

Hoor Shumail

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Work experience

Women University Mardan
Lecturer

10 Oct, 2016

Education

PhD Microbiology

June, 2020

Institute of Biological Sciences, Sarhad University of Science and Information Technology, Peshawar

M.Phil Microbiology (Gold Medalist)

Sept, 2013 — Nov, 2015

Institute Of Basic Medical Sciences, Khyber Medical University, Peshawar

BS Microbiology

Oct, 2009 — July, 2013

Center Of Biotechnology and Microbiology, University of Peshawar

Intermediate

Sept, 2007 — July, 2009

Jinnah College For Women, University of Peshawar

Secondary Education

— June, 2007

University Model School, University of Peshawar

Distinctions and Awards

- Gold Medal in M.Phil Microbiology
- HEC Travel Grant For Oral presentation in "4th International conference & Industrial Exhibition on Dairy Science Park" at Selcuk University, Konya, Turkey.

Conferences/Trainings/Workshops/Webinars

·Webinar on '**Nano chemistry and evaluation of Nanoparticles in Human Body by Modern Techniques**' on 8th September 2021, organized by World Forum for young scientists.

·Webinar on '**Advances in regenerative medicine**' on 22nd August 2021, organized by World Forum for young scientists in association with Boston Bio life, USA.

·Online Workshop on '**COVID-19 Pandemic Impact on Health, Education and Society**' on 12th August 2021, organized by Pakistan Scientific and Technological Information Center (PASTIC).

·Online Workshop on '**Synopsis Writing**' on 2nd June 2021, organized by Pakistan Scientific and Technological Information Center (PASTIC).

- Two Days Online Conference "**18th Annual (Virtual) Conference of Medical Microbiology and Infectious Disease Society of Pakistan**" on 28-29th May, 2021.
- Online Webinar on '**COVID-19 Pandemic and role of Microbiologist**' on 26th May, 2021, organized by American Society of Microbiology focusing on '**COVID-19: Transitioning towards a New Normal**'.
- Online Webinar on '**COVID-19 Pandemic and role of Microbiologist**' on 19th May, 2021, organized by American Society of Microbiology focusing on '**Understanding COVID-19 Antibody Tests**'
- Online Webinar on '**COVID-19 Pandemic and role of Microbiologist**' on 5th May, 2021, organized by American Society of Microbiology focusing on '**SOPs + Vaccination = Solution for COVID-19 Pandemic**'
- Online Webinar on '**COVID-19 Pandemic and role of Microbiologist**' on 28th April, 2021, organized by American Society of Microbiology focusing on '**Current COVID-19 Situation: India vs. Pakistan**'.
- Online Webinar on '**COVID-19 Pandemic and role of Microbiologist**' on 21st April, 2021, organized by American Society of Microbiology focusing on '**COVID 19: Herd Immunity**'.
- Online Webinar on '**COVID-19 Pandemic and role of Microbiologist**' on 14th April, 2021, Organized by American Society of Microbiology focusing on '**COVID 19 Vaccination in Pakistan and related concerns**'.
- One day Training work on '**Global Ranking and Self-Assessment report Writing**' on 25th Feb, 2021, Organized by Quality Enhancement Cell, Women University Mardan.
- Online Certificate Course on '**Personal Protection Equipment (PPE)**' on 8th Jan, 2021 jointly organized by Government of Pakistan, Health services academy and Khyber Medical University, Peshawar.
- One Day Online Symposium on '**Statistics In Scientific Research**' on 30th Dec, 2020 organized by ORIC, Sarhad University of Science and IT, Peshawar.
- One Day Online Symposium on '**Writing a Compelling Grant to Fund Your Research**' on 27th Nov, 2020 organized by ORIC, Sarhad University of Science and IT, Peshawar.
- Two Days training workshop on '**Industrial Education system for National Competitiveness**' on 4-5th Nov, 2020, Jointly organized by Korea Polytechnic University, Konkuk University Korea, APO Pakistan and Women University Mardan.
- Two Days International Conference on "**Empowering Nation Through Sciences**" on 24-25th May, 2019, At Margala Hotel Islamabad, Organized by Women University, Mardan.
- One day training Workshop on "**Principles of Flowcytometry**" on 24th October 2018, At Khyber Medical University.
- One day training Workshop on "**Animal Use in Laboratory Science**" on 23rd October 2018, At Khyber Medical University.
- One day Synposium on "**Advancement of Chemical Sciences for the Betterment of Humanity**" on 18th Oct, 2018 at Women University, Swabi.
- One day Workshop on "**Self Assessment Report**", on 11th October, 2018, organized by Quality Enhancement Cell of Women University Mardan.
- One day Awareness Seminar on "**Technology Development Fund**" on 3rd July, 2018 Jointly Organized by Heigher Education Commission and Abdul Wali Khan University Mardan.
- Three Days Training workshop on "**SheCan**" from 7-9th May, 2018 at Women University Mardan.
- Technical Seminar and Workshop on "**Strategies to Develop Chemical And Biological Safety Cultures in Laboratories**" on 14th March, 2018 At Khyber Medical University.
- Two days training course on "**Youth Led Change Making & Social Entrepreneurship**" on 1-2nd March, 2018 at Women University Mardan.
- Two days Workshop on "**Development of Volunteer Information Sheet and Research Misconduct**" on 27th-28th Dec, 2017 at Khyber Medical University.

·One day Workshop on "**Self-Assessment Report**", on 27th November, 2017, organized by Quality Enhancement Cell of Women University Mardan.

·"**Fourth International Conference and Industrial Exhibition on Dairy Science parks**", At Selcuk University in Konya, Turkey From 1st to 5th November, 2017.

·Seminar on "**Technology Development Fund**" on 24th Oct, 2017, Organized by HEC at University of Engineering and Technology, Peshawar.

·"**8th International Annual Health Conference**" on 25-26th April, 2017 at Khyber Medical University, Peshawar.

·Work Shop on "**Tissue/Cell cultures of Cancer Samples and its Clinical Applications**" on 24th April, 2017 at Khyber Medical University, Peshawar.

·Work Shop on "**Research Paper Writing & Endnote**" on 2nd March, 2017 At Abdul Wali Khan University, Mardan.

·"**Cancer Awareness**" Seminar on 16th Feb, 2017 at Abdul Wali Khan University, Mardan.

·Five days training course on '**Bio risk Management**' from 15th Feb, 2016 to 19th Feb, 2016 At Khyber Medical University, Organized by Relief International.

·Workshop on '**Biostatistics & Hands on training on SPSS**' on 30th January, 2016 at Khyber Medical University, Peshawar.

·Workshop on '**Clinical Microbiology and Quality Assurance in Antimicrobial Testing**' on 20th of May 2015 in Rehman Medical Institute.

·Workshop on '**Recent Advances and New Horizons in Chemistry**' on 6th-7th April 2015, Organized by HEC at National Centre of Excellence in Physical Chemistry, University of Peshawar.

·Work shop on '**PCR and its applications**' on 25th of September 2014, Organized by Dr.Tahir at Khyber Medical University, Peshawar

Conference Presentations

Poster Presentation:

"BIORISK ASSESSMENT OF CLINICAL MICROBIOLOGY LABORATORIES OF TERTIARY CARE HOSPITALS OF MARDAN CITY", at 3rd International Conference, 24-25th April, 2019 at Margala Hotel, Islamabad.

Oral Presentation:

"CLINICAL & RESEARCH LABORATORIES IN PESHAWAR CITY OF KP PROVINCE: ANALYSIS OF BIOSECURITY MEASURES PREDICT INSECURITY", at 4th International Conference and Industrial exhibition on Dairy Science Park, 1st- 5th November, 2017 at Selcuk University, Konya, Turkey.

Professional Membership

American Society For Microbiology

Research Interests

- Antibiotic Resistance
- Nanoparticles Synthesis
- Novel Antimicrobial Agents
- Bioremediation
- Biodegradation

MPhil Thesis

Synthesis and Characterization of Silver Nanoparticles and assessing their activity against Resistant Bacteria

Organizational Skills

- Organized "Annual Science Exhibition and Poster Competition" On 12th March, 2020 at Department of Microbiology, Women University Mardan.
- Worked as "Lead Organizer" for facilitating Women Employability Summit 2019 Organized by Women University Mardan in Collaboration with Center for Awareness Training & Development on 20th and 21st February, 2019.
- Organized "Science Exhibition and Poster Competition" On 21st March, 2018 At Women University Mardan.

References

Dr. Tayyab Rehman

Assistant Professor, Institute of Basic Medical Sciences, Khyber Medical University, Peshawar, Pakistan
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Dr. Jawad Ahmad

Professor Microbiology, Pro-VC, Khyber Medical University, Peshawar, Pakistan
Phone Number: 091-9217838