



# **SUCCESS STORY: UNIVERSITY OF NAIROBI DIGITAL REPOSITORY AND OPEN ACCESS POLICY IMPLEMENTATION**

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# INTRODUCTION

- University of Nairobi – one of the oldest public universities in the country whose inception goes back to 1956
- Research, Innovation and Technology enshrined in the strategic plan 2008-2018



# VISION

**A World-class University committed  
to scholarly excellence**

# FACTFILE

- Six colleges and 14 campuses
  - 586 programs
- Student population – 84,000
- Teaching staff – 2,052
  - 164 professors
  - 264 associate professors
- Administrative and technical staff – 5,525

# Research at the University

- Importance of research emphasized in the revised University Research Policy of January 2013
- Establishment of research centres and institutes to focus on research (9)
- Establishment of research libraries to complement research activities (7)
  - Focusing on documentation and dissemination of research output
- Develop and maintain institutional repository
- Support development of local journals (e-versions) and publishing both in commercial and open access platforms

# Dissemination of research output

- Article 35 of The Constitution of Kenya 2010 guarantees right of access to information by citizens
- Avenues established by the University to enhance access to information
  - Conventional
  - Open access policy
    - Digital repository
    - Publishing in OA platforms e.g. Pubmed

# Open Access Policy at UoN

- Process of developing OA policy begun in 2008/2009 through formation of committee
- Policy adopted in December 2012
- University signed Berlin Declaration on Open Access to knowledge in October 2012

*“The Open Access Policy will provide our scholars the opportunity and platform to promote their academic work”*

# Implementation of the Open Access Policy

- Strategies adopted to sensitize users on the policy and the digital repository
  - Use of media to reach alumni
  - Teaching programmes (eg communication skills)
  - Electronic resources trainings conducted by the library
  - College outreach programmes to academic staff
  - University and Library website
  - Email broadcasts
  - Brochures and posters



# Operations of the UoN Digital Repository

- Preparation for the Implementation began way back in 2008
- Installation and pilot submission on a temporary server, 2009 – 2010
  - uploaded abstracts, inaugural lectures not copyrighted
  - Not copyrighted/open access full-text
- Hosting on permanent server – 2011
- Alive on World Wide Web after approval of OA Policy – November 2012 -  
<http://erepository.uonbi.ac.ke/>

# Operations cont...

- Available at <http://erepository.uonbi.ac.ke/>
  - Has total of over 80,000 entries
  - Registered repository and policy with ROAR and OpenDOAR and ROAMAP
- Operates as a non-profit, non-commercial facility
- The Creative Commons End-user license applies to the Digital repository where copyright is owned by member of staff
- In February 2013, UoN became a Foundation member of BioMed Central and receives automatic article feeds

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Latest News | UNIVERSITY OF | UoN Web Mail | (13626 unread) - rotando02@ | OpenDOAR - Open Access C | OpenDOAR - Summaries - U | Repository Home

erepository.uonbi.ac.ke

University of Nairobi Research Archive

Login

Repository Home

## University of Nairobi Digital Repository

Welcome to the University of Nairobi Digital Repository that collects, preserves, and disseminates scholarly outputs of the University of Nairobi.

[UoN Home](#) | [Library Home](#) | [Online Catalogue](#) | [E-Books](#) | [E-Journals](#) |

### Communities in Repository

Select a community to browse its collections.

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### Recently Added

#### BROWSE

- All of Repository
- Communities & Collections
- By Issue Date
- Authors
- Titles
- Subjects

#### MY ACCOUNT

- Login
- Register

#### DISCOVER

- Author
- University of Nairobi (7331)
- Ndinya-Achola, JO (265)

Document1 - Micros... Repository Home - ... Microsoft PowerPoin...

4:49 PM 5/17/2017

University of Nairobi  
ISO 9001:2008

Certified

<http://www.uonbi.ac.ke>



# Contents Submitted in UON Digital Repository

1. Research Articles and preprints
2. Working/conference//Technical papers
3. Theses/Dissertation
4. Images/audio files/video files
5. Inaugural lectures, distinguished speeches, conferment of Honorary degrees, etc

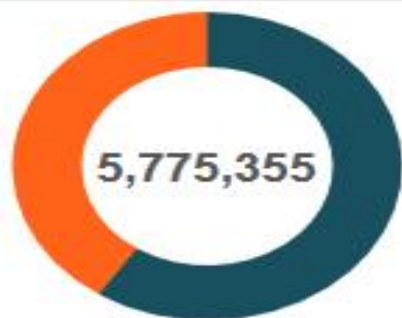
# Why UoN Digital Repository?

- Proactive response to OA Movement
- Visibility of our research output/webometric ranking
- Improve access to our local publications
- Showcase intellectual output for institutional prestige
- Share resources
- Enhance research by reducing duplication
- Attract Research funding



# Statistics of usage

## 📊 All Time Usage



■ Downloads  
■ Page Views

## 📊 Top countries by item views of the past 6 months



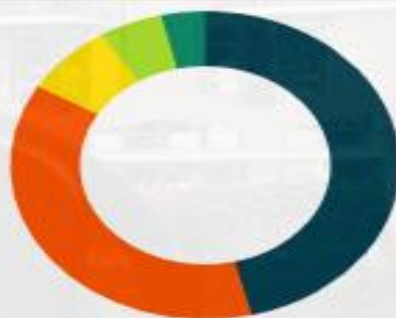
## 📊 Past 6 months: page views

Community	👁
<a href="#">Theses and Dissertations</a>	865.7k
<a href="#">Journal Articles</a>	407.7k
<a href="#">Archives</a>	129.5k
<a href="#">Conference/ Workshop/ Seminar/ Proceedings</a>	121.9k
<a href="#">Research Papers</a>	41.9k

## 📊 Past 6 months: downloads

Community	📄
<a href="#">Theses and Dissertations</a>	1.3m
<a href="#">Journal Articles</a>	181.2k
<a href="#">Archives</a>	62.9k
<a href="#">Conference/ Workshop/ Seminar/ Proceedings</a>	33.3k
<a href="#">Research Papers</a>	29.6k

## 📊 Top countries by downloads of the past 6 months



# Statistics contd

## Top items of the past 6 months based on page views

Item	
<a href="#">Challenges facing teachers in implementing guidance and counseling programme in public secondary shools</a>	4.1k
<a href="#">Factors affecting student performance in mathematics: a case of secondary school students in Uasin Gishu District, Kenya</a>	3.4k
<a href="#">A survey of student strikes in selected secondary schools in Nairobi province</a>	2.1k
<a href="#">Problems facing teacher education in Kenya: a case study of teaching practice in the University of Nairobi</a>	1.8k
<a href="#">The Use of satirical techniques in Ferdinand Oyono's novels: 'House boy' and 'The old man an the medal'</a>	1.8k
<a href="#">Show more</a>	

## Top items of the past 6 months based on downloads

Item	
<a href="#">Procurement category management among fast Moving consumer goods companies in Kenya</a>	17.3k
<a href="#">Uhakiki wa kimaudhui na kifani Wa kidagaa kimemwozea</a>	14.9k
<a href="#">Impacts of social media among the youth on behavior change: a case study of University students in selected universities in Nairobi, Kenya</a>	9.6k
<a href="#">Effectiveness of communication approaches used in disseminating integrated soil fertility management (ISFM) practices in Muvau and Kathonzweni wards, Makueni county</a>	8.6k
<a href="#">Influence of drug abuse on students academic performance in public universities. A case of Uasin Gishu county in Kenya</a>	7.3k

# Enhancing UoN Digital Repository

- Capacity building and advocacy
- Submission of theses and dissertations on soft copy
- Project to source all UoN historical documents
- Harvesting local content in other site – while protecting copyright (check sherpa Romeo site)
- Maintaining integrity to enhance quality
  - plagiarism software subscribed
- Digitization of backlogs - outsourced
- Upgrading software and use other s/w tools to enhance visibility of repository e.g bawker syndentic, ORCID, Google Scholar (Exploring altmetrics)
- Established digital Content Unit (Digital repository, E-resources and ICT unit in the library – 6 permanent & 7 on contract)
- Develop subject repositories eg Health Information repository



# Implementation successes

- Growth in numbers of items deposited
- High levels of usage noted from the statistics (5.7 million in the last six months)
- Contributed to the excellent performance of the University in Webometrics Ranking
- Contributed to visibility of researchers (many enquiries have been received for funding)

# Challenges

- Empowerment/sensitization of users so as to fully utilize the resources in the repository
- Awareness of policies
  - Plagiarism, Open access, IP
- Mindset of researchers and distrust/lack of understanding
- Faculty not providing content on a continuous basis to populate the repository
- Lack of understanding of copyright and publisher's policies
- Streamlining systems for comprehensive monitoring quality of research outputs
- Sensitization of authors, researchers, postgraduate students and academic staff at College level

# Way Forward & Lessons Learnt

- Sensitize policy makers, and researchers to support the concept.
- University management commitment to support OA Initiatives
- More training/capacity building
- Priority – consider IR initiative as core activity/target for budget allocation
- Development of OA policy, plagiarism policy and Successfully Implement the policy

The logo of the University of Nairobi is located in the top left corner of the slide. It consists of a vertical yellow bar with a textured pattern, overlaid with several overlapping, semi-transparent circles in shades of yellow and orange.

**UNIVERSITY OF NAIROBI**

The Success Story of

**OPEN ACCESS INITIATIVES**

**African nDigital Health Library (ADHL)**

**ADHL**

**<https://library.adhl.africa>**

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Central ADHL Node

Central ADHL

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2018-10

# Institutional Repository (IR)

## Implementation at the University of Nairobi

Otando, Rosemary

African Digital Health Library (ADHL); University of Nairobi

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<http://library.adhl.africa/handle/123456789/4467>

*Downloaded from African Digital Health Library (ADHL)*