



OWSD Pakistan National Chapter

Activities



- Established in April 18, 2019
 - First executive member meeting held on Tuesday, May 21, 2019.
 - Second executive member meeting held on
 - The national chapter initiated a lecture series on “*Science and Technology for Sustainable Development in Pakistan*” in collaboration with KIBGE and Pakistan Academy of Sciences (PAS)
1. **Dr. Huma Baqai** (Associate Dean & Associate Professor, Social Science & Liberal Arts, Institute of Business Administration, Karachi, Pakistan) on “*Gender Sensitive Sciences and Technology: A Way Forward*”, Thursday, December 12, 2019 at KIBGE, University of Karachi
 2. **Prof. Dr. Talat Shahnaz Rahman** (UCF Pegasus Professor, Department of Physics, University of Central Florida) on “*Challenges for Young Women Embarking on A Career in Science*”, Tuesday, December 17, 2019 at KIBGE, University of Karachi

3. **Prof. Dr. Khalida Soomro** (Interventional Cardiologist, Karachi, Pakistan) on “*Awareness of Heart Diseases in Women*”, Friday, February 07, 2020 at KIBGE, University of Karachi
 4. **Prof. Dr. Nabeela Soomro** (Director, Institute of Physical Medicine and Rehabilitation, Dow University of Health Sciences, Karachi, Pakistan) on “*Diet, Excercise and Rehabilitation As A Preventive Measure of Heart Disease*”, Friday, February 07, 2020 at KIBGE, University of Karachi
- Celebrated national “**Wear Red**” day to show support for the awareness of heart diseases. Wednesday, February 26, 2020.
 - Celebrated **International Women’s Day**” on March 07, 2020
 - OWSD Pakistan NC Prof. Dr. Bina S. Siddique (President) and team attended **Global Women Breakfast IUPAC 2020** (International Union of Pure and Applied Chemistry) at Golden Jubilee Hall ICCBS. The theme was “*Bonding to create future leaders*” with a focus on leadership development.

- **Dr. Saima Saleem** (Associate Professor, KIBGE/ Secretary OWSD Pakistan NC) gave lecture on “*Precautionary Measures of COVID-19*” in native language for general public, Monday, March 16, 2020.
- **E-poster presentation competition**, international webinar on the subject “*Post Pandemic Higher Education Research Reshaping Strategies & Policies*” was organized by **Prof. Dr. Bushra Mirza** (Vice Chancellor, LCWU) and team at Lahore University for Women (LCWU) in collaboration with OWSD Pakistan NC. Tuesday, June 16, 2020.
- On **Eid ul Adha**, Dr. Saima Saleem and **Pakistan Biological Safety Association** (PBSA) developed behavioral cues for prevention of *Crimean Congo Hemorrhagic Fever (CCHF)* caused due to animal-human interaction.

- **M.Phil. Degree** were awarded to 05 whereas **PhD Degree** were awarded to four candidates in year 2020. All the candidates were working individually however they are also member of OWSD.
- **Ms. Maryam Amjad** and **Ms. Syeda Areesha Zaidi** (PhD Fellows/OWSD Members) attended following workshop and courses:
 1. *“3-day Online Workshop on Manuscript Writing for Researchers”*, organized by KIBGE, University of Karachi, June 9-11, 2020.
 2. *“Let's Break the Chain of COVID-19 Infection”* organized by MRBU Community Immunity Ambassador Program organized by Mohammed Bin Rasheed University of Medicine and Health Sciences UAE, June 10, 2020
- **Ms. Farhat ul Ain Siddique** completed *“COVID19: Operational Planning Guidelines Training”*. Organized by World Health Organization (WHO), April 11, 2020

- **Ms. Sanober Kafeel** (M.Phil. Student/OWSD Member) won **Gold Medal** at 24th Annual conference on “*Current Trends in Ophthalmology*” organized by Ophthalmological Society of Pakistan (OSP), Hyderabad, November 8-10, 2019.
- **Ms. Amber Khan** (PhD Fellow/OWSD Member) attended following conferences and online training sessions.
 1. Five-week Online course on “*Research writing in the Sciences*” offered by International Network for Advancing Science and Policy (INASP), **Funded by Author-AID**, July 06- August 17, 2020
 2. Online course on “*Let's Break the Chain of COVID-19 Infection*” organized by MRBU Community Immunity Ambassador Program organized by Mohammed Bin Rasheed University of Medicine and Health Sciences, UAE, June 10, 2020
 3. Second PROBE Conference 2020 on “*Molecules to Mechanisms*” organized by Department of Physiology, University of Karachi, January 07-09, 2020
 4. 49th Annual CardioCon 2019 on “*Catching Up with Recent Advancement in Cardiology in Developing Countries*”, organized by Armed Force Institute of Cardiology (AFIC) and National Institute of Heart Diseases (NIHD), Serena Hotel, Islamabad, November 22-24, 2019

- **Ms. Ume Kulsoom** (PhD Fellow/OWSD Member) attended following workshops, online courses, conferences and online training session in 2020
1. Transcatheter Interventions Virtual program offered by The European Board for Accreditation in Cardiology (EBAC)-12CME, June-10-12, 2020
 2. Beyond Genes: Epigenetics, Environment, and Health by Jackson Laboratory, United States on June 16, 2020
 3. Global Biosecurity for One Health by Murdoch University (future-learn), Australia, June 27, 2020
 4. Controlling Covid-19 fear and outrage by Pakistan Biological Safety Association April 16, 2020
 5. Personal Protective Equipment (PPE) training offered by Government of Pakistan
 6. PBSA-HSP Cohort 2- Biorisk Management Webinar series_COVID-19 Testing
 7. Cardiovascular Complications of COVID-19 by Harvard Medical School, July 28, 2020
 8. 49th Annual CardioCon 2019 on “*Catching Up with Recent Advancement in Cardiology in Developing Countries*”, organized by Armed Force Institute of Cardiology (AFIC) and National Institute of Heart Diseases (NIHD), Serena Hotel, Islamabad, November 22-24, 2019 (**Funding Awarded**)

➤ **Ms. Madiha Kanwal** (PhD Fellow/OWSD Member) attended following courses, workshops and training

1. Three months (Sep-Nov) program *PBSA-HSP Bio-Risk Management Webinar Series for COVID Testing*, organized by Pakistan Biological Safety Association (PBSA) and Health Security Partners (HSP).
2. *One Health 52 Weeks program* organized by American Society of Microbiology.
3. Certificate for successfully completing 32 hours of training on “*Advanced Biological Risk Mitigation Program*” of the One Health Initiative Training Program in July 2019 by American Society for Microbiology and Safer Behaviors 52-Weeks of Biosafety in Islamabad, Pakistan.

➤ **Dr. Zubia Rashid** started serving as Assistant Professor in Department of Biomedical Engineering, Ziauddin University, Karachi.

➤ **Dr. Alveena Zehra** started serving as Research Specialist at Agha Khan University Hospital, Karachi

➤ **Dr. Faria Fatima** started serving as Adjunct Faculty, Department of Bioscience at Shaheed Zulfiqar Ali Institute of Science and Technology (SZABIST)



Glimpses of Activities

Second Lecture

Prof. Dr. Talat Shahnaz Rahman





OWSD-PAKISTAN NATIONAL CHAPTER
Lectures Series on
"Science and Technology for Sustainable Development in Pakistan"

Title of Presentation: **Gender Sensitive Sciences and Technology: A Way Forward**

Resource Person: **Dr. Huma Baqai**
 Associate Dean and Associate Professor,
 Social Sciences and Liberal Arts
 Institute of Business Administration (IBA)
 Karachi, Pakistan

Date and Time: Thursday, December 12, 2019 at 0900
 Web Link: <http://humbaqai.com/>

Organized By
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
 University of Karachi
 Pakistan Academy of Sciences (PAS)



First Lecture

Dr. Huma Baqai





OWSD-PAKISTAN NATIONAL CHAPTER
Lectures Series on
"Science and Technology for Sustainable Development in Pakistan"

Title of Presentation: **Challenges for Young Women Embarking on a Career in Science**

Resource Person: **Prof. Dr. Talat Shahnaz Rahman**
 UCF Pegasus Professor,
 Department of Physics
 University of Central Florida


Date and Time: Tuesday, December 17, 2019 at 0930

Organized By
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
 University of Karachi
 Pakistan Academy of Sciences (PAS)



Lectures by *Prof. Dr. Khalida Soomro & Prof. Dr. Nabeela Soomro*





OWSD-PAKISTAN NATIONAL CHAPTER

Lecture Series on
“Science and Technology for Sustainable Development in Pakistan”

Title of Presentation: **Awareness of Heart Disease in Women**
Resource Person: **Prof. Dr. Khalida Soomro**
Interventional Cardiologist
Karachi

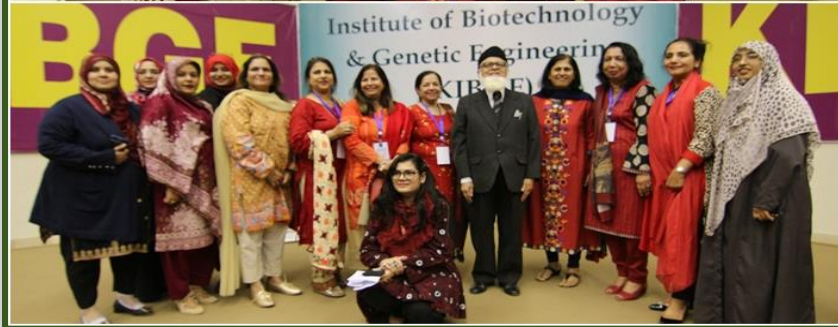
Title of Presentation: **Diet, Exercise and Rehabilitation as a Preventive Measure of Heart Disease**
Resource Person: **Prof. Dr. Nabeela Soomro**
Director, Institute of Physical Medicine and Rehabilitation
Dow University of Health Sciences (DUHS) Karachi

Date and Time: **Friday, February 07, 2020 0930**

Organized By
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi
Pakistan Academy of Sciences (PAS)



Global Women Breakfast IUPAC 2020



National "Wear Red" Day Celebration



E-poster presentation competition at LCWU



INTERNATIONAL WEBINAR

Post Pandemic Higher Education Research Reshaping Strategies & Policies

Our Guest Speakers

 Prof. Dr. Bushra Mirza Vice Chancellor LCWU Pakistan	 Prof. Dr. Najla Bouden Co-Chair UNISDR Ministry of HE&SR Tunisia	 Prof. Dr. Munir Ozturk Professor Emeritus Ege University, Izmir Turkey
 Prof. Dr. Khalid Iqbal NYS Institute PEP Foundation, Inc USA	 Prof. Dr. Marius Alexandru Dean, Faculty of Medicine Transylvania University Romania	 Dr. Syed Sikander Azam Director, Centre for Bioinformatics Quaid-i-Azam University Pakistan

E Poster Competition
 CASH PRIZES AND CERTIFICATES FOR WINNERS
 Nominations to be sent at director.research@lcwu.edu.pk
 By 13 June 2020


 16 June 2020


 10 AM TO 02 PM


Prof. Dr. Farah Khan
 Director Research
 LCWU
 Pakistan

Organized by Directorate of Research and Post Graduate studies, Lahore College for Women University

<h3 style="text-align: center;">Cut Safely!</h3> <p>CCHF can enter your body if you sacrifice animals with bare hands.</p>  <p>Wear rubber or cut resistant gloves while sacrificing, to protect yourselves from infection.</p>	<h3 style="text-align: center;">Tick Tock CCHF</h3> <p>Doctors need your help in determining what has caused your illness.</p>  <p>Tell your doctor you were recently bitten by a tick from a cattle market.</p>
<h3 style="text-align: center;">WASH OFF CCHF and COVID!</h3> <p>Pathogens can make you sick through touching your eyes, nose and mouth with contaminated hands.</p>  <p>Wash your hands with soap and water for at least 20 seconds.</p>	<h3 style="text-align: center;">Cover the Wound!</h3> <p>Germ can enter your body through skin cuts or wounds.</p>  <p>Bandage cuts and wounds to prevent the entry of germs.</p>
<h3 style="text-align: center;">Hands, Eyes & Mouth</h3> <p>These viruses can enter your body by touching your eyes, nose and mouth with contaminated hands.</p>  <p>Wear gloves and a face mask while going to cattle markets and handling animals.</p>	<h3 style="text-align: center;">Stay Connected!</h3> <p>We need connection with those we love during pandemic situations.</p>  <p>Call your loved ones every day and schedule virtual dinners.</p>

Behavioral cues for CCHF and COVID19 established by *Dr. Saima Saleem and PBSA*

Ms. Ume Kulsoom & Ms. Amber
Khan (PhD Fellow/OWSD Member)
at *49th Annual CardioCon 2019*
Funding Award



Ms. Madiha Kanwal
(PhD Fellow/OWSD Member)
PSBMB Conference

Future Plans

- Next lectures of lecture series will be delivered by **Dr. Munira Burhany** (Hematologist at National Institute of Blood Diseases) on “*Hemophilia Care to Career Counseling*” and **Mr. Raheel Ahmed Khan** (Vice President, Hemophilia Welfare Society, Karachi Chapter) on “*Hemophilia Facts and Figures*”
- Online seminar will be conducted on the *Awareness of Leprosy* in collaboration with **Marie Adelaide Leprosy Centre (MALC)**, Karachi
- Youtube channel was created on October 20, 2020. Interview Series of women specialized in different field of science, currently serving in Pakistan will be taken and uploaded
- Awareness video on Breast cancer is under process
- Broucher of OWSD Pakistan NC is under process
- Online seminar and poster presentation competition is planned in November

Difficulties Faced by NC



- It is difficult to contact members who are inactive and have changed or dormant registered email address
- As a new national chapter, the fundings are minimum
- It was difficult to approach people or organize fund raising activities during Covid19 lockdown

Membership No. At Present



**Total
Members
237**

**Active
Members
189**

**Inactive
Members 48**

**Full
Members
212**

**Affiliate
Members 16**

**Friend of
OWSD
09**

Collaborations



- ✓ Pakistan Academy of Science (PAS)
- ✓ Pakistan Biological Safety Association (PBSA)
- ✓ Lahore University of Women (LCWU)
- ✓ Dow University of Health Sciences (DUHS)
- ✓ National Institute of Blood Diseases (NIBD)
- ✓ International Union of Pure and Applied Chemistry
- ✓ International Center for Chemical and Biological Sciences (ICCBS)
- ✓ National Center for Proteomics (NCP)
- ✓ Hemophilia Welfare Society, Karachi Chapter
- ✓ Institute of Business Administration (IBA), Karachi.
- ✓ Marie Adelaide Leprosy Centre (MALC), Karachi

Suggestions



- ✓ Remote Trainings from International OWSD Chapters
- ✓ Online training programs for the development of science
- ✓ E-Poster Competition all over the Pakistan in every province
- ✓ Digital Conference for remote lectures on Science and development with respect to COVID-19