



Open Scholarship & research reporting in tandem: creating more value

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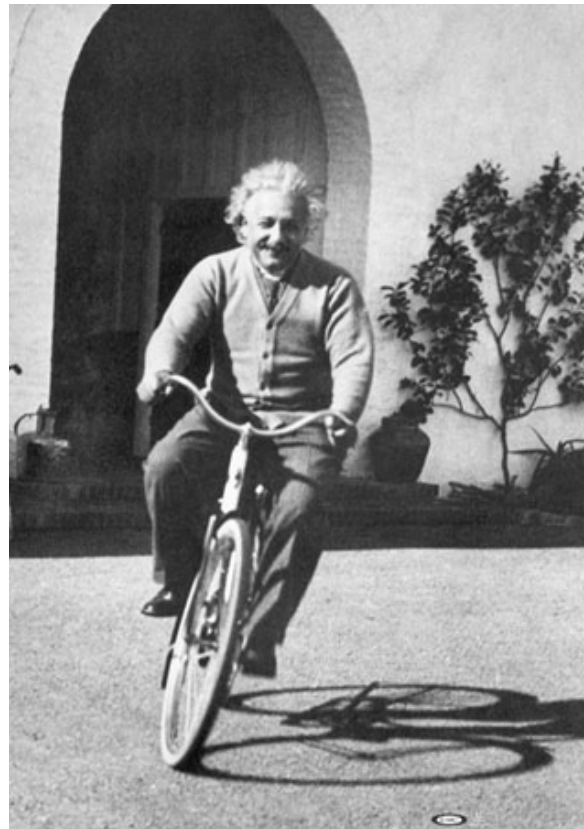
Introduction

- ▶ Purpose of this presentation:
 - ▶ Overview of collaboration between Open Scholarship Office and Department Research and Innovation Support
 - ▶ Result: successful linking of papers/articles in UPSpace to annual research report of 2007
- ▶ Tandem: in Latin adverb meaning at length or finally
- ▶ Term refers to a team working together
- ▶ Universities provide output in the form of research papers/articles
- ▶ Libraries set up repositories to manage the output

Libraries should play a role...



Life is like riding a bicycle - in order to keep your balance, you must keep moving. ~Albert Einstein



<http://xynx.files.wordpress.com/2009/01/alberteinstein.jpg>

100
1908 - 2008

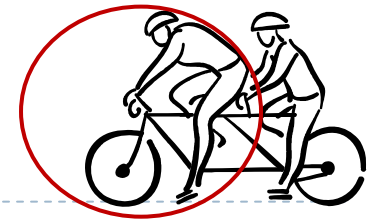


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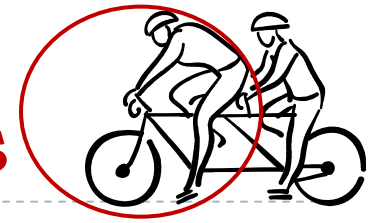
African
Digital
Scholarship
& Curation

The captain or Front drive



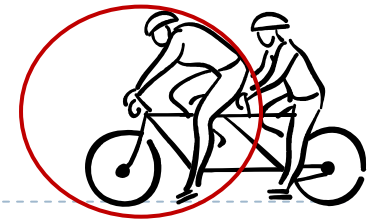
- ▶ Front rider is the captain/pilot/steersman
- ▶ Responsibilities:
 - ▶ Control the bike and steering
 - ▶ Keep the stoker happy!
- ▶ Captain: Open Scholarship Office and openUP (research article collection)
- ▶ Forms part of UPSpace: launched in 2006
- ▶ Aims:
 - ▶ To change scholarship practice at UP towards becoming an open scholarship institution
 - ▶ To provide open access to UP research and scholarship

Open scholarship characteristics



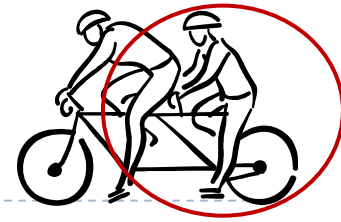
- ▶ Online and open availability of:
 - ▶ Theses and dissertations (<http://upetd.up.ac.za/UPeTD.htm>)
 - ▶ Research and conference papers (<https://www.up.ac.za/dspace/>)
- ▶ Researchers and students:
 - ▶ Actively use open access material
 - ▶ Manage the copyright of their publications
 - ▶ Publish in accredited open access journals
- ▶ The institution:
 - ▶ Publish its own online open access journals or provide infrastructure and support to members
 - ▶ Publishing house's publications are also open access

openUP



- ▶ Collection in UPSpace
- ▶ Offers free, unrestricted open access to full text of research papers/articles published by UP staff, students and affiliates
- ▶ Articles are submitted to relevant department's collection
- ▶ Mapped to openUP
- ▶ Current total 2903
- ▶ openUP research articles are identical to research output in the Research Information System (RIS)

The Stoker/Back drive



- ▶ Rear rider with the responsibility to generate power
- ▶ Stoker: Department of Research & Innovation Support
- ▶ Legal requirement for universities to account research for subsidy purposes (Higher Education Act, 1997)
- ▶ Research output: journals, books & conference proceedings
 - ▶ Submitted annually for preceding year
 - ▶ DoE panel evaluates the submissions before 15 May
- ▶ Journals accepted for audit purposes:
 - ▶ Science Citation Index, Social Sciences Citation Index, Arts & Humanities Citation Index (ISI)
 - ▶ IBSS journals & DoE list of approved SA journals

The Research Information System



- ▶ Departments provide information via the RIS
- ▶ Deans appoint RIS coordinators in each faculty:
 - ▶ Coordinate the capture process
 - ▶ Ensure completeness and correctness of data
- ▶ Research output is audited by external auditors
- ▶ Allocation of units are calculated according to policy
- ▶ Data fields:
 - ▶ Authors and affiliations
 - ▶ Title of article
 - ▶ Journal title, vol, no, month, page numbers
 - ▶ ISSN number etc.

The Drive chain – Research report



- ▶ Drive chain transfer power from the pedals to the rear wheel
- ▶ Drive chain: Research report is published annually (<http://web.up.ac.za/default.asp?ipkCategoryID=1630>)
- ▶ Open Scholarship Office approached Dept of Research & Innovation Support in 2007
- ▶ Suggested new cooperative strategy to enhance Research report
- ▶ The Dept's aim: promote research development
- ▶ Open Scholarship Office's aim: open access to research
- ▶ Strategy was discussed to exchange data

Data exchange via Excel



New%5FAIS%5FFinal%20With%20BibFinds%202008(1) [Compatibility Mode] - Microsoft Excel

Home Insert Page Layout Formulas Data Review View

Clipboard Font Alignment Number Styles Cells Editing

	A	B	C	D	E	F	G	H	I	J	K
1	FacultyID	NameDept	Outputid	Author	JournalName	Title	Vol	No	Month	Year	URI
2	A1	Ekonomie	55538	M Ground,SF Koch,D van Wyk	Acta Academica	South African household expenditure patterns: Alcohol products in 1995 and 2000	40	-1		2008	http://hdl.handle.net/2263/6288
3	A1	Ekonomie	57180	MR Chitiga-Mabugu,T Kandiero,P Ngwenya	Agrekon	Agricultural trade policy reform in South Africa	47	-1	Mar	2008	http://hdl.handle.net/2263/10007
4	A1	Ekonomie	55490	L Ueckermann,JN Blignaut,R Gupta,J Raubenheimer	Agrekon	Modelling South African grain farmers' preferences to adopt derivative contracts using discrete choice models	47	-2		2008	http://hdl.handle.net/2263/6471
5	A1	Ekonomie	59170	JJ Rossouw,J Fourie,V Padayachee	Central Banking	Central bank employees and inflation credibility	XIX	-2	Nov	2008	
6	A1	Ekonomie	55485	JH van Heerden,JN Blignaut,M Horridge	Ecological Economics	Integrated water and economic modelling of the impacts of water market instruments on the South African economy	66	-1		2008	http://hdl.handle.net/2263/6473
7	A1	Ekonomie	55487	J Turpie,C Marais,JN Blignaut	Ecological Economics	The working for water programme: Evolution of a payments for ecosystem services mechanism that addresses both poverty and ecosystem service delivery in South Africa.	65	-4		2008	http://hdl.handle.net/2263/5811
8	A1	Ekonomie	57220	K Matthews,P Minford,R Naraidoo	European Journal of Political Economy	Vicious and virtuous circles - The political economy of unemployment in interwar UK and USA	24			2008	http://hdl.handle.net/2263/10005
9	A1	Ekonomie	55497	R Gupta,AG Karapatakis	ICFAI Journal of Monetary Economics	Financial Liberalization: A Myth or a Miracle Cure?	VI	-1	Feb	2008	
	A1	Ekonomie	55501	MR Chitiga-Mabugu,R	Journal of African	Evaluating the impact of land redistribution: A CGE	17	-4	Aug	2008	http://hdl.handle.net/2263/7171

Ready | 2008 articles | Possible finds | 100%

The Drive chain – Research report



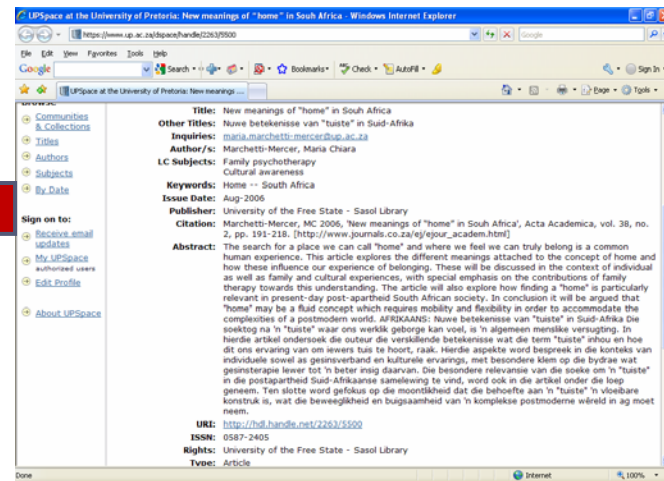
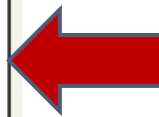
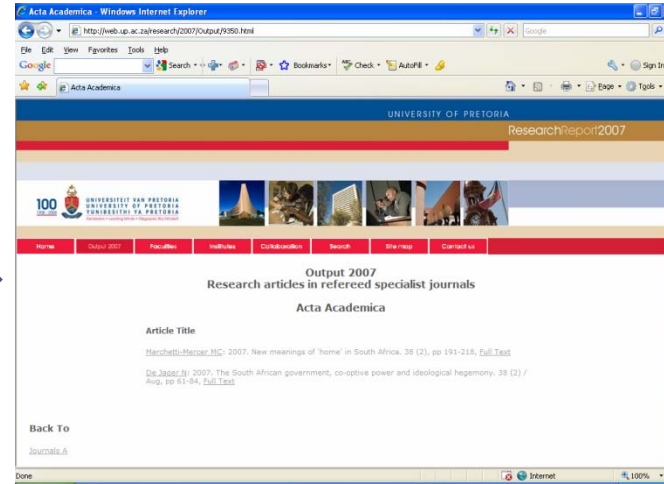
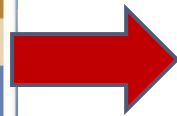
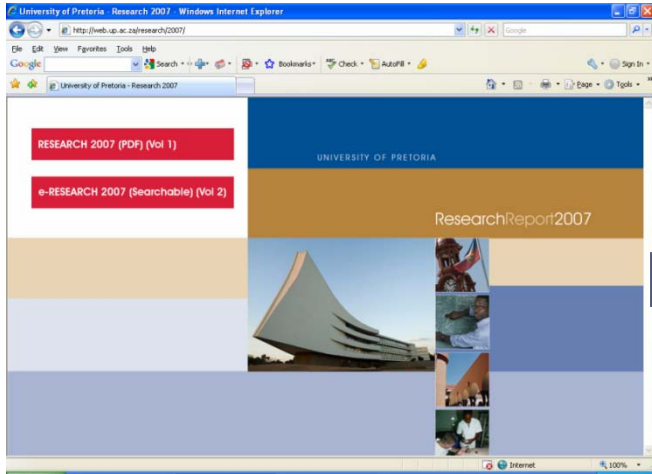
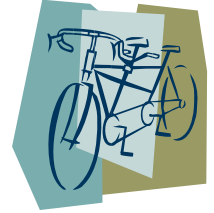
- ▶ Open Scholarship Office was tasked to:
 - ▶ Check the list against articles in UPSpace
 - ▶ Add the URI (Uniform Resource Identifier) to the list
 - ▶ Report missing data or additional articles
- ▶ Open Scholarship Office
 - ▶ Virtual team
 - ▶ 19 submitters
 - ▶ 13 metadata editors

The Drive chain – Research report



- ▶ 2008:
 - ▶ Identified 21 additional articles available in openUP
 - ▶ Not captured by RIS
 - ▶ Would possibly have been “lost”
 - ▶ Additional 13.83 units were added to audit certificate
 - ▶ R90 000 per unit for 2007
 - ▶ Total articles in Report 1531
 - ▶ Total linked 863 (openUP) 56%
- ▶ 2009: (still in process)
 - ▶ Identified ± 65 additional 2008 articles
 - ▶ ??? units and R???

UP Research report 2007





Creating more value

- ▶ Two departments shared goals of maximizing research impact by maximizing research output
- ▶ New co-operative strategy was mutually beneficial
 - ▶ Open Scholarship Office/Captain: had access to output
 - ▶ Dept/Stoker: received additional funding & enhanced the Report with metadata and full text
- ▶ We believe this will result in higher citations
- ▶ Collaboration has resulted:
 - ▶ More effective research reporting
 - ▶ Our repository has become valuable tool in research process
 - ▶ Enhanced research access and visibility

The road ahead



- ▶ Linking theses and dissertations
- ▶ Strengthening ties with data capturers
- ▶ Automatic exchange of data between RIS, UPSpace and Oracle's PeopleSoft (comprehensive business application)
- ▶ Sharing data is essential
- ▶ “Librarians need to ask, what is the relationship of open access repositories to those databases of research publications” - (Joint 2008)

University of Glasgow



Latest Additions to Enlighten - Enlighten - Windows Internet Explorer

http://eprints.gla.ac.uk/cgi/latest

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Enlighten

Research publications by members of the University of Glasgow

home > services > Enlighten

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 - Year
 - Subject
 - Journal
 - Author
 - Faculty/Department
- MyEnlighten
 - Login
 - Create Account

Latest Additions to Enlighten

Today

Angelis, E. et al. (2008) *A cyclin D2-Rb pathway regulates cardiac myocyte size and RNA polymerase III after biomechanical stress in adult myocardium*. *Circulation Research*, 102 (10). pp. 1222-1229. ISSN 0009-7330

Fowler, M.R. and Colotti, G. and Chiancone, E. and Smith, G.L. and Fearon, I.M. (2008) *Sorcini modulates cardiac L-type Ca²⁺ current by functional interaction with the alpha(1C) subunit in rabbits*. *Experimental Physiology*, 93 (12). pp. 1233-1238. ISSN 0958-0670

Bissett, A. (2007) *The new Weeigies: The Glasgow novel in the 21st century*. In: *The Edinburgh Companion to Contemporary Scottish Literature*. Edinburgh University Press, Edinburgh, pp. 59-67. ISBN 9780748623952

Coyle, J.G. (2007) *Don DeLillo, aesthetic transcendence and the Kitsch of death*. *European Journal of American Culture*, 26 (1). pp. 27-39. ISSN 1466-0407

Coyle, J.G. (2007) *Mourning and rumour in Ford and Proust*. In: *Ford Madox Ford's Literary Contacts*. Rodopi, pp. 27-39. ISBN 9789042022485

Creasy, M. (2007) *Empson's tact*. In: *Some Versions of Empson*. Oxford University Press, Oxford, pp. 182-200. ISBN 9780199286362

Creasy, M. (2007) *Manuscripts and misquotations: Ulysses and genetic criticism*. *Joyce Studies Annual*, 2007. ISSN 1049-0809

Cummings, R.M. (2007) *Recent studies in English translation, c.1520-c.1590*. *English Literary Renaissance*,

Southampton University



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Number of items: 366.

Article

Vance, Derek, Teagle, Damon A.H. and Foster, Gavin L. (2009) [Variable Quaternary chemical weathering fluxes and imbalances in marine geochemical budgets](#). *Nature*, 458, (7237), 493-496. (doi:10.1038/nature07828)

Armstrong, Chris (2009) [Defending the duty of assistance?](#) *Social Theory and Practice* (In Press)

Parker, Matthew, McBride, Sebastian, Redhead, Edward and Goodwin, Deborah (2009) [Differential place and response learning in horses displaying an oral stereotypy](#). *Behavioural Brain Research*, 200, (1), 100-105. (doi:10.1016/j.bbr.2008.12.033)

Phillips, Dean R., Barnard, Sue, Mullee, Mark A. and Hurley, Michael V. (2009) [Simple anatomical information improves the accuracy of locating specific spinous processes during manual examination of the low back](#). *Manual Therapy*, 14, (3), 346-350. (doi:10.1016/j.math.2008.02.009)

Meese, Tim S. and Baker, Daniel H. (2009) [Cross-orientation masking is speed invariant between ocular pathways but speed dependent within them](#). *Journal of Vision*, 9, (5), 1-15. (doi:10.1167/9.5.2)

Fairman, M.J., Price, A.R., Xue, G., Molinari, M., Nicole, D.A., Lenton, T.M., Marsh, R., Takeda, K. and Cox, S.J.



Kingston University

A screenshot of a Windows Internet Explorer browser window. The address bar shows the URL 'http://kueprints3.kingston.ac.uk/cgi/latest'. The page title is 'Latest Additions to Research Repository - Research Repository'. The main content area displays 'Kingston University London Research Repository' with navigation links for Home, About, Browse by Year, Browse by Research Area, Browse by Faculty, Search, and Help. A 'Login' button is visible. The page lists 'Latest Additions to Research Repository' categorized by 'Today' and 'Yesterday'.

Kingston University London
Research Repository

Home | About | Browse by Year | Browse by Research Area | Browse by Faculty | Search | Help

Login

Latest Additions to Research Repository

Today

Ucci, M. , Pretlove, S.E.C. , Biddulph, P. , Oreszczyn, T. , Wilkinson, T. , Crowther, D. , Scadding, G. , Hart, B. and Mumovic, D. (2007) [The psychrometric control of house dust mites: a pilot study](#). *Building Services Engineering Research and Technology*, 28(4), pp. 347-356. ISSN (print) 0143-6244

Yesterday

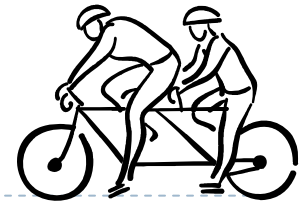
Ferraris, S.A. and Wen, J. (2008) [LES of the SANDIA Flame D using Laminar Flamelet Decomposition for conditional source-term estimation](#). *Flow Turbulence and Combustion*, 81(4), pp. 609-639. ISSN (print) 1386-6184

Zhang, J. , Dembele, S. and Wen, J.X. (2009) [Investigation of turbulence models for CFD simulations of gas and liquid pool fires](#). *Journal of Fire Sciences*, 27(2), pp. 157-182. ISSN (print) 0734-9041

Xu, B.P. , Wen, J. X. , Dembele, S. , Tam, V.H.Y. and Hawksworth, S.J. (2009) [The effect of pressure boundary rupture rate on spontaneous ignition of pressurized hydrogen release](#). *Journal of Loss Prevention in the Process Industries*, 22(3), pp. 279-287. ISSN (print) 0950-4230

Beck, Peter (2001) [Using the archives, 4: National Archives at College Park \(Archives II\) and the Nixon Presidential Materials](#)

Conclusion



- ▶ Cycling is rewarding, but a tandem adds a new dimension
 - ▶ Differing strengths and ability to ride together
 - ▶ Solitary activity becomes a mutual experience
- ▶ New collaborative effort creates more value for university
- ▶ Complementary roles
- ▶ Add significant value in UP research arena
- ▶ UP first higher education institution to achieve this milestone
- ▶ This tandem...keeps on moving!

Thank you!

Questions for the Stoker?

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CANSA
City Cycle Challenge 1999

100
1908 - 2008



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- ▶ Eysenbach, G 2006, 'Citation Advantage of Open Access Articles', *PLoS Biology*, vol. 4, no. 5, pp. 692-698. <http://biology.plosjournals.org/perlserv/?request=getdocument&doi=10.1371%2Fjournal.pbio.0040157&ct=1>
- ▶ Harnad, S. and Brody, T 2004, 'Comparing the Impact of Open Access (OA) vs. Non-OA Articles in the Same Journals', *D-Lib Magazine*, vol. 10, no. 6.
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- ▶ Ministry of Education 2003, 'Policy and Procedures for measurement of Research output of public higher education institutions' <http://www.nwu.ac.za/opencms/export/NWU/html/research/publicationoutput/PolicyMeasurementResearch.pdf>
- ▶ openUP wiki <http://wiki.up.ac.za/index.php?title=OpenUP>
- ▶ Wikipedia <http://en.wikipedia.org/wiki/Tandem>

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