



UNIVERSITY OF PRETORIA

beats to a different drum:

UPSpace in rhythm with research



Introduction



- UP, SA places a high premium on research
- 2005 research output – leading university
- DoE latest numbers – 20% growth in research
- World-wide tendency: make research available online
 - Distributing knowledge freely between nations
 - Adding value to the research process
- Primary function of UP library: facilitate open access to information for research



Library e-strategy

- Formulated to coordinate various initiatives
- Respond to challenge of integrating products & services with UP core processes in order to:
 - Contribute to international e-information phenomena (open access, digital preservation, e-content)
 - Support education innovation and research excellence
 - Deliver optimal e-information portal services supporting the scientific workflow processes



What is a repository?

“A university-based institutional repository is a **set of services** that a university offers to the **members** of its community for the **management** and **dissemination** of digital materials created by the institution and its community members. It is most essentially an **organizational commitment** to the stewardship of these digital materials, including long-term **preservation** where appropriate, as well as **organization** and **access** or **distribution**”

(Lynch 2003)



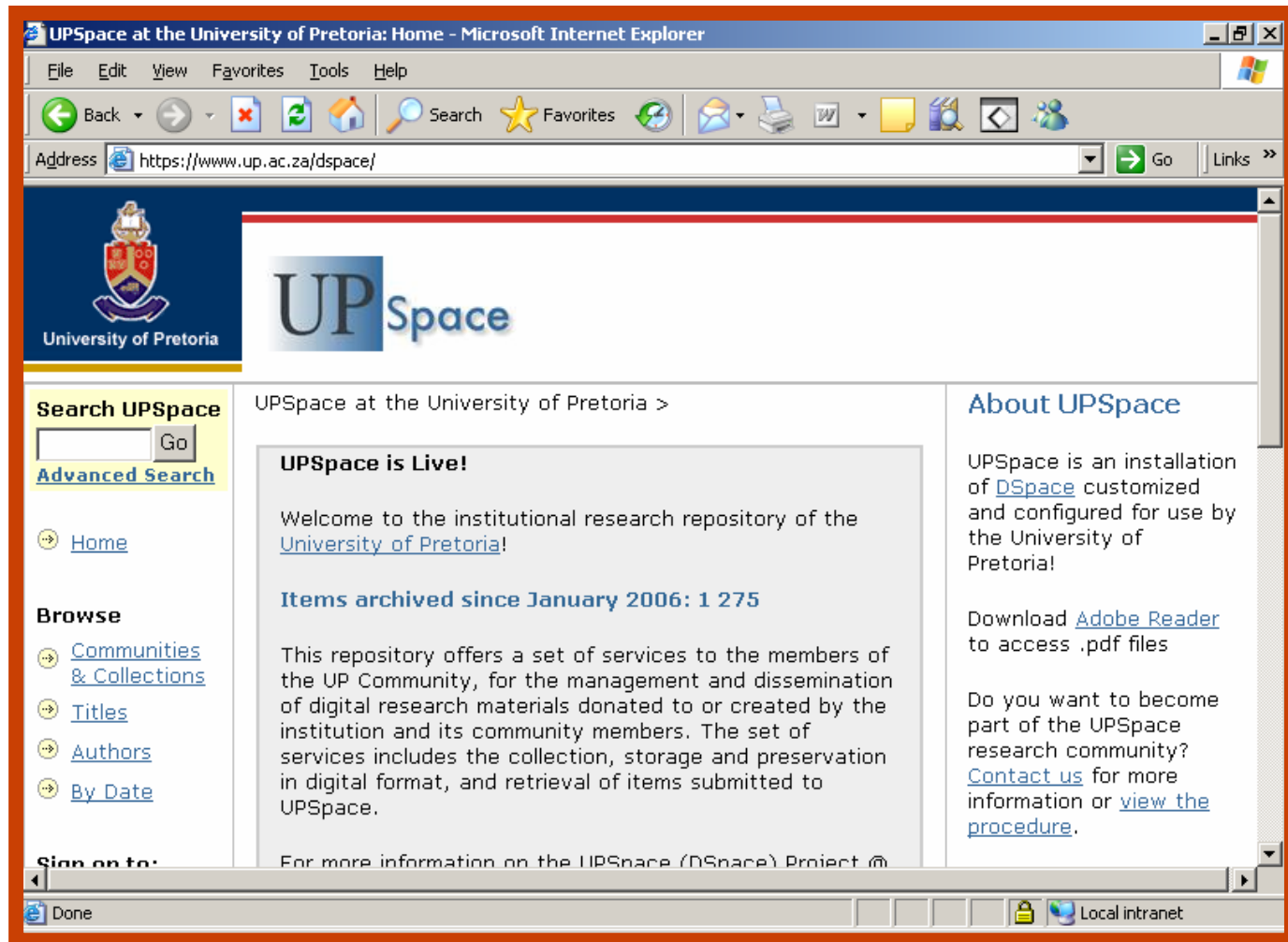
Focus on UPSpace

- ROAR: 1 of 7 repositories in SA
- Unique application across different disciplines
- Aim: allow open access to UP's valuable research resources
- Includes:
 - Digital as well as non-digital born items
 - Rare sources which had restricted access in the past



UPSpace

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




The screenshot shows a Microsoft Internet Explorer browser window displaying the UPSpace website. The browser's address bar shows the URL <https://www.up.ac.za/dspace/>. The website header features the University of Pretoria logo and the "UPSpace" title. The main content area includes a search bar, a navigation menu, and a central announcement. The announcement states "UPSpace is Live!" and provides a welcome message. It also reports that "Items archived since January 2006: 1 275". A sidebar on the right contains an "About UPSpace" section, which explains that UPSpace is a customized DSpace installation for the University of Pretoria. It also provides a link to download Adobe Reader for PDF files and a link to contact the research community. The browser's status bar at the bottom shows "Done" and "Local intranet".

UPSpace at the University of Pretoria: Home - Microsoft Internet Explorer

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Address <https://www.up.ac.za/dspace/> Go Links >>

 University of Pretoria

UPSpace

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UPSpace at the University of Pretoria >

UPSpace is Live!

Welcome to the institutional research repository of the [University of Pretoria!](#)

Items archived since January 2006: 1 275

This repository offers a set of services to the members of the UP Community, for the management and dissemination of digital research materials donated to or created by the institution and its community members. The set of services includes the collection, storage and preservation in digital format, and retrieval of items submitted to UPSpace.

About UPSpace

UPSpace is an installation of [DSpace](#) customized and configured for use by the University of Pretoria!

Download [Adobe Reader](#) to access .pdf files

Do you want to become part of the UPSpace research community? [Contact us](#) for more information or [view the procedure](#).

Sign on to: For more information on the UPSpace (DSpace) Project @

Done Local intranet



Unique UPSpace applications

- Popular research material
 - Including interviews, media columns, videos in the Jonathan Jansen Collection
- Scholarly material
 - post-prints of published articles, collected in the openUP Collection
- Historical/ archival collections
 - Including maps, photographs e.g. the Gerard Moerdyk & Mapungubwe Collections



Prof Jonathan Jansen

- One of the first personalized collections
- Prof Jonathan Jansen
 - Dean of the Faculty of Education
 - Expert: general and higher education
 - Social commentator on life in the new SA
 - Eminent scholar
 - 2005 to July 2006: 34 media columns and 8 articles
 - These items are high in demand
- UPSpace statistics – his items had the most number of views



Jonathan Jansen Collection

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

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Address <https://www.up.ac.za/dspace/handle/2263/108> Go Links >>

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Jonathan Jansen Collection

Community home page



In: Jonathan Jansen Collection

Search for

or browse

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

Recent Submissions

- [Geweld het al die norm geword](#)
- [It's time to face up to dismal reality behind matric euphoria](#)
- [We have settled for a dual system that nurtures pupils' vain hopes](#)
- ['Education must go beyond just getting a certificate'](#)
- [Ons woon lank saam](#)

For inquiries regarding this collection or

Done Local intranet



Main purpose of this collection

- Bring together and preserve the intellectual output of the dean in digital format
- Central archive of his publications (popular as well as research articles), radio and TV interviews, photographs and even PowerPoint presentations since 1990
- Speeches & interviews aren't always published
- This collection helps students to keep track of recent and past submissions



Sub-collections

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

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About DSpace

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](#).

Collections in this community

- [Knowledge & Research Collection](#)
- [Media Columns](#)
- [Photo Album](#)
- [Radio & TV Interviews](#)
- [Research Articles](#)
- [Speeches](#)

For inquiries regarding this collection or items in the collection, please contact [Elsabé Olivier](#) Tel.: +27 12 420 3719

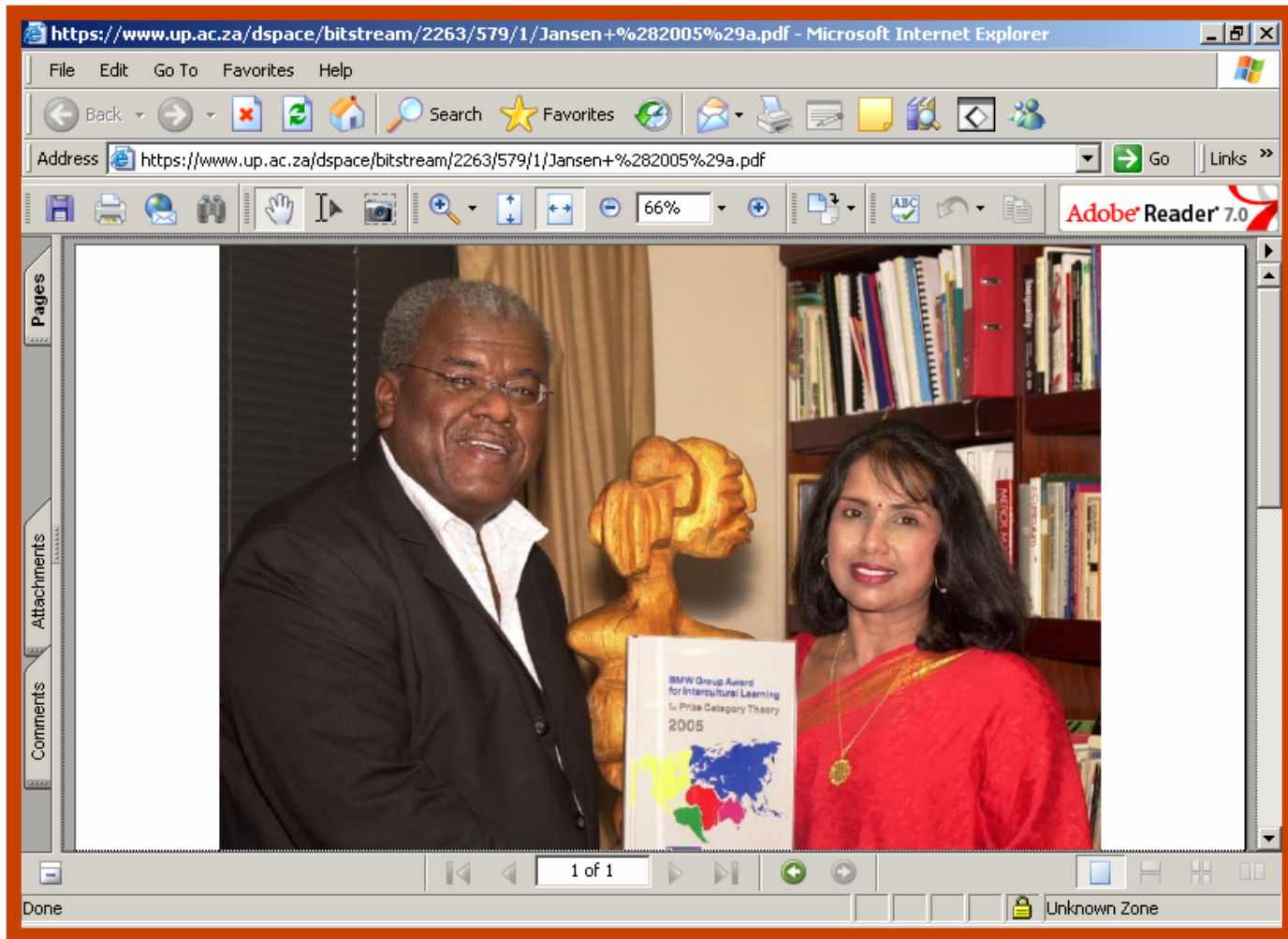
View the [Collection Policy](#)

View the [Subject list for this collection](#)

Local intranet



Photo album



Knowledge and Research collection

https://www.up.ac.za/dspace/bitstream/2263/732/3/Jansen+%282006%29h.pdf - Microsoft Internet Explorer

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Address <https://www.up.ac.za/dspace/bitstream/2263/732/3/Jansen+%282006%29h.pdf> Go Links >>

Pages Attachments Comments

To do academic writing, you need to

- have done academic research;
- do academic reading;
- develop academic discipline;
- generate academic organisation;
- allow for academic experimentation;
- academic writing

University of Pretoria

2 of 4

Done Unknown Zone



Media columns

https://www.up.ac.za/dspace/bitstream/2263/1580/1/Jansen+%282007%29a.pdf - Microsoft Internet Explorer

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Address https://www.up.ac.za/dspace/bitstream/2263/1580/1/Jansen+%282007%29a.pdf Go Links

50%

Adobe Reader 7.0

It's time to face up to dismal reality behind matric euphoria

Jonathan Jansen

Opinion

IN A BRILLIANT new documentary about a class of matriculants from a township high school in Cape Town, an American film maker traces the lives, hopes and aspirations of these young black teenagers during and after their matric year.

It is a heartbreaking story, and nobody who watches this hour-long film will again interpret the matric results with the unexamined exuberance to which we are treated every year.

Some of these young people come to school hungry everyday from the desperate poverty of their home and community; others raise smaller siblings in the absence of parents; several migrated to Cape Town from the even more dismal situation in the rural Eastern Cape; but all of them have one single goal in mind: to pass matric.

That having been achieved, they dream like all young people about going to university (doctors, engineers, public relations) and finding a good job. Unlike young people from the posh schools of Cape Town, their thoughts turn to how to support their families and how to help their siblings escape the suffocating poverty of their sur-

rounded that it is difficult to understand the media hype about an increase or decrease of a few percentage points from one year to the next; it simply does not matter except for one disturbing fact—that 12 years of annual matriculation results confirm that South Africa has settled for a pattern of two distinct school systems.

One system consists of a small group of former white schools that are increasingly derelictised, at least as far as students are concerned, and which account for the large percentage pass nationally and in provinces where such schools are dominant, such as in the Western Cape.

The other system consists of the large majority of schools, all black, and which together account for the fact that about one-third of students fail this high stakes examination.

The fact that individual black students sometimes appear in the top 10 or 20 of achievers in a province, or that individual black schools "turn around" their performance from one year to the next, makes no difference to the systemic picture: black schools are in serious trouble and there is

The senior certificate has no economic value today. No student finds a skilled job because she passed matric. That has been the case for at least 15 years. There used to be a time that the "SC" (senior certificate) got you a job, when that currency ended, the "SC" (senior certificate) got you a job, when that time too has ended.

Any work involving moderate levels of skill in a growing economy requires that the matriculant has further or advanced training. That is, the 21st century workplace, even in a developing country such as South Africa, requires much, much more than a senior certificate. It is best for a student who passes matric to understand that this paper means one thing only: he completed high school. And that is why passing matric is the only thing that matters, not the mere fact that a student passed.

More disturbing is the other routine observation about this settled pattern of two school systems.

The matric results confirm the simple link between resources and achievement, or between historical advantage and school results. For this reason I find quite despicable the ways in which the media and the politicians in the Western Cape report on their comparative advantage, year after year: "Province leads the way" or in the more provocative language of an Afrikaans daily, "Weekap oor bo-bas."

The matriculation results in this province have nothing to do with anything noble in the province other than the fact that it has a higher proportion of former white, privileged schools and a smaller proportion of so-called African schools than any other provin-

performances that disturb in the ways in which the annual results are reported.

But there is another concern overlooked in the hysteria accompanying the once-a-year ritual around the matric results – it is the failure to interrogate what our students actually know and can do as a result of 12 years of schooling.

In my many years as a university teacher, I am astounded by the inability of undergraduate students to compose a grammatically accurate sentence, the lack of logic in arguments, the emotional outbursts in writing and, most importantly, the incapacity to think creatively when faced with routine problems.

How on earth did these students pass a matriculation examination? Or, more importantly, what exactly does the matriculation exam actually measure?

Before long, there will be another new ritual playing itself out in the media, as it has regularly in the past three years—the number of students who drop out from university.

In the universities that admit more and more students without matriculation endorsement, the failure and dropout rates are extremely high. In addition, young people roaming the streets of South Africa, numbers of students who pass matric – no doubt a source of

standard of the matriculation examination so that it functions as a serious measure of learning performance at the end of 12 years of schooling.

On the other hand, by raising the standard, more and more students will fail to pass or pass so poorly that their chances are sunk anyway. The trick of course is not to change the matriculation standard; rather, the task is to raise the level of school quality.

The only way to disturb this pattern of two unequal school systems is to do something radical, and to do it quickly.

A first action might be to ensure that every school has the minimum of resources to function well enough to deliver quality education. A second action must be to ensure that every matric teacher is competent to teach her subject. A third action could be to re-equip principals who, despite receiving resources and support, still operate dysfunctional schools.

With every generation of matriculation students who have their hopes dashed in the matric year, in the labour market, and at university, we add to the swelling numbers of disillusioned young people roaming the streets of South Africa.

The next time the middle classes complain about the



Item record

UPSpace at the University of Pretoria: Item 2263/1418 - Microsoft Internet Explorer

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Address <https://www.up.ac.za/dspace/handle/2263/1418> Go Links >>

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Title: Pro's and con's of elite schools

Inquiries: jonathan.jansen@up.ac.za

Author/s: Robbie, John

Keywords: Resources
Schools
Parents
Education opportunities
Teachers
Money
Education - South Africa
Qualifications
Leadership
Independent schools
Black students
Minister of Education

Issue Date: 17-Jan-2007

Creation Date: 21-Aug-2006

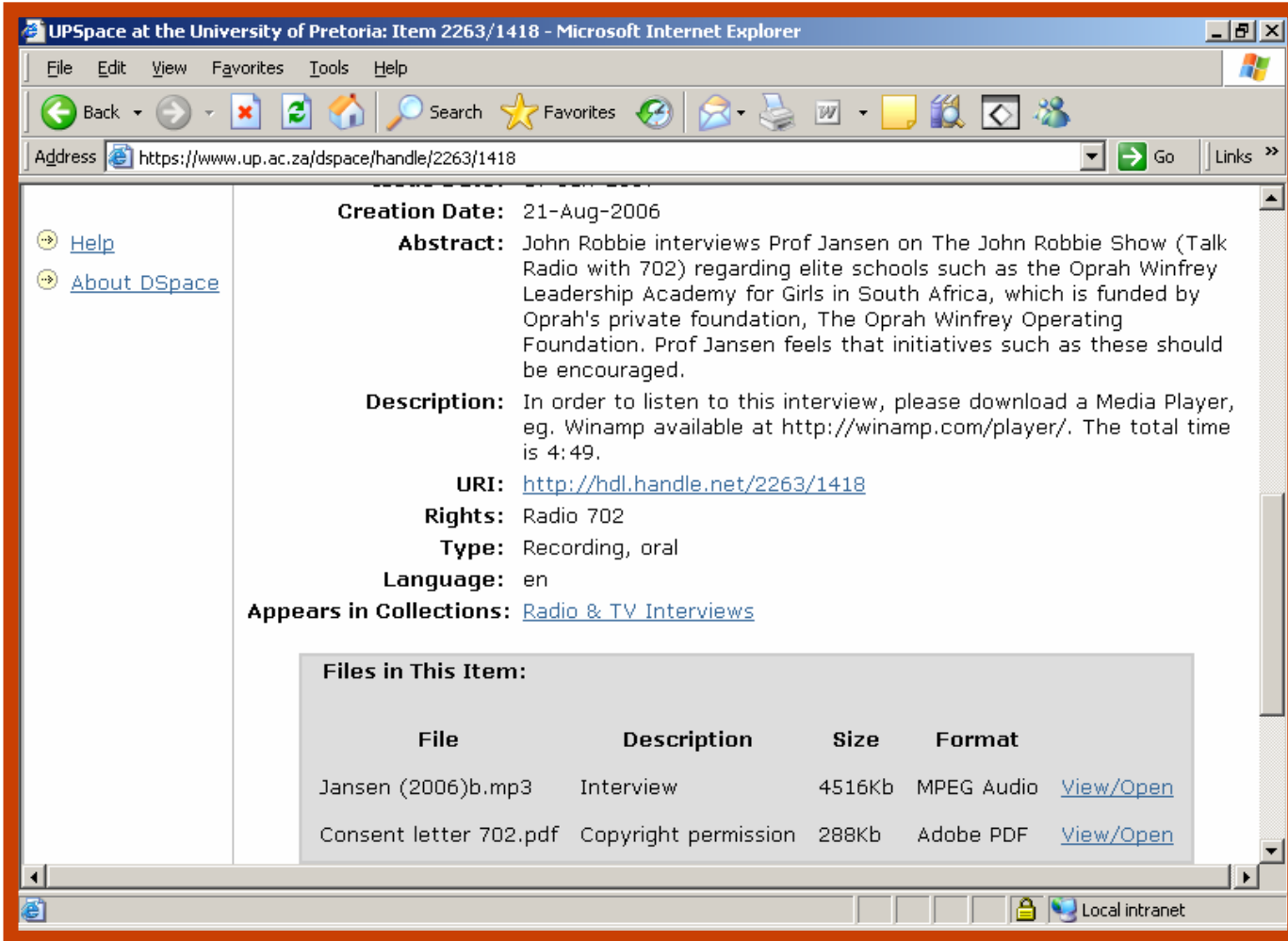
Abstract: John Robbie interviews Prof Jansen on The John Robbie Show (Talk Radio with 702) regarding elite schools such as the Oprah Winfrey Leadership Academy for Girls in South Africa, which is funded by Oprah's private foundation, The Oprah Winfrey Operating Foundation. Prof Jansen feels that initiatives such as these should be encouraged.

Description: In order to listen to this interview, please download a Media Player, ea. Winamp available at <http://winamp.com/plaver/>. The total time

Done Local intranet



Radio & TV Interviews



UPSpace at the University of Pretoria: Item 2263/1418 - Microsoft Internet Explorer

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Description: In order to listen to this interview, please download a Media Player, eg. Winamp available at <http://winamp.com/player/>. The total time is 4:49.

URI: <http://hdl.handle.net/2263/1418>

Rights: Radio 702

Type: Recording, oral

Language: en

Appears in Collections: [Radio & TV Interviews](#)

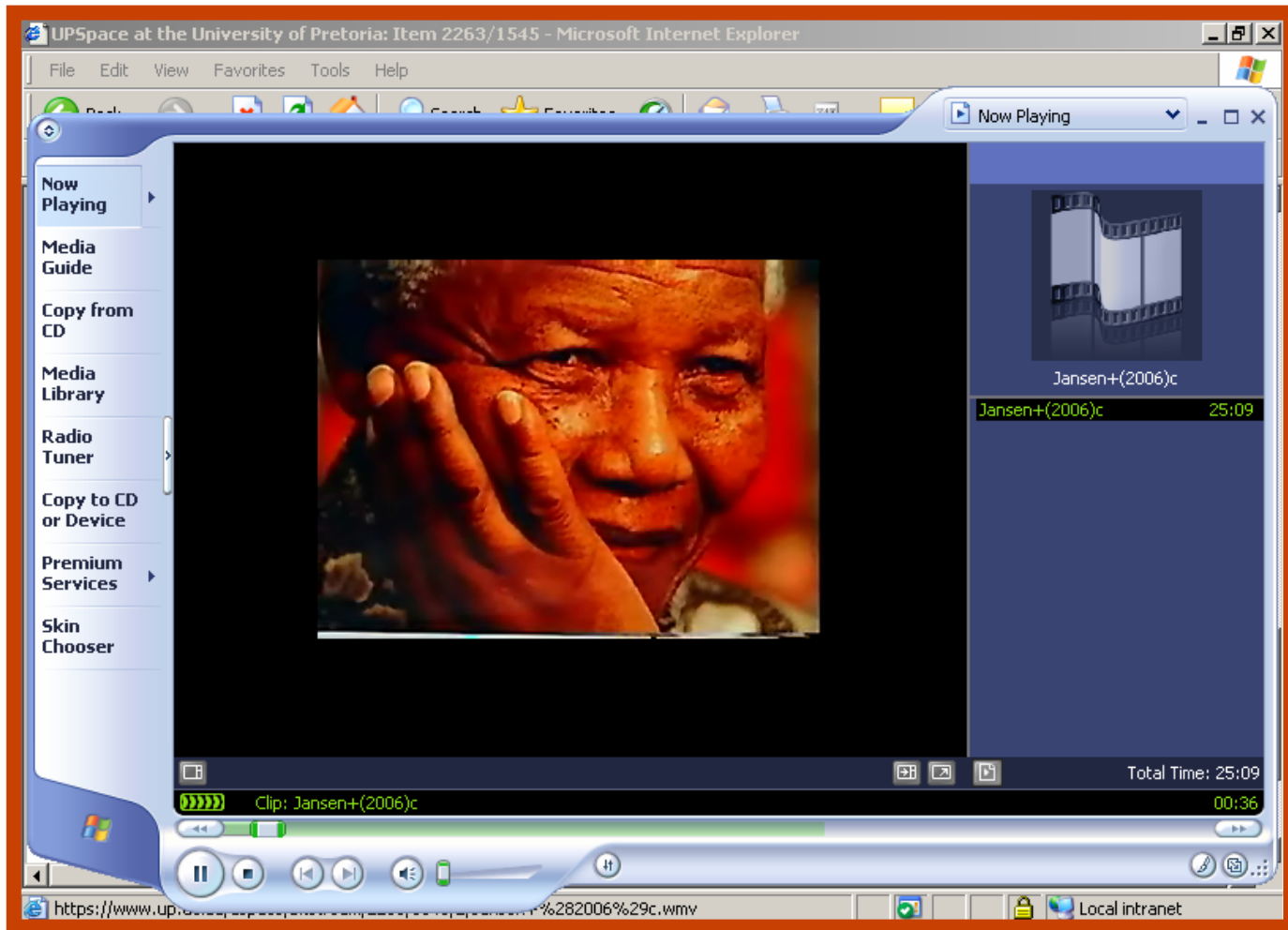
Files in This Item:

File	Description	Size	Format	
Jansen (2006)b.mp3	Interview	4516Kb	MPEG Audio	View/Open
Consent letter 702.pdf	Copyright permission	288Kb	Adobe PDF	View/Open

Local intranet



Mandela interview



Research Articles

https://www.up.ac.za/dspace/bitstream/2263/596/2/Jansen+%282006%29c.pdf - Microsoft Internet Explorer

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Adobe Reader 7.0


Pages

Attachments


Comments

The status of education finance research in South Africa

JONATHAN JANSEN AND CHRISTINA AMSTERDAM



JONATHAN JANSEN serves as Dean of Education at the University of Pretoria, South Africa. His current research interests include studies on institutional cultures in higher education; an Africa-wide inquiry that seeks to explain why recitation persists in the face of policies predicated on the ideals of progressive pedagogy; and work on the changing relationships between the state and universities in South Africa. Professor Jansen is Vice President of the Academy of Science of South Africa and holds an Honorary doctorate in education from the University of Edinburgh.



CHRISTINA AMSTERDAM is Senior Lecturer in Faculty of Education, University of Pretoria. She obtained a PhD in Educational Administration K-12 from the University of South Carolina. Prior to joining the University of Pretoria, she worked in the South Carolina Educational Policy

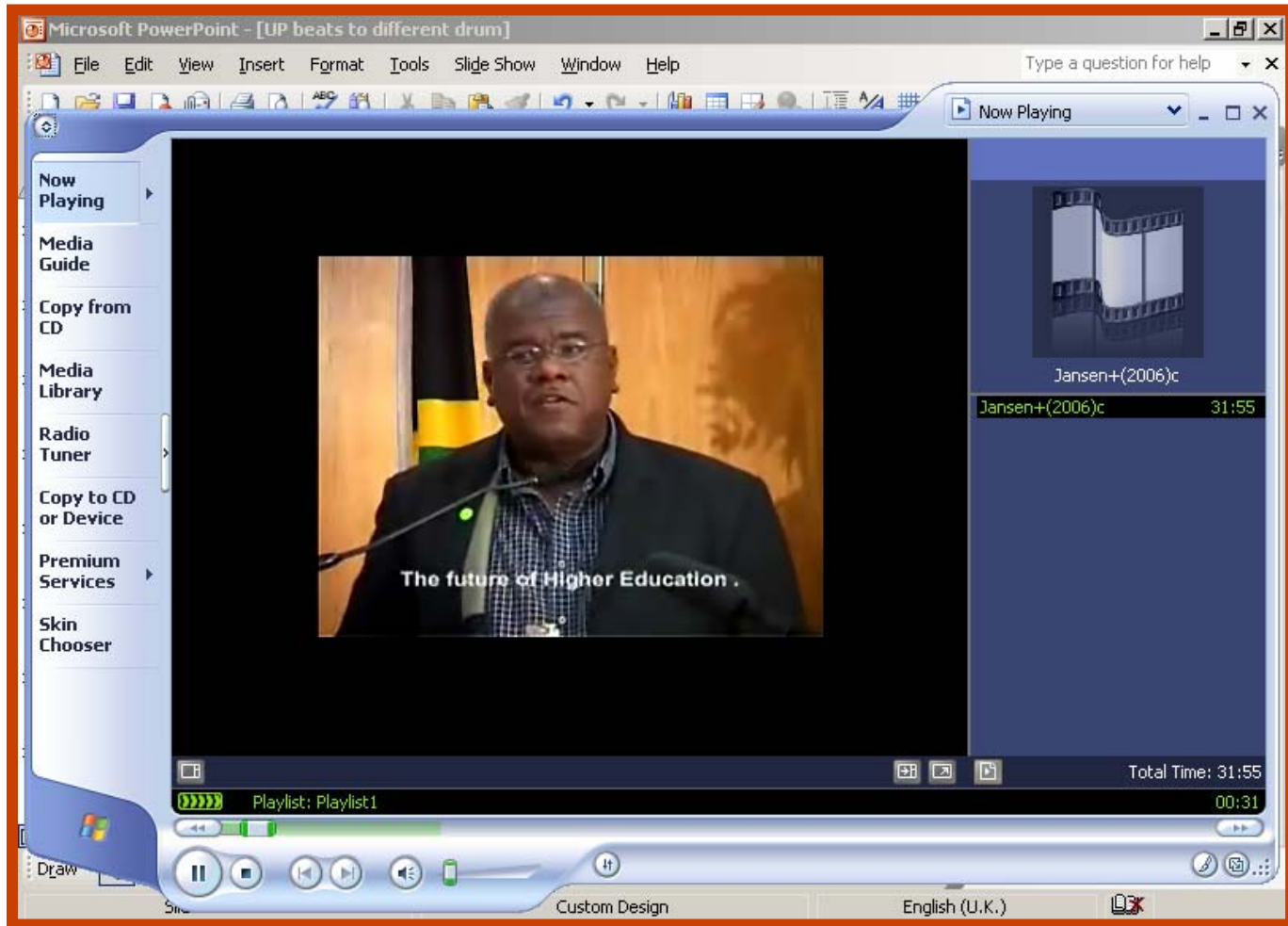
6.93 x 9.85 in

1 of 10

Downloaded (0 B): Unknown Zone



Speeches



Copyright

- Dean doesn't retain copyright
- Negotiate with publishers on his behalf
- SHERPA/ROMEEO database of publishers
<http://www.sherpa.ac.uk/romeo.php>
- Strict regulations or even restricted access
- “Publisher’s copy may not be used”
- Remove all the branding of an article
- Time-consuming process
- SAMedia - printed newspaper/media columns



Collaboration

- Proactive interaction & cooperation on campus:
 - Dean
 - Secretaries
 - Faculty staff members
 - Library staff members
- Radio & TV-stations
- Listserve on campus – Opforum is useful marketing tool
- Recent submissions



Prof Jansen's testimony

“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”



What is openUP?

- Collection of full text published research articles
- Authors & co-authors - UP staff and students
- openUP signifies UP's support to the open access movement
- Promotes the removal of permission barriers, copyright and licensing restrictions
- Traditional models require payment of fees
- openUP: open, free and immediate online access



openUP

The screenshot shows a Microsoft Internet Explorer browser window with the following details:

- Address Bar:** <https://www.up.ac.za/dspace/handle/2263/121>
- Page Title:** UPspace at the University of Pretoria: openUP
- Navigation:** Back, Forward, Home, Search, Favorites, and other standard browser icons.
- Left Sidebar:**
 - Search UPSpace:** Includes a search box with a "Go" button and a link to "Advanced Search".
 - Browse:** A list of navigation links: Home, Communities & Collections, Titles, Authors, and By Date.
 - Sign on to:** Links for "Receive email updates", "My UPSpace authorized users", and "Edit Profile".
- Main Content Area:**
 - Header: [UPspace at the University of Pretoria](#) > [OpenUP](#) >
 - Section: **openUP**
 - Text: **Collection home page**
 - Search Form:** A search box with "In:" dropdown set to "openUP", a "Search for" input field, and a "Go" button. Below it are buttons for "Titles", "Authors", and "By Date", with the text "or browse" to the left.
 - Subscription:** A box with the text "Subscribe to this collection to receive daily e-mail notification of new additions" and a "Subscribe" button.
 - Description:** "This collection offers open access to the full text of research articles published by staff, students and affiliates of the University of Pretoria. These items are identical in content to their published counterparts. It is linked to the Research Information System and..."
- Right Sidebar:** **Recent Submissions** with a list of links:
 - [Teologie kroniek : Godsbeelde van die Ou Testament : Jahwe - liefdevolle vader en moeder](#)
 - [The case for using SMS technologies to support distance education students in South Africa : conversations](#)
 - [On-line fan blade damage detection using neural networks](#)
 - [Developing a national standard/code of practice for the classification of construction information in South Africa](#)
- Status Bar:** Shows "Done" and "Local intranet".



More on openUP

- Only peer reviewed articles are accepted
- Identical in content to published counterparts
- Articles are submitted to openUP first
- Can be mapped to other collections
- Main aim: make UP research outputs visible & accessible to international community through a single entry point
- Vision: link openUP to UP Annual Research Report which documents UP outputs

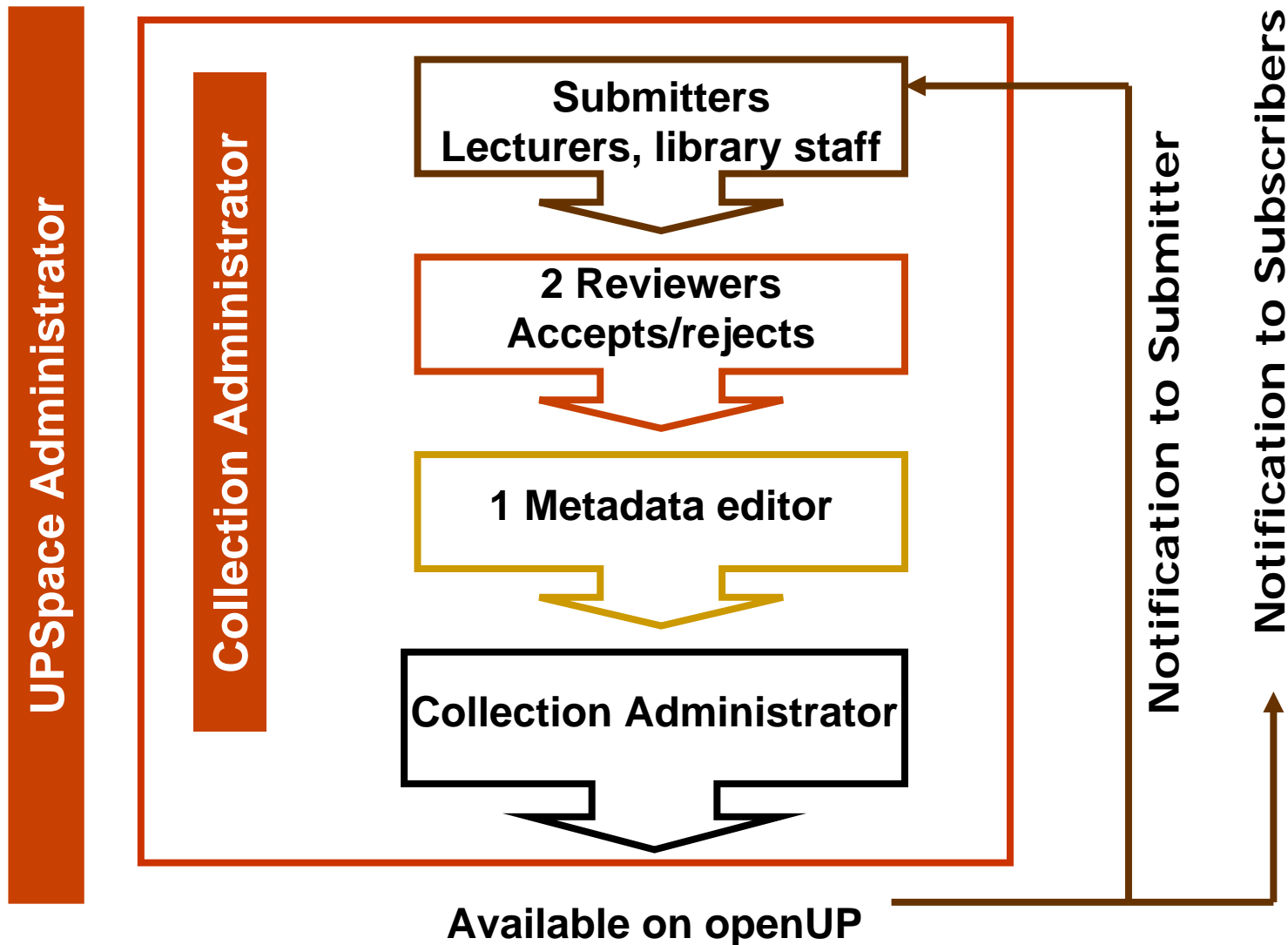


Copyright

- Copyright prescriptions are adhered to
- Written permission is always obtained
- SHERPA/ROMEO database of publishers
<http://www.sherpa.ac.uk/romeo.php>
- Policies regarding copyright & self-archiving
- South African publishers are not listed
- Our role: making them aware of institutional repositories
- Encourage them to submit their policies



Workflow of the openUP Collection



Collaboration and openUP

- In process of drafting a business plan
- New staff member appointed to add momentum
- Steering committee – represents UP faculties & departments
- Encourage self-archiving by staff & students
- Aims to change / influence UP researchers' copyright behaviour
- Identify champion departments & offer support

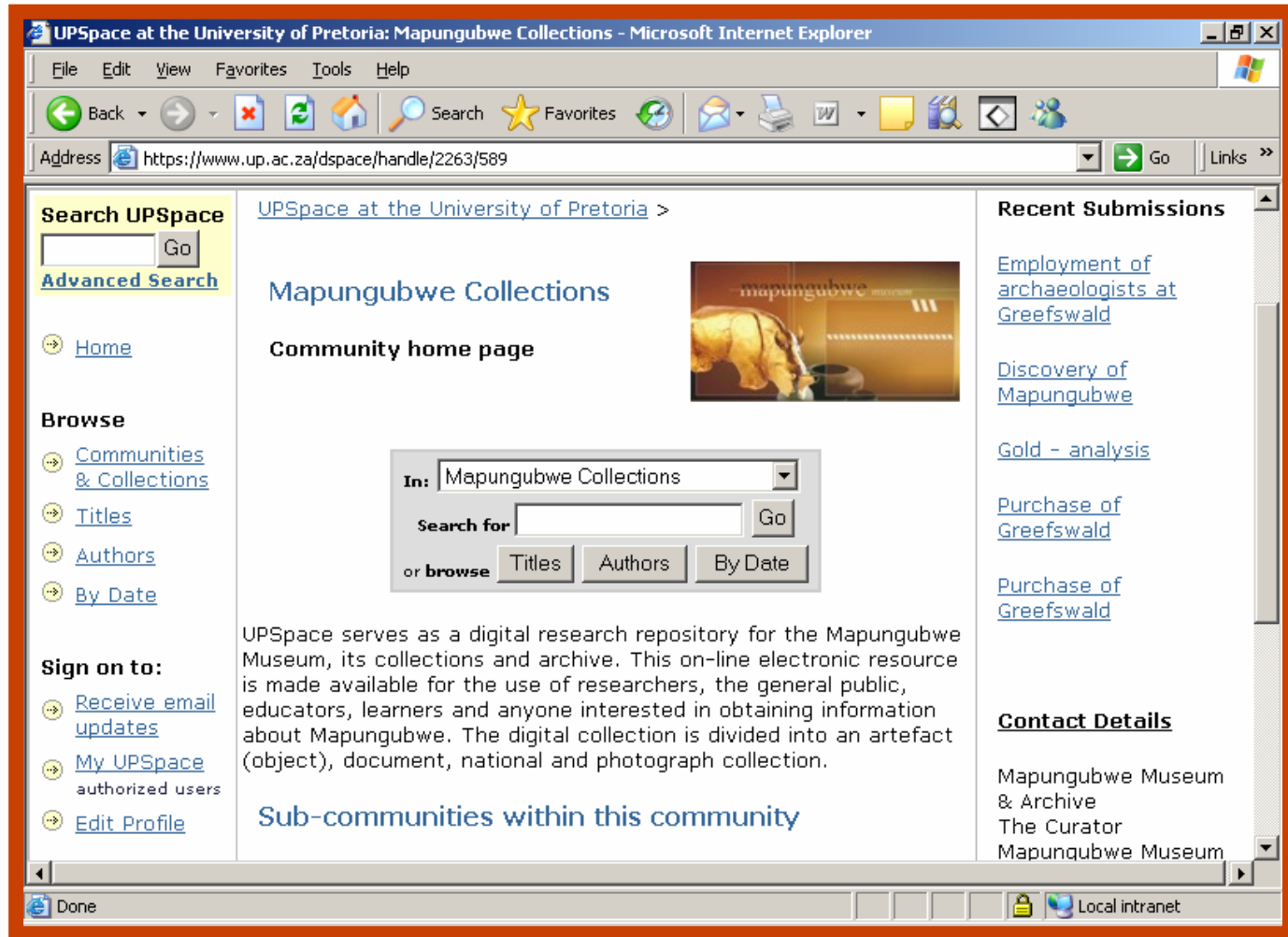


The Mapungubwe Collection

- 1000 years ago an ancient civilization traded gold and ivory with China, India and Egypt
- UP discovered this site in 1932
- 1 of 812 UNESCO World Heritage sites
- Museum contains original archaeological material excavated from this site
- Collection includes reports, photographs, maps, site plans, newspaper clippings etc.
- Valuable research & information resource



The Mapungubwe Collection



The screenshot shows a web browser window titled "UPspace at the University of Pretoria: Mapungubwe Collections - Microsoft Internet Explorer". The address bar shows the URL "https://www.up.ac.za/dspace/handle/2263/589". The page content includes a search bar, navigation links, a search form, and a list of recent submissions.

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Mapungubwe Collections

Community home page



In: [Mapungubwe Collections] Go

Search for [] Go

or browse [Titles] [Authors] [By Date]

UPspace serves as a digital research repository for the Mapungubwe Museum, its collections and archive. This on-line electronic resource is made available for the use of researchers, the general public, educators, learners and anyone interested in obtaining information about Mapungubwe. The digital collection is divided into an artefact (object), document, national and photograph collection.

Sub-communities within this community

Recent Submissions

- [Employment of archaeologists at Greefswald](#)
- [Discovery of Mapungubwe](#)
- [Gold - analysis](#)
- [Purchase of Greefswald](#)
- [Purchase of Greefswald](#)

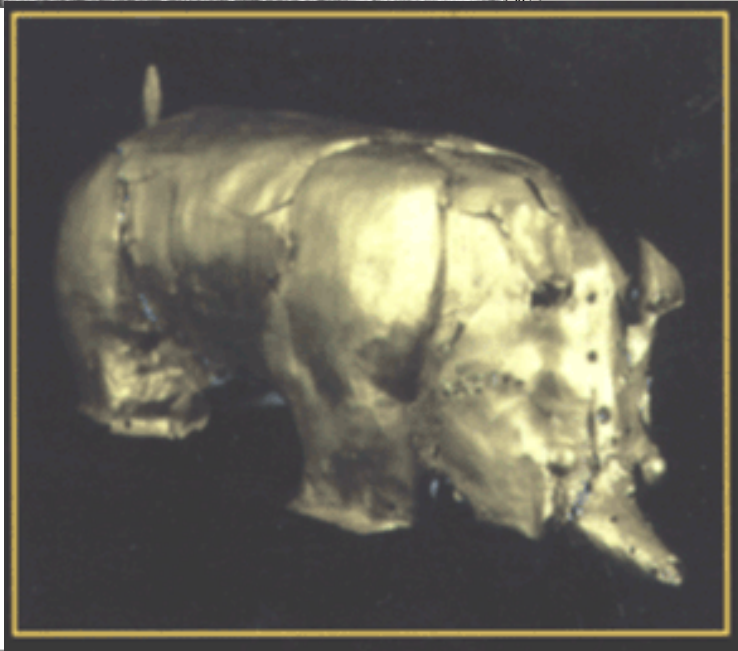
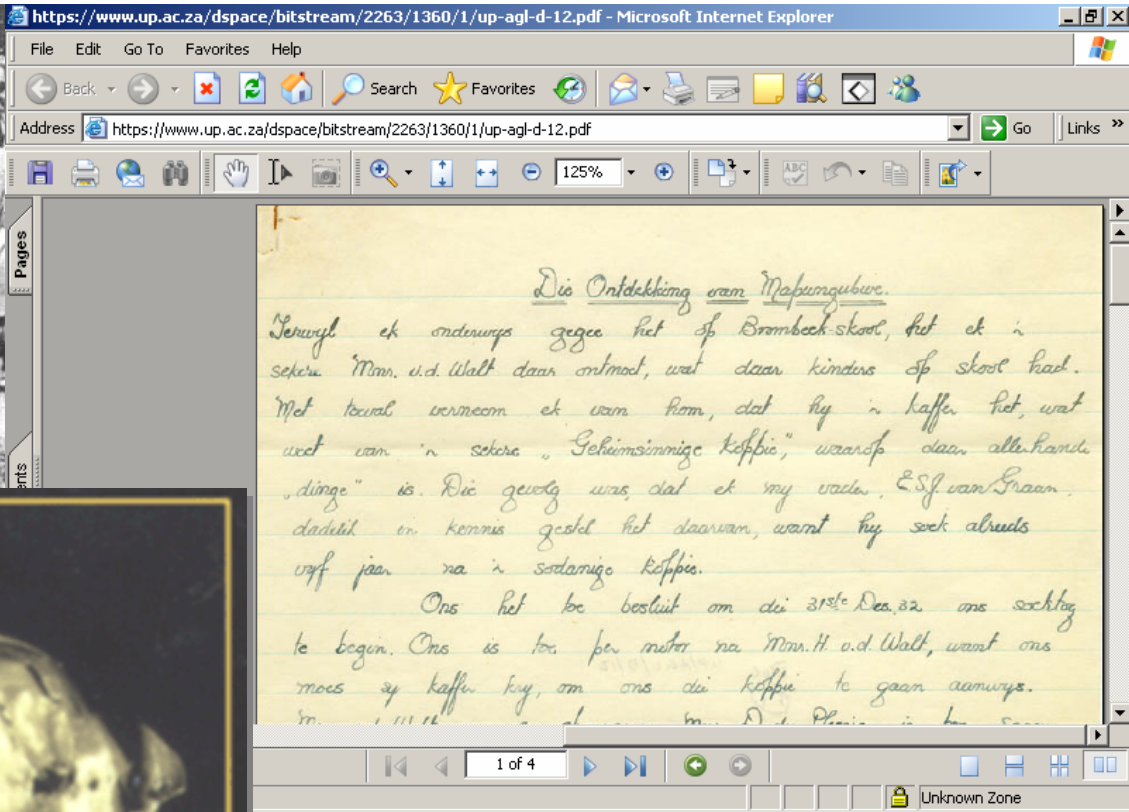
Contact Details

Mapungubwe Museum & Archive
The Curator
Mapungubwe Museum

Done Local intranet



Artefacts, documents & photographs



Gerard Moerdyk Collection



- South African architect
- Designed the Voortrekker Monument
- Contains material from archives of the HSRC
- Donated to the UP's Department of Architecture
- Combined efforts: library staff, personnel, students of the Department of Architecture
- Includes photographs and newspaper clippings
- Material is digitized - UPSpace



Gerard Moerdyk Collection

UPSpace at the University of Pretoria: Gerard Moerdyk - Microsoft Internet Explorer

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[UPSpace at the University of Pretoria >](#)


[Special Collections >](#)

[African Heritage Digital Collection >](#)

[South African Architects, Buildings and Towns >](#)

Gerard Moerdyk

Collection home page



Recent Submissions

[Gedenkteken vir Voortrekkers; Moerdyk-ontwerp; Geen finaliteit nog bereik](#)

[Extensive area offered by City Council](#)

[Boumeester aangewys vir Voortrekkermonument; ontwerp en plek nog onbekend](#)

[Geskiedenis van Pretoria](#)

[Vrystaatse N. P. - Kongres; salarisvermindering bespreek; stigting van 'n Boerebank](#)

In:

Search for

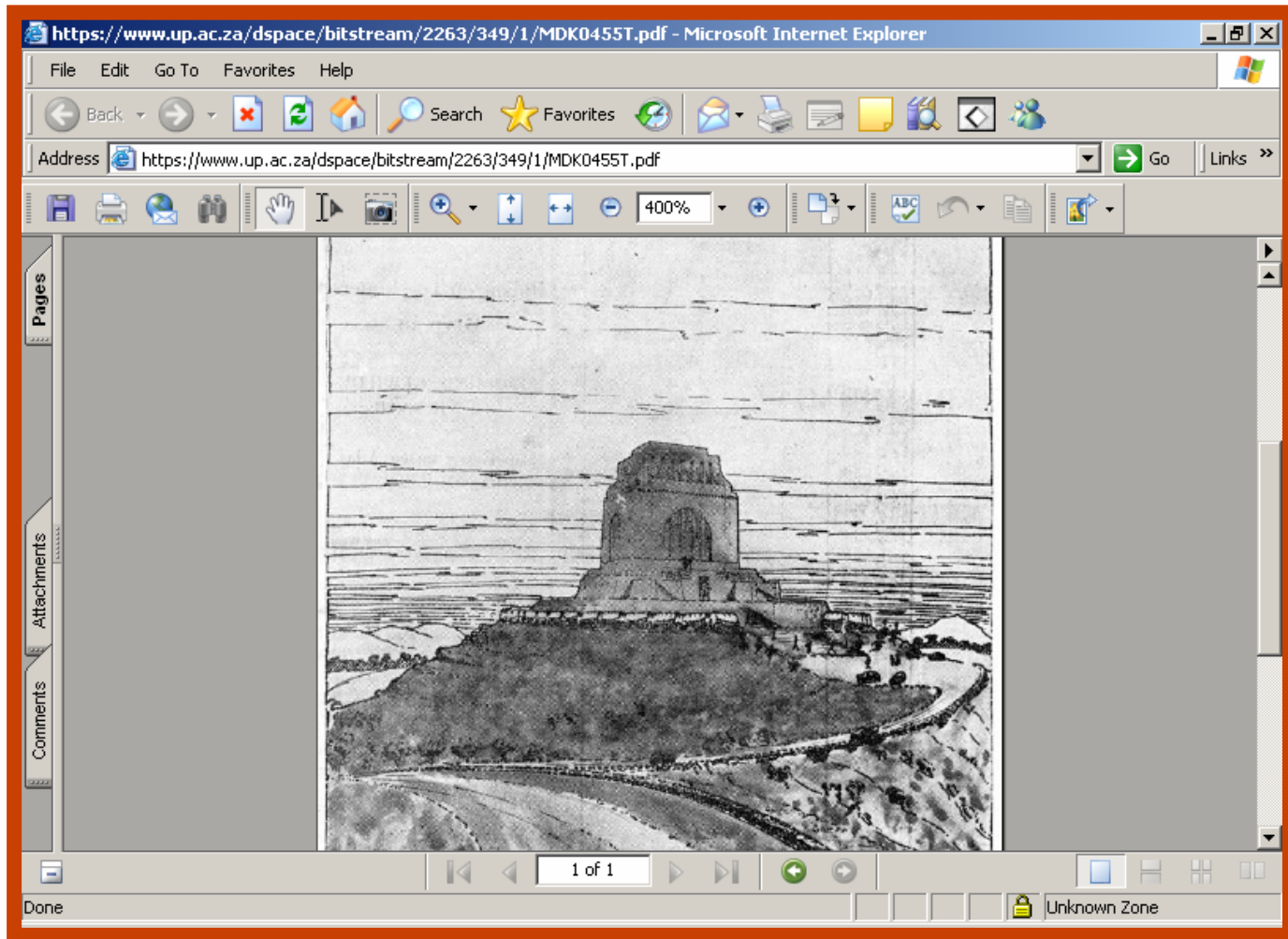
or browse

Subscribe to this collection to receive daily e-mail

Local intranet



The Voortrekker monument



Newspaper clippings

https://www.up.ac.za/dspace/bitstream/2263/385/1/MDK0462T.pdf - Microsoft Internet Explorer

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Pages

FORM OF VOORTREKKER MEMORIAL

A GREAT SHRINE 130 FEET HIGH

ON A HILLTOP IN 30 ACRES OF LAND

The Voortrekker memorial, symbolising the Great Trek, the battle of Blood River and the devotion of Afrikaner women, will be on view, in miniature, at the Empire Exhibition, below the rockery.

Mr. E. G. Jansen, Speaker of the House of Assembly, and chairman of the Voortrekker memorial committee, inspected the model at Milner Park to-day with Mr. J. J. Scheepers, secretary of the committee.

sculpturesque and typically South African. The other reason was historical. Before Retief was murdered, there was a big commotion outside Dingaan's kraal. In reply to Retief's question, the native chief said it was his "regiment of wildebeest." Hence, the sculpturing of a wildebeest is to be symbolical of the danger to which the Voortrekkers were subject—the women in particular.

INSIDE THE SHRINE.

Inside the model shrine is a hall

Done 1 of 1 Unknown Zone

Adobe Reader 7.0



Advantages of UPSpace

- Increases usage, visibility & impact of UP research
- UP has more control over dissemination of its outputs
- According to Jones, Andrew and MacColl (2006)
 - Researchers are rewarded for their work through its impact
 - Research must to be read, consumed, understood, & critiqued
 - Conventional publication models are more limited in its possible impact
 - Open access research papers are read more widely & cited more frequently



Advantages (continued)

- Accessible via Google and Google Scholar
- Provides a central archive of all UP research
- Accelerates research & enriches education
- Shares learning across the rich and poor
 - Developing countries - lack of access
 - “have and have-not nations” (Yiotis 2005)
 - Anyone, anywhere, can read, download, copy or print the full text of the research



Advantages (continued)

- Persistent URL's - consistent and guarantee long term access
- Statistical usage reports - useful research tools
- Encourages worldwide dialogue between researchers
- Searchable
- Items can be submitted anywhere, any time
- Excellent electronic workflow & is very easy to use!



Problems or challenges

- Lack of support from Dept. of Information Technology
- Lack of staff - DSpace system administrator
- Many role players slowed down the process by almost 6 months
- Opposition from within!
- Time restraints
- UPSpace is not OAI-PMH compliant:
<https://www.dspace.org/> protocol for security reasons



Successes

- Project was carefully documented on the UPSpace web page
<http://www.dspace.up.ac.za>
 - Project proposal, needs analysis, design, development & implementation and evaluation
 - Evaluation instrument with specific criteria was developed
 - Software was evaluated 3 times (developmental server, quality assurance server, & production server)



Successes (continued)

- 3 “Champions” paved the way
- Frequent communication
 - Listserv was created
 - Statistics & logistics
 - Hit list of the “top 10” items viewed
- Support from UP management
 - Library features prominently in the strategic plan of UP
- Each collection has its own collection policy
 - Template for Collection Administrators (guidance in keywords, file formats, metadata)

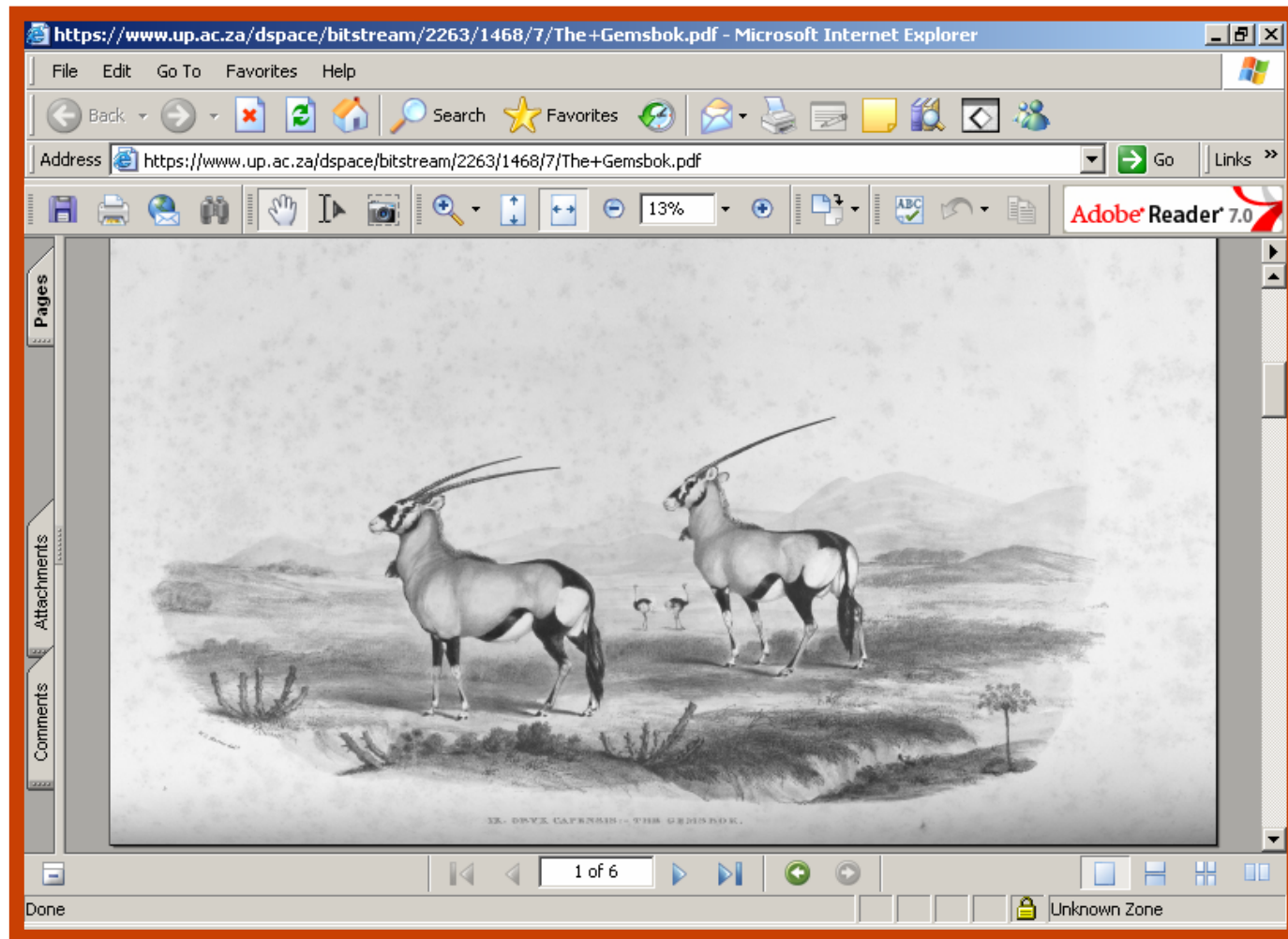


Successes (continued)

- Assign experts - one for metadata and another for digitisation
- Provide support via the IT HelpDesk, general UPSpace e-mail, listserve, web-page, animated tutorials on the submission process, series of 60 minute workshops
- Contextualised presentations & demonstrations for departments & faculties
- e-Information Marketing event
- Purchased new DigiBook scanner



Special Books Collection



The way forward ...

- UPSpace is still in its infancy
- Market the UPSpace - road shows
- Develop an institutional policy for self-archiving
- Involve more librarians to become participants
- Assign students to assist
- Present a repository workshop in SA
- Be actively involved in the international repository movement



Conclusion

- UPSpace addresses long term preservation
- Part of the global electronic movement
- Electronic librarian's
 - responsibility towards yesterday's, today's and tomorrow's research
 - Part of the global electronic movement
 - Enhanced our visibility
 - Increased relevance to faculties
- The electronic librarian has evolved!



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Thank you!

Questions?



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