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Investigating the use of Mobile Information Literacy Training over Traditional methods of Information Literacy Training.

Kabelo Nzima

<http://cvpost.org/tech-timeout-professor-gives-students-a-break-to-check-on-their-digital-lives/>





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Objectives

“whether we like it or not, whether we are ready for it or not, mobile learning represents the next step in a long tradition of technology-mediated learning. It will feature new strategies, practices, tools, applications, and resources to realize the promise of ubiquitous, pervasive, personal, and connected learning” - (Wanger; 2005)

The New Normal



<http://www.cuestionian.com/new-app-rewards-students-for-not-using-their-phone-in-class/>



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What is Information Literacy?

What is Information Literacy?

- The ability to find and use information
- Access information efficiently and effectively
- Information-gathering strategies
- Evaluate
- Use



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Purpose

“To be information literate, a person must be able to recognize when information is NEEDED and have the ABILITY to LOCATE, EVALUATE, and USE effectively the needed information. The information literate individuals are those who have LEARNED HOW TO LEARN” – (Lau,2006).

Challenge.....OR Opportunity





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Why Mobile Information Literacy?

Leveraging the use of technology

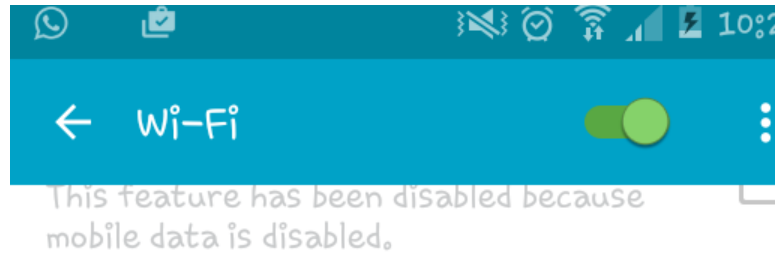
- Ease of access & Portability
- Free Wifi
- Mobile literate vs Computer literacy
- Mobile devices penetration



Ease of access




Free Wifi



Wi-Fi networks

 **TUKS**
Connected

 **eduroam**
Saved, Secured

 **TUKS-Guest**
Saved

Tshwane Free Wi-Fi



Mobile literacy vs Computer literacy

I can access it on my tablet but I don't know how to on the PC?

I saved it on my cellphone, how do I print it?

Can you send that article to my cellphone

Is there an app I can use for that?

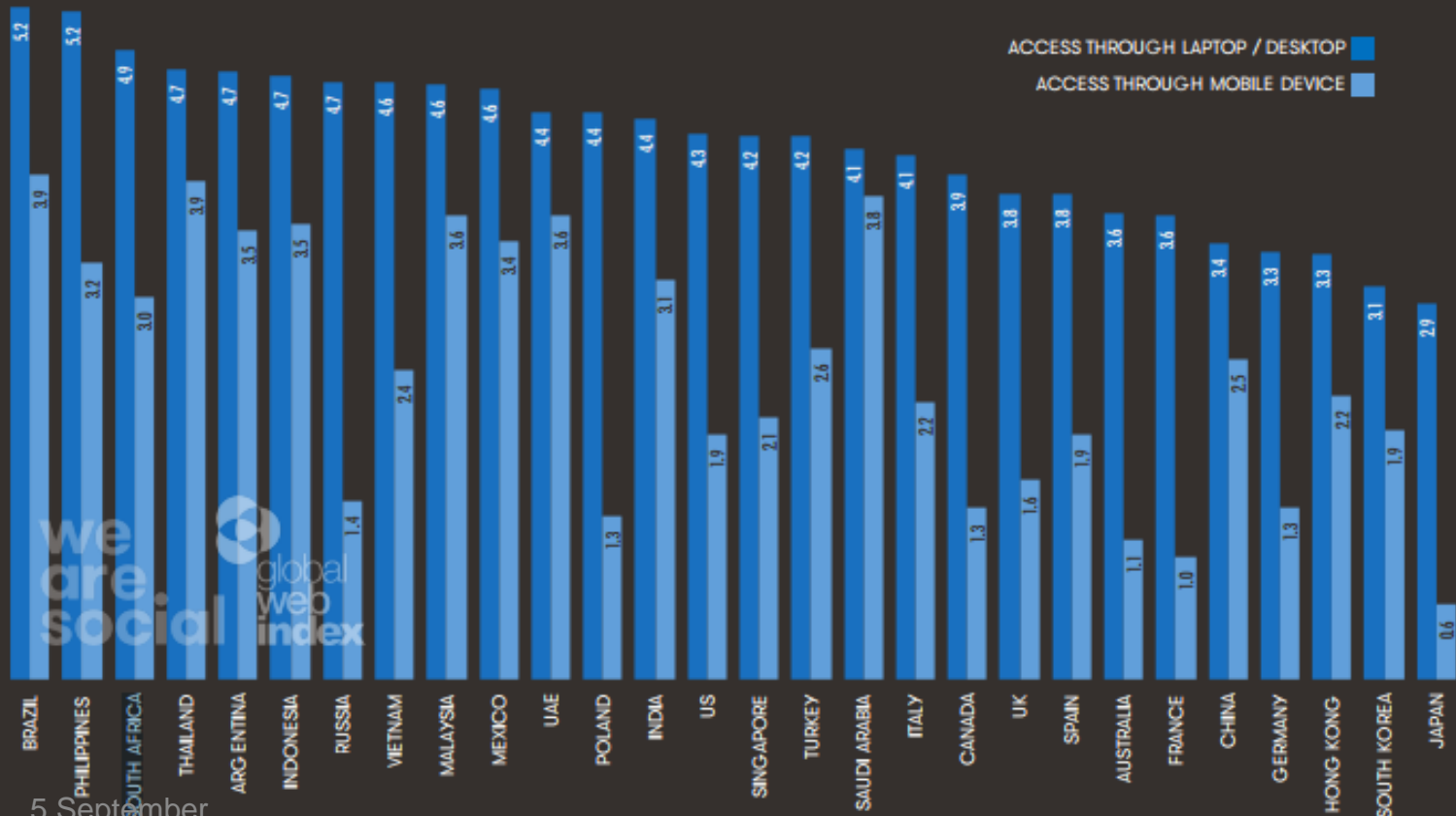


Mobile device penetration

JAN 2016

TIME SPENT ON THE INTERNET

AVERAGE NUMBER OF HOURS SPENT USING THE INTERNET PER DAY, SPLIT BY PC USE AND MOBILE PHONE USE

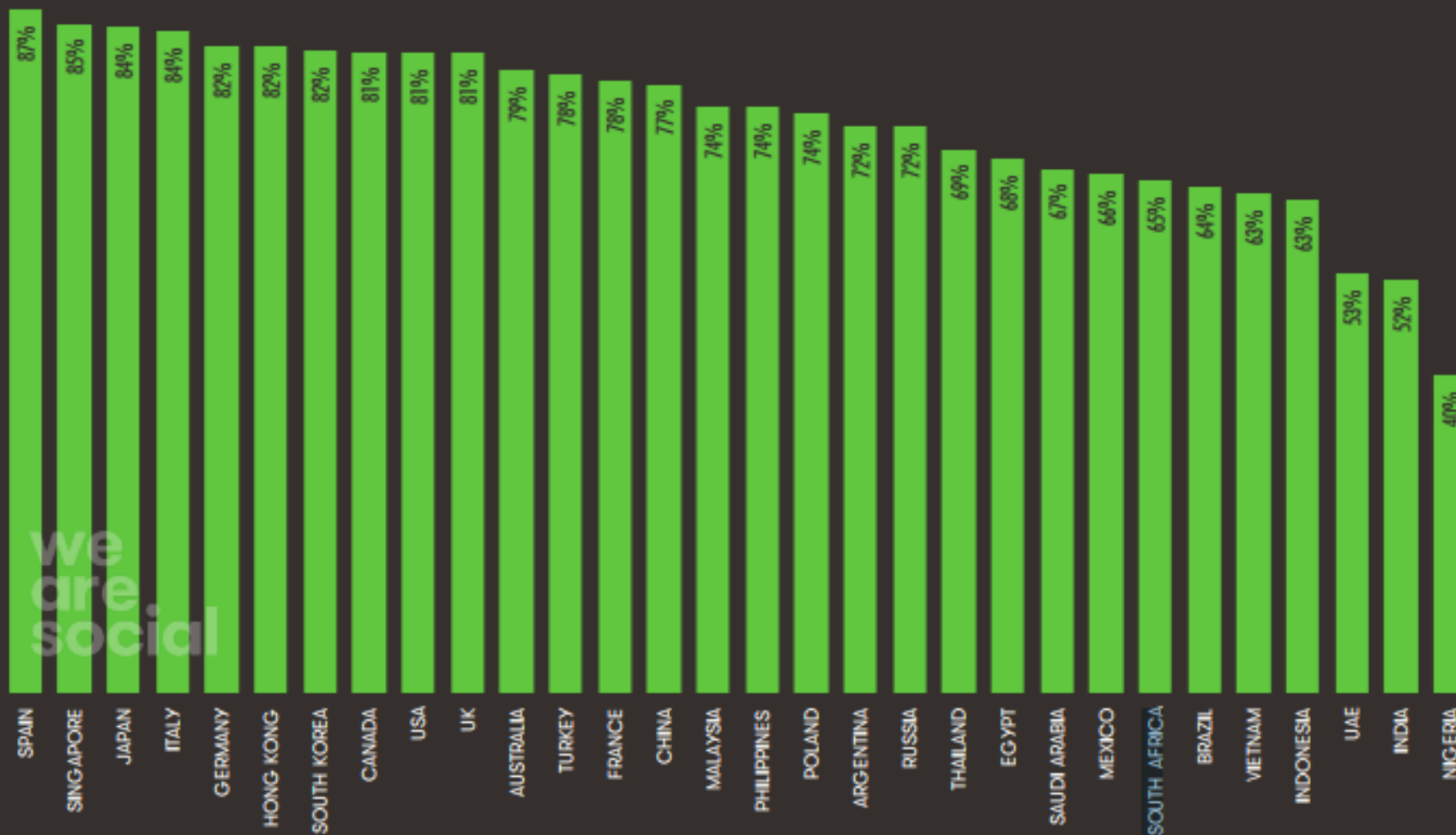


5 September 2016

JAN
2016

UNIQUE MOBILE USERS BY COUNTRY

MOBILE USERS BY COUNTRY, COMPARED TO NATIONAL POPULATIONS



we are social

JAN
2016

DIGITAL IN SOUTH AFRICA

A SNAPSHOT OF THE COUNTRY'S KEY DIGITAL STATISTICAL INDICATORS



TOTAL
POPULATION



we
are
social

54.73
MILLION

URBANISATION: 65%

FIGURE REPRESENTS TOTAL NATIONAL POPULATION, INCLUDING CHILDREN

ACTIVE
INTERNET USERS



we
are
social

26.84
MILLION

PENETRATION: 49%

FIGURE INCLUDES ACCESS VIA FIXED AND MOBILE CONNECTIONS

ACTIVE SOCIAL
MEDIA USERS



we
are
social

13.00
MILLION

PENETRATION: 24%

FIGURE BASED ON ACTIVE USER ACCOUNTS, NOT UNIQUE INDIVIDUALS

MOBILE
CONNECTIONS



we
are
social

85.53
MILLION

vs POPULATION: 156%

FIGURE REPRESENTS MOBILE PHONE SUBSCRIPTIONS, NOT UNIQUE USERS

ACTIVE MOBILE
SOCIAL USERS



we
are
social

10.00
MILLION

PENETRATION: 18%

FIGURE REPRESENTS ACTIVE MOBILE SOCIAL MEDIA ACCOUNTS, NOT UNIQUE INDIVIDUALS



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Survey

Purpose : To determine how 1st year Health Sciences students at the University of Pretoria access library resources



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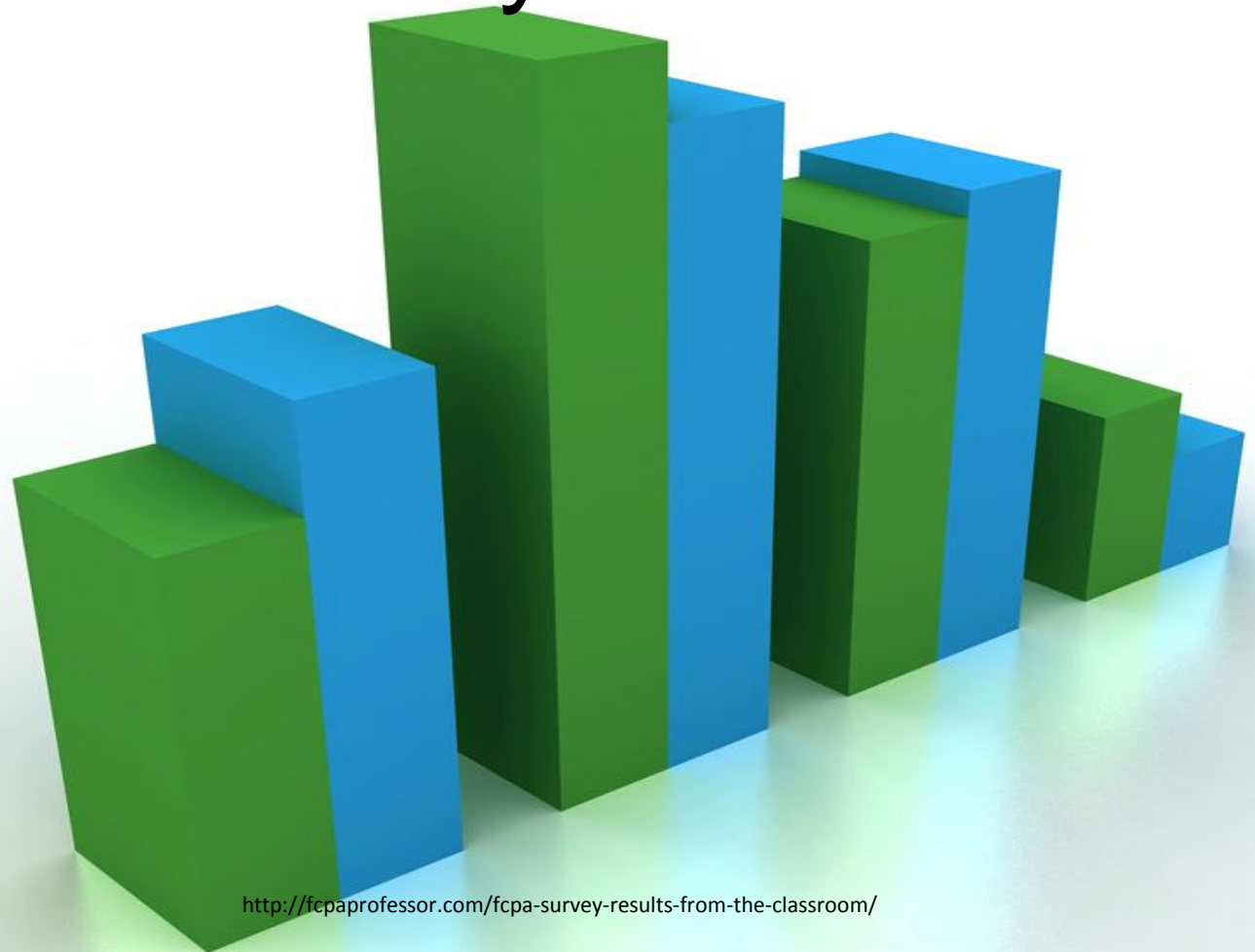
Survey

Objective : Determine how the University of Pretoria Health Sciences Library can enable their first year students to use their mobile devices to access library resources



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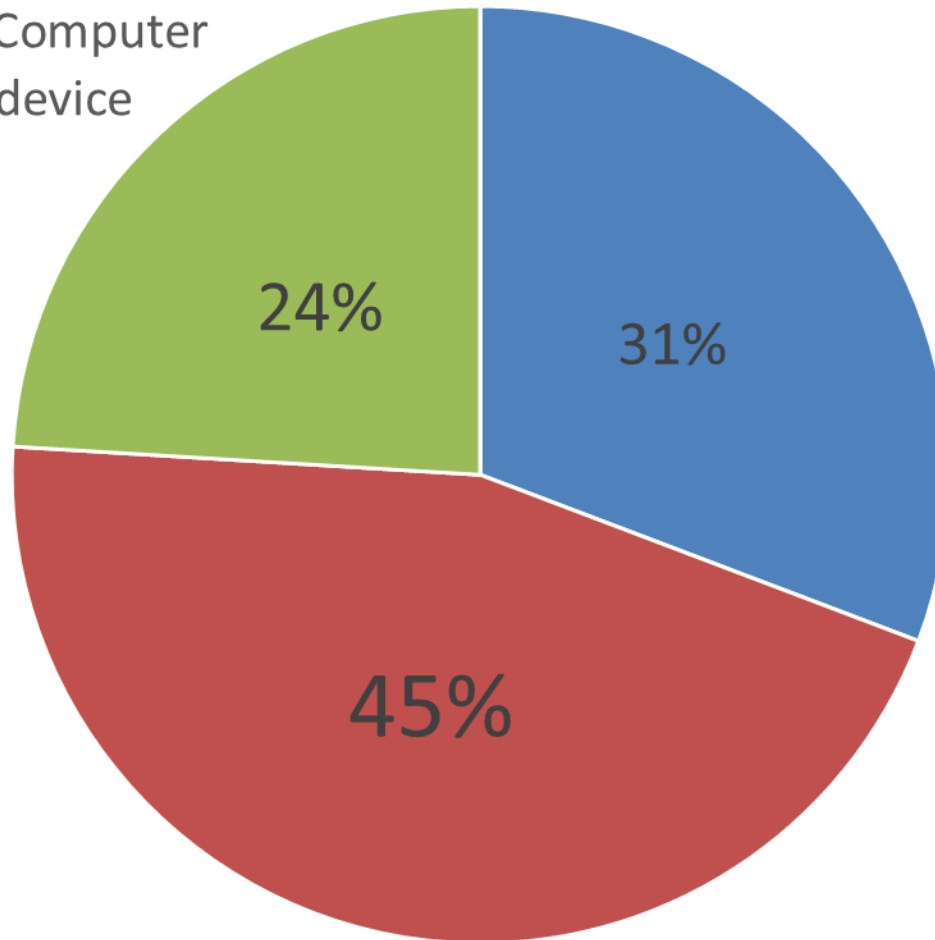
Survey Results



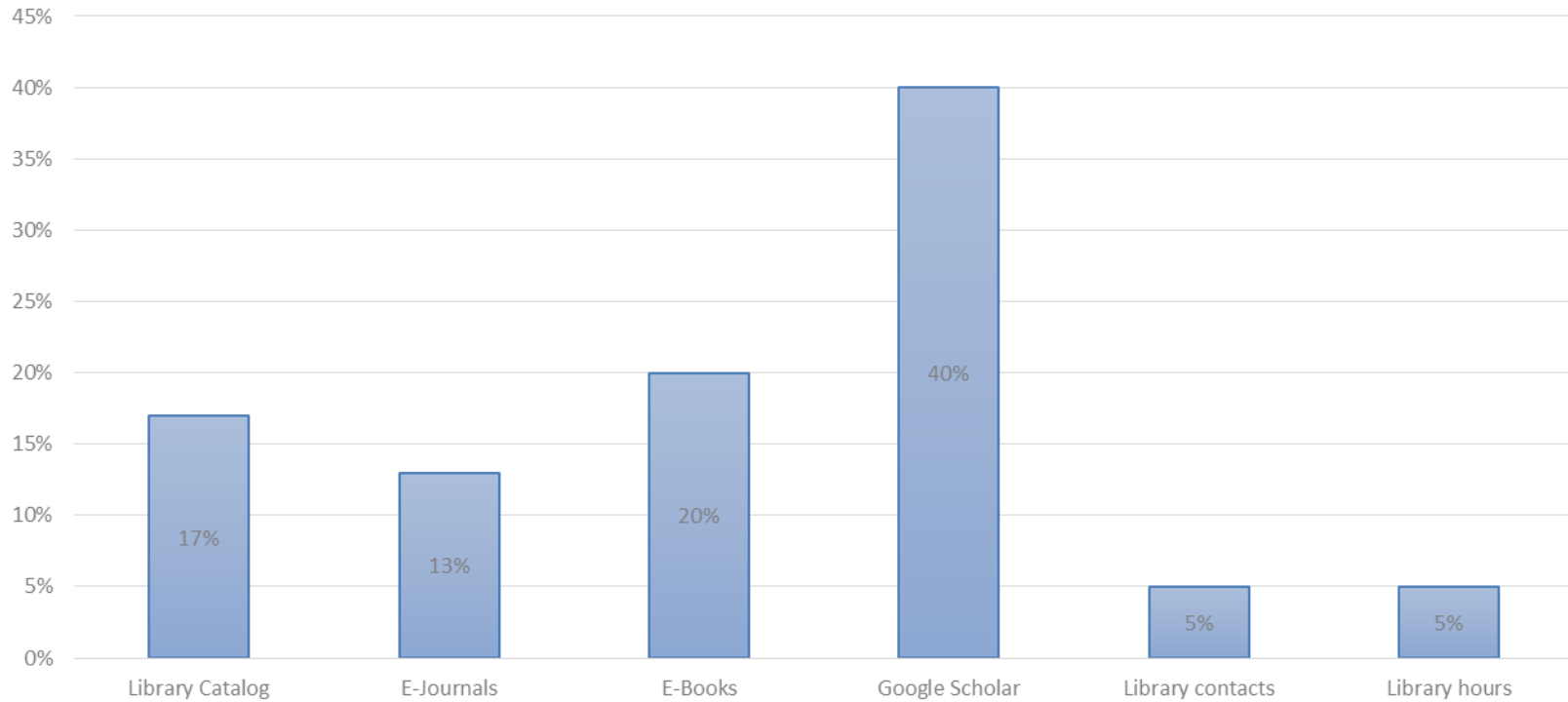
<http://fcprofessor.com/fcpa-survey-results-from-the-classroom/>

Which device do you use most often to access the library webpage

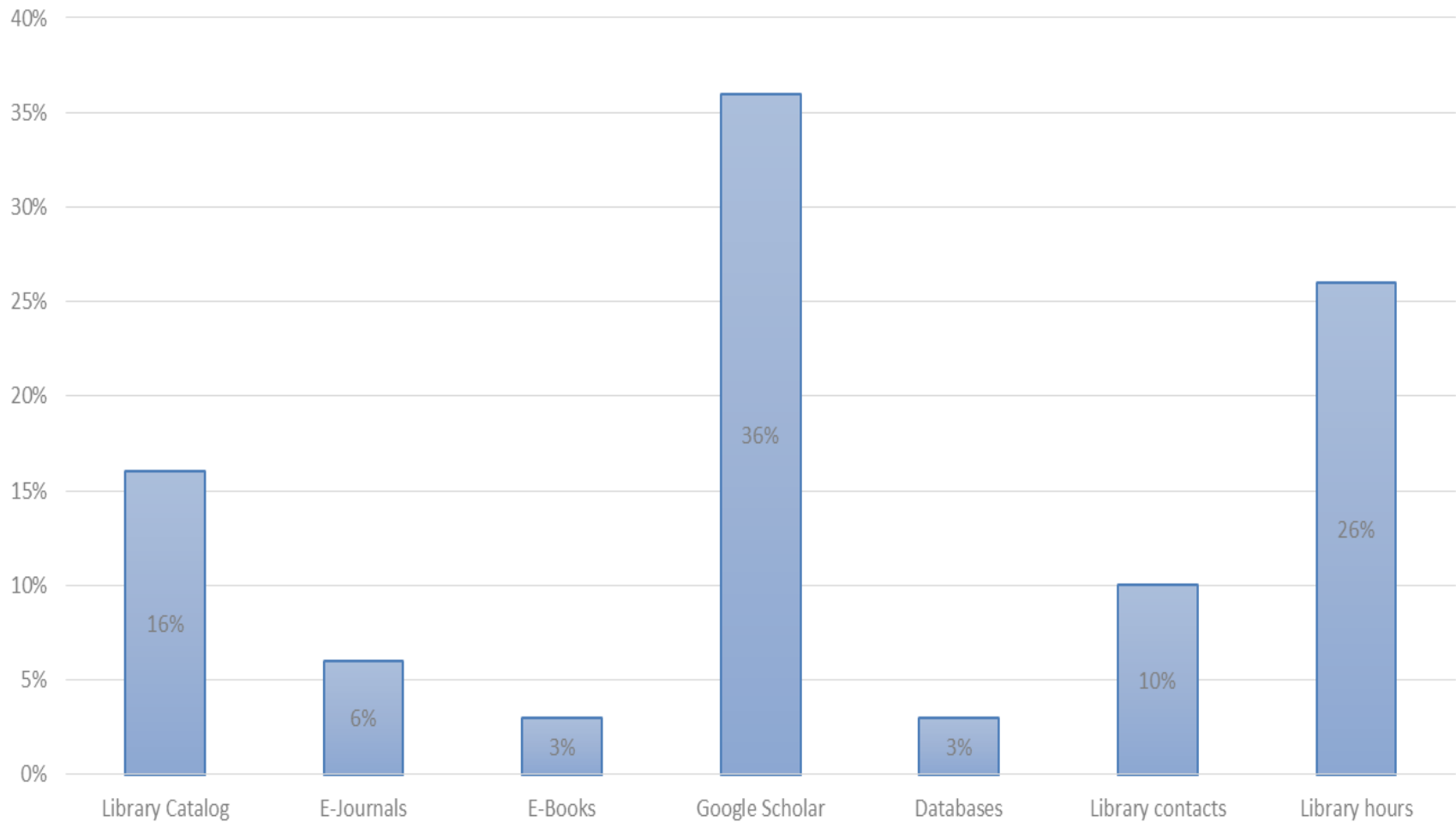
- Home Computer
- Library Computer
- Mobile device



Which Library sources do you access on your mobile device



Which library information are you able to access on your mobile device without any training?





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What's Next????



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Mobile Information Literacy Training



<http://www.gettyimages.com/detail/video/woman-touching-cell-phone-and-lying-on-meadow-stock-image/490695195>

Typical Health Sciences 1st year training

- Health Sciences Libraries
- Health Database
- Assignment Writing Skills
- Printing
- e-Journals
- e-Books
- Copyright & Plagiarism
- Referencing & Citing



Health Databases for 1st medical year students

- Access Medicine
- Clinical Key
- PubMed
- Scopus
- Google Scholar



Mobile sites



[Library Home](#)

[Libraries & Units](#)

[Search](#)

[Services](#)

[My Library Space](#)

[About Us](#)

Department of Library Services

+27 12 420 2235/6



Health Sciences Libraries -
Home

Staff



Health Databases

e-Journals

e-Books

Welcome to the Faculty Libraries for Health Sciences

The Health Sciences Libraries' goal is to support teaching & learning and research activities of students and staff of the Faculty of Health Sciences at the University of Pretoria.

[Contact Information](#)



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Health Databases

e-Journals

e-Books

Interlending



Referencing & Citing

Practice Guidelines

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Health Databases

AccessMedicine

AccessPhysiotherapy

Africa-Wide Information

AIDS and Cancer Research Abstracts

Biomedical & Life Sciences Collection

Biotechnology Research Abstracts

BookData Online

CAB Reviews

CINAHL: Cumulative Index to Nursing and Allied Health Literature

Clinical Evidence

ClinicalKey

Cochrane Library

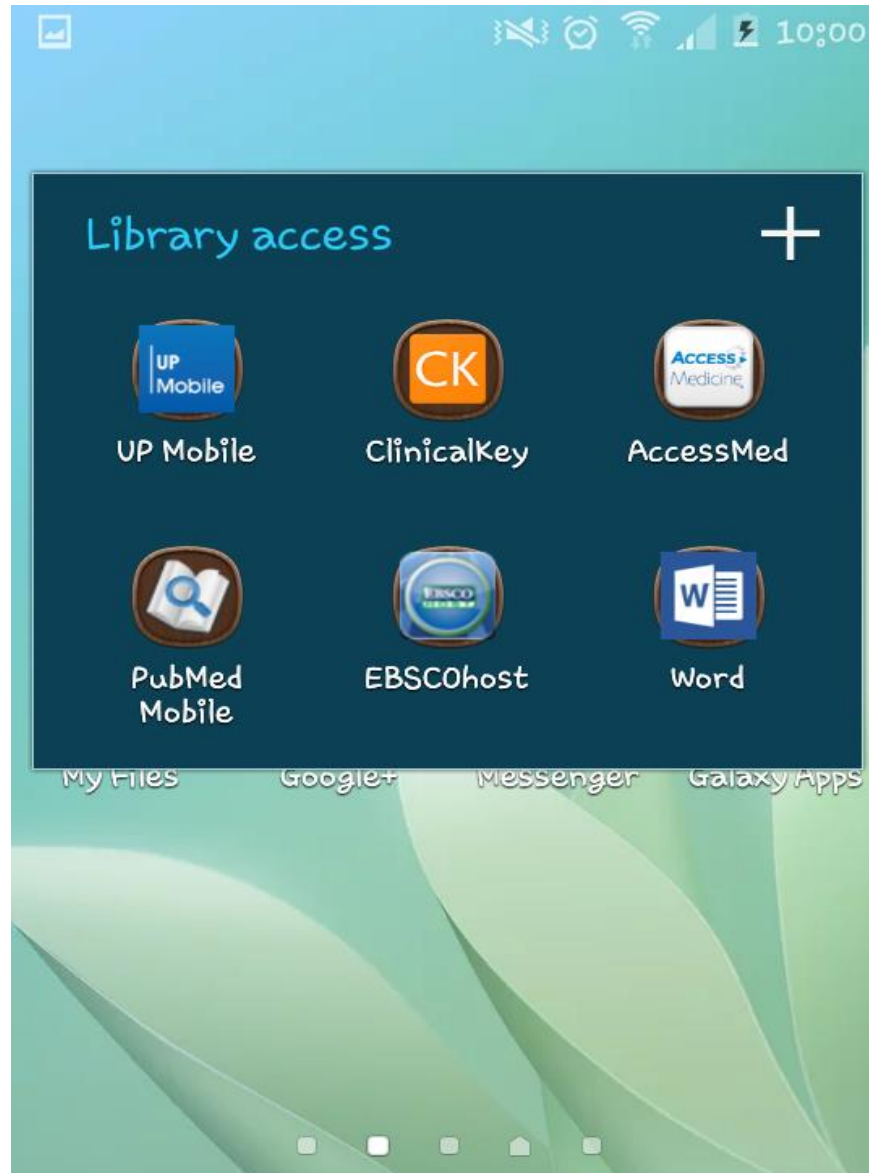
Current Contents®

Dentistry & Oral Sciences Source

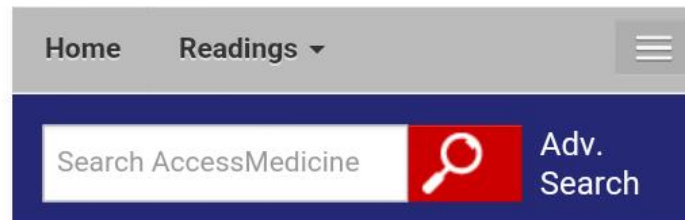
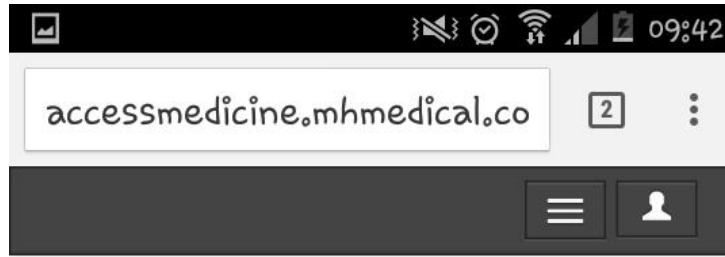
Dorland's Illustrated Medical Dictionary

Environmental Science and Pollution Management

Applications



Applications



Read



Learn







Katzung & Trevor's Pharmacology: Examination & Board Review, 11e

Anthony J. Trevor, Bertram G. Katzung, Marieke
Kruidering-Hall

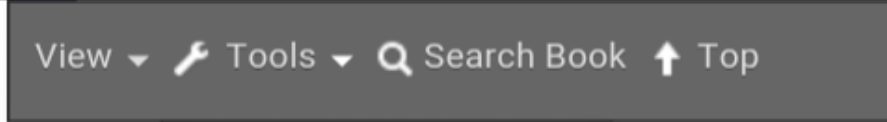
Interactive Self-Assessment

[Show Chapters](#) [Hide Chapters](#)

-  PART I: BASIC PRINCIPLES
-  PART II: AUTONOMIC DRUGS
-  PART III: CARDIOVASCULAR DRUGS
-  PART IV: DRUGS WITH IMPORTANT ACTIONS ON

Email to Printer



ANG

-  Print
-  Email

ANTAGONISTS



VASOPEPTIDASE

INHIBITORS



BRADYKININ



Challenges

- Cell phones with no internet access
- All play no work
- Mobile Applications
- Database Licenses



Conclusion

Students already use their mobile devices for most parts of their lives, lets provide them with necessary skills on how to access library sources on their devices by giving them effective and appropriate mobile device literacy training.

“If I have one prediction about the future of mobile computing, it’s this: The future of mobile is the future of computing is mobile.”- (Hanson, 2011)

Bibliography

1. Hanson, C. W. (2011). Issues for information access on the mobile web. *Library Technology Reports*, 47(2), 32-34.
2. Lau, J., 2006. Guidelines on information literacy for lifelong learning. *IFLA, Veracruz*.
3. Wagner, E. D. 2005. Enabling Mobile Learning. *EDUCAUSE review*, 40, 40-53.