



2024 ANNUAL REPORT

KEPHSA RESEARCH HUB



DATE :
13 Nov 2024

Table Of Content

03 About The Hub

04 Meat Our Team

05 One Year Review

06 KePhSARH-Quest 1.0

KePhSARH-Quest 1.0
Teams

Collaborations

Collaboration

Conclusion

11

Contact Us



About the HUB

The Pharmacy Students Association of Kenya Research Hub (KePhSARH) is the arm of KePhSA whose mandate is to advance the pharmacy profession by providing access to research mentorship and inter-university collaboration.

It was founded in 2023 by the then Vice-President in collaboration with a team of enthusiastic B.Pharm students from different universities in Kenya.



Vision

Empower and inspire the next students' generation of Pharmacy by establishing a dynamic research hub

Mission

Provide Pharmacy students with a platform to explore, experiment and excel, ultimately shaping the future of healthcare through their research contributions

Meet Our Team

Presenting our energetic team of nine who have contributed to the executive committee during the 2023/2024 year.

Moreover, they are visionary founders of the Hub together with Vice president KePhSA 22/23.



Dr Ermias Terefe
Hub Patron



Linus Moreka
Chairperson



Brian Omondi
Vice-Chairperson



Joy Matere
Secretary



Allen Gakii
Treasurer



Kipruto Rotich
Project Lead



Selina Atarah
media officer



Hope Lonah
KePhSA Liason



Diana Millenuim
Founder

One Year Review

Our year can be split into two segments based on our **key milestones**. The first milestone involved **comprehensive research training** in various areas pertinent to the field. The second, equally significant milestone, was the **KePhSARH-Quest 1.0**, which centered around a competition for writing a research proposal.

• Research Trainings

We were fortunate to have very knowledgeable speakers who sharpened our research skills. Below is a table in appreciation for their commitment.

Date	Topic	Speaker
16 th Nov 2023	Introduction to research and developing a feasible research	Dr. Palmer Imbenzi
16 th Mar 2024	Literature review, citations and referencing	Dr. David Olpengs
23 rd Mar 2024	Clinical Research studies	Dr. Emish Ondiek
4 th Jun 2024	Literature review	Professor Naumih Noah
6 th Jun 2023	Clinical Research studies	Dr. Gabriel Kilonzo
11 th Jun 2024	Sampling methods	Dr. Samuel Mungai
18 th Jun 2024	Ethical considerations in research	Prof. Juliana Namada
2 nd July 2024	Data Analysis	Dr. Obat Rhoda
18 th July 2024	Data presentation and dissemination of result findings	Professor Ermias Terefe

KePhSARH-Quest 1.0



The KePhSARH-Quest 1.0 was a pioneering event that united pharmacy students and recent graduates from across Kenya. Its goal was to promote collaboration, celebrate diversity in the pharmacy profession, and enhance research skills through various challenges.

The competition consisted of two phases:

Phase 1: Online Test: Participants completed an online quiz assessing their basic research knowledge across relevant topics.

Phase 2: Proposal Writing: Top performers from the online test formed teams of four to write a research proposal, showcasing their skills and understanding of the pharmacy field.

Winners had the unique opportunity to present their proposals at the World Pharmacy Day 2024 celebration at Kenyatta University, gaining valuable exposure.

Overall, KephsarQuest 1.0 was a tremendous success, highlighting the enthusiasm and talent of Kenya's pharmacy students and graduates while fostering collaboration and innovation in pharmacy research.

KePhSARH-Quest 1.0 Teams

Three teams reached the final round, each presenting remarkable research questions:

- **Group A: Investigating the Effectiveness of a Plant-Based Diet in Reducing Hypertension**
- **Group B: Analyzing the Dual Burden of Child Malnutrition in Kenya: A Systematic Review and Meta-Analysis**
- **Group C: Personalizing Medication to Enhance Treatment Outcomes for Multidrug-Resistant Tuberculosis Patients in Kenyan Medical Facilities**

Group C emerged as the winner, followed by Group B and then Group A. All teams delivered outstanding presentations. They are currently in the ethical review stage and aim to complete their research within the next year.

We encourage individuals or organizations interested in partnering with the teams for mentorship, review, or funding to reach out to the Hub using the contact details provided on the last page of our report.

The background image shows a presentation slide with the title "KEPhSARH-QUEST" in large red letters, followed by "Round two teams" in white. Below the slide, there are three sections for "Team A", "Team B", and "Team C", each listing four team members with their names and institutions.

KEPhSARH-QUEST
Round two teams

Team A
Glarious Koech Kiplagat (KU)
Davene Njiiri (Kabarak)-5
Sarah Onyango (USIU)-3
Charles Onyango (KEMU)-3

Team B
Samuel Inshutiyimana (USIU)
Bian Makau (Kabarak)-5
Tabitha Chepkoech (KEMU)-2
Collins Kiptoo (JKUAT)-1

Team C
Morgan Kwalya (USIU)-2
Sunday Rolex (JKUAT)-4
Mwita Ian (KEMU)-2
Pride Nyando (USIU)-4

All the best in the next round

Collaborations

»» Second Joint Journal Exchange

Earlier this year, we pioneered a partnership with the medical research clubs of Egerton, Kenya Methodist, and Mount Kenya Universities for the Annual Joint Journal Exchange that took place at Egerton University in Nakuru. Our Pharmacy Students Association Research Hub sent some leaders to represent us on the Executive Planning Board. Allen Gakii, our Treasurer, was the programs manager, while Brian Omondi, our Vice Chairperson, handled the publicity.

The conference theme, "The Role of Quality Research in Policy Making and Advocacy," brought together pharmacists and medics (students and professionals), strengthening interprofessional collaboration in research.



2ND ANNUAL
JOINT
RESEARCH
SYMPOSIUM

THEME

The Role of Quality Research on Policy Making and Advocacy

DATE
FEBRUARY 24TH-25TH

LOCATION
EGERTON UNIVERSITY

CONTACT
researchexchange2024@gmail.com
+254720980206 - Isaac

   

Collaborations



Usawa Health Foundation

It is a dynamic collective of young activists, healthcare professionals, educators, and advocates who envision a world where empowered and knowledgeable youth leaders drive transformative change, ensuring that every young person has access to comprehensive sexual and reproductive health and rights, fostering healthier, more equitable, and inclusive communities.

The mission is achieved via various subcommittees.

Following signing an MOU with KePhSA last year, Linus Moreka, KePhSARH Chairperson serves on the Research sub-committee. Their work is to generate evidence to inform advocacy. [Check their website page \(link embedded\)](#) for publishing SRHR articles and Abstracts.

On 8th Nov 2024, they held a virtual research workshop to raise awareness of SRHR laws, policies, and gaps/opportunities.

KePhSARH was proud to have Linus as one of the guest Speakers.



Conclusion

KEPhSA Research Hub has had a productive year (2023 -2024) with various activities to promote evidence-based practice by having early exposure to research.

We eagerly anticipate another successful year, with further advancements, opportunities for our members, and increased collaborations to drive the hub forward.

For partnership inquiries, Kindly reach out through the channels listed on the last page.

The results suggested that some types of exposure of students to research during undergraduate education may be associated with more positive attitudes and greater confidence in undertaking practice research. This finding is aligned with those from previous studies conducted with chiropractic^{26,27} and medical²⁵ undergraduates who possessed previous research experience. However, most participants in this study, either with or without research experience, indicated that they recognised the important role pharmacy practice research played in the profession which is consistent with findings among medical²⁵ and nursing^{28,29} students as well as community pharmacists. For example, pharmacists who had previous research experience were more likely to be motivated and interested in participating in all aspects of research, found the research experience rewarding and were more willing to do it again compared to those who had no previous research experience.⁵ Moreover, most pharmacists, either with or without previous research experience indicated that they recognised the value and importance of research towards advancing the profession.^{5,6,30,31}

Contact Us



+254113236537



kephsa.research.hub@gmail.com



Nairobi, Kenya

