



Muska Nayab

Public Health Practitioner

• Profile

Addressing the root causes of poor health, preventing disease before it occurs, using data-driven decision making, working with a diverse group of people, and learning about new issues that affect public health. Collaborating with other agencies to develop and implement programs that address social determinants of health, evaluate the effectiveness of health care programs, serve as a resource to health care providers on public health issues, conduct research on public health topics, coordinate the provision of healthcare services in the community, prepare reports on public health activities, and develop educational programs to help individuals adopt healthy behaviors and lifestyles.

🏢 Employment History

Observership in T.B laboratory at Hg Teaching hospital, Kohat, Kohat

August 2016 – September 2016

Worked as part of the team in TB, Laboratory

Biology Teacher at Air Foundation School System , Kohat

September 2016 – November 2016

Mentoring students, educating them, and giving them real-world experience.

Utilized a variety of teaching strategies, such as interactive lectures, group projects, and activities to engage students on the basis of their curiosities

Research and Development Coordinator at Pak One Health Alliance, Islamabad

June 2021 – Present

Working with Pak One Health Alliance as Research & Development Coordinator for its One Health-EBS Project. Conducting/managing/Facilitating Workshops, performing literature review and identified key research gaps in the field, leading to the development of successful research project

🎓 Education

Master of Science in Public Health(MSPH) , Health Services Academy, Islamabad

March 2022 – Present

Master of Science in Health Informatics (MSHI), COMSATS Institute of Information Technology, Islamabad

February 2018 – March 2020

Bachelor of Science (BS Hons) in Microbiology, Kohat University of Science and Technology (KUST), John

October 2013 – August 2017

Higher Secondary School Certificate Examination, Iqra Scool and College Kohat, Kohat

July 2011 – July 2012

Secondary School Certificate Examination, Iqra Public School Kohat, Kohat

June 2009 – June 2010

★ Work Experience

- Object oriented modeling,
- WHONET software for analysis,
- STATA,
- Arc GIS,
- RNA/DNA/plasmid Extraction,
- cDNA Synthesis, Isolation,
- Culturing and Identification of Microorganisms,
- Antibiotic susceptibility assays,
- Gel electrophoresis
- Involve in dissemination and communication activities of research projects
- Active participation in producing publicity material for press releases, website materials, newsletter, outreach materials, and annual reports.
- Coordinating and supporting training events and workshops
- Facilitating communication, organizing meetings, and ensuring timeliness of tasks
- Undertake group administration, report writing, and minute taking.
- Participating in the promotion of the group and taking part in activities
- Supporting and developing proposal development and grant Writing.

👤 Personal Experience

- **Cancar awareness seminar**

Supporting the cause to find a cure 16th February 2017 at Kohat University of Science and Technology.

– **MALARIA, Awareness Seminar**

Participated in the Malaria, Awareness Seminar conducted by I' U.S.T, Kohat, 24 April, 2017

– **Advances in Biotechnology**

National Conference on Recent Advances in Biotechnology held at K.U.S.T, Kohat, 26-27 April 2017.

–**Summit on Civil Registration and Vital Statistics**

Pakistan International Summit on Civil Registration and Vital Statistics at Serena Hotel Islamabad 28-30 November 2018.

Assessment of Global Digital Health Index and Maturity Model Survey

Involve in the rapid assessment to represent the organization of Global Digital Health Index and Maturity Model Survey, being developed by Asia e-Health Information Network AeHIN and health enable Switzerland

★ CERTIFICATION

DHQ Teaching hospital, Kohat, Kohat

WHO, Measles outbreak training, Islamabad

April 2022

INTERNATIONAL CONFERENCE ON AIR CONTAMINATION UNDER ONE HEALTH, National Institute of Health, Pakistan

Poster presentation in International conference on ANR containment under one health In National Institute of Health, Pakistan

Proposal Writing, Islamabad

Training of Proposal writing

★ PUBLICATIONS:

- Hazrat Zaman, Nisha Zahid, Bushra Israr, **MuskaNayab**, Taj Ali Khan. Biofilm formation and Antimicrobial susceptibility pattern of E.coli isolates from UTIs patients. International Journal of Biosciences. 2019; (6): (ISSN22 -5234)
- ShehzadZareen, Hira Zareen, **HazratZaman, MuskaNayab**, Burden of *Plasmodium vivax* and *Plasmodium falciparum* in Afghan Refugee Camps located at Ghamkol Road Peshawar bypass District Kohat. Journal of Entomology and Zoology studies. 2016; 4(5): 177-183 (ISSN:2320-7078).

★ PROJECTS:

- Biofilm formation and Antimicrobial susceptibility pattern of E.coli in UTIs patients.
- Prevalence of *Ptasmodium vivax* and *Plasmodium falciparum* in Afghan Refugee Camps.
- Analysis of electronic antibiogram
- Analysis and implantation of E-Antibiogram within and EHR system at a tertiary care hospital(Islamabad)

★ References

Available on demand

Details

Kohat

Pakistan

03359706343

muskaktk4@gmail.com

Skills

One health approach of solving complex community problems

•Strong communicating and organizing skills.

Ability to Work in a Team

Active Listener

Ability to perform quality work with a fast pace and within specified time.

Team player: Enjoys learning, helps and support team members for achievements of assigned goals.

Good at data management

Hobbies

Sports,

Reading

Writing,

Travelling,

Research and Analysis