DOW UNIVERSITY OF HEALTH SCIENCES

DUHS

ANNUAL SUSTAINABILITY REPORT

2024-25

Prepared by
The Department of Alumni,
Marketing and Communication

SUSTAINABLE
DEVELOPMENT GOAL
17 PARTNERSHIPS
FOR THE GOALS

ABSTRACT

Dow University of Health Sciences (DUHS) continues to advance sustainable development through diverse initiatives that promote quality education, health and well-being, innovation, inclusion, environmental responsibility, professional development, sports, cultural engagement, and community collaboration. During 2024–2025, the University organized a wide range of academic programmes, healthcare awareness activities, professional training sessions, student development initiatives, sporting events, cultural celebrations, research collaborations, and community outreach programmes. Through partnerships and collaborative engagement with national and international organizations, academic institutions, healthcare professionals, and other stakeholders, DUHS also contributes towards **SDG 17: Partnerships for the Goals**, recognizing collaboration as an essential element in achieving sustainable and meaningful development.

OLYMPICS DAY

To mark Olympics Day on June 23, Dow University of Health Sciences (DUHS) celebrated sports with enthusiasm and zeal. Volunteering students from DUHS organized a series of games for students from Karachi Grammar School (KGS), including volleyball, table tennis, badminton, and chess.

The activity with the KGS kids was a part of the DUHS-KGS Summer Boot Camp organized by Dow Skills Development Centre (DSDC) & Office of Research Innovation and Commercialization (ORIC).





MASTER MENTORS WITHIN THE MEDICAL FACULTY

The Dow University of Health Sciences (DUHS) Karachi has successfully concluded an innovative training event aimed at developing Master Mentors within the Medical Faculty on July 20, 2024. This pioneering program was made possible through the generous support of the U.S. Department of State, the United States Educational Foundation in Pakistan (USEFP), and the Institute of International Education (IIE).

A diverse group of 60 participants from 20 medical and dental institutions across Karachi embarked on this rigorous six-month training course. Notably, 51 participants successfully completed the program, emerging as Master Mentors equipped to elevate the standards of medical education.





DIDC SHINING STARS

Dow International Dental College hosted a prestigious appreciation and recognition award ceremony on July 27th 2024, tilted “DIDC Shining Stars.” The event was held in the picturesque surroundings of the Defence campus, reflecting its beauty and tranquility.

The ceremony was designed to honor and celebrate the remarkable achievements of both students and faculty. Awards, certificates, medals, and cash prizes were presented to those who excelled in national and international competitions, as well as to individuals who distinguished themselves in research, quizzes, video making, and academic excellence.





YOUM-E-ISTEHSAL KASHMIR SOLIDARITY WALK

The Youm-E-Istehsal Kashmir solidarity walk at Dow International Medical College (DIMC), Ojha Campus, saw a remarkable turnout of students, faculty, and community members who came together to show their support for the people of Kashmir. The event was a powerful display of unity and solidarity held on August 5 2024.

Participants walked with banners and placards, expressing their commitment to the cause and highlighting the importance of standing in solidarity with Kashmir. The atmosphere was charged with a sense of purpose and dedication, as speakers shared moving words about the significance of Youm-E-Istehsal and the ongoing struggles faced by the Kashmiri people.





AVAILABILITY OF THE DOWRAB (HUMAN RABIES VACCINE)

On August 5th, 2024, a momentous occasion took place with Mayor Karachi Murtaza Wahab, celebrating a significant achievement: the first-time availability of the DOWRAB (Human Rabies Vaccine), a product of Dow University of Health Sciences, in KMC-governed hospitals.

A small ceremony was organized at the KMC office to honor Mayor for his commitment to patient welfare and to reaffirm DUHS's mission to protect communities from the deadly disease. Mayor Murtaza Wahab expressed his steadfast support for the cause and announced plans to visit DOW Ojha to commend the dedication and excellence of the production and research teams.





ISLAMIC DEVELOPMENT BANK DELEGATION VISIT

A delegation from the Islamic Development Bank (IDB) in Saudi Arabia recently visited Dow University of Health Sciences (DUHS) on August 10, 2024 to discuss and advance the implementation of the e-Doctor project. This visit marked a significant step in the collaborative efforts between DUHS and IDB.

The partnership between DUHS and IDB underscores a shared commitment to advancing healthcare through technology and creating greater collaboration in the health sector.





CULTURAL BAZAAR

The Cultural Exchange Society of the Dow Students' Global Scholars Community, in collaboration with the Directorate of Global Engagement, DUHS, arranged an unforgettable event on Pakistan's Independence Day on 13th August 24.

Held in the vibrant DMC Courtyard, event featured a bustling Cultural Bazaar where we invited various vendors, from crochet and resin art stalls to biryani and kulfi. We ensured that all start-up businesses were supported by the Dow community, reflecting our commitment to empowering small local businesses.





MCB BANK INTRODUCTORY SESSION

The MCB Bank Introductory Session on the MCB Nayab Current Account was successfully held on 12th September 2024 at DIMC, Ojha Campus. The session was attended by students, staff, and faculty members.

The guest speaker, Mr. Sohaib Mirza, Regional Head for Malir and Societies, along with MCB team visited DUHS. They delivered an insightful presentation on the features and benefits of the MCB Nayab Current Account.

The session concluded with an engaging Q&A, where attendees had the opportunity to clarify their queries.





LINKEDIN BRANDING SESSION

We had the privilege of hosting an insightful session conducted by our esteemed alumnus, Mr. Farooq Shafi on 25th April 2025. The session focused on equipping students with practical knowledge and actionable strategies to establish and cultivate their personal brand on LinkedIn.

Through this engaging workshop, participants gained valuable insights into how effective personal branding can significantly contribute to their career advancement and professional growth.



ELEKTA UNITY - MR LINAC SYSTEM

We are pleased to announce a major achievement at Dow University of Health Sciences, Karachi. On 18th September 2024, the Dow Comprehensive Cancer Center successfully introduced the cutting-edge ELEKTA UNITY - MR LINAC System. This advanced technology combines MRI imaging with precise radiation therapy, revolutionizing cancer treatment by allowing more accurate and personalized care.

The system was implemented under the guidance of Prof. Mohammed Saeed Quraishy T.I, Vice Chancellor of DUHS, alongside Dr. Amjad Hussain Shahani, Administrator Radiosurgery DUHS, and Mr. Leo Fogaca, Team Lead and Clinical Innovation Specialist. Dr. Muhammad Atif Mansha, Consultant Oncologist at the center, also played a key role.





INTERNATIONAL SIMULATION WEEK

As part of the global celebrations for International Simulation Week, Dr. Asif Rehman Simulation Centre, Dow University of Health Sciences (DUHS), hosted a distinguished delegation from Cork University, Dublin, Ireland on September 21, 2024. The delegation was led by Professor Conor Deasy, an expert in trauma and simulation management.

Their visit was marked by insightful discussions, and highly impressive remarks from the delegation, acknowledging the quality of the simulation training and the impact it has on healthcare education.





ANF VISIT

The Anti-Narcotics Force (ANF), Sindh, recently held a meeting with focal persons from Dow University of Health Sciences, Karachi on 2nd October 2024, to discuss an upcoming awareness session on drug prevention among youth in educational institutions.

The upcoming session will focus on educating students about the dangers of substance abuse and promoting a drug-free environment.

Members of the Dow International Patient Care Association (DIPCA) also attended the meeting, showcasing their commitment to playing an active role in raising awareness and supporting prevention efforts.





DOW UNIVERSITY OF HEALTH SCIENCES AND UBL PARTNER FOR IV ANTIBIOTICS DILUTION LAB

On October 9, 2024, a significant partnership was formalized at the Vice Chancellor's Board Room at Dow University of Health Sciences (DUHS), Karachi, where United Bank Limited (UBL) presented a generous donation of 20 million rupees to support the construction and installation of Pakistan's first intravenous (IV) antibiotics dilution laboratory. The donation, aligned with UBL's Sustainability agenda, was provided in two separate tranches.





21ST HEALTH ASIA INTERNATIONAL EXHIBITION & CONFERENCES

21st Health Asia International Exhibition & Conferences at the Karachi Expo Center from 17-19 October 2024, Dow University of Health Sciences (DUHS) ended its successful participation as a Strategic Partner, showcasing its leadership in healthcare education and innovation.

DUHS continued to attract visitors to its booths, highlighting advancements from its top departments including the Dow Diagnostic Research & Reference Laboratory (DDRRL), Dow Institute of Radiology (DIR), Dow Institute of Biological, Biochemical & Pharmaceutical Sciences (IBBPS), Dow Institute of Life Sciences (DILS), Dow Skills Development Centre (DSDC), Dow Institute for Advanced Biological and Animal Research (DIABAR), Dow Dental College (DDC), Dow International Dental College (DIDC), and Dr. Ishrat-ul-Ebad Khan Institute of Oral Health Sciences (DIKIOHS).





DUHS PARTNER WITH SMARTBENEFITS

Dow University of Health Sciences (DUHS) is proud to partner with Smartbenefits in hosting a powerful breast cancer awareness session at BreakThru in October 2024, advancing health knowledge and empowerment in our communities.

Dr. Maryum Nouman, Assistant Professor and Section Incharge, Department of Medical Oncology, Dow University Hospital, DUHS, shared essential insights on early detection and prevention.





GROUNDBREAKING CEREMONY FOR THE CONSTRUCTION OF NEW SEMINAR HALLS AT DOW UNIVERSITY OF HEALTH SCIENCES

On Saturday, November 2, 2024, Dow University of Health Sciences (DUHS) celebrated a significant milestone with the groundbreaking ceremony for new seminar halls at the Ojha Campus, Karachi.

This development is a major step toward enhancing DUHS's educational infrastructure. The new seminar halls will collectively accommodate approximately 3,000 individuals during examinations, providing a much-needed expansion of our campus's capacity to support large gatherings, lectures, and academic assessments. The construction is being undertaken by M/S United Construction Co.





COLLABORATIVE MEETING

A highly productive and collaborative meeting took place between the Emergency Medicine Department - Trauma Center at Ojha Campus and the dedicated team from Sindh Infectious Diseases Hospital (SIDH) on Monday, November 4, 2024.

Guided by our esteemed Medical Superintendent and Pro Vice Chancellor, Prof. Dr. Jahan Ara Hassan, the meeting focused on enhancing coordination between both institutions to improve patient care, particularly for those suffering from infectious diseases such as Diphtheria, Dengue Hemorrhagic Fever (DHF), Measles, HIV/AIDS, COVID-19, Monkeypox, and others.





CELEBRATING WORLD QUALITY DAY

On November 16, 2024, Dow University Hospital, under the leadership of the Quality Assurance & Quality Control Department, celebrated World Quality Day with the theme "From Compliance to Performance."

Chief Guest, Prof. Dr. Jahan Ara Hassan, delivered an inspiring address, reinforcing the critical role of quality in transforming healthcare systems. A dynamic panel discussion followed, where experts delved into the challenges and opportunities in advancing healthcare quality, providing thought-provoking insights for the future.

To celebrate innovation, the Best Quality Idea Initiative recognized creative ideas that drive progress, with winners and runners-up announced amid cheers.





WORLD CHILDREN'S DAY WITH AGHOSH ORPHANAGE

On World Children's Day (20 November 2024), the Dow Students' Global Scholar Community (DSGSC): Health-Related Conferences Society, in collaboration with the Directorate of Global Engagement, Dow University of Health Sciences (DUHS), visited Aghosh Orphanage by Al-Khidmat Foundation Karachi, creating a memorable day dedicated to nurturing and inspiring young lives.





VISIT TO PAKISTAN STOCK EXCHANGE (PSX)

The Literary and Debate Society, Institute of Business and Health Management organized an educational visit to Pakistan Stock Exchange (PSX) on 26th November 2024 for the students. The visit enhanced the financial literacy of students and was aligned with key Sustainable Development Goals (SDGs).

The visit emphasized the importance of financial planning, saving, the impact of inflation, stock investments, and the long-term benefits of investing in the equity market, fostering economic empowerment.





SWISS-PAKISTAN WORKSHOP ON "GENOMIC MEDICINE AND RECESSIVE DISORDERS"

Dow College of Biotechnology (DCoB), DUHS, successfully hosted the Swiss-Pakistan Workshop on "Genomic Medicine and Recessive Disorders" on November 26, 2024, at the Ojha Campus.

This collaborative event brought together leading experts from Switzerland and Pakistan to discuss cutting-edge research in genomic medicine, with a focus on the molecular genetics of human recessive disorders and their modeling in Zebrafish and Drosophila melanogaster.





3RD INTERNATIONAL KIDNEY TRANSPLANT AND GLOMERULONEPHRITIS SYMPOSIUM

The Renal Transplant Unit of Dow University Hospital proudly hosted the 3rd International Kidney Transplant and Glomerulonephritis Symposium on November 23rd and 24th, 2024, at the Marriott Hotel Karachi.

This prestigious event marked a significant milestone in advancing knowledge and collaboration in kidney transplantation and glomerulonephritis, bringing together esteemed professionals from across the globe.



DOW COLLEGE OF BIOTECHNOLOGY STUDENTS SPREAD SMILES AT DARUL SUKOON OLD AGE HOME

In September 2024, the enthusiastic team of DCoB Times organized a heartwarming bake sale to raise funds for a meaningful cause. With the generous support of students, they successfully collected enough to make a difference.

On December 4, 2024, 32 dedicated DCoB students visited Darul Sukoon Old Age Home with a mission to bring smiles to the residents' faces. Using the funds raised, they thoughtfully purchased essential food supplies and engaged in enriching activities like reading, drawing, and exchanging life advice with the residents.

The students also spent time listening to the residents' inspiring and heartfelt stories, gaining valuable lessons about life, resilience, and love.





COMMUNITY HEALTH INITIATIVE BY DOW MEDICAL COLLEGE

The Department of Paediatrics Unit-II and the Department of Neurology from Dr. Ruth K.M. Pfau Civil Hospital Karachi (CHK), in collaboration with Dow Medical College (DMC) and Dow University of Health Sciences (DUHS), organized a one-day free medical camp on 5th December 2024 at SEF Syed Sultan Shah Ashabi School in Rahoo Gohram Goth, a remote area of Gadap Town.

Over 500 patients, including children and adults, were provided free medical consultations and medicines.





INTERNATIONAL VOLUNTEER DAY

The Community Service and Sustainability Society of the Institute of Business and Health Management (IBHM), DUHS, proudly celebrated International Volunteer Day on Monday, December 9, 2024. The event, organized by Dar-ul-Sukun (Old Age Home) in collaboration with the Russian Cultural Centre, was a heartwarming initiative dedicated to fostering compassion and human connection.

Volunteers had the incredible opportunity to interact with senior citizens, share meaningful conversations, and spend quality time together, embodying the spirit of care and solidarity.





HULT PRIZE AWARENESS

A second Hult Prize Awareness Tabling Session was held on November 27th, 2024, from 10:00 AM to 01:00 PM outside the Pharmacy Cafeteria. Strong participation was seen, with students expressing interest in the Hult Prize and sharing their innovative ideas with the team.

The session provided another opportunity for students to register, learn more about the competition, and receive guidance on how to kickstart their entrepreneurial ideas.





CELEBRATING THE RESOUNDING SUCCESS OF THE PNRA WORKSHOP

We are delighted to share that the PNRA (Pakistan Nuclear Regulatory Authority) workshop held at Dow Institute of Radiology on 18th December 2024 was an outstanding triumph. The event served as a vibrant platform where brilliant minds, engaging speakers, and an enthusiastic audience came together to foster learning, innovation, and excellence in the fields of nuclear safety and radiological sciences.

The workshop featured insightful discussions that delved into the latest advancements and best practices, reinforcing the importance of collaboration and knowledge-sharing in healthcare education.





DUHS JOIN ADVANCE HE

Dow University of Health Sciences (DUHS), Karachi, Pakistan, has become the first public sector university in the country to officially join Advance HE. By engaging with the Fellowship Program, the institution reinforces its commitment to educational excellence while also receiving formal recognition for this pursuit.

Advance HE membership was officially led by Prof. Sonia Ijaz Haider, with the agreement signed by Registrar Dr. Ashar Afaq on behalf of Dow University of Health Sciences and Kathryn Harrison-Graves on behalf of Advance HE.



DOW UNIVERSITY OF HEALTH SCIENCES RECEIVES GLOBAL RECOGNITION

DUHS has been honored with the Research Excellence Award 2025 by the National University of Singapore (NUS) for its outstanding contributions.

Event Date: 18 February 2025



AUSTRALIA-PAKISTAN WORKSHOP HIGHLIGHTS: "EXPLORING PRECISION MEDICINE"

A groundbreaking academic session on Exploring Precision Medicine was conducted on February 20, 2025, by the Dow Institute of Medical Technology (DIMT) in collaboration with the University of Technology Sydney (UTS) and Dow University of Health Sciences.

The session fostered an interactive discussion between UTS Australian professors and students, emphasizing the role of genetic variations in clinical medicine.





FIRST CHPE CERTIFICATE COURSE IN HEALTH PROFESSIONS EDUCATION

Dow University of Health Sciences, through its Dow Institute of Health Professionals Education (DIHPE), has successfully completed the *First CHPE Certificate Course in Health Professions Education at the National Institute of Cardiovascular Diseases (NICVD) on February 25, 2025.

This achievement reflects DUHS's commitment to advancing healthcare education by equipping medical professionals with cutting-edge knowledge and skills.





DOW LAB NEW BRANCH

Dow Lab has officially inaugurated a new collection center in Gambat, near the esteemed Gambat Institute of Medical Sciences, known for its excellence in liver transplants and other advanced medical facilities.

This expansion reflects our commitment to supporting the local community and providing high-quality diagnostic services to the people of rural areas. By bringing reliable and accessible health care closer to home, we aim to make a meaningful impact in the lives of unprivileged areas.





CDE PROGRAM AND WORKSHOP ON ICON RESIN INFILTRATION TECHNIQUE

The Department of Operative Dentistry at Dow International Dental College on 18th February 2025 hosted an engaging Continuing Dental Education (CDE) program on Icon Resin Infiltration Technique. The event featured three expert lectures and a series of practical sessions, providing both theoretical knowledge and hands-on experience to over 85 participants, including house officers, residents, faculty members, and general practitioners from various organizations.



CRAFTING EFFECTIVE RESEARCH SYNOPSIS WORKSHOP

The “Crafting Effective Research Synopsis Workshop”, part of the “Mastering Research Methodology” series, was successfully conducted on February 24th, 2025, at the Ojha Institute of Chest Diseases (OICD), Dow University of Health Sciences (DUHS), in collaboration with the World Health Organization (WHO). The workshop aimed to enhance participants’ skills in research synopsis development, focusing on key areas such as hypothesis testing, research problem formulation, and proposal writing.





8TH ALL PAKISTAN DUHS-DICE HEALTH INNOVATION EXHIBITION 2025

The DUHS-DICE Health Innovation Exhibition 2025, held on 25th February 2025, was a resounding success, bringing together visionary youth, entrepreneurs, and industry leaders to revolutionize Pakistan's healthcare sector!

With 200+ cutting-edge projects from 30+ universities, the event fostered innovation, collaboration, and a strong Academia-Industry linkage.







SAYLANI WELFARE INTERNATIONAL TRUST VISIT

On 15th April 2025, a delegation from Saylani Welfare International Trust visited Dow University of Health Sciences (DUHS) to explore avenues for future collaboration and potential sponsorship agreements.

During the visit, the team was given an in-depth tour of DUHS facilities, including the School of Nursing, Institute of Medical Technology, practical laboratories for student training, lecture/seminar halls, and the DIMC PDC Hall. The visit highlighted DUHS's commitment to quality education and hands-on training in healthcare.





FIRST SUCCESSFUL WHOLE EXOME SEQUENCING AT DOW-DOGANA (Dow Graduates Alumni Association of North America) Advanced Molecular Genetics & Genomics Diseases Research & Treatment Center, Dow University of Health Sciences

Under the visionary leadership of Professor Dr. Mohammed Saeed Quraishy T.I, Vice Chancellor of DUHS, an exceptional collaborative effort between researchers and clinicians has achieved a significant milestone in advancing the field of genomic research. The team at the Dow-DOGANA Advanced Molecular Genetics & Genomics Diseases Research & Treatment Centre, equipped with a state-of-the-art Next Generation Sequencing (NGS) Platform, has successfully conducted in-house Next Generation Sequencing (NGS) for the first time in DUHS.

Whole exome sequencing has been performed on patients with genetic disorders, including inherited breast cancers, inherited retinal disorders, and congenital intellectual disabilities. Several deleterious genetic variants have been identified, which could be promising for future diagnostic and therapeutic interventions. The results were further validated by the gold standard Sanger sequencing technique at Dow-DOGANA.



MOU WITH HEALTH PROMOTION FOUNDATION (HPF)

National Institute of Diabetes and Endocrinology (NIDE), Dow University of Health Sciences (DUHS), has taken a significant step forward in pediatric diabetes care by signing a Memorandum of Understanding (MoU) with the Health Promotion Foundation (HPF) on 21st July 2025 to launch the Changing Diabetes in Children (CDIC) project.

Under this program, all registered children with type 1 diabetes will receive free insulin, glucometers, and glucometer strips, The clinic at NIDE was formally inaugurated following the MoU signing.





MOU WITH NOVO NORDISK

On April 16, 2025, Office of Research, Innovation, and Commercialization (ORIC, DUHS) and Novo Nordisk came together with a shared commitment to drive positive societal change by raising public awareness on diabetes and obesity.

This meaningful collaboration was initiated by Prof. Kashif Shafique, Director ORIC and Principal, School of Public Health, Dow University of Health Sciences.





DOWRAB ANNUAL RECOGNITION CEREMONY 2025

On April 17, 2025, Dow University of Health Sciences (DUHS) proudly marked the one-year anniversary of the DOWRAB (Rabies vaccine) with an Annual Recognition Ceremony.

The ceremony was graced by the esteemed Vice Chancellor of DUHS, Prof. Mohammed Saeed Quraishy T.I, and attended by key leadership who have played a vital role in the journey of DOWRAB.

During the event, shields and tokens of appreciation were presented to contributors and partners in recognition of their unwavering commitment to public health and their support in the fight against rabies.





MOU SIGNING CEREMONY BETWEEN DUHS AND THREE RENOWNED PAKISTANI UNIVERSITIES

Dow University of Health Sciences is pleased to announce the signing of a Memorandum of Understanding (MoU) with three esteemed universities of Pakistan: GIFT University (Punjab), University of Gwadar (Balochistan), and Karachi Institute of Economics and Technology – KIET on August 27, 2024.

This MoU signing ceremony marks the beginning of a fruitful partnership between DUHS and these distinguished institutions, paving the way for collaborative research, innovation, and academic excellence.





INAUGURATION OF COMPREHENSIVE CANCER CENTER AND GIRLS HOSTEL AT DUHS

Dow University of Health Sciences achieved a major milestone on April 16, 2025, with the inauguration of the Comprehensive Cancer Center at its Ojha Campus.

The event was graced by the Honourable Chief Minister of Sindh, Syed Murad Ali Shah, who attended as the Chief Guest. He officially inaugurated the facility, accompanied by Sindh Health Secretary Mr. Rehan Baloch and Meritorious Professor Mohammed Saeed Quraishy T.I, Vice Chancellor of DUHS.

The Comprehensive Cancer Center is a state-of-the-art facility dedicated to delivering advanced, integrated cancer care. It houses cutting-edge technology, including the ELEKTA UNITY – MR LINAC System, offering precise, image-guided radiotherapy that significantly improves treatment outcomes.





WORLD HYPERTENSION DAY

The Dow Institute of Cardiology organized a Hypertension Awareness Walk on May 17 to highlight the dangers of this “silent killer.” The event aimed to raise public awareness about hypertension, its risks, and the importance of early detection through regular blood pressure monitoring.

Following the walk, fruits were distributed among patients to promote the benefits of a heart-healthy diet and emphasize the role of nutrition in managing blood pressure.






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