



OVERALL REPORT

On SDG-17 Participation for Goals

LUMHS Participation in Consultative Workshop on Disaster Preparedness and Climate Change

Event Title: Consultative Workshop – “*Bridging the Collaboration Gap between Academia and PDMA/DDMA Sindh through Curriculum Development and Advancing Research on Disaster Preparedness, DRR/Climate Change Education*”

Date: 21st October 2024

Organized by: Foundation for Rural Development Program (FRDP) Pakistan in collaboration with DevRes, CESVI, Welt Hunger Hilfe, and the European Union under the project *Building Institutional Capacity and Resilience Against Natural Disasters (BRAND)*.

Report:

Liaquat University of Medical and Health Sciences (LUMHS), Jamshoro, actively participated in the consultative workshop on Disaster Preparedness and Climate Change, organized under the BRAND project. The workshop served as a collaborative platform to strengthen the partnership between academia and disaster management authorities, particularly the Provincial and District Disaster Management Authorities (PDMA/DDMA) Sindh.

The primary focus of the workshop was to explore ways to integrate Disaster Risk Reduction (DRR) and Climate Change Education into academic curricula and research initiatives. This integration aims to enhance institutional preparedness, resilience, and community awareness regarding natural disasters and climate-related challenges.

Faculty members and representatives from LUMHS contributed their expertise and insights during the consultation sessions. Their active participation highlighted the university's commitment to promoting sustainable development, public health resilience, and evidence-based disaster management strategies through education and research.

LUMHS's involvement in this consultative initiative aligns with its broader mission of contributing to the United Nations Sustainable Development Goals (SDGs), particularly **SDG 13 – Climate Action** and **SDG 11 – Sustainable Cities and Communities**, by fostering education and collaboration for a safer and more resilient future.



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Community-Based Research Collaboration between LUMHS and Sindh Mental Health Authority (SMHA)

Title of Study: *Knowledge, Attitude, and Practices (KAP) of Thari People about Mental Health*

Collaborating Organizations: Liaquat University of Medical and Health Sciences (LUMHS), Sindh Mental Health Authority (SMHA), Thar Foundation, Sir C.J. Institute, and Health Department, Government of Sindh

Principal Investigator: Dr. Abdul Razzaque Nohri

Co-Principal Investigator: Prof. Dr. Muhammad Ilyas Siddiqui (Department of Community Medicine, LUMHS)

Leadership: Dr. Karim A. Khuwaja, Chairman, SMHA

Guidance: Prof. Dr. Ikram Din Ujjan, Vice Chancellor, LUMHS

Introduction

Under the visionary leadership of the Honorable Vice Chancellor, **Prof. Dr. Ikram Din Ujjan**, Liaquat University of Medical and Health Sciences (LUMHS) collaborated with the **Sindh Mental Health Authority (SMHA)** to conduct a **community-based research study** titled “*Knowledge, Attitude, and Practices (KAP) of Thari People about Mental Health.*”

The study aimed to assess the level of awareness, cultural perceptions, and behavioral practices related to mental health among the people of **Tharparkar**, with the objective of guiding future **policy development, community awareness, and intervention programs** in the region.

Research Leadership and Team

- **Principal Investigator:** Dr. Abdul Razzaque Nohri (Researcher, Public Health Specialist & Senior Pharmacist)
- **Co-Principal Investigator:** Prof. Dr. Muhammad Ilyas Siddiqui (Department of Community Medicine, LUMHS) – provided technical and academic inputs.
- **Lead Organization:** Sindh Mental Health Authority, chaired by Dr. Karim A. Khuwaja.
- **Collaborators:** Thar Foundation, Sir C.J. Institute, and Health Department, Government of Sindh.
- **Research Team:** Included Dr. Bharat Kumar and Dr. Manisha (Consultant Psychiatrists, Civil Hospital Mithi), Mr. Fayaz Shaikh (Thar Foundation), and a group of trained data collectors who conducted extensive fieldwork in Tharparkar.

Research Dissemination Event

The **Research Report and Findings** were formally launched at a ceremony held at **PMA House, Karachi**. The event was attended by a wide range of **psychiatrists, doctors, researchers, academicians, media representatives, and members of civil society**, reflecting broad sectoral interest in the study's outcomes.

The ceremony was graced by:

- **Chief Guest:** Prof. Dr. Saeed Qureshi, Vice Chancellor, Dow University of Health Sciences (DUHS)
- **Guest of Honor:** Dr. Mahesh Kumar Malani, Member National Assembly (Tharparkar)

Other notable attendees included **Mr. Farhan Ansari** (General Manager, Thar Foundation), **Brig. Tarique** (Rescue 1122), **Dr. Aijaz** (Deputy Director General Health), **Dr. Nisar Sohoo** (Medical Superintendent, Sir C.J. Hospital), and senior officials from the **Pakistan Medical Association (PMA)**.

Significance and Impact

This collaborative research reflects LUMHS's continued commitment to:

- Advancing **public and community mental health research**.
- Promoting **awareness and destigmatization of mental health issues** in marginalized regions.
- Supporting **evidence-based policy formulation** through partnerships with government and development organizations.
- Contributing to the **United Nations Sustainable Development Goals (SDG 3 – Good Health and Well-being)** and **SDG 17 – Partnerships for the Goals**.

The findings of this KAP study are expected to serve as an important reference for designing **culturally sensitive mental health programs**, strengthening service delivery, and informing **provincial mental health strategies** in Sindh.

Conclusion

Through this collaboration with SMHA and partner institutions, **LUMHS** reaffirmed its leadership in community-oriented public health research and its commitment to improving

mental health and well-being in underserved areas of Pakistan. The initiative stands as a model for academia-policy partnerships aimed at promoting mental health awareness and resilience across communities.





LUMHS Participation and Contribution in Policy Development and Strategies for Flood Management

Event: *Flood 2022 Provincial Learning Forum: Insights, Stories, and Recommendations for Future Resilience Building.*

Liaquat University of Medical and Health Sciences (LUMHS) participated in this provincial forum as part of its ongoing commitment to contributing academic expertise and research insights to **provincial and national resilience and policy development efforts**.

Background: Every year, Pakistan faces recurring floods that lead to severe humanitarian, environmental, and economic consequences. These floods cause widespread displacement, damage to infrastructure, loss of livelihoods, and increased health risks, particularly in vulnerable rural communities. The recurring disasters highlight the urgent need for sustainable flood management and resilience-building strategies.

University representatives actively engaged in discussions addressing:

- The **health and well-being impact** of climate-induced disasters on vulnerable populations.
- The **importance of evidence-based policy formulation and community health preparedness** in flood-affected regions.
- **Integrating public health education and disaster risk management** into academic curricula.
- **Collaborative research and data-driven modelling** to forecast climate and health risks.

Through this engagement, LUMHS reinforced its institutional objective to support **adaptive management, policy innovation, and capacity building** through academic participation in national and regional forums.

Alignment with SDG Policy Development

LUMHS's participation in such collaborative initiatives demonstrates its **direct and meaningful involvement** in regional and national SDG policy processes, particularly by:

- **Identifying problems and challenges** related to climate and health resilience in post-disaster contexts.
- **Providing policy input** through dialogue with provincial and national stakeholders, including PDMA Sindh and UN agencies.
- **Supporting the development of integrated strategies** linking community health, education, and disaster preparedness.

- **Facilitating adaptive management** by promoting evidence-based decision-making and health-oriented resilience planning.

Conclusion

LUMHS's participation in the *Flood 2022 Provincial Learning Forum* exemplifies the university's **proactive engagement in SDG-related policy dialogue and development**, strengthening intersectoral collaboration and contributing to Pakistan's **national resilience and sustainability agenda**.





کراچی میٹا ریسرچ نیدرلینڈ اور پی ڈی ایم اے کے سیمینار میں شرکاء پینل ڈسکشن کرتے ہوئے

Establishment of LUMHS Public School for Underprivileged Community

Objective/ Overview:

Background

In Sindh province, where the literacy rate remains the lowest in Pakistan, Liaquat University of Medical and Health Sciences (LUMHS), located in a rural and underprivileged region, has taken a significant step to address this challenge through an educational empowerment initiative. Recognizing the need to promote education as a means to break the cycle of poverty, the university leadership launched a public school within the LUMHS campus dedicated to

providing **free quality education** to children from marginalized communities. The school offers free education to the children of domestic staff and local underprivileged families and also distributes free books and study materials at the beginning of each academic year to ensure that financial constraints do not hinder learning. This initiative is a collaborative effort of LUMHS students (as SDG Volunteers), faculty members, and the university administration. The students play an active role in the project, not only by motivating street children and other underprivileged groups to enroll in the school but also by volunteering as teaching assistants. Each week, different groups of students conduct classes, contributing their time, knowledge, and compassion to uplift the educational standards of the community and promote the values of equality, inclusion, and lifelong learning.

Services offered by LUMHS

- Purpose-built school building
- Well-equipped classrooms
- Library and resource center
- Playground and sports facilities
- Free study packs

Programs and Services:

- Free education to underprivileged students
- Health services (medical check-ups, vaccinations)
- Extracurricular activities

Faculty and Staff:

1. Qualified teachers
2. Trained staff (administrative, support)

Outcomes:

1. Improved academic performance
2. Increased enrollment of children to school
3. Empowered students and families



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Additionally, LUMHS shares sports complex and University Library with students of LUMHS Public School







BIOMED5.0 Project (International Partnership in Biomedical Engineering Education)

LUMHS is running BIOMED 5.0, which aims to establish international partnerships between Pakistani, Irish, and Romanian higher education institutions to modernize biomedical engineering education.

MoU with Hemophilia Welfare Society Karachi (HWSK)

LUMHS signed an MoU with a non-governmental organization (HWSK) to provide treatment to hemophilia patients in Civil Hospital Hyderabad.

MoU with United Hospital of Sciences (UHS), Lahore

An MoU was signed between LUMHS and UHS (Lahore) for collaboration in training, research and evaluation. This includes exchange of academics, joint research projects, workshops, training, student exchanges etc.

The Express Tribune

MoU with Pakistan Bait-ul-Mal

LUMHS and Pakistan Bait-ul-Mal signed an MoU: students of LUMHS would have internships, community work placements in Bait-ul-Mal's district/regional offices, joint observance of various international days etc.

MoU with British Council

LUMHS signed an MoU with British Council Pakistan for collaborative activities under the British Council's University Partnerships / IELTS partnerships

Liaquat university of medical and health faculty participated in Field Visit to Coastal Area of Sindh for Community-Based Disaster Risk Reduction (DRR) Observation

Date: 28th April 2024

Venue: Keti Bandar, Coastal Area of Sindh

Organizers/Collaborators:

Department of Social Work, University of Sindh, Jamshoro

Department of community medicine Liaquat University of medical and Health sciences,
Jamshoro

In collaboration with WWF Pakistan – Keti Bandar Field Office a regional NGO

Objectives of the Activity:

- To enable students to observe real-world disaster risk reduction (DRR) practices.
- To understand community-based approaches to climate resilience and adaptation.
- To explore the role of NGOs in promoting sustainable livelihoods and environmental protection.
- To bridge theoretical learning with field-based experiences in DRR and sustainability.

During the visit, students explored the DRR Centre, crab fattening pond, mangrove nursery, and interacted with a Community-Based Organization (CBO) “Seengar”, gaining valuable insights into local participation and resilience-building measures.

Outcomes & Achievements:

- Enhanced student understanding of disaster risk reduction and climate resilience.
- Strengthened linkages between classroom learning and community-level practices.
- Exposure to sustainable livelihood initiatives and ecosystem-based DRR approaches.
- Recognition of WWF Pakistan’s efforts in conservation and community empowerment.

Alignment with Sustainable Development Goals (SDGs):

This activity supports multiple SDGs, including:

- SDG 13: Climate Action
- SDG 14: Life Below Water
- SDG 15: Life on Land
- SDG 11: Sustainable Cities and Communities
- SDG 17: Partnerships for the Goals

The visit demonstrated how integrated conservation and community-based adaptation contribute to achieving global sustainability goals.





International Volunteer Day 2024 celebrated with collaboration of Activity with School Children

Organized by Archroma (NGO) Jamshoro in Collaboration with the Department of Community Medicine, Liaquat University of Medical and Health Sciences (LUMHS)

Volunteers from Archroma, LUMHS, Primary School Jamshoro, and the Sindh Environmental Protection Agency (EPA- a NON Government organization), joined hands in a series of impactful community-driven activities. These included a plantation drive and a clean-up

campaign at the Indus River Bay, Al-Manzar, aimed at promoting environmental sustainability, public health, and civic responsibility among the younger generation.

The Department of Community Medicine, Liaquat University of Medical and Health Sciences (LUMHS), actively participated in the observance of International Volunteer Day 2024, organized by Archroma Jamshoro. The event aimed to celebrate the spirit of volunteerism and emphasize the role of collective community action in achieving the United Nations Sustainable Development Goals (SDGs), particularly SDG 3 (Good Health and Well-being) and SDG 6 (Clean Water and Sanitation) and SDG 17 partnership for goals

Community-Based Activities

Through active participation, schoolchildren and volunteers learned the value of protecting natural resources and maintaining clean surroundings, reinforcing the concept of sustainable living through experiential learning.

Awareness and Talk Session

The event also featured an **interactive talk session** led by **Dr. Gulzar Usman, Mr. Abdul Salam, and Mr. Sajid Ahmed Junejo**, who spoke about the global theme of International Volunteer Day and the transformative power of volunteerism. The speakers highlighted how volunteer-driven initiatives contribute to healthier communities, environmental preservation, and social cohesion.

Participants and Institutional Collaboration

The program brought together a diverse group of participants, including **Archroma employees and staff, LUMHS MPH students, teachers, and representatives from the Sindh EPA**, reflecting strong institutional partnerships and cross-sectoral collaboration.

A representative from **Archroma Industries** expressed gratitude to all participants, stating:

“International Volunteer Day is a celebration of the power of volunteerism and community spirit. We are proud to have partnered with such dedicated organizations and individuals to promote the SDGs and look forward to continuing our joint efforts towards a more sustainable future.”

Conclusion

The event successfully underscored the importance of volunteerism as a catalyst for positive social and environmental change. It served as a reminder of the collective responsibility we share in preserving the environment, fostering public health, and advancing the global sustainability agenda through volunteer action.



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International collaboration and research, review comparative approaches to develop international best practice on tackling the SDGs

Liaquat University of Medical and Health Sciences (LUMHS), Jamshoro through its strategic international partnerships and interdisciplinary research, plays a pivotal role in shaping global responses to the **Sustainable Development Goal 3: Good Health and Well-being**. The university is committed to identifying, implementing, and disseminating best practices worldwide to improve the overall health and quality of life of communities.

International Collaboration

LUMHS works in close partnership with renowned **universities, research institutions, and international organizations** to:

- Exchange knowledge, expertise, and innovative practices
- Conduct **joint research projects** addressing global health challenges
- **Host international conferences, seminars, and workshops** promoting dialogue on public health and well-being

Research Initiatives

The university undertakes **interdisciplinary research** focused on themes related to health care and overall well-being, addressing pressing issues in disease prevention, mental health, and community health systems.

Comparative Approaches

LUMHS engages in comparative analyses of good health and well-being strategies across:

- Different **countries and regions**
- Various **sectors and industries**
- **Community-based initiatives** aimed at improving local health outcomes

Development of International Best Practices

The university's research contributes to the formulation of **global best practices** for SDG implementation, with particular emphasis on:

- **Policy frameworks and health governance**
- **Innovative technologies and sustainable health solutions**
- **Community engagement and empowerment**
- **Capacity building and professional training**

Key Partnerships

LUMHS maintains strong collaborations with:

- **United Nations agencies and international organizations**
- **Global universities and research consortia**
- **Non-Governmental Organizations (NGOs) and civil society groups**

LUMHS has signed several **Memoranda of Understanding (MoUs)** with active NGOs in the region. Together with the **local government**, LUMHS has organized numerous **medical camps**, deploying teams of doctors, volunteer students, and providing **free medicines**. Thousands of individuals have received **free medical treatment** through these initiatives. A detailed report of these medical camps and activities contributing to **SDG 3 (Good Health and Well-being)** is available on the **university's official website**.

Publications

Research findings from LUMHS are regularly published in **high-impact international journals**, reflecting the university's commitment to advancing scientific knowledge and improving global health outcomes.

By fostering **international collaboration, interdisciplinary research, and global knowledge sharing**, LUMHS continues to contribute meaningfully to achieving **Good Health and Well-being (SDG 3)** and promoting a healthier, , quality Education and overall sustainability for more equitable world.

International MoUs of Liaquat University of Medical and Health Sciences

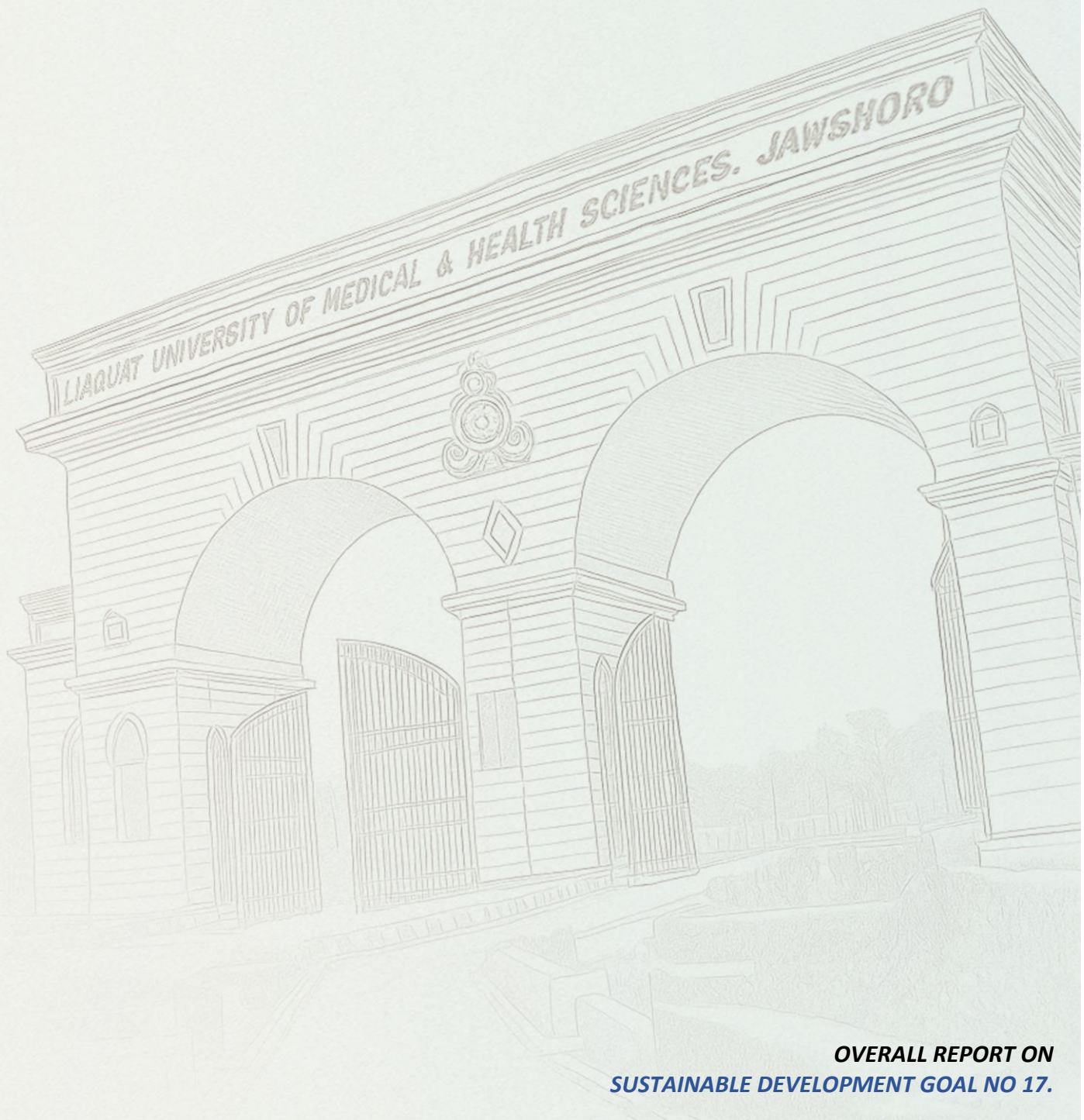
Name of Partnering Organization	Research Area(s)	Date Executed	Duration	Salient Outputs through Linkage / MoUs
Sifa University, Izmir, Turkey	Scientific and Technical Linkage	12.04.2013	10 Years – Ongoing	Joint PhD Programs Faculty Exchange Collaborative Research Faculty Development in Clinical Sciences
Azerbaijan Medical University	Joint research project, academic linkages.	15.07.2022	5 Years – Ongoing	Faculty/Student Exchange, Joint Research Projects, Research Articles etc.
Istanbul Aydin University	Joint research project, academic linkages.	02.06.2022	5 Years – Ongoing	Exchange of Student and faculty for study and research Research Projects and publications Conferences Cultural Exchange
Shanxi Medical University	Academic Collaboration	20.08.2019	Ongoing till termination	Joint Educational, Cultural and Scientific Research Exchange of Teacher and Students for research Exchange of academic material Short academic courses
The University of Huddersfield (“UOH”), England	Academic Collaboration	23.03.2009	Open-ended	Research Conferences Lectures Staff and Student Exchange
The University of Nottingham	Breast Cancer	06.05.2005	05 Years – Ongoing	Academic Partner PhD Scheme Student/Faculty Exchange Research Collaboration

The University of Birmingham, Edgerton	Public Health Epidemiology Obstetrics and Gynecology Academic and Cultural Linkages	27.04.2005	Ongoing	Academic and Research Linkages
		13.05.2015	Ongoing	Education and Scientific Protocols Cultural Exchange LUMHS, Jamshoro, Pakistan
The Brain Trust United Kingdom	Mental Health	03.09.2015	Open-ended	Enhance mental health facilities Provide Trained mental health professionals Enhance psychiatric research LUMHS, Jamshoro, Pakistan
The University of Bradford (Bradford, UK)	Academic and Research Linkages	20.03.2009	05 Years Complete	Split PhD Faculty Development Capacity Building and Training Programs Joint Research LUMHS, Jamshoro, Pakistan
The University of Dundee, Scotland	Academic Collaboration	10.11.2007	03 Years Completed-Ongoing	Research Proposals Academic Awards Joint Research Exchange Program Postdoctoral training Research and Scientific Publications
Nanjing Medical University, China	Arsenic Research Environmental Health	02.03.2019	Ongoing	Advance Learning Opportunities for Students of College of Pharmacy
Skaggs School of Pharmacy and Pharmaceutical Sciences, University of California, San Diego	Academic and Research	03.06.2022	Ongoing	
SSM Health United States of America	Student trainings	June 2024	Ongoing	Student short term placements in SSM health. Fees for elective placement has been waived off for LUMHS students



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**OVERALL REPORT ON
SUSTAINABLE DEVELOPMENT GOAL NO 17.**