User experience of an institutional repository: A study of OpenUCT with a focus on postgraduate students

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Presentation outline

- 1. Introduction
- 2. Study objectives & research questions
- 3. Literature
- 4. Methodology
- 5. Findings
- 6. Recommendations
- 7. Conclusions
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Introduction

Institutional repositories

- > In support of open access (OA)
- > To store, preserve and disseminate scholarly outputs of academic institutions.
- Usually developed and overseen by the library

OpenUCT

- Provides access to theses and dissertations, journal articles, teaching resources, book chapters, working papers research reports and other scholarly outputs
- Previous studies focused on the establishment of OpenUCT and on OA publishing in the IR (Macha, 2012; Jackson, 2017).

► IR, OpenUCT and UX studies

- Little effort to find out: "how well [library services] meet users' needs; whether user experience is good, bad, or average; and what values these touchpoints" encourage our users to use libraries" (Priestener & Borg, 2016).
- UX is defined as a momentary evaluative feeling which can be good or bad while the user is interacting with a product or service (Hassenzahl, 2008)
- For it to fit its purpose successfully, the library needs to be improved continuously and informed by the experiences of users (Walton, 2015).

Study objectives & research questions



Study objectives



To ascertain the awareness of, expectations of, and attitudes to OpenUCT by Graduate School of Business master's students.



To investigate the utilisation of OpenUCT by these students.



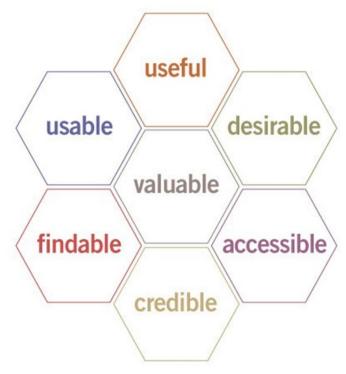
To identify the challenges, if any, encountered by these students in relation to the use of OpenUCT

Research questions

- 1. To what extent are GSB master's students aware of OpenUCT and what are their expectations of and their attitudes towards OpenUCT as an information resource?
- 2. How do these students utilise OpenUCT for their information needs?
- 3. What challenges are encountered by these students when using OpenUCT?

Literature review

- ► UX has become a "useful valued framework for examining library technologies from the enduser's perspective" (Luca & Narayan, 2016: 3).
- Application of UX to evaluate library services has resulted in service developments and improvements which have positively impacted on student experience (Appleton: 2016).
- "Every service, every resource, every interface, every space of the library" should provide good UX (Schmidt & Etches, 2014).
- Important elements of UX (Morville, 2004; Schmidt & Etches, 2014).



User Experience Honeycomb (Morville, 2004)

Research methodology

- Interpretive paradigm
- Qualitative approach
- ► Ethnographic design



Population

- Master's students of the Graduate School of Business in the Faculty of Commerce at UCT
 - Purposive sampling
- > A key informant

Research methods

- Interviews with 6 students
- Observations with 6 students
- Interview with key informant

All of OpenUCT ▼

Search

Communities

Select a community to browse its collections

Research Output



Clinical and Experimental Determination of Protection Afforded by BCG Vaccination against Infection with Non-Tuberculous Mycobacteria: A Role in Cystic Fibrosis?

Warner, Sherridan; Blaxland, Anneliese; Counoupas, Claudio; Verstraete, Janine; Zampoli, Marco; Marais, Ben J.; Fitzgerald, Dominic A.; Robinson, Paul D.; Triccas, James A. View more

Theses / Dissertations



Geological and structural analysis of the Hwange area-Northwest Zimbabwe: using remotely sensed data and geographic information systems (GIS)

Chivasa, Mufaro

View more

Open Educational Resources



Medicine and the Arts Week 3 - Art and play

Other Publications



Student co creation of open textbooks to address sense

Browse

All of OpenUCT

Communities & Collections

By Date

Authors

Titles

Subjects

Department

Faculty

Discover

Author

Butterworth, Doug S (764)

Brandão, Anabela (161)

Johnston, Susan J (155)

Rademeyer, Rebecca A (112)

Czerniewicz, Laura (95)

Nattrass, Nicoli (92)

Wood, Robin (79)

Buchholtz, Kim (77)

Burgess, Theresa (76)

Seekings, Jeremy (76)

... View More

Subject

South Africa (951)

Electrical Engineering (709)

Botany (607)

Chemistry (484)

Chemical Engineering (456)

Economics (411)

Medicine (401)

Civil Engineering (394)

Zoology (386)

Mechanical Engineering (379)

View

Findings from the study

Awareness of the OpenUCT

Expectations of the IR

Attitudes towards the IR

Utilisation of the IR

Usability challenges

Awareness of OpenUCT

- Awareness of the existence of OpenUCT
- Awareness of scholarly outputs stored in the IR
- Awareness of how to navigate the IR interface using various search strategies

Expectations of the IR

- ► To access IR easily
- ► To navigate the IR interface easily
- ► To find theses and dissertations
- Description of the resource
- ► Visible outputs for each community

Attitudes towards the IR

Positive attitudes

- Adding value in the research community
- Useful for relevant content
- > Trustworthy content
- Will recommend IR to others

Negative attitudes

- Prefer peer-reviewed content
- Usability challenges

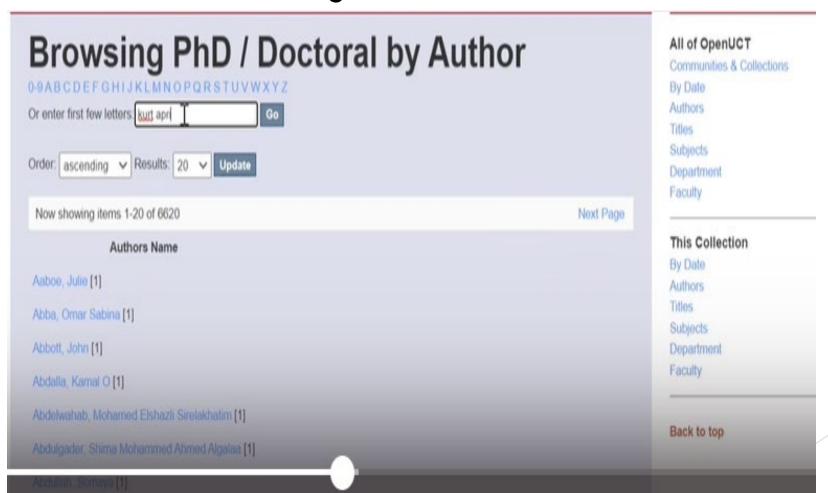
Utilisation of the IR

- The IR is utilised
 - Utilise to meet information needs
 - Access points
 - Use various search options

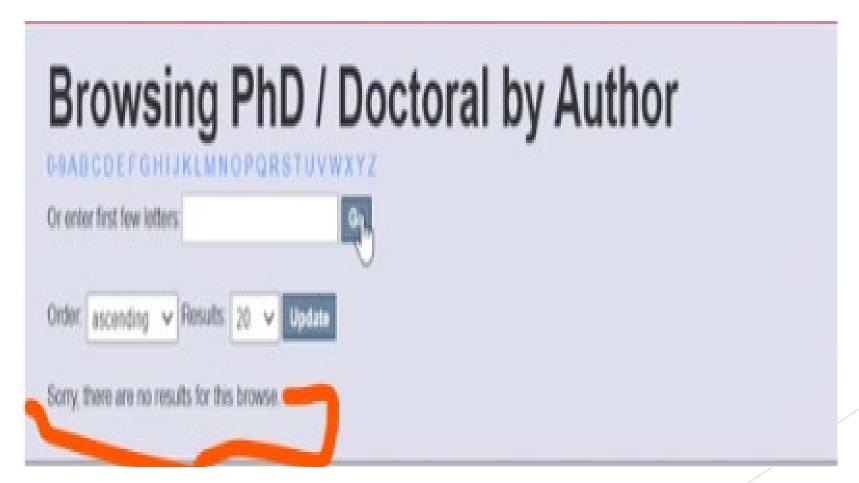
Not utilised

- Information needs are met somewhere else
- Lack of knowledge about the existence of the IR

Search field not working



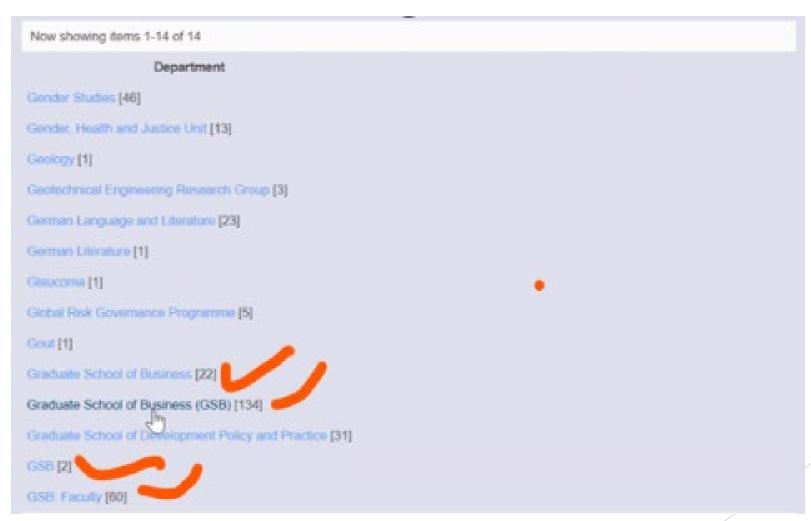
No retrieved search results



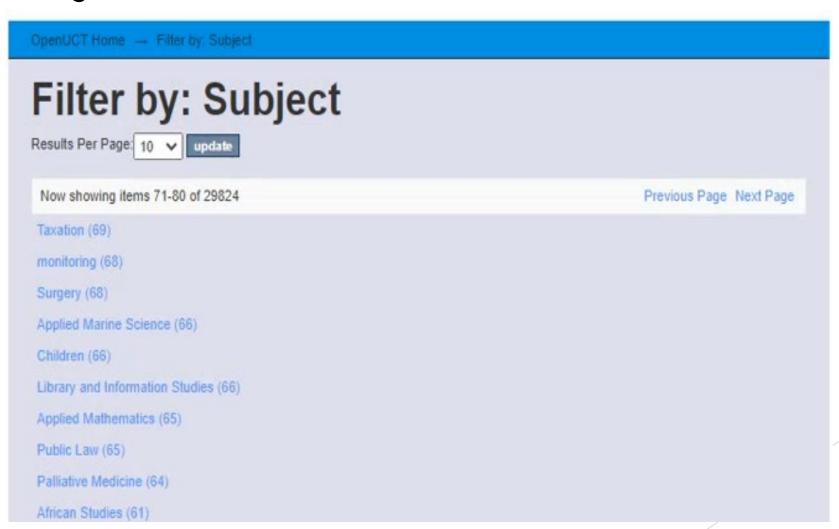
► Lack of some search fields/filters



Duplication of records



No logical order to filtered results



Recommendations



Improving awareness of the IR



Meeting the expectations of students



Improving utilisation of the IR



Improving the usability of the IR

Conclusion

- Postgraduates as a user group
 - > Students have a use for IR content
 - > They are seeking better experiences
 - > We need to pay attention to the user experience of this group
- Future research
 - > Larger sample size from different departments

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