

**Open Scholarship initiatives**

**@**

**the University of Pretoria**

**Presented to members of NRC-CISTI  
Ottawa, Canada**

**20 June 2008**

**Elsabé Olivier**



**100**  
1908 - 2008



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# The University of Pretoria



- Largest residential university in South Africa
- Leading research university in terms of research output per annum since 1997
- More than 50 000 full-time & part-time students
- Diverse student population representative of all SA cultural and racial backgrounds
- 39 000 residential, 2 400 international and 10 000 distance education students
- More than 3 000 full-time staff members

# Department of Library Services



- Our vision is striving to be a world-class modern academic research library enabling UP to become an internationally recognized research university
- Subscription to 3 146 paper & 3 1497 electronic journals
- 957 779 book titles
- Subscription to 5 substantial electronic book packages and 151 electronic databases
- Special collections: Africana, library collections of several eminent people

# Institutional repositories



- Research repository, UPSPACE
- openUP
- Online collection of theses and dissertations, UPeTD

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**Recent Submissions**

[Substance abuse and psychological well-being of South African adolescents](#)

[An immunohistochemical study of the distribution of intermediate filaments in the ovary of the emu \(\*Dromaius novaehollandiae\*\)](#)

[Disability stakeholders' perspectives regarding social development](#)

[Influence of participation in a 9-week physical training instructors course on selected anthropometric and physical fitness variables](#)

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# Linking articles to annual Research report



Research articles in refereed specialist journals - Microsoft Internet Explorer

Address: <http://web.up.ac.za/research/2006/Faculties/EBIT/INFO/Output/Articles/INFO.html>

Faculty of Engineering, Built Environment and Informatics  
 Technology  
 School of Information Technology  
 Department of Informatics  
 Research articles in refereed specialist journals

Journal Title

Alexander PM: 2006. Virtual teamwork in very large undergraduate classes. *Computers & Education*, 47 (2), pp 127-147.

Alexander PM, Phahlamohlaka L: 2006. Amartya Sen's capability approach applied to information systems research. *South African Computer Journal*, 37 / Dec, pp 1-11.

Byrne E: 2006. Using action research in information systems design to address changes in health information systems case study. *South African Computer Journal*, 37 / Dec, pp 1-11.

Lutu PEN, Engelbrecht AP: 2006. A comparative study of sample selection methods for classification. *South African Computer Journal*, 36 / Dec, pp 69-85.

Schoeman JH, Matthee MC, Van der Merwe P: 2006. The viability of business data mining in the sports environment: Cricket match analysis as application. *South African Journal for Sport, Physical Education and Recreation/ Suid-Afrikaanse Tydskrif vir Navorsing in Sport, Liggaamlike Opvoedkunde en Ontspanning*, 28 (1), pp 109-125.

Phillips AR, Kruger CJ: 2006. Minimizing dysfunctional internal competition: A strategy enabler model. *South African Journal of Information Management*, 8 (1) / Mar, p. Online.

UPSpace at the University of Pretoria: Item 2263/297 - Microsoft Internet Explorer

Address: <https://www.up.ac.za/dspace/handle/2263/297>

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Title: Virtual teamwork in very large undergraduate classes

Inquiries: [pmalex@postino.up.ac.za](mailto:pmalex@postino.up.ac.za)

Author/s: Alexander, P.M.

Keywords: Computer-mediated communication  
 Cooperative and collaborative learning  
 Distributed learning environments  
 Virtual teams

Issue Date: Sep-2006

Publisher: Elsevier

Citation: Alexander, PM 2006. 'Virtual teamwork in very large undergraduate classes', *Computers & Education*, vol. 47, Issue 2, pp. 127-147. (<http://www.sciencedirect.com/science/journal/03601315>)

Abstract

Virtual teamwork in very large undergraduate classes

P.M. Alexander

Department of Informatics, University of Pretoria, Pretoria, South Africa

Abstract

Collaborative work is an important part of tertiary education but it is very difficult to arrange and supervise for extremely large classes of students in their first year. The possibility that computer-mediated communication can be used to facilitate this type of learning is appealing from a pragmatic organisational point of view. This paper explains in detail what a "virtual team" is in the educational context. It reports on an interpretive field study where students taking an introductory course were allowed to choose where and when they did the required collaborative work. The paper discusses the factors that should be taken into account when offering students the option of

# openUP



- Open access to the full text of research articles published by UP staff & students
- It implies a new business model where the creators of knowledge retain copyright and take responsibility for the dissemination of their products
- A University Open access policy has been drafted, which is being discussed with all University faculty members
- Campus-wide implementation in 2009
- 1942 items in openUP

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- Open access to the full text of electronic theses and dissertations published by UP staff & students
- Submissions are made by students or the UPeTD office
- UP holds the copyright of theses & dissertations
- Students may request that copyright be ceded back to them
- This process is done in collaboration with the UP Legal Office

# Open Scholarship Strategy



- Goal:
  - To change scholarship practice at UP towards becoming an Open Scholarship institution
- Philosophy:
  - The job of research is only half-done if the results of that research cannot reach the widest audience (Wellcome Trust)

# Open scholarship characteristics



- **Theses/dissertations** are available online based on a policy of mandatory submission
- **Research/conference papers** are available online
- **Researchers** actively **contribute** based on a policy of mandatory submission
- Researchers/students actively **use** OA material
- Researchers **publish** in available OA journals
- Researchers actively **manage** their **copyright**
- Institution's **publishing house** is available OA
- The institution publishes its own **online OA journals**
- **Dissemination** forms part of its publication strategies

# Mandate



“Secondly, archiving the published research papers and conference proceedings of UP staff and students and making them available to the international research community will integrate the University with the international open access movement. This will ensure enhanced visibility for UP research and its greater impact. The Academic Information Service **will manage** this initiative **and guide** researchers towards contributing. During the period under review, policy on copyright practices and the possible mandatory submission of articles will be developed.” (UP Strategic Plan)

# Open Scholarship staff members



# South African publishers



- Currently very few South African journals appear on the SHERPA/RoMEO database
- Most publishers' policies do not make provision for self archiving or depositing in repositories
- Open access is still a new concept in South Africa and neither publishers nor authors are knowledgeable about copyright
- The openUP Office adopted the following policy:
  - To abide by the copyright policies of the publishers, and to take the responsibility and initiative to contact the publishers on behalf of the authors and to negotiate copyright permission to archive the UP authored research articles
  - To strictly adhere to any embargoes imposed
  - To only archive the metadata of research articles, where archiving is forbidden by the publishers

# UP Publisher policies



Microsoft Excel - UP publisher policies 2008

Publishers guidelines								
Title	Negotiator	Date	Publisher	URL	ISSN	SaE	Full permission	Version
Accountancy SA	Elsabé Olivier	11/5/2007 - kontroleer adres 25/5 NB	South African Institute of Chartered Accountants	<a href="http://www.accountancysa.org.za/">http://www.accountancysa.org.za/</a>	0258-7254	No		
Acta Academica	Elsabé Olivier	12/6/2007	University of the Free State - Sasol Library	<a href="http://www.journals.co.za/ej/ejour-academ.html">http://www.journals.co.za/ej/ejour-academ.html</a>	0587-2405	Yes	Yes	Final publishe version
Acta Commercii	Elsabé Olivier	1/11/2007	University of Johannesburg, Department of Business Management	<a href="http://www.journals.co.za/ej/ejour-acom.html">http://www.journals.co.za/ej/ejour-acom.html</a>	1684-1999	Yes	Yes	Final publishe version
Acta Criminologica: South African Journal of Criminology	Elsabé Olivier	5/6/2007	CRIMSA	<a href="http://www.crimsa.ac.za/">http://www.crimsa.ac.za/</a>	1012-8093	Yes	Yes	Final publishe version
Acta Juridica	Elsabé Olivier	19/6/2007	Juta Law	<a href="http://www.journals.co.za/ej/ejour-jujur.html">http://www.journals.co.za/ej/ejour-jujur.html</a>	07021-73142	Yes	No - 3 months embargo	Version supplied by Juta
Acta Patristica et Byzantina	Elsabé Olivier	29/5/2007 (Skakel 12/6)	Department of Ancient Languages, University of Pretoria	<a href="http://journals.sabinet.co.za/ej/ejour-patris.html">http://journals.sabinet.co.za/ej/ejour-patris.html</a>	1022-6486	Yes	Yes	Final publishe version
Acta Theologica	Elsabé Olivier	4/6/2007	Faculty of Theology of the University of the Orange Free State	<a href="http://www.uovs.ac.za/faculties/content.php?id=3980&amp;FCcode=09">http://www.uovs.ac.za/faculties/content.php?id=3980&amp;FCcode=09</a>	1015-8758	Yes	Yes	Final publishe version
Administratio Publica	Elsabé Olivier	1/11/2007	Association of Teachers in Public Administration		1015-4833	No		
Africa Education Review	Elsabé Olivier	2/4/2007 Unisa is negotiating with T&F	Unisa Press & Taylor and Francis	<a href="http://www.informaworld.com/RAER">http://www.informaworld.com/RAER</a>	1814-6627	Yes		

Ready NUM

# Copyright results



- openUP office has successfully negotiated archiving policies for 219 journal titles
- 47% support open access (PDF version)
- 44% have not replied / formulated a policy yet
- 3% prohibits archiving
- 4% allows the archiving of the pre- or post-print version
- 1% allows the archiving of the post-print version
- 1% allows the archiving of the pre-print version

# Future plans



- **Mandatory submission**
  - Senate decision later this year
  - Extensive information and lobbying campaign
- **openUP office**
  - Encourages researchers to negotiate copyright with publishers by adding the official UP author addendum or by granting copyright in stead of transferring copyright
  - Encourages its authors to publish their research articles in Open access journals
  - Wants to change authors' copyright practice so they retain copyright
    - Copyright addendum to publication contract
    - SPARC author addendum
    - Creative Commons license

# Thank you!



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