines other than mathematics. The implementation of a new curriculum for Grades 10-12 in South Africa generates a need to monitor preparedness of first-year students to align first-year curricula as closely as possible to the content of the new syllabi. The need for a tailor-made instrument to assess preparedness for chemistry at the tertiary level was prompted by the lack of suitable tests with the appropriate focus, depth and coverage for application in the South African context.

**URI:** <http://hdl.handle.net/2263/10179>

**ISSN:** 1028-8457

**Rights:** Southern African Association for Research in Education

**Type:** Article

**Language:** en

**Appears in Collections:** [openUP](#)  
[Research Articles \(Chemistry\)](#)

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**Benefits : maximise the impact of UP research & ease annual research reporting**

African Journal of Research in SMT Education, Volume 12 Special Edition 2008, pp. 1-18

**Assessment of preparedness of first-year chemistry students: development and application of an instrument for diagnostic and placement purposes**

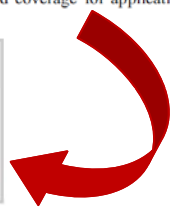
Marietjie Potgieter<sup>1</sup>, Bette Davidowitz<sup>2</sup> and Elsie Venter<sup>3</sup>

<sup>1</sup>Department of Chemistry, University of Pretoria, South Africa  
<sup>2</sup>Department of Chemistry, University of Cape Town, South Africa  
<sup>3</sup>Centre for Evaluation and Assessment, University of Pretoria, South Africa  
 E-mail: [marietjie.potgieter@up.ac.za](mailto:marietjie.potgieter@up.ac.za); [bette.davidowitz@uct.ac.za](mailto:bette.davidowitz@uct.ac.za); [elsie.venter@up.ac.za](mailto:elsie.venter@up.ac.za).

**Abstract**  
 Many universities in South Africa use alternative admissions tests together with results of the Grade 12 examinations for access or placement. These tests focus on academic literacy and mathematical skills and do not provide information about proficiencies in disciplines other than mathematics. The implementation of a new curriculum for Grades 10-12 in South Africa generates a need to monitor preparedness of first-year students to align first-year curricula as closely as possible to the content of the new syllabi. The need for a tailor-made instrument to assess preparedness for chemistry at the tertiary level was prompted by the lack of suitable tests with the appropriate focus, depth and coverage for application in the South African context.

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<a href="#">Potgieter_Assessment(2008).pdf</a>	Article	194.7 kB	Adobe PDF <a href="#">View/Open</a>



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# Challenges & hurdles

- Uptake to self-archive by authors is very low
  - “I do not have the time”
  - “My papers are already available on our departmental website”
  - “I am worried about the publisher’s copyright regulations”
  - “Archiving in a repository makes it easy to plagiarize”
  - “I don’t want to archive the post-print version of my research paper”
  - “I don’t save the post-print”
  - “What is a post-print?”
  - “I don’t want to jeopardise my good standing with my publisher/editor”
  - “This was the library’s bright idea – appoint staff to do it”



# Conclusion

- Implementation of a mandate is hard work
- Authors need to be convinced of the benefits
- Dedication, commitment & resources
- UP follows a mediated approach
- BUT I firmly believe that
  - Researchers benefit from Open Access as no library can afford to subscribe to every scientific journal
  - Once researchers reap the benefits they will start contributing actively
- Access to information is central to our profession – it's worth it!



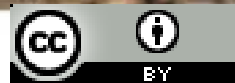
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Thank you!  
Questions?

[elsabe.olivier@up.ac.za](mailto:elsabe.olivier@up.ac.za)



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[www.up.ac.za](http://www.up.ac.za)

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5. Wikipedia [http://en.wikipedia.org/wiki/Open\\_access\\_mandat](http://en.wikipedia.org/wiki/Open_access_mandat)

