

African Digital Health Library (ADHL) - Zambia

<http://dspace.unza.zm:8080/xmlui/handle/123456789/5087>



African Digital Health Library (ADHL) - Zambia

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The African Digital Health Library (ADHL), Zambia node, makes available health related content ranging from theses, dissertations, and Ministry of Health reports from Zambia.

ADHL currently operates in 7 African Countries and is supported by the medical librarians. It is a collaborative effort among medical librarians at major universities in sub Saharan Africa and is funded by the office of Global AIDS/US Department of State. The Zambian node is managed through the University of Zambia (UNZA) Medical Library.

For more information, please contact Celine Mwafuilwa at: cmwafuilwa@unza.zm

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Collections in this community

Livingstone School of Nursing [1]

Livingstone School of Nursing

Lusaka Apex Medical University [0]

Lusaka Apex, Zambia

Medical Journal of Zambia [77]

Medical Journal

Ministry of Health [101]

Ministry of Health, Republic of Zambia

Mulungushi University [5]

Mulungushi University

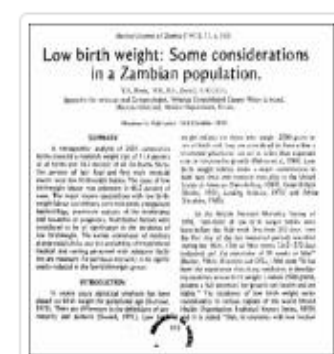
University of Barotseland [0]

Barotseland University

Zambia National Public Health Institute [23]

ZNPHI

Recent Submissions



Low birth weight

Davis, V.E. (Medical Journal of Zambia., 1977-08)

A retrospective analysis of 2401 consecutive births revealed a lowbirth weight rate of 11.4 percent of all births and 14.2 percent of all live borns. Sixtyfive percent of late fetal and ...

By Issue Date

Authors

Titles

Subjects

MY ACCOUNT

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DISCOVER

Author

Ministry of Health (25)

Mufunda, J. (9)

Siziya, S. (7)

Vwalika, B (7)

Chanda, D.O. (6)

Mazaba, M.L. (6)

Chintu, C. (4)

Project Team

Project Coordinator

1. Celine Mwafuililwa

Medical Library Team

1. Mercy W. Monde
2. Mubanga Lumpba
3. Kabilwa Silumesi
4. Emma Theo-Ndalameta
5. Maggie Kambai Malambo

Principal Investigators

1. Christine W. Kanyengo – Principal Investigator
2. Trevor Kaile – Co-Principal Investigator
3. Francina Makondo - Co-Principal Investigator

IT Team - Library

1. Inonge Imasiku
2. Francis Chulu

IT Team – Centre for Information & Communication Technology (CICT)

- Chilukusha Kajoba
- **Scanning team**
- Alexander Chisanga
- Sarah Chongo

Outside IT Consultant

- Nason Bimbe (UK based)

Goals and Objectives

The overall objective of this proposal is to increase the health content that is held in the Medical Library digital health repository

- To build a digital health repository that is freely accessible online.
- To digitise a critical mass of content from the University and materials from the Ministry of Health.
- To collaborate with other health stakeholders.
- To promote the use of available open access health content.
- To promote mentorship activities amongst all the stakeholders.
- To formulate and implement the IR policy after the policy.

Anticipated Project Benefits

- Increased discoverability of medical and health related documents produced locally in Zambia.
- Quality assurance of submitted and uploaded institutional documents can be enhanced.
- Access to Institutional information in Zambia is very problematic; therefore, this project will make accessible permanently institutional information coming from the University of Zambia and related agencies.
- This project can be used as basis for building regional and thematic repositories such as those for Agriculture, Education, Environment, and Tourism etc.
- Will contribute to the provision of evidence in the policy making sphere.

The Launch

Sensitisation meeting

- The launch of the African Digital Health Library (ADHL) – Zambia project at the University of Zambia Medical Library was kicked off by the sensitization meeting of Administrators from the Ministry of Health; Faculty, Researchers and Administrators from the School of Medicine, School of Nursing Sciences, School of Public Health and School of Health.
- The Zambia National Institute of Public Health also sent two representatives to attend the sensitization meeting which was held on the 15th of February, 2018 in the School of Medicine Dean's Board room.

The workshop

- The sensitisation meeting was followed by a training workshop that was held from 19-20th February, 2018.
- The workshop was attended by 22 participants from 13 institutions representing both library and ICT professionals

Management of documents in the IR

- Using existing infrastructure by focusing mainly on populating the digital health repository as well as conducting capacity building and instituting advocacy and promotional programmes both within and outside the university.
- The University of Zambia Medical Library staff is responsible for selecting content for the institutional repository in line with the UNZA Medical Library's Collection Development policy.
- Accessible on the University of Zambia Library website.
- Work is distributed among several people. Some people search for online documents, Student Assistants do the scanning.
- One person does the metadata creation and upload. However, we have realised it is too much work for one person. Will assign two more staff members from the team to also do this work

Quality Assurance

- Two people do the quality assurance and approval

Nason will report on these two Aspects

- Systems implementation
- Systems updates and maintenance.

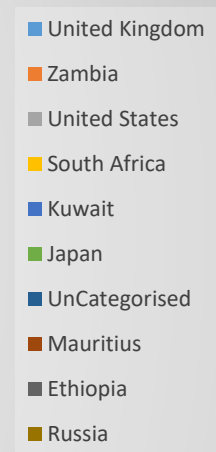
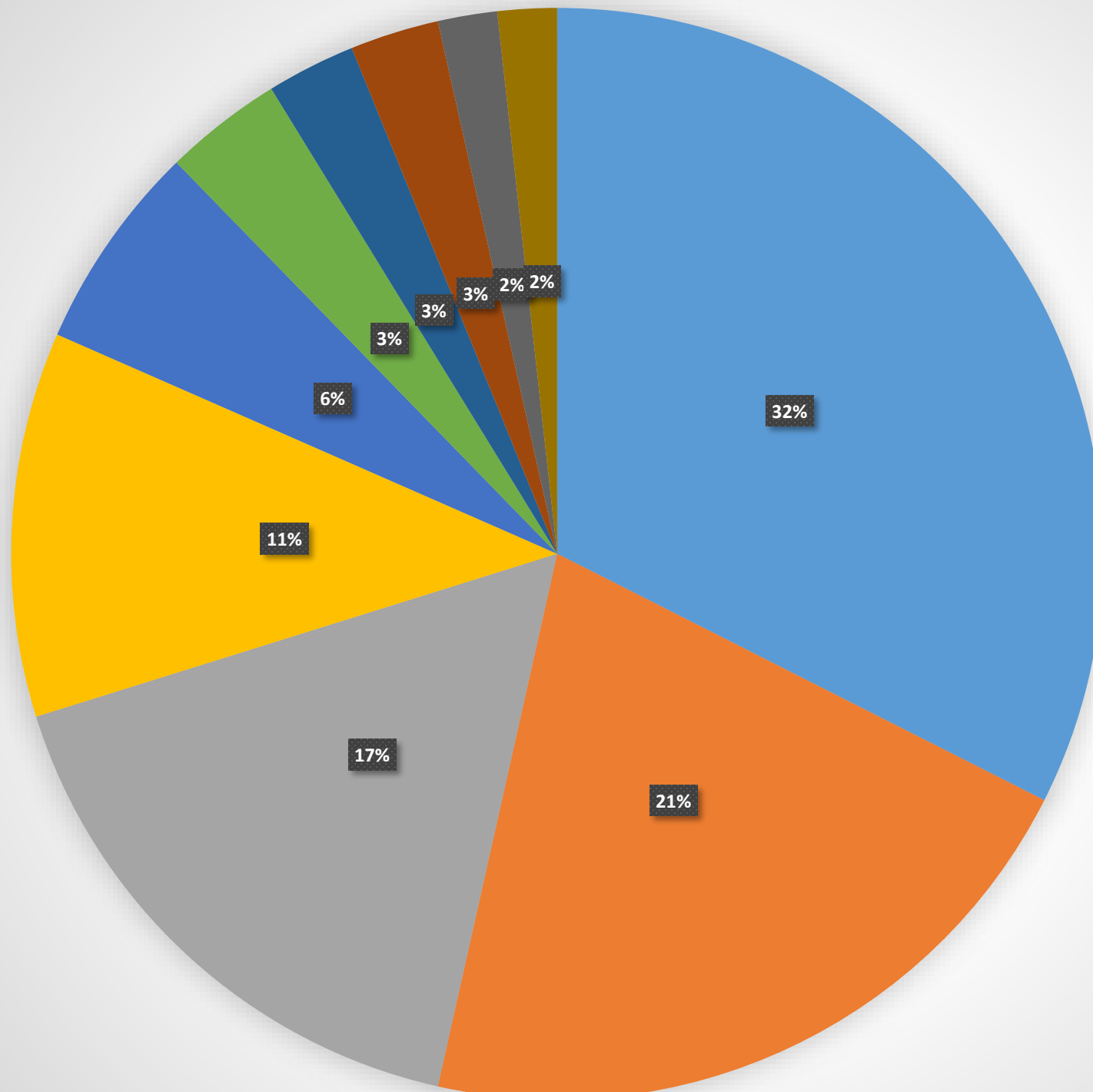
Digitization and Usage Statistics (Updated)

- The exercise of digitizing documents kicked off on the 20th of April, 2018. So far 378 documents have since been digitized.
- By 9th of October, 206 documents have been archived and are already being viewed/downloaded in a number of countries the world over.
- **See Statistics Below:**
- Please note that these statistics covers the period from April 2018 to 9 October 2018 for the Community '**African Digital Health Library (ADHL) – Zambia**' located at <http://dspace.unza.zm:8080/xmlui/handle/123456789/5087>.
- Total Number of Items: **206**
- Total number of downloads: **1,448**
- Average download per Item: **7**

Publication Date Range	Total number of Items	Total Downloads	Average Downloads
2010 - 2018	117	1, 002	8.56
2000 – 2009	9	49	5.44
1980 – 1989	35	167	4.77
1970 – 1979	33	165	5.00
1967 – 1969	12	65	5.42
TOTALS	206	1,448	7.03

Breakdown by Date of Publication

•From the averages it can be concluded that all publication dates ranges are useful to users.



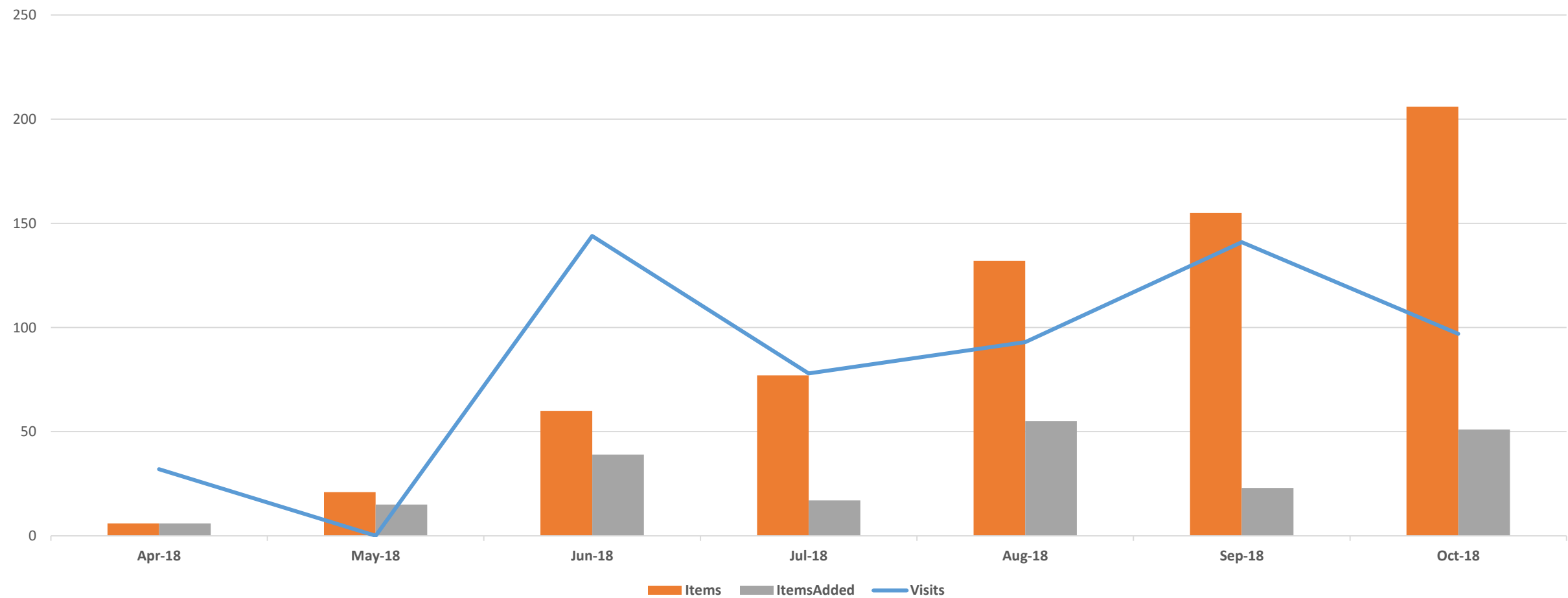
The trend here seems to show that usage will be growing as more content is added and improvements made to discovery in June takes hold.

There are however more opportunities to make the content more visible in other third-party discovery services and aggregators which could increase usage significantly.

Awareness of the collection to various audiences both producers and consumers is also critical.

Please note that the spike in June was due to the visibility of content that was made (via Google Search) during the upgrade of the platform
Please also note that though October seems to have gone down, the data covers the dates from 1st to 9th October 2018.

Overall Visits against number of Items added and Total Items



Top Search Terms

Overall



	Search Term	Searches	% of Total	Pageviews / Search
1	author_keyword:Mweemba, A	4	3.64%	0.00
2	chronic kidney disease	4	3.64%	0.00
3	Ebooks	3	2.73%	0.00
4	HIV aids in kaposi sarcoma	3	2.73%	0.00
5	author_keyword:Chanda, D	3	2.73%	0.00
6	author_keyword:Zambia Colleges of Medicine and Surgery (ZACOMS)	3	2.73%	0.00
7	dateIssued_keyword:[1967 TO 1969]	3	2.73%	0.00
8	dateIssued_keyword:[1980 TO 1989]	3	2.73%	0.00
9	has_content_in_original_bundle_keyword:true	3	2.73%	0.00
10	author_keyword:Chanda,+D.O.	2	1.82%	0.00

What pages do your users visit?

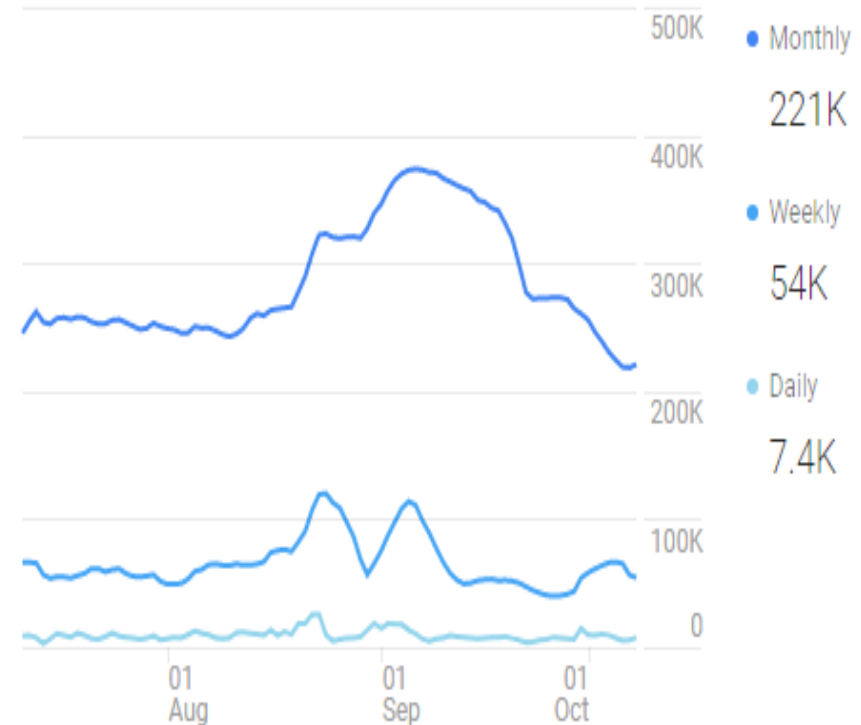
Page	Page Views	Page Value
/xmlui/	2,147	\$0.00
/xmlui/handle/123456789/1093	1,988	\$0.00
/xmlui/discover	901	\$0.00
/xmlui/handle/123456789/18	701	\$0.00
/xmlui/handle/123456789/289	540	\$0.00
/xmlui/handle/123456789/3589	371	\$0.00
/xmlui/submissions	369	\$0.00
/xmlui/password-login	363	\$0.00
/xmlui/handle/123456...ue=Natural+Sciences	332	\$0.00
/xmlui/handle/123456789/3585	316	\$0.00

Last 28 days ▼

[PAGES REPORT](#) >

How are your active users trending over time?

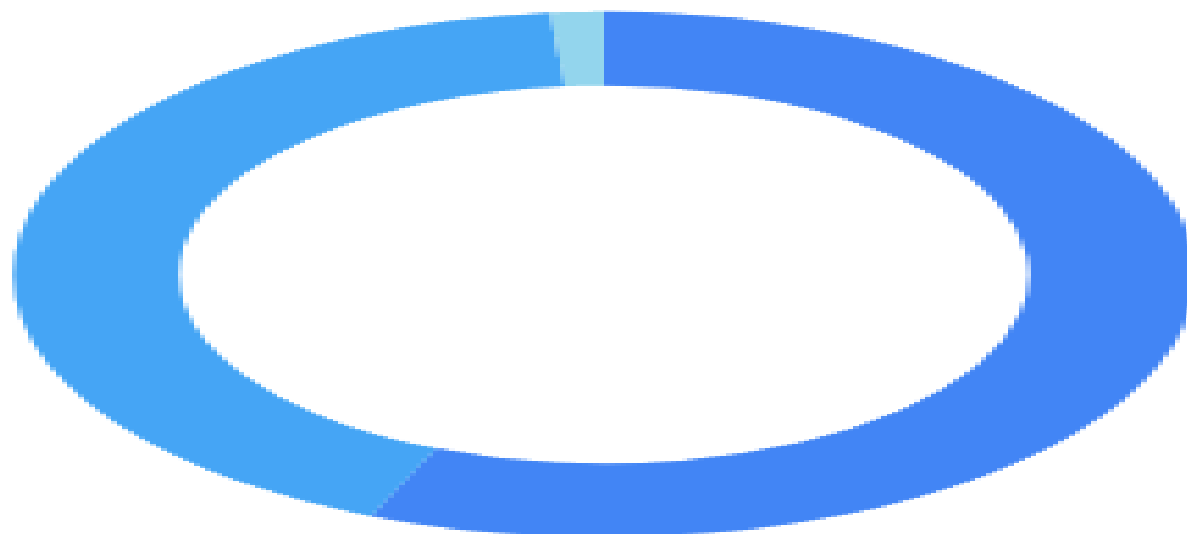
Active Users



Last 90 days ▼

[ACTIVE USERS REPORT](#) >

Sessions by device



Desktop

56.5%

↓ 19.6%



Mobile

42.1%

↑ 19%



Tablet

1.5%

↑ 0.6%

Last 28 days ▼

[MOBILE OVERVIEW](#)



ADHL-Promotional Activities

ADHL Promotional Activities

1. Promotional Activity 1: Radio Interview. 8th May, 2018
2. Promotional Activity No. 2: Library and Information Association of Zambia (LIAZ) Annual General Conference: 17th to 20th July, 2018.
3. Promotional Activity No 3: The University of Zambia Ridgeway Campus Golden Jubilee Celebrations: 17th to 20th of August, 2018
4. Promotional Activity No. 4: Agriculture and Commercial Show of Zambia: 1st to 6th of August, 2018.
5. Promotion Activity No. 5: India: National Institute of Technical Teachers Training & Research (NITTR) 20th August, 2018
6. Promotion Activity No. 6: Mulungushi School of Medicine and Livingstone School of Nursing: 4th September, 2018.
7. Promotional Activity No. 7: University of Barotseland: 18th of September, 2018
8. Promotional Activity No. 8: Lewanika School of Nursing, Mongu: 18th September, 2018.
9. Promotional Activity No. 9: Senanga School of Nursing – Senanga
10. Promotional Activity No. 10: Visibility and Discoverability of Medical and Health Research Output: Zambia

Promotional Activity 1: Radio Interview. 8th May, 2018



- The first ADHL promotional activity took place on the 8th May, 2018.
- This was a radio programme at the Zambia National Broadcasting studio in Lusaka, Zambia.
- An Assistant Librarian together with a Student Assistant held an interview on the ADHL targeting radio listeners from all parts of the country.
- **Mr. Silumesi on the left hand side and Mr Chisanga a Student Assistant on the right**

Questions and answers on the Radio Interview

- **Question:** Recently UNZA library through its Satellite Medical Library launched the African Health Digital Library (ADHL). Would you explain to the listeners what the ADHL project is, what is it all about?.
- **Answer:** ADHL is a collaborative effort of academic medical librarians from across the African continent. It is project which is all about creating a digital health library that will contain health information from Zambia.
- **Question:** In this era of digital technology, so much wealthy of information is being churned out continuously. How will ADHL positively contribute to this technological development?
- **Answer:** ADHL will contribute to this technological development by specifically providing only the Zambia local health content. This will make more Zambians interact with the system upon realising that there is content that relates to their environment online.
- **Question:** The digital divide is also a major concern for a country like Zambia where the gap between those with access to ICTs and Internet is said to be widening in this fast changing era of technological innovation. How do you hope that the project will contribute to narrow this gap?.
- **Answer:** Access to information is free. Most people have phones now, including the remotest areas of Zambia. Therefore ADHL can be accessed on an online archive using the phone in any part of the country.
- **Question:** Once the ADHL is successfully implemented and rolled out, what are the expected outcomes as far as making health information available to users is concerned?.
- **Answer:** An increase in discoverability and accessibility of current local health content. ADHL is here to help save a life through open the access digital health library that is permanent and easy to access through the University of Zambia website.

Promotional Activity No. 2. Library and Information Association of Zambia (LIAZ) Annual General Conference: 17th to 20th July, 2018



- The second Activity took place during the Library and Information Association of Zambia (LIAZ) Annual General Conference which took place in Livingstone the tourist capital of Zambia.

Selected Comments on the ADHL presentation at the LIAZ conference

- Some institutions wanted to know the criteria that was used to select the institutions that are part of the ADHL project
- Many institutions at the conference applauded the ADHL project as being innovative and therefore wanted to be a part of it.
- However, some institutions expressed disappointment that they were not part of the project despite being in the health sector and being providers of information.
- Others felt that the University of Zambia will be the only beneficiary by virtue of the project being hosted by the institution.
- There were requests for the kind of procedures followed to acquire funding for such projects.
- There were many requests for more sensitisation campaigns to be conducted at various institutions that were not selected to be part of the project so that their students and lecturers can benefit from the project as well.
- Some institutions expressed worry that copyright issues needed to be carefully addressed within their respectful institutions so that it is easier for them submit their documents.
- Some individuals wanted monetary benefits from the articles they have published, therefore, do not see value in sharing their work with others for free.

Promotional Activity No 3. The University of Zambia Ridgeway Campus Golden Jubilee Celebrations: 17th to 20th of August, 2018

This was a four day event. All four schools at this campus namely:

- School of Public Health
 - School of Health Sciences
 - School of Nursing Sciences
 - School of Medicine
-
- Each had **ONE** day to show case their history, current operations and future plans etc. under the theme: ***“50 years of Excellence in Research, Service and Training of Health Care Professionals”***
 - The Medical library too had to show case its history and current operations and services being provided to all the above 4 health schools which were once **ONE** School of Medicine. Unlike the schools which each had only ONE day, the medical library was asked to exhibit for four days under its own theme: ***“50 years of Excellence and service in the provision of health information***

**With the Dean, School of Medicine – Professor Kaile.
The Authorizing Institutional Representative for the ADHL-Project, Zambia.**





ADHL Staff with Professor Fastone Goma former Dean, School of Medicine. Chairperson of the Jubilee organizing Committee: Impressed with the library and the ADHL as the latest information resource in the Medical library.



With Professor Sekelani Banda – Director Training and Development in the Ministry of Health. He visited our stand during the Jubilee Exhibition. Encouraged us not to give up getting materials from the MOH due to the red tape

Promotional Activity No. 4. Agriculture and Commercial Show of Zambia: 1st to 6th of August, 2018.

- Theme for 2018 Agriculture and Commercial Show: “Sustainable Economic Empowerment”
- *The Judges at the exhibition wanted to know the relationship between the products you are marketing and the “theme” for the year:*
- Information is power. Without information a nation cannot achieve sustainable economic development and economic empowerment.
- The Medical library has gone further by making information easily accessible through the African Digital Health Library (ADHL) Zambia Project.
- A collaboration of Medical librarians in the Sub Saharan Africa, whose purpose is to digitize health related resources such as clinical guide lines and many more from the Ministry of Health and University of Zambia for permanence and easy online accessibility to save lives especially in far flung rural areas.



A group of exhibitors wondering what was the little box the people in the picture were looking at. It's the computer and the internet for easy access of information simultaneously the world over.



ADHL Exhibitor explaining to the show goer how to access the ADHL Collection and why it was a special digital library.



We think that the Medical Library contributed greatly to the University winning the First Prize in the Education Sector at the Show. Hence the cup in the picture!

Promotion Activity No. 5 India: National Institute of Technical Teachers Training & Research (NITTR) 20th August, 2018



- One of the project personnel went to India for a short training. He presented a paper on ADHL as a project going on in the University of Zambia Medical Library.

Feedback on ADHL seminar presentation at NITTR, Chennai India

- Was there a possibility of having a shared repository on all the institutions involved in the ADHL Project
- A question was asked on the sponsor of the ADHL Project
- Two colleagues working in Tanzania working as librarians wanted to know how their institutions can also be part of the ADHL Project
- There was a question on whether UNZA library has a policy on its institutional repository
- The overall response from the other participants from the 11 countries at that seminar presentation were of the opinion that the ADHL Project is a practical project which other institutions can learn from.

Provincial Promotional Activities

- One of the initial aims of the workshop was to take participants through the existing platform highlighting the key areas that were important to the participants which included:
 - (a) content selection, (b) cataloguing, (c) copyright clearance if required, (d) digitization if required, (e) required metadata, and (f) depositing the content into the platform.
- Participants were to be taken through the platform's statistical capabilities.
- Due to lack of time, this was not achieved during the workshop because the node needed to be created first and was not done before the workshop. Furthermore, there was no clear understanding of how this would look like to the participants.
- Hence the visitations to the provincial Nursing Schools as well as University Medical Schools to demonstrate to the librarians and other staff how to access the platform.

Promotion Activity No. 6 Mulungushi School of Medicine and Livingstone School of Nursing: 4th September, 2018.



The Principal Tutor, Livingstone School of Nursing Sciences, and the UNZA Medical Librarian were part of the audience during the presentation at Mulungushi Medical library. The two institutions are located close to each other.

Wondered why South African Universities are not on the board the ADHL.

There were concerns on copyright issues for articles published in international journals.

One professor wanted to find out whether it was allowed to have an articles published in peer reviewed journals made open access in the Institutional Repository/Dspace.



Promotional Activity No. 7: September, 2018

University of Barotseland: 18th of



In the Vice Chancellor's temporal office. University of Barotseland

Sitting far end in the center the vice Chancellor, next to him on the left hand side is the University Registrar and the Registrar Academic.



- **Comments from the VC:** The University is relatively new and is lacking in library resources and the means to acquire the prescribed textbooks. Therefore ADHL is the best option to go. Through the ADHL presentation, they were made aware of other Communities and collections that they can access as well as databases that are free through the UNZA website.

Concerns:

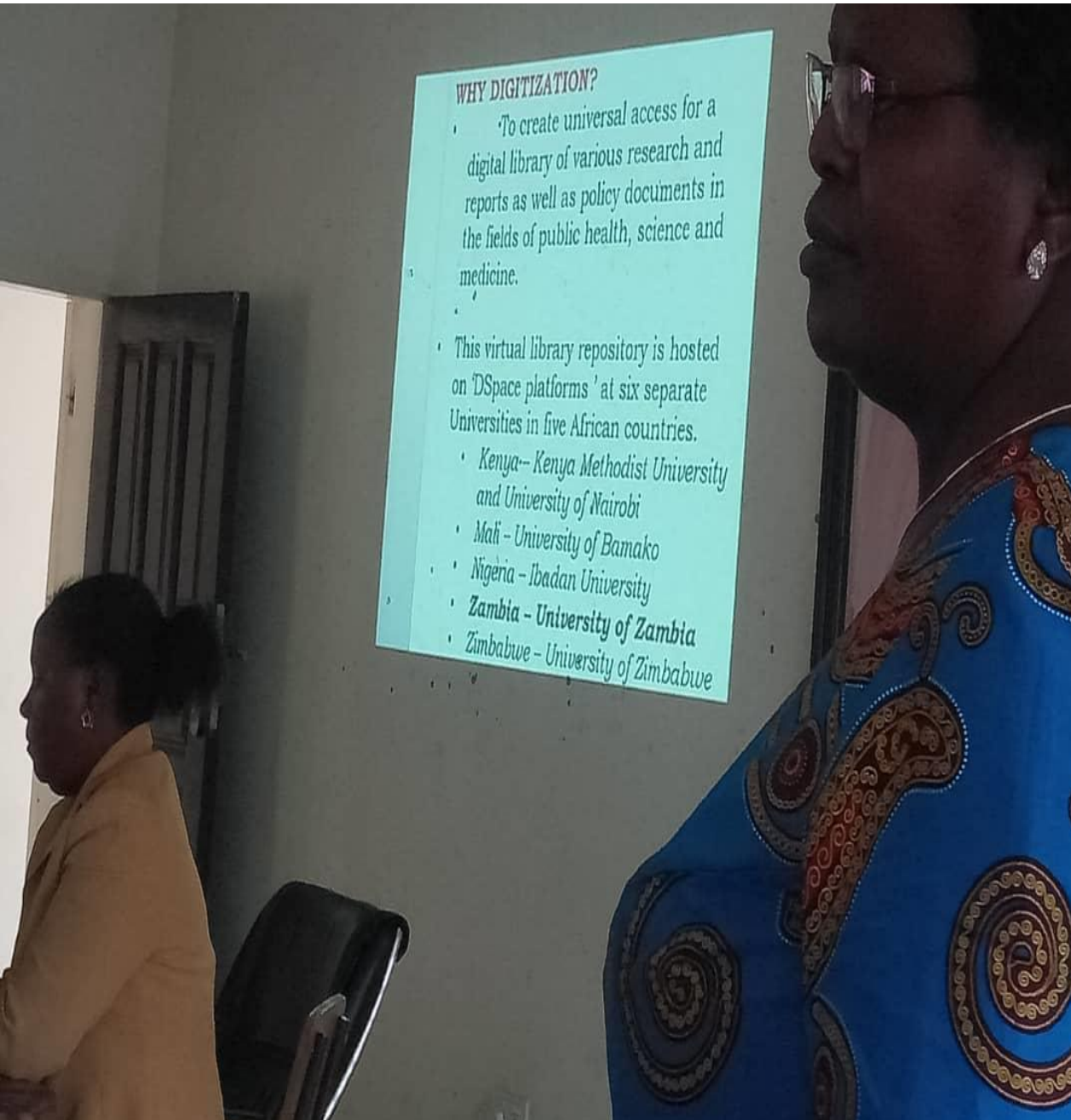
- What about the remotest institutions which are offline, no access to internet?
- This project is a very good idea because there is a lot of research being carried out on malaria in Barotseland. This kind of research needs to be shared on such platforms.
- The Librarian suggested that there was need for the Institution to purchase a scanner and a desktop to scan research materials and mail it to Medical Library for archiving in their collection.
- The VC was of the view that when the Institution was fully developed, there will be need to interlink and not harvest the collection already on the UNZA IR.
- There is need for mobile application which can be accessed offline for those with no internet in the remotest areas.
- The presenters demonstrated to Faculty, the University Librarian and students on how to access the library.

Promotional Activity No. 8 Lewanika School of Nursing, Mongu: 18th September, 2018.



Students at Lewanika school of Nursing Sciences listening to the presentation with interest and excitement at this new resource.

Promotional Activity No. 9 Senanga School of Nursing – Senanga



Outcomes of the Promotional Activity

- The promotional activities in the provinces were able to achieve some of the initial aims that were not met in the February workshop such as:
- The Librarians were taken through the existing platform highlighting the key areas that were important which included (a) content selection, (b) cataloguing and (c) copyright clearance if required.
- Furthermore, it was made clear to those that were so far visited how this platform with the ADHL Community would look like.
- Members of staff and students in 4 out of 5 institutions tried the IR
- Mulungushi Medical School and Livingstone School of Nursing sent articles and a dissertation for archiving, these are already in their collections.

Future plans

- Map our Dissertation and Theses Collection from main IR to ADHL collection
- Use more Social Media for ADHL Promotion
- Continue with the visitations to all the Provincial Nursing Schools and other Medical schools that sent their Librarians to the workshop.
- It is hoped that by the end of this 2018, all Provincial libraries in the Nursing schools would have been visited by the ADHL team.
- To do an impact assessment & evaluate the collection usage in 2019.
- OUR Policy is still in Draft; has passed through the Senate Library and Publications Committee; waiting to go to Council for approval.

Challenges

- There were there ,
- But nothing that we can't solve.

Conclusion

- Thank You
- Nason to talk about the Systems implementation

African nDigital Health Library (ADHL)

ADHL

<https://library.adhl.africa>

Central ADHL Node

Central ADHL

2018-10

African Digital Health Library (ADHL), Zambia

Mwafulilwa, Celine

African Digital Health Library (ADHL)

<http://library.adhl.africa/handle/123456789/4469>

Downloaded from African Digital Health Library (ADHL)