



**ZIAUDDIN
UNIVERSITY**



RESEARCH and INNOVATION

ANNUAL REPORT
2024 - 2025

Executive Summary

Message from the Director

“The purpose of the Office of Research, Innovation, and Commercialization (ORIC) is to develop, expand, enhance, and manage the ZU research-related programs and to link research activities directly to the educational, social, and economic priorities of the university and its broader community. ORIC is also responsible for assuring that the quality of research reflects the highest international standards and advances the stature of the university as one of the best research institutions in the country. ORIC has the responsibility to make sure that all research programs and policies of the university reflect the core values of academic freedom, professional integrity, and ethical conduct and to guarantee the full compliance of all policies, legal requirements, and operational standards of the university and the HEC. collaborations. The academic environment at Ziauddin University enables students to support academic excellence and presents opportunities to faculty, Researchers to excel in their intellectual pursuits and build upon an environment that is highly competitive and academic. It also fosters entrepreneurial skills and academic excellence and motivates individuals to involve themselves in academic quests of the highest standards. We look forward to building upon our strengths and increasing our impact. ORIC Annual report covers a summarized view of performance targets achieved by ORIC-ZU, these targets have been achieved in the strategic KPIs / areas of Research, Innovation & Commercialization & Entrepreneurship, Linkages & Outreach & capacity building during 2024-2025 ORIC ZU is highly grateful to ZU management, Deans of faculty & college principals, faculty members, researchers, and allied departments for the support of all faculties and researchers in uplifting the research profile of Ziauddin University.”



Dr. Zulfiqar Ali Umrani
Director ORIC

ZU ORIC



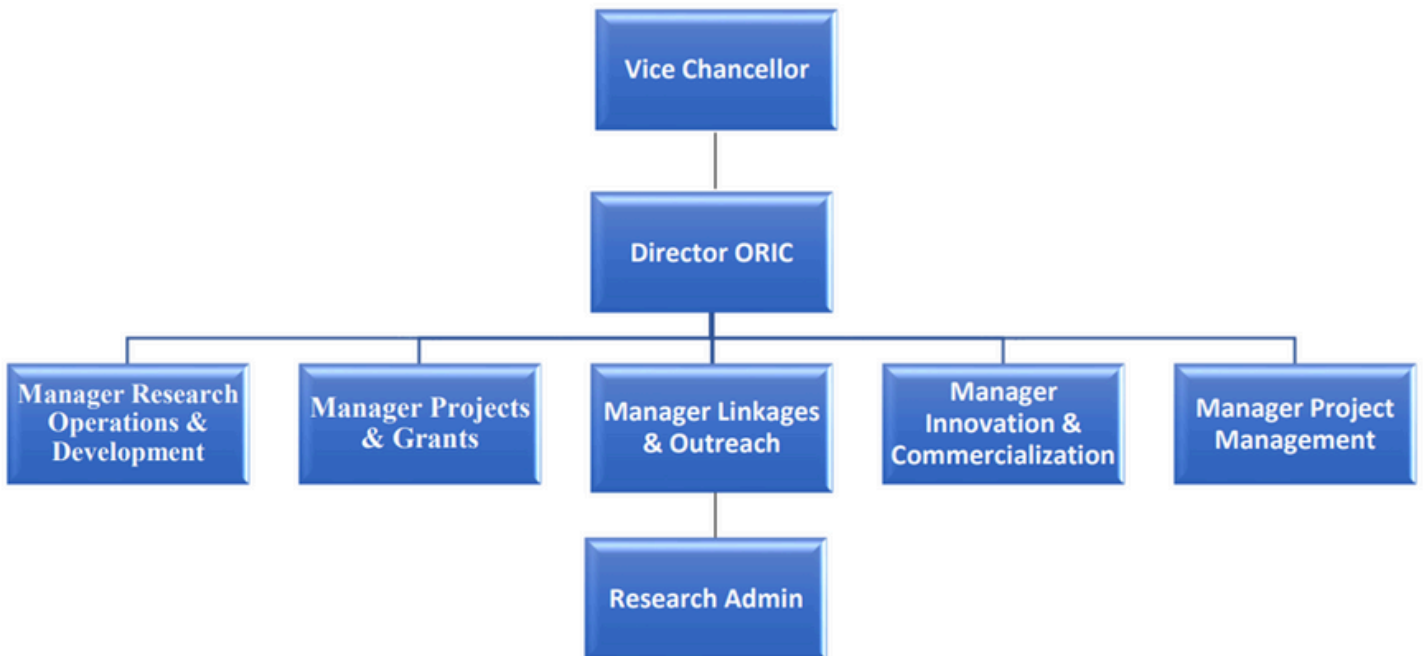
Office of Research Innovation and Commercialization

As one of the leading institutes in Pakistan, Ziauddin shoulders the responsibility that the faculty and the students are powered with the skills and resources to bring innovations for the betterment of the world. Ziauddin is encouraging and equipping researchers to commercialize their ideas so that they can actively partner with the industry. We have broadened our spectrum of research programs that attract both the faculty and the students to actively take part in research each year.

In due respect, Ziauddin then established the Office of Research, Innovation, and Commercialization (ORIC) in the year 2015 which then started its operations officially in 2020. ORIC at Ziauddin aims to operate under the vision of Ziauddin while abiding by the standards set by HEC and the United Nations. With the creation of ORIC, faculty at Ziauddin can now actively participate in research projects with first-hand availability of grants that will allow them to execute their projects as swiftly as possible. HEC aims at motivating and facilitating Higher Education Institutions (HEIs) to make research a top priority for sustainable economic growth and a future knowledge economy. For this purpose, HEC announced the establishment of a central body in universities to serve as a pivotal point, encompassing all the research activities - from the development of research proposals to the commercialization of research products - under a single umbrella. These centers were named "Offices of Research, Innovation, and Commercialization (ORICs)". HEC started working to organize the research activities of universities/HEIs ensuring the availability of well-established and fully functional ORICs. It was one of the objectives that the ORICs will provide strategic and operational support to the research activities/programs of a university and have a central role in facilitating the outcome of the university's research. These researches were intended to focus mainly on turning invention (pure knowledge) into innovation (products and production processes) that can ultimately impact the welfare of community welfare. By and large, the Office of Research, Innovation & Commercialization (ORIC) is the focal point for all research-related activities of the University.

The Office of Research, Innovation, and Commercialization (ORIC) dept at Ziauddin is subdivided into four functional groups that work both as independent and collaborative departments. These four groups are; research operations, grant and funding, linkages and outreach, innovation, and entrepreneurship. These groups are designed to facilitate the research objectives of Ziauddin University under the supervision of ORIC.

ORIC ORGANOGRAM



Meet the Team



Adnan Jafri
Manager Innovations and Entrepreneurship



Laraib Khan
Manager Projects and Grants



Sohail Rehman
Manager Research, Development and Operations



Rahima Tahir
Manager Linkages and Outreach



Bushra Fahim
Research Assistant



SERVICES OFFERED BY ORIC



SERVICES

Training and Workshops

1. Research Ethics Course Work
2. SPSS & Endnote application and organizing research work
3. Manuscript writing skills
4. Plagiarism software hands-on workshop
5. Workshops on Clinical Trial
6. Protein, RNA, DNA isolation purification, and quantitation from tissue
7. Guidelines for preparing effective Oral/ Poster Presentations
8. Developing Research Question and Hypothesis Testing
9. Hands-on workshops for Instrumentation & Biomedical Techniques

Collaboration and Funding for Research Projects

1. Facilitate international and local collaborations
2. Facilitate and Explore Clinical Trials and Patient data research
3. Provide information to faculty about various available research grants.
4. Facilitate faculty to write grants and plan proper budgets
5. Assist with negotiating problematic sponsored research agreements.
6. Management of grants

Research Support

1. Seminars and Workshops
 2. Journal Club for sharing of Research among faculty
 3. Online videos for Research
 4. Statistical support for research Data Analysis
 5. Publication Support
 6. Conference and Symposiums
 7. Research Collaborations
- 


Industrial Partnerships

1. Link faculty and students with relevant industry
2. Training for Corporate audience
3. Professional Certificate Programs
4. The interface between faculty and the commercial sector
5. External Services for Industry and NGOs
6. Promoting collaborative commercial ventures

Entrepreneur Support

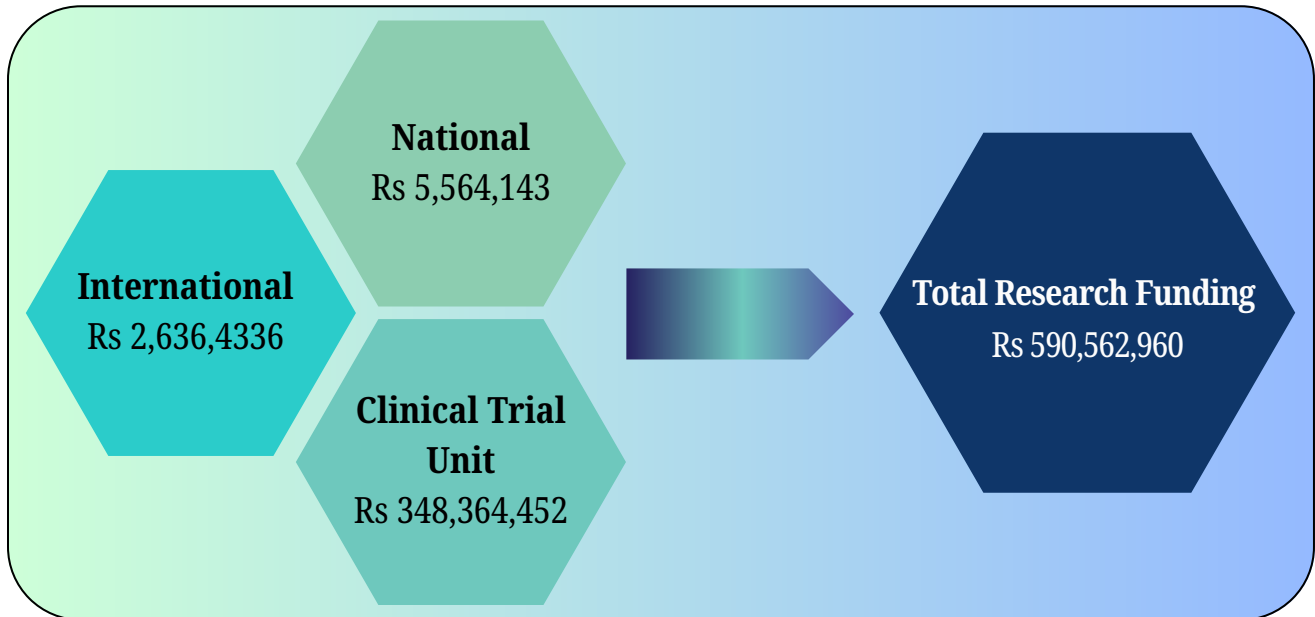
1. Evaluate markets for the commercialization of inventions
2. Help students and faculty create start-ups
3. Help faculty start companies
4. Identify potential licensees
5. Negotiate terms of licenses

Legal Support and Training

1. Company Registration and Incorporation Services
 2. Work with patent counsel to assess licensing
 3. Legal Consulting on Copyrights and Patents
- 

Projects and Grants

Research Funding (2024-2025)



Projects List

ZIAUDDIN UNIVERSITY ONGOING PROJECTS

1. NRPU- 5
2. NIH-6
3. PSF-ZU-Med-554
4. TMF
5. Maturity Matrix
6. WHO APW 2
7. CREDO
8. ISARIC PM
9. ACORN HAI Variation
10. MegaRox
11. REMAP CAP AP
12. GATES-ACUTE
13. Financial Literacy
14. GENOMICC Extension
15. PPIE Wellcome
16. PPIE FCDO
17. BioMed 5.0
18. ISARIC IPOP



RESEARCH & INNOVATION

Projects Won

National

NIH (Health Research Institute, National Institutes of Health Islamabad)

-Dr. Amna Aamir Khan, Associate Professor at the College of Physical Therapy, has been awarded the NIH Pakistan Grant for her project titled “Empowering Children with CP: A Goal-Oriented GMFM-based Program on Enhancing Gross Motor Function, Balance, and Quality of Life,” securing a total funding of PKR 3,16,910. This project aims to implement a goal-oriented, GMFM-based program designed to improve gross motor function, balance, and overall quality of life for children with cerebral palsy. This initiative will contribute significantly to advancing pediatric rehabilitation and enhancing the well-being of children with CP in Pakistan.

Mr. Shahzad Bashir, Associate Professor at the Faculty of Nursing and Midwifery (ZUFONAM), has been awarded the prestigious NIH Pakistan Grant of PKR 3,000,000 for his groundbreaking project titled “Mobile Health Intervention for Heart Failure Patients in Pakistan.” This initiative aims to implement innovative mobile health solutions to enhance self-care capabilities, improve the quality of life for heart failure patients, and significantly advance healthcare delivery while reducing hospital readmissions. This achievement highlights the transformative potential of innovative interventions in addressing critical healthcare challenges in Pakistan and beyond.

International

Clinical Research During Outbreaks Funded by the University of Oxford

Prof. Dr. Madiha Hashmi, Chair of the Department of Critical Care Medicine, has been awarded a prestigious grant of £112,633 for her project titled “Clinical Research During Outbreaks (CREDO)”, funded by the University of Oxford. The initiative focuses on enhancing clinical research capacity during outbreaks through targeted training, aiming to improve healthcare delivery and research outcomes in resource-limited settings. This funding will support the development and delivery of the CREDO training program. This achievement highlights the significant role of international collaboration in advancing clinical research and healthcare preparedness, particularly in the context of emerging infectious diseases.

ISARIC Project Management Funded by the University of Oxford

Prof. Dr. Madiha Hashmi, Chair of the Department of Critical Care Medicine, has been awarded a prestigious grant of £142,319 for her project titled “ISARIC Project Management”, funded by the University of Oxford. The project aims to manage and coordinate key ISARIC initiatives, including the Clinical Trial Unit Maturity Metrics and CREDO training, to improve critical care management, enhance healthcare delivery, and address global healthcare challenges. This achievement underscores the vital role of collaborative international research in improving patient care and healthcare outcomes both locally and globally.

Maturity Metrics Funded by the University of Oxford


Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has achieved success by securing the University of Oxford's prestigious grant for her project titled “Maturity Metrics.” This project, awarded by the FCDO (Foreign, Commonwealth & Development Office), will receive a total funding of £19,553. Dr. Madiha Hashmi will lead research aimed at developing and evaluating maturity metrics within critical care settings. The insights gained from this research are expected to enhance critical care practices and contribute to the ongoing advancement of healthcare standards.

Technical Development and Country Pilot for the WHO Framework Funded by the University of Oxford

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has secured the prestigious University of Oxford grant for the project titled “Technical Development and Country Pilot for the WHO Framework (TMF).” As Principal Investigator, Dr. Hashmi will lead this project on behalf of Ziauddin University. Ziauddin University has received a total of £7,792 to support the activities and responsibilities outlined in the research agreement. This project, awarded by the World Health Organization (WHO) and the University of Oxford, aims to facilitate the technical development and pilot testing of the WHO framework, with the potential to impact global health initiatives.

WHO Maturity Framework APW for Clinical Trials Units Funded by the University of Oxford

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has been awarded a prestigious grant from the University of Oxford for her project titled “WHO Maturity Framework APW for Clinical Trials Units.” As Principal Investigator, Dr. Hashmi will lead the research efforts at Ziauddin University. The project has received a total of £3,564 to support its activities. The initiative focuses on developing and implementing the WHO Maturity Framework within clinical trial settings, with the goal of assessing and enhancing the operational maturity of clinical trial units to ensure alignment with WHO standards.



Bill & Melinda Gates Grant Foundation

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has secured the prestigious "Support to the International Severe Acute Respiratory and Emerging Infection Consortium (Gates – Acute Respiratory)" project, awarded by the University of Oxford and funded by the Bill & Melinda Gates Foundation With a total funding of \$153,124 to support the activities and responsibilities of this project. Dr. Madiha Hashmi will serve as the Principal Investigator on behalf of Ziauddin University. This project aims to contribute significantly to the global understanding and management of severe acute respiratory and emerging infections, impacting public health outcomes worldwide.

REMAP-CAP Acquired Pneumonia Project Funded by Monash University

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has secured funding for her project titled “REMAP-CAP Acquired Pneumonia.” Awarded by Monash University (ANZIC-RC), the project has received a total of 11,675 AUD to support its activities. Prof. Dr. Madiha Hashmi will lead the research, which aims to explore treatment strategies for acquired pneumonia within critical care settings. The findings are expected to contribute significantly to the improvement of clinical practices and patient outcomes in critical care.

ACORN-HAI Variation Project Funded by the National University of Singapore

Prof. Dr. Osama Rehman Khalid, a Professor in the Department of Infectious Diseases, has secured funding for the project titled “ACORN-HAI Variation.” Awarded by the National University of Singapore, the project has received a total of 7,315 SGD to support its activities. Dr. Osama Rehman Khalid will lead the research, which aims to study variations in healthcare-associated infections (HAI), contributing to the ongoing efforts to improve infection control practices.

GENOMICC Variation Project Funded by the University of Edinburgh

Prof. Dr. Madiha Hashmi, Chairperson of the Department of Critical Care Medicine, has been awarded funding for the “GENOMICC Variation” project. Funded by the University of Edinburgh, the project has received a total of £43,297.50 to support its activities. Dr. Madiha Hashmi will lead the research, which aims to explore genetic variations associated with critical illnesses. The project will contribute to advancing our understanding of genomics in the context of patient outcomes.

Contract Research

This Contract Research Agreement is made between Management and Development Centre Pvt Ltd (MDC), represented by Dr. Mohammad Yameen Memon, and the College of Education, Ziauddin University, represented by Ms. Rana Hussain. The total amount to be paid to Ziauddin University under this agreement is PKR 420,000. The agreement encompasses two primary tasks: (1) Capacity building of the Sindh Teacher Education Development Authority (STEDA) in developing an accreditation framework to ensure the quality assurance (QA) of educational institutions, and (2) Capacity building of the Provincial Institute of Teacher Education (PITE) in designing a Continuous Professional Development (CPD) qualification framework for early-grade teaching, based on the accumulation of credits system.

SESSIONS AND WORKSHOPS

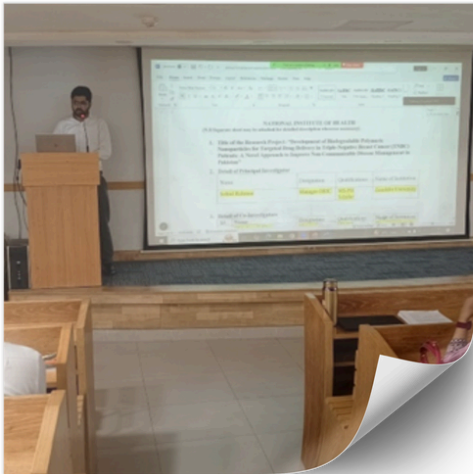
Training and Development

S. No	Session	Department
Grant Writing Sessions		
1	How to write winning Grants, Practices to adapt when writing a Grant Proposal	ZUFESTM
2	How to write winning Grants, Practices to adapt when writing a Grant Proposal	Nursing Dept
3	How to write winning Grants, Practices to adapt when writing a Grant Proposal	Veterinary Dept
4	How to write winning Grants, Practices to adapt when writing a Grant Proposal	Faculty of Allied Health Sciences
5	Grant writing session for NIH	All faculty members
6	Grant writing session	Clinical Psychology Department
7	Grant Writing Session	Clinicians and Pediatrics Department
8	Grant Writing Session	College of Public Health
Capacity Building Sessions		
9	Research Capacity Building Session) UKRI Grant	Clinical Trial Unit
10	Community-Based Session (CBS) for Action for Women Grant	All faculty members

Highlights

Research Methodology Workshop at Ziauddin University & Hospital

The Research Methodology Workshop at Ziauddin University & Hospital, led by Dr. Arsalan Ahmed Uqaili, focused on enhancing research practices and methodologies in healthcare. The session aimed to empower research and innovation, providing valuable insights into effective research strategies. This initiative holds significant importance in advancing knowledge and fostering growth in the field of healthcare research. It highlighted the critical role of research in improving healthcare practices and outcomes



Grant writing session for NIH

The Grant Writing Session for NIH provided essential insights into the process of securing funding for research projects. It focused on the strategies and best practices for preparing successful grant proposals. This session was instrumental in helping researchers understand the key components and expectations of NIH grant applications.

Grant writing and Budget Allocation session

This session was conducted an exceptionally interactive session for the Pediatric Department faculty on advanced grant writing and budgeting techniques. She unveiled exclusive funding opportunities from international agencies and shared insider tips on how to secure million-dollar research grants. The session included a live demonstration of successful budget proposals from renowned global institutions.



Grant writing session

A focused grant writing session was conducted in the Public Health Department to enhance research proposal development skills. Faculty members actively participated, learning strategies to craft competitive grant applications. The session aimed to boost research funding opportunities and collaborative initiatives.



INNOVATIVE ENTREPRENEURSHIP



Patent Filed by ZU

Category	Patent Application 1: Mobile Health Application (Shahzad Bashir)	Patent Application 2: Glipad ACRO (Ather Hashmi)
Applicant Name	Shahzad Bashir, Prof. Dr. Yasmin Amarsi, Prof. Dr. Saad Jawaid Khan, Danyal Talpur	Muhammad Ather Hashmi, Muhammad Abid Khan
Patent Title	Mobile Health Application	Glipad ACRO
Filed Date	November 5, 2024	November 12, 2024
Purpose of Invention	To improve self-care ability and quality of life for heart failure patients	To reduce pain during acromioclavicular joint mobilization therapy
Technology Used	Mobile app, Bluetooth wristband for vital sign monitoring, Chatbot based on BioBert	EVA foam, ergonomic design for comfort during therapy
Patent Application No	227/2025	226/2025










**LINKAGES
&
OUTREACH**















International Office

The International Office at Ziauddin University is dedicated to promoting academic excellence and research innovation through strategic international collaborations. It serves as a bridge between ZU and globally recognized institutions, facilitating academic exchange, collaborative research, and capacity-building initiatives. By fostering cross-border partnerships, the office contributes to the university's mission of advancing knowledge, enhancing global engagement, and aligning with international academic and research standards.

International Collaborations

S. No	Name	Logo
1	Francisk Skorina Gomel State University	
2	Karabük University	
3	Vanar	
4	IQVIA	
5	ATEA Pharmaceutical	
6	Yisheng Biopharma	
7	Huahui Health Limited	
8	Biocad	
9	DRK Pharma	
10	ORCI Trials	
11	Matrix	

National Collaborations

S. No	Name	Logo
1	Archives of Management and Social Sciences	
2	Disability Welfare Association	
3	Fit Fusion	
4	Allied Medical Research Journal	
5	Greenstar Social Marketing	
6	LiveBits	
7	The Ami School	
8	DAI Pakistan Private Limited-Fleming Fund Project	
9	Grow Safe Private Limited	
10	Sensory Care by Sam the OT	
11	Department of Empowerment of Persons with Disability	
12	Pakistan Occupational Therapy Association	
13	Ali & Associates	
14	Farooqui Healthcare Clinic	

Collaborative Discussions

Exploring New Horizons with IQVIA

ZU had a productive and inspiring discussion with the team at IQVIA on potential collaboration to advance innovation in healthcare and research. The synergy between our visions opens up exciting possibilities, and I'm eager to see the meaningful impact we can create together!



Empowering Change Through STEM Collaboration with UTS

An inspiring collaboration with the University of Technology Sydney brought together bright minds to explore how careers in science and technology can tackle global challenges. The workshop, "Science for the Future," was a powerful exchange of ideas with representatives Steven Langford and Willa Huston.

Collaborative Discussion with Sheridan College, CA

Host esteemed representatives from Sheridan College, Canada, at Ziauddin University for an engaging dialogue on future collaboration. The exchange of ideas with Jason Rolls and Nauman Khan highlighted exciting possibilities in international partnerships, joint research, and industry engagement. This visit marks a step forward in building bridges across borders and creating transformative opportunities for our students and faculty. We look forward to a fruitful partnership rooted in innovation, excellence, and shared global goals.



Good Financial Grant Practice (GFGP)

ZU successfully hosted the Good Financial Grant Practice (GFGP) workshop, marking a significant milestone in promoting global standards of financial governance and grant management at Ziauddin University. With expert insights from Ms. Sarah Moore and Ms. Genny Kiff of Oxford University, participants gained a deeper understanding of the GFGP framework, reinforcing best practices in transparency, accountability, and compliance.

Fostering International Academic Partnerships with Paris-East Créteil University (UPEC).

ORIC engaged in meaningful discussions with Sabine Vermillard from Campus France and Dr. Laurent Thevent from Paris-East Créteil University (UPEC). The meeting opened up promising avenues for academic collaboration, joint research initiatives, and mobility programs for students and faculty. ZU-ORIC is excited about the potential to build strong international ties that promote innovation, knowledge exchange, and global impact. Here's to forging partnerships that inspire growth and excellence across borders!





Sustainability Office

Established in 2020 under the Office of Research, Innovation and Commercialization (ORIC), the Sustainability Office at Ziauddin University serves as a central hub for advancing the United Nations Sustainable Development Goals (SDGs) within the institution and beyond. It focuses on integrating sustainability into university governance, academic programs, and research initiatives, while promoting awareness among internal and external stakeholders. The office also supports the establishment of similar units in other universities, contributing to the broader Sindh 2025 Vision. Through activities like tree plantation drives, participation in international conferences, and collaborations such as the Green Waqf Initiative with the Islamic Chamber of Commerce, Industry & Agriculture, the Sustainability Office exemplifies Ziauddin University's commitment to sustainable development and social responsibility.

Events

The SAFE Workshop

The SAFE Workshop, "Building A Safe Campus: Understanding & Addressing Sexual Harassment," was recently held as part of Ziauddin University's commitment to fostering safe and inclusive academic environments. This impactful event, led by the Pro-Chancellor, Dr. Nida Hussain, was organized in collaboration with the ACU-Martha Farrell Foundation, Sindh Higher Education Commission (HEC), and the United Nations Sustainability Unit Sindh. The workshop brought together over 25 universities from Karachi, with the participation of chairpersons, anti-sexual harassment committee members, and HR managers, to discuss best practices and strategies for creating harassment-free campuses.

Transforming Maternal and Neonatal Health: Best Practices and Innovation

Ziauddin University, in collaboration with the Pakistan Institute of Living and Learning, is hosting a seminar titled "Transforming Maternal and Neonatal Health: Best Practices and Innovations" on Thursday, 25th July 2024 at the Abul Hasan Jafarey Auditorium, Karachi. This seminar will explore emerging trends and critical debates around the prevention and management of stillbirths and neonatal deaths in Pakistan. Featuring esteemed national and international experts from institutions like the Liverpool School of Tropical Medicine and Ziauddin University & Hospital, the event offers a valuable opportunity to exchange knowledge and innovative strategies for improving maternal and neonatal health outcomes.



Kangaroo Care Seminar

The Pakistan Institute of Living and Learning (PILL), in collaboration with Dr. Aijaz Fatima Women & Child Center and Ziauddin University, successfully conducted a comprehensive training session on "Kangaroo Care" along with a stakeholder discussion on community-based priorities as part of The Baby Matters Conference (11th-13th April 2025). Held on 12th April, the session was led by international expert Dr. Jessica Gordon and brought together a diverse group of healthcare professionals, including pediatricians, gynecologists, family clinicians, mental health experts, and public health specialists. The event served as a vibrant platform for knowledge-sharing and dialogue, aimed at strengthening Infant and Early Childhood Mental Health practices in Pakistan.

Detection and Intervention in Early Childhood Mental Health Disorders

About The Workshop
This workshop has been organized to enhance the capacity of health professionals and stakeholders to provide high-quality, family-centered care, promoting better health outcomes for infants and children.

Learning Outcomes

- Learn to overcome barriers to kangaroo care
- Use a multi-axial diagnostic approach in early childhood
- Identify age-appropriate, evidence-based interventions for ages 0-5
- Learn to implement and advocate for evidence-based neonatal care.

Facilitators

Speaker Dr. Jessica Gordon Senior Research Consultant Pakistan House Foundation (Pakistan House Foundation, Dhaka, Bangladesh)	Speaker Dr. Aijaz Fatima Head of Department (Department of Obstetrics and Gynecology) Ziauddin University & Hospital	Speaker Dr. Zulfiqar Ali Usmani Senior Research and Development (SRD) Director of Clinical Trials and IRT (Health Economics & Strategy)
Speaker Prof. Aijaz Fatima Professor Emerita & Head of Department Department of Obstetrics and Gynecology Ziauddin University & Hospital	Prof. Naeem Chaudhry Chief Executive Officer Ziauddin University & Hospital Professor of Obstetrics and Gynecology Ziauddin University & Hospital	Prof. Naeem Chaudhry Professor of Obstetrics and Gynecology Ziauddin University & Hospital Professor of Obstetrics and Gynecology Ziauddin University & Hospital
Organizer Aijaz Fatima Senior Research Consultant Pakistan House Foundation	Organizer Aijaz Fatima Senior Research Consultant Pakistan House Foundation	Organizer Aijaz Fatima Senior Research Consultant Pakistan House Foundation

Who should attend
The audience for this session would include paediatricians, gynaecologists/obstetricians, family health clinicians, residents, midwives, nursing staff, mental health professionals, public health experts and parents.

Saturday, April 12, 2025
Ziauddin University, Chilton Campus,
43 Shahrah-e-Daakhil, Block 6 Chilton, Karachi, Sindh 75600

9:00am - 4:00pm PST
Training.development11@gmail.com



Workshop- Financial Literacy of Women

The workshop at Ziauddin University focused on empowering women by addressing the barriers to financial independence. Through open discussions and practical tools, we explored challenges such as limited access to banking, education, and social mobility. The session provided a platform for women to gain confidence and take actionable steps towards financial freedom. It's a reminder that empowerment thrives when we uplift women at every stage of their journey.

**ZIAUDDIN UNIVERSITY
CLINICAL TRIAL UNIT**

**CLINICAL
TRIAL UNIT
(CTU)**

CLINICAL TRIAL UNIT



The Ziauddin University Clinical Trial Unit is dedicated to conducting high-quality clinical trials across various therapeutic areas, adhering to international regulatory standards and collaborating with researchers, clinicians, and industry partners. It serves as a dynamic hub where healthcare professionals, researchers, and industry experts collaborate to address crucial medical challenges and drive medical advancements. Equipped with cutting-edge infrastructure, dedicated facilities, and advanced technology, the CTU provides an optimal environment for rigorous trial execution and reliable clinical data generation. Upholding ethical guidelines, regulatory compliance, and participant safety is paramount, fostering trust among participants, sponsors, and the wider medical community. Through this prospectus, the CTU invites researchers, sponsors, and industry partners to collaborate and leverage its resources, offering comprehensive services throughout the clinical trial lifecycle. With a vision to contribute to scientific discoveries, enhance patient care, and shape the future of medical research and innovation, the Ziauddin University Clinical Trial Unit aims to be at the forefront of clinical research.

The Clinical Trial Unit at Ziauddin University was established in 2022 and holds recognition from the Drug Regulatory Authority of Pakistan (DRAP). This recognition by DRAP highlights the unit's compliance with regulatory standards and its commitment to conducting clinical trials by national guidelines. As an officially recognized clinical trial unit, Ziauddin University is well-positioned to contribute to the advancement of medical research and innovation in Pakistan. By adhering to DRAP regulations, the unit ensures that all trials conducted within its facilities follow the necessary ethical and safety guidelines, thereby maintaining the integrity of the research process and protecting the well-being of trial participants.

The Clinical Trial Unit at Ziauddin University aims to conduct high-quality clinical trials, develop innovative therapies, contribute to evidence-based medicine, enhance patient care, and foster a culture of research and innovation among healthcare professionals

Clinical Break-through

The Clinical Trial Unit at Ziauddin University has consistently demonstrated excellence in advancing medical research and participant recruitment, solidifying its position as a key player in the field of clinical trials. Remarkably, in the Bouquet Speculum Trial, the Clinical Trial Unit showcased its exceptional efficiency by successfully enrolling a substantial cohort of 160 participants within just one month. This achievement not only underscores the unit's dedication to expediting the trial process but also speaks to its ability to efficiently engage and enroll participants promptly.

In the Rabies Trial, the unit achieved a significant milestone by surpassing expectations and recruiting 303 patients in less than a month. This accomplishment is a witness to the Clinical Trial Unit's agility and effectiveness in assembling a diverse and sizable participant pool for crucial research on rabies. The speed and success with which the recruitment process was conducted reflect the unit's commitment to addressing urgent healthcare challenges and contributing valuable data to advance our understanding of diseases.

Moreover, the unit's recognition as the fastest recruitment for the Hepatitis D trial across Pakistan further solidifies its leadership in the clinical research landscape. Outpacing other research centers in the country, the Clinical Trial Unit has demonstrated efficiency and a commitment to making substantial contributions to medical knowledge and improving healthcare outcomes.



Highlighted Current Trials

S.No	Trial Name	Principia Investigator
1	PIKA Rabies Vaccine Study	Dr. Osama Rehman Khalid
2	BCD 178- Breast Cancer Study	Dr. Adnan Abdul Jabbar
3	Bemnifosbuvir Covid-19 Study	Dr. Nida Hussain
4	HH-003 Hepatitis-D Study	Dr. Zehgham Abbas
5	Bemnifosbuvir Hepatitis-C Study	Dr. Zehgham Abbas
6	FDA-Cleared Vaginal Speculum Study	Dr. Rubina Hussain

Upcoming Trials

Phase III- Hepatitis D study (ECLIPSE-I)

Non-Small Cell Lung Cancer Study (BENITO)

Phase IIb- Hepatitis D study (ECLIPSE-3)

Phase II Relapsed/Refractory Multiple Myeloma study (FLAMMINGO)

Phase III Hepatitis-C Study

CLINICAL TRIAL UNIT



Patient & Public Involvement and Engagement- PPIE

First PPIE Group in Pakistan
Ziauddin CTU has established the inaugural group focused on patient and public involvement, promoting transparency and shared decision-making in research.

Collaborative Research Approach
We prioritize a collaborative methodology involving stakeholders to ensure research efforts resonate with the needs of the community.

Aligning Research with Public Health Needs
By integrating public input, our research aligns more closely with societal health priorities, enhancing the relevance and impact of our studies.

Patient & Public Involvement and Engagement- Pakistan First PPIE Summit



The Pakistan's First Patient & Public Involvement and Engagement (PPIE) Summit marked a groundbreaking step towards inclusive healthcare research and policy. Bringing together patients, caregivers, researchers, and healthcare professionals, the summit emphasized the importance of co-creation, transparency, and community voice in shaping health systems. This pioneering initiative set the foundation for a more patient-centered approach in Pakistan's healthcare and research landscape.

