

# Facing new challenges... is synergy the answer ?

Elna Randall and Hettie Groenewald

2<sup>nd</sup> Annual Africa Libraries & Information Management  
Systems 2007  
The Grace Hotel, Rosebank, JHB

7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> February 2007



University of Pretoria

# Agenda

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- Challenges
- How to cope with challenges ?
- Synergy
- Examples
- Conclusion
- Bibliography

# Challenges

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## Changing role of Information Specialist

- Cyberspace
- Redistribution of information:
  - Education and E-Learning
  - Research and E-Research

# Challenges: Cyberspace

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- Accessibility to information
- Integration and evaluation of information
- Network research tools
- Communication options: e-mail, Click Up system at UP, webblogs, web pages, wikis

# Challenges: Cyberspace

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Redistributing of information (packaging)

- Databases (Full text and bibliographic)
- web pages
- electronic newsletters
- institutional repositories
- list serves, communication channels
- on-line journals

# Challenges: Cyberspace

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Impact of this challenge on our roles as  
**providers of information** ?

- **Becoming gateway to information**
- **Strategic planning** needed to accommodate the change

# Challenges: Cyberspace

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Get involved:

- faculty strategic planning
- curriculum
- educating clients to search, evaluate information
- communication options: e-mail, weblogs, web pages

# Problems arising

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- need exceeds the available of LIS
- addressing these needs:

Partnerships on campus



# Where to start ...

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- **UP strategy**
- **Faculty Strategic Plans**
  - Focus areas
  - Projects
  - Partners
- Higher Education Policy in South Africa
  - Information Specialist

# Synergy/synergism

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“ **Synergy** or **synergism** (from the [Greek synergos](#) meaning working together, *circa* [1660](#)) refers to the phenomenon in which **two or more** discrete **influences** or agents **acting together** create an **effect greater** than the **sum of the effects** each is able to create independently”

From Wikipedia, the free encyclopedia

Influences

Acting together

= sum or results of greater effects

Projects

Participants

# Focus area :Education of students

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## Information literacy needs addressed

- need for information
- access to information
- evaluating information
- managing information
- creating and presenting new information

# Example 1: Education of students

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## **JSQ 226 :**

- seven Engineering departments involved
- Unit for Academic Literacy
  - conducting lectures
  - manual
- Information specialists
  - contribution to manual
  - presentations



JSQ 226

# COMMUNICATION SKILLS FOR ENGINEERS 2006

Compiled by:  
Prof. Adelia Carstens



## **Acknowledgements:**

**“I also gratefully acknowledge the input by information specialists from the Academic Information Service “ (page i)**



**JSQ 226:  
Mechanical Engineering  
Industrial- and Systems Engineering  
Academic Information Service support ..**

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# Example 2: Educating our Clients

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Different options for the training of students are conducted:

- hands-on training sessions: general library orientation, catalogue
- subject specific training sessions
- assignment linked training when needed







- Services to Faculties
- Teaching Support
- Research Support
- Learning Support
- Copyright & Plagiarism
- Referencing Techniques
- Ask a Librarian

[Home](#) >> [Training](#) >> [Training Schedule](#)

**Training Schedule 2007**

Date	Session Topic	Location	Time	Students
24 Jan.	1st Year Orientation	Groenkloof	11:00	1st Years
		Roos Saal	14:00	1st Years
		AE du Toit	15:00	1st Years
25 Jan.	1st Year Orientation	Law Auditorium	8:00	1st Years
		Sanlam Auditorium	8:00	1st Years
		Boukunde	9:00	1st Years
		Musaion	10:00	1st Years
		IT 2-27	13:00	1st Years
		Aula	14:00	1st Years
		26 Jan.	1st Year Orientation	Sanlam
Roos Saal	9:00	1st Years		
Aula	10:00	1st Years		
Aula	11:00	1st Years		

**Google Scholar** BETA

About GoogleScholar™

How do I ...?

Quick links to:

**My Library Space**

- My Library Record
- View & Renew Material
- UPSpace
- Interlending: Requests - Info
- clickUP (Students Online)
- Lecturers Online
- UP Portal

AIS Intranet (AIS Staff Only)

[Home](#)  
[Schedule](#)  
[Library](#)  
[Information](#)  
[Subject Specific Training](#)  
[Product Specific Training](#)  
[Why do I ... ?](#)  
[Contact Us](#)





Engineering, Built Environment & IT

- Library Home
- About Us
- Image Gallery
- Lending
- Standards & Standards
- Presentations
- Research Support: Guidelines & Referencing
- Special Collections
- Electronic Theses & Dissertations (UPeTD)

Resources

- School for Built Environment
- School of Engineering
- School of IT
- Faculty Home

Academic Information Service UP Home Search the UP Web Afrikaanse weergawe

Home About the AIS Services/Facilities E-Resources Journals Catalogue Training Contact



- Services to Faculties
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- Learning Support
- Copyright & Plagiarism
- Referencing Techniques
- Ask a Librarian

Home >> Services to Faculties >> Engineering, Built Environment & Information Technology >> Presentations

School for Built Environment

- ⊖ Architecture Information Resources and Support (2007) Pamphlet (2007)
- ⊖ Construction Economics Information Resources and Support (September 2006) Pamphlet (2007)
- ⊖ Town- and Regional Planning Information Resources and Support Pamphlet (2007)

School of Engineering

- ⊖ Carbon Chair (August 2006) Chemical Engineers (2007) Water Utilization (2007)
- ⊖ Civil- and Biosystems Engineers Information Resources and Support (2007) Pamphlet (2007)
- ⊖ EEC Engineering Information Resources

About GoogleScholar™

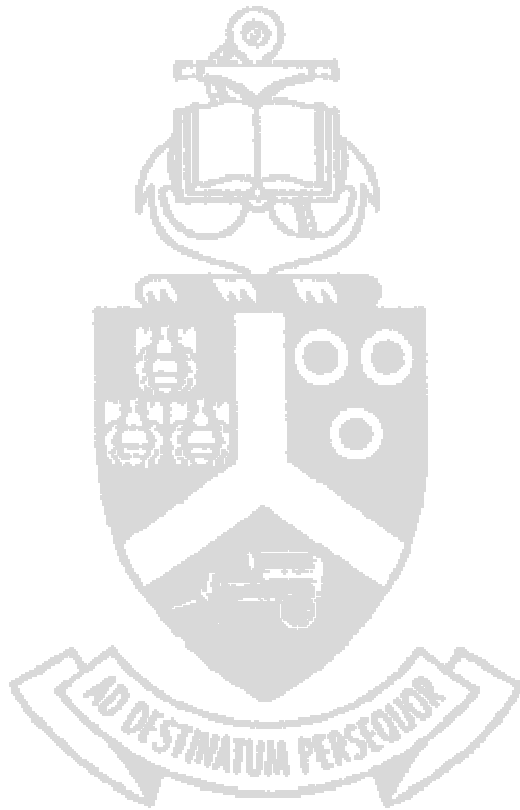
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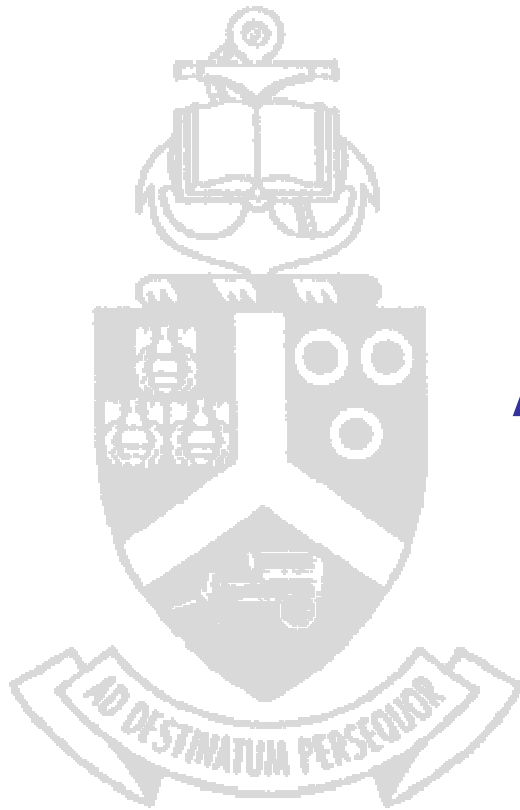
# Project Management

## ‘Roadmap’ to Information Resources... Contributions by : Prof Herman Steyn

Designed and compiled by:

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## ONT 100: Dept of Architecture OU SONT LES NEIGES D'ANTAN

Academic Information Service support ..

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# Example 3:

## Education Innovation Courses

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- Department of Education Innovation:
  - Instructional designers
  - ClickUP system
- Lecturers
- Academic Information Service :
  - Copyright and scanning
  - Information Specialists

## Course Tools

[Course Content](#) ▾[Announcements](#)[Assessments](#) \*[Assignments](#)[Calendar](#)[Discussions](#)[Web Links](#) \*[Who's Online](#)

## My Tools

[My Grades](#)Your location: **Home Page****Department of  
Engineering and  
Technology Management**

## INM 781 Research Methodology

- [Welcome](#)
- [Study guide](#)
- [AIS References](#)



[Prof. Andre Buys](#) is the lecturer for this module.  
Good luck with your studies.

[Install Java](#)[Copyright](#)[Plagiarism](#)[SOS](#)

# Example 4: Research web page

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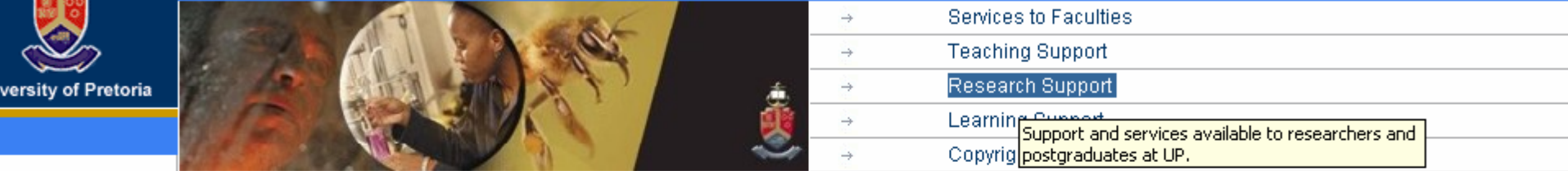
Postgraduate students need:

- information concerning their studies
- locating information resources
- providing support services

Research web page to address needs

- collaboration with various lecturers
- support services involved





Home >> Research Support

Welcome to the postgraduate research support web!

Through this web we would like to address the specific research needs of our postgraduates and researchers at the University of Pretoria. We would like to strengthen the research capacity at the University of Pretoria by:

- Ⓢ Bringing "global" information to researchers
- Ⓢ Stimulating and supporting the publication and dissemination of UP research findings
- Ⓢ Providing information and communication skills training for researchers

- Services to Faculties
- Teaching Support
- **Research Support**
- Learning Support
- Copyright Support and services available to researchers and postgraduates at UP.
- Referencing Techniques
- Ask a Librarian



About GoogleScholar™

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AIS Intranet (AIS Staff Only)

# Example 5:

## Redistributing of information

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Libraries are the providers of resources for education and research:

- books, journals
- electronic resources
- other resources
- accessibility ?

# Solution: Redistributing of information (packaging)

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- e-strategy developed by the AIS
- UPSpace : an institutional digital research repository was launched in 2005
- Services includes :
  - collection building
  - storage in digital format
  - preservation and digitization
  - retrieval options

# Collections on UP Space

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Involving:

- Department of Architecture
- Information Specialist (AIS)
- Digitization Unit and Special Collections (AIS)
- Cataloguer (AIS)
- UPSpace manager

# Collections on UP Space

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## Project team and workflow

- Digitization procedure and standards
- Metadata fields defined
- Collection registered
- Collection policy defined

- **[Special Collections](#)**

- **[African Heritage Digital Collection](#)**

- **[Anthropological, Archaeological and History Collections](#)**

- [Van Warmelo Collection](#)

- [Woodhouse Collection](#)

- **[Pretoriana](#)**

- [Van der Waal Collection](#)

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

- [Gerard Moerdyk](#)

- [Norman Eaton Collection](#)

- [Pearse Collection](#)

- [Sir Herbert Baker Collection](#)

- [TUKS Alumni: Architects, Interior Architects and Landscape Architects](#)

- **[Special Books and Maps Collections](#)**

- [Africana Maps](#)

- [Birch Collection](#)

- **[South African Music Collection](#)**

- [Marita Napier Collection](#)

- **[UPSpace](#)**

- [UPSpace Policies & Guidelines](#)

- [UPSpace Publisher/ Author Permissions](#)

- **[Veterinary Science](#)**

- **[Academic Information Service Collections](#)**

- [Arnold Theiler Collection](#)

- [Newspaper articles about the Faculty of Veterinary Science](#)

- [Veterinary Science Library Presentations & Conference Papers](#)

Please use this identifier to cite or link to this item: <http://hdl.handle.net/2263/660>

**Title:** Atteridgeville Soul City

**Author/s:** Unknown

**Illustrator/s:** Malope, Solly

**Other Contributor/s:** Matiyane, Titus

**LC Subjects:** Atteridgeville (Pretoria, South Africa) -- History

**Keywords:** Marabastad

Jazz City

Slums Act of 1934

Bantule

Natives Trust and Land Act of 1936

ISCOR

Saulsville Arena

Motse Mogolo

Atteridge, Mrs. W. H.

Non-European and Asiatic Affairs of the City Council

Saulsville

Mooiplaas

Lady Selborne

Group Areas Act of 1950

Methodist Church

United Reformed Church

black township

politics

**Issue Date:** 16-Nov-1999

**Creation Date:** 28-Apr-2006

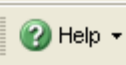
**Publisher:** Culture and Recreation Department, City Council of Pretoria

**Series/Report no.:** ar001vw\_dvd002

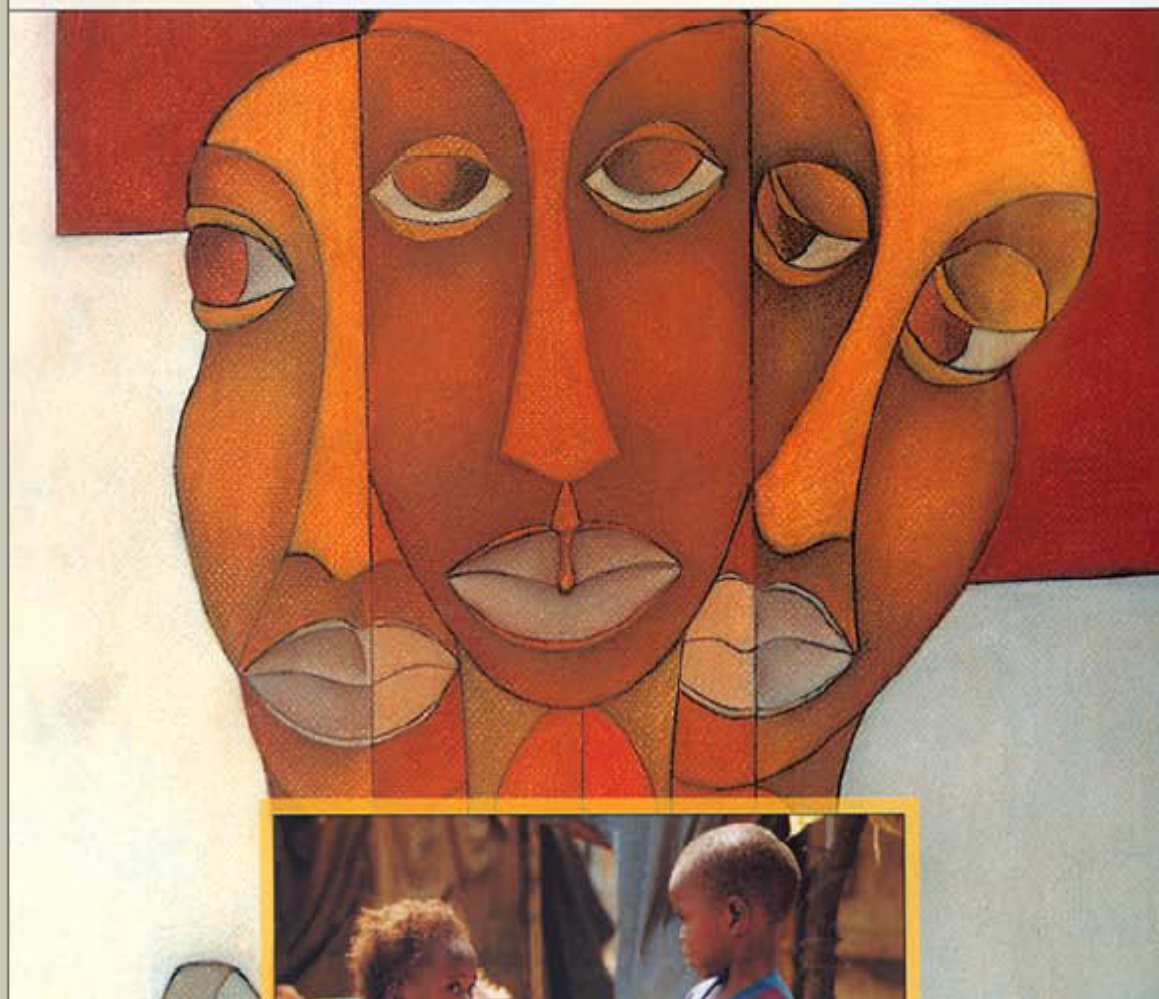
ar001pam\_vw.0061

**Abstract:** A pamphlet promoting Atteridgeville as a vibrant neighbourhood with the potential of leading the African Renaissance at a local level. A brief history of the township is included.

**URI:** <http://hdl.handle.net/2263/660>



# ATTERIDGEVILLE SOUL CITY





Acting together

Influences

= sum or results of greater effects  
**Synergy !!!**

Projects

Participants

# Bibliography

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- **Carstens, Adelia. JSQ226 Communication skills for engineers 2006. University of Pretoria, 2006**
- **Eisenberg, Michael. Information literacy: essential skills for the information age. Westport, Conn: Libraries Unlimited, 2004**
- **Nenthwith, M. Cyberscience: research in the age of the internet, Austria Academy of Sciences Press, Vienna, 2003**

# Thank you !

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