



Yarmouk University

PHARMACY

NEWSLETTER

PHARMACY, a subtle art of medication that makes us proud and thrilled pharmacists



Issue2, Jul 2024

<https://pharmacy.yu.edu.jo>
Facebook
Irbid, Jordan

NEWSLETTER STAFF

Editor-in-Chief: Prof. Fadia Mayyas

Editorial Board: Dr. Deniz Al-Tawalbeh, Hala Yousef

Designer: Ph. Mouhmmmed Houzefa Al-droubi



Yarmouk University

Faculty of Pharmacy

About the College

The Faculty of Pharmacy was reopened in Yarmouk University in 2013 after it being transferred to Jordan University of Science and Technology in 1986 to be part of the Faculty of Medicine.

The college consists of three departments: The Department of Clinical Pharmacy and Pharmaceutical Practice, The Department of Pharmaceutics and Pharmaceutical Technology, and The Department of Medicinal Chemistry and Pharmacognosy. Our Department of Clinical Pharmacy and Pharmaceutical Practice emphasizes the importance of developing the scientific, professional and social aspects of pharmacy students, in order to qualify them to play an active role in pharmaceutical care in hospitals and community pharmacies. While the Department of Pharmaceutics and Pharmaceutical Technology and the Department of Medicinal Chemistry and Pharmacognosy offer a wide range of scientific specializations necessary for the discovery, development and delivery of new medicines.

The college includes 37 faculty members, 8 administrators and 14 technicians, in addition to 7 scholarships expected to join the academic staff during the next five years. Approximately 1,400 students are enrolled in the Bachelor of Pharmacy program in the regular and parallel programs, distributed over the different academic years.

The college awards a bachelor's degree in pharmacy after the student completes 170 credit hours distributed over five academic years in coordination between the college departments. The program focuses on the basic responsibilities of a pharmacist in health care and in industry, to prepare the graduate to work in various fields of pharmaceutical work such as community pharmacies, clinical pharmacy, pharmaceutical industry, marketing and management, the pharmaceutical regulatory and licensing sector, academic field and scientific research. A new master program in the Technology in Pharmaceutical development and Practice was approved recently by the ministry of Higher education in Jordan. It is expected that student's enrollment starts next fall 2024/2025.



Established in 2013



**3 Departments
(1 B.S.)**



**1443
pharmaceutical
Graduates**



37 Academic Staff



8 Admin Staff



14 Lab technician

Yarmouk University

Faculty of Pharmacy

Our Vision

To hold a distinguished position locally and regionally in the fields of pharmaceutical education, scientific research and community service.

Our Mission

Preparing competent and qualified pharmacists through providing them with a distinguished education, training, pharmaceutical care, pharmaceutical advice and scientific research aimed at serving the community and achieving sustainable development in the health sector.

Our Objectives

- Preparing qualified graduates capable of developing the pharmacy profession, scientific research and community service.
- Strengthening partnerships with the private sector and academic institutions in the field of scientific research, training, sustainable development and community service.
- Providing a supportive environment for raising the competencies and enhancing the expertise of the academic, administrative and technical staff.
- Applying local, regional and international quality standards in academic programs and scientific research.
- Maintaining and strengthening our bonds with the Faculty graduates and supporting their needs as much as possible.
- Creating a stimulating environment for students to help them develop their leadership, innovation, continuous learning, and critical thinking skills as well as supporting them through the provision of extracurricular activities.

Our Values

- Creativity: The Faculty works to support pioneering ideas that serve scientific research and academic programs in the Faculty.
- Excellence: The Faculty seeks to apply the highest quality standards in academic programs and scientific research.
- Continuous improvement and development: The Faculty believes in the principles of continuous learning and self-development.
- Teamwork: The Faculty consolidates a culture of teamwork in both principle and action in a collaborative effort between all members of the Faculty of Pharmacy, including academics, administrators, technicians, and students.
- Commitment: The Faculty is committed to community service and academic work ethics.

President Article

Yarmouk University Launched The First Phase of its Investment Vision to Promote Sustainable Development, Self-Sufficiency, and Community Service



Prof. Islam M. Massad, MD
President, Yarmouk University

The achievements and successes recently attained by Yarmouk University, whether in the continued progress in the QS World University Rankings or the 29th session of the Student Union elections, are the fruits of the university efforts to improve the quality of education and scientific research and to serve students and the community development.

These accomplishments align with the university's vision of sustainable development in all sectors, in harmony with the economic modernization vision and the aspirations of the Hashemite leadership.

However, public universities are facing a challenge due to growing financial requirements. This situation necessitates finding additional funds to fulfill their obligations, expand academic programs, improve educational quality, and enhance the overall university environment. Consequently, universities are exploring diverse funding sources to execute strategic plans, and contribute to community development.

Yarmouk University has identified investment as a priority and a cornerstone for relying on its resources in its budget, opening doors to innovative and creative ideas that serve students and university staff, enhances the quality of the teaching process, and at the same time benefit the city of Irbid.

Yarmouk University has embarked on the initial phase of its investment vision through the Yarmouk Fund Company for Economic Projects Management, a limited liability entity owned by Yarmouk University's Investment Fund.

This company is comprised of specialists and experts to facilitate management, supervision, implementation, evaluation, and leveraging its capabilities, experiences, and extensive networks to achieve the desired outcomes.

This phase focuses on developing commercial land in the southern region of the campus. The university's board of trustees has endorsed this initiative, aiming to provide exceptional investment opportunities aligned with Yarmouk University's global vision and standards.

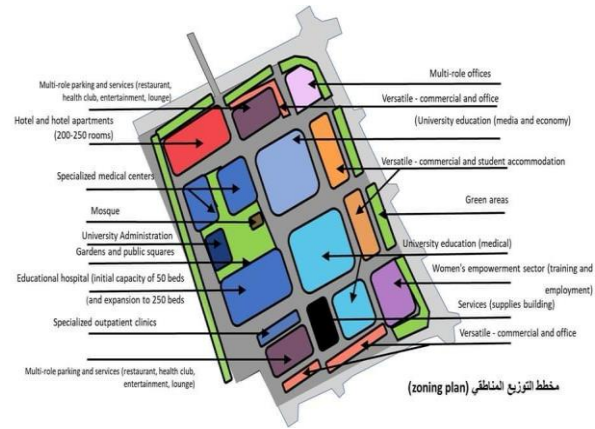
It reflects the university's ideas that align with the spirit of the modern age, contributing, as it has before, to the development of the city of Irbid and serving its community and residents, in line with the directives of the Jordanian state under the leadership of His Majesty the King.

This initiative aligns with the vision of economic modernization by unlocking potential to build the future through deepening partnerships with the private sector, thus stimulating the national economy and developing the investment and entrepreneurial environment to elevate Jordan.

A comprehensive investment plan has been prepared, taking into account the economic and social needs of the local community and the city. These investment opportunities include the construction of a teaching hospital, a hotel, high-standard student housing, and commercial spaces suitable for various commercial investments, including a shopping mall, shops, and offices of various sizes.

These investment opportunities will be available to local, Arab, and foreign investors alike through the BOT (Build-Operate-Transfer) and PPP (Public-Private Partnership) systems.

Tenders have been announced for 12 available projects, aimed at enhancing services for students, university staff, and residents of Irbid Governorate. We wish the university success in its all endeavors, with the efforts of students, faculty members, and administrative staff, to become a global university that partners with the private and the public sectors, serves the community, and aligns its ideas with the spirit of the times, contributing to the development of Irbid city and our beloved Jordan.



Dean`s Welcome Message

I am Pleased to Extend a Warm Welcome to You to The Faculty of Pharmacy at Yarmouk University



**Prof. Fadia Mayyas,
The Dean of Pharmacy**

We are excited to announce the release of the 2nd issue of our faculty newsletter. In this edition, we showcase the significant achievements and activities undertaken during the second semester of 2023/2024.

Our commitment lies in grooming highly professional pharmacists who can actively contribute to the Jordanian pharmaceutical sector and the global community, meeting the demands of the job market.

The faculty has experienced substantial growth and progress, advancing steadily towards excellence with its exceptional faculty members and competent graduates. Here are some key highlights about the Faculty of Pharmacy:

1. We have received approval for our inaugural master's program in "Technology in Pharmaceutical Development and Practice" and have submitted the initial accreditation application for this program to the Accreditation and Quality Assurance Commission for Higher Education Institutions in Jordan.
2. The faculty has obtained initial approval for Placements of Qualifications of the Pharmacy Bachelor program within the Jordanian National Framework application.
3. Industrial training has been incorporated into our curriculum as a mandatory component, fostering a connection between program outcomes and industry needs. This semester alone, we organized eleven industry visits.
4. An agreement has been signed with the ALRAZI group to expand students' practice sites for community pharmacy training, facilitate joint lectures and activities, and modernize the virtual pharmacy.
5. A memorandum of understanding has been established with the Lebanese American University (LAU) to foster collaboration in education, research, and cultural exchange for both students and faculty members.
6. We have signed a memorandum of understanding with the Jordanian Pharmacy Syndicate to promote continuous pharmacy education, training, and professional development.
7. The main seminar hall of the faculty has been renovated with generous support from the pharmacy syndicate.
8. A new pharmacy practice laboratory has been established to enhance students' skills in pharmacy practice and patient care processes.
9. The faculty held its inaugural scientific meeting on inter-professional research and education within medical fields.

10. Two new faculty members have joined, bringing the total to 37.
11. Since the end of February 2024, the faculty has conducted over 50 activities with the assistance of faculty staff and students.
12. A students' research club has been established to promote research activities among students and faculty members.
13. The faculty successfully conducted its first student union election, with a participation rate of about 47%.
14. A promotional video was released through a student competition to design the best introductory video for the college.
15. Curriculum and training regulations have undergone thorough revision and approval by the Dean's Council to ensure the effective delivery and implementation of program courses.

At the Faculty of Pharmacy, we are dedicated to continuous improvement and growth through refining our educational programs, expanding teaching and research resources, and cultivating meaningful national and international partnerships. We appreciate your interest in our newsletter and encourage you to visit our faculty or website to learn more about our program.



Featured Article

Advisory Board Message

The Role of The Jordan Food and Drug Administration (JFDA) in Achieving Food and Drug Security and Activating Partnerships to Exchange Expertise with Educational Institutions



**Prof. Nizar Mhaidat,
The Head of Jordan Food and
Drug Administration (JFDA)**

Jordan has become a regional hub for the pharmaceutical and medical supplies industries due to continuous support, national methodology, and the visionary outlook of His Majesty King Abdullah II, which has propelled these industries to a historic stage of significant growth as they progress.

The number of pharmaceutical factories has reached 30 active factories in the kingdom, with approximately 90 production lines manufacturing various concentrations and pharmaceutical forms (injections/oral liquids/tablets/capsules/suppositories/sprays). The number of locally produced registered pharmaceutical products with the Jordan Food and Drug Administration (JFDA) has reached 4,522, covering all therapeutic groups, contributing to the provision of therapeutic alternatives at fair prices. Jordanian medicines are exported to more than 70 global markets, known for their quality and excellent reputation.

Driven by the JFDA's commitment to reducing economic burdens and lowering the treatment bill in the kingdom, and in implementation of royal directives, the institution has urged national factories to localize some industries that are not produced in Jordan, such as biological and biosimilar medicines. It has encouraged attracting more investments in the production of biosimilars and leveraging the experiences of countries that have successfully localized this industry through contract manufacturing to gain expertise in this field, which will later help in fully transferring technology to local factories. Additionally, it aims to provide possible facilities and expedite the registration of these products to meet the local market's needs and offer alternatives that help lower the treatment bill.

Jordan, under its wise leadership, has supported its pharmaceutical authorities and encouraged the development of regulations and laws, bolstered by specialized scientific staff, making Jordan one of the leading countries in pharmaceutical manufacturing. This aims to achieve the mission and vision of the institution, ensuring the provision of safe, effective, and high-quality medicines.

The cooperation and partnership between Jordanian universities and both public and private sectors is a key focus of educational curricula, integrating scientific aspects with practical realities to produce advanced scientific research and development in the field of research. This curriculum is based on applying scientific knowledge to design suitable pharmaceutical forms that improve patient quality of life.

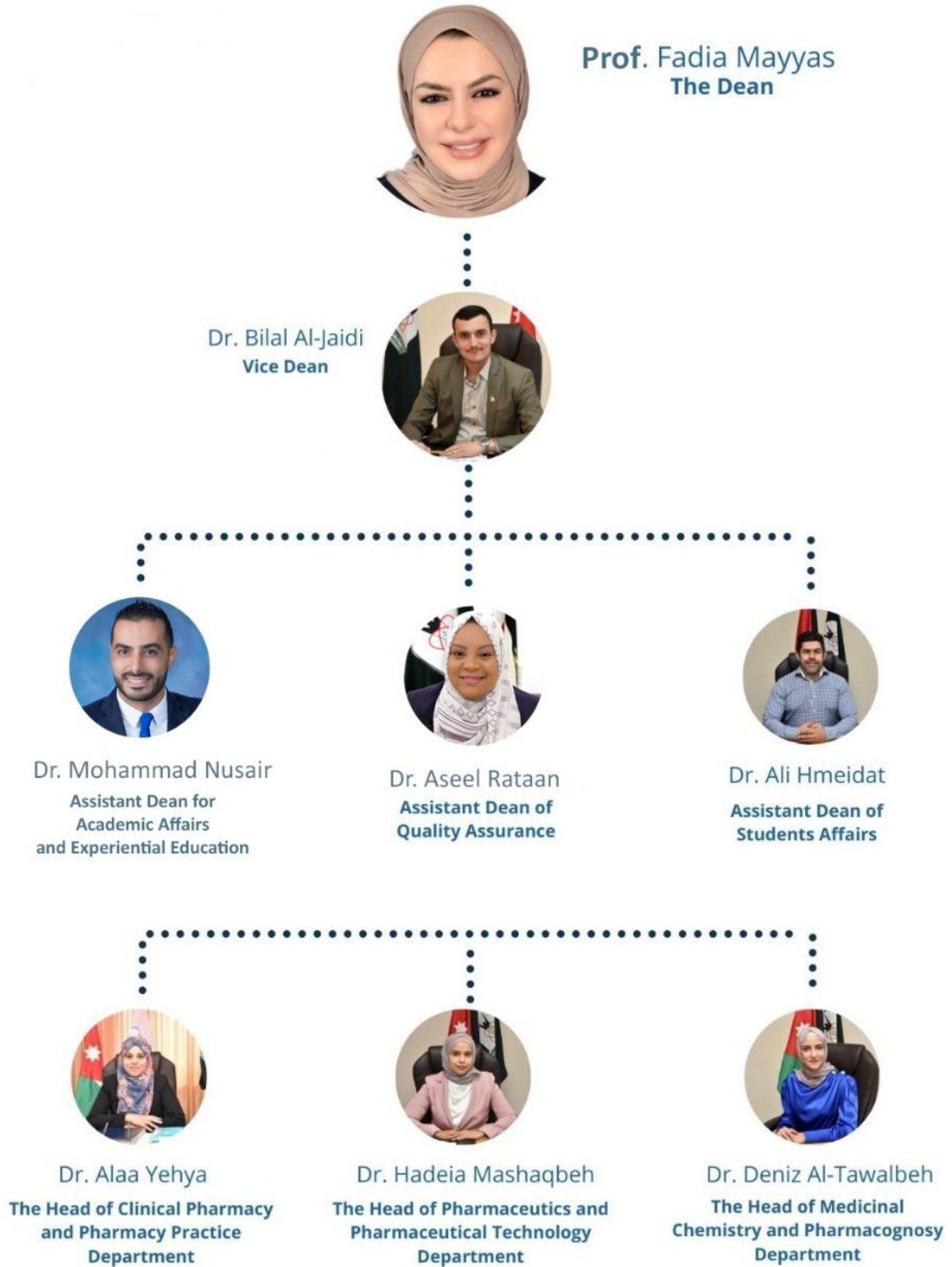
This partnership contributes to broadening students' perspectives and enhancing their ability to meet the needs and challenges of the labor market in industrial sectors. Additionally, the partnership and agreements between the JFDA and Jordanian universities have enabled students to understand regulatory, administrative, laws, and legislations governing the pharmaceutical industries, significantly strengthening the links between the academic sector and the pharmaceutical manufacturing sector.

The Jordan Food and Drug Administration (JFDA) signed an agreement with Yarmouk University to enhance and exchange expertise between the two parties in the field of applied scientific research, human resources development, and laboratories. Additionally, the agreement includes training pharmacy students in the departments and laboratories of the JFDA to familiarize them with the role of the institution in pharmaceutical and food regulation. Through this agreement, we hope to elevate the educational standards offered by the university and improve the competencies of its graduates and students to better align with the needs of the labor market.

Finally, I wish the Faculty of Pharmacy at Yarmouk University all the success in achieving the desired goals. May we all be guided to serve our people and our Arab nation under the leadership of His Majesty King Abdullah II Ibn Al Hussein. May God protect and care for him.



Organizational Structure



New Faculty Committees

Spotlight on Innovation: The Launch of The Pharmacy School's Research Club

In an exciting development for the Pharmacy School, a new Research Club has been launched at the faculty of Pharmacy at Yarmouk University, aiming to create a dynamic platform and to establish a strong research culture within the college. This action is meant to be a game-changer for both students and faculty members. Vision and Mission: The goal of the Research Club is to help pharmacy students become more proficient researchers by offering a stimulating and encouraging atmosphere for the discussion of ideas and real-world experiences, and to foster research collaboration between faculty members. The club's vision extends beyond just skill development; it aims to cultivate a culture of scientific curiosity and critical thinking. Activities and Goals: The club intends to host a range of events, including educational seminars, hands-on workshops, and research competitions. These activities are designed to develop students' research and innovation capabilities. Under the expert guidance of Dr. Islam A. Berdaweel, Ghina'A I. Abu Deiab and Pharamasict Afnan M. Ayaad, the club members will not only improve their research skills but also contribute to the development of broader goals of societal and scientific development.

As the Pharmacy School moving forward with this new chapter, the Research Club offers a great opportunity of growth and encouraging and all students and faculty members to be part of this transformative journey.

Faculty News

A New Master Program at The Faculty of Pharmacy

The Ministry of Higher Education and Scientific Research has recently granted approval for the launch of an innovative Master's degree program at the College of Pharmacy: "Technology in Pharmaceutical Development and Practice." This new program marks a significant step forward in the realm of pharmaceutical education and research in our region.

The curriculum of the Master Technology in Pharmaceutical Development and Practice is designed to cater to the evolving demands and advancements within the pharmaceutical industry. It will equip students with advanced knowledge and practical skills essential for roles in pharmaceutical development, manufacturing, quality control, and advanced pharmacy practice.

It integrates and connects the field of modern pharmaceutical technology, drug design, and discovery with specialized courses under the framework and concept of pharmaceutical development and optimal drug use or practice in patient care, whether clinical, industrial, or otherwise.

The Dean of the College of Pharmacy, Dr. Fadia Mayyas noted that this program includes modern technologies in pharmaceutical development, manufacturing, and drug design, in addition to clinical and industrial pharmaceutical practice. She highlighted that there is no specialized program in pharmaceutical practice in its comprehensive sense at Jordanian universities, as some programs focus only on clinical practice, which is just one aspect of pharmaceutical practice, and there is a shortage of programs for courses concerned with industrial practice or the use of behavioral and social aspects in pharmaceutical practice.

She continued: The program focuses on modern techniques used in drug development and covers new fields and courses not previously offered, such as good manufacturing practices in pharmaceutical manufacturing, digital technology in drug development, nanobiotechnology, and molecular modeling in drug design and discovery, in addition to advanced pharmacy practice, modern applications in practice, and research methodology using behavioral and social aspects in pharmaceutical practice, which face a shortage of competencies in academic and research institutions for these specializations.

Mayyas confirmed that the study plan for this program, in both the thesis and comprehensive tracks, provides the student with the opportunity to choose a research field in either pharmaceutical development technology or pharmaceutical practice. She noted that the "comprehensive track" will have a research-oriented nature as it includes a research project that the student completes as a mandatory requirement, which is a distinctive feature of this "comprehensive track" compared to other master's programs in pharmaceutical sciences at Jordanian universities.

Moreover, the Master Technology in Pharmaceutical Development and Practice program is expected to attract talented individuals aspiring to make meaningful contributions to healthcare and pharmaceutical advancements. It will also create opportunities for collaboration between academia and industry, promoting research initiatives that address current challenges in pharmaceutical technology.



Technology in Pharmaceutical Development and Practice

Pharmacy Practice Lab Opening

The newly established Pharmacy Practice Lab at Yarmouk University represents a cutting-edge facility designed to cater to the evolving needs of pharmacy education. Tailored to deliver a modernized curriculum, this specialized lab plays a pivotal role in preparing students to deliver world-class, patient-centered care.

Located within the university's academic infrastructure, the Pharmacy Practice Lab serves as a dynamic learning environment where students engage in hands-on training essential for their professional development. This facility supports several newly established practical courses, each designed to equip students with practical skills and knowledge crucial for their future roles as pharmacists.

Among the courses facilitated in the Pharmacy Practice Lab are Pharmacy Practice Lab 1 and 2. These courses provide students with foundational skills in dispensing medications, patient counseling, and pharmaceutical calculations. The lab environment allows students to practice under simulated real-world conditions, ensuring they are adept at handling various pharmaceutical scenarios they will encounter in their careers.

Additionally, the lab hosts the Clinical Cases Lab, where students learn to apply theoretical knowledge to practical situations. Here, they analyze clinical cases, develop patient care plans, and gain proficiency in medication therapy management. This hands-on experience enhances their critical thinking abilities and prepares them to handle complex patient interactions with confidence and competence.

Furthermore, the Pharmacy Training component of the lab offers students opportunities for supervised practical training in community and hospital pharmacy settings. This aspect of the curriculum allows students to integrate classroom learning with real-world practice, under the guidance of experienced pharmacists.

By providing access to state-of-the-art equipment and resources, the Pharmacy Practice Lab at Yarmouk University ensures that students receive a comprehensive education that meets international standards. The lab's role in the curriculum underscores the university's commitment to producing highly skilled pharmacists who are capable of delivering exceptional pharmaceutical care and contributing positively to the healthcare system.

In conclusion, the Pharmacy Practice Lab at Yarmouk University serves as a cornerstone of the pharmacy education program, fostering the development of competent and compassionate pharmacists prepared to meet the challenges of modern healthcare practice. Its integration into the curriculum reflects the university's dedication to excellence in education and its commitment to advancing the field of pharmacy.





Signing a Memorandum of Understanding for Training Services Between "Al-Yarmouk" and The Jordan Pharmacists Syndicate

Yarmouk University, through the Faculty of Pharmacy, signed a memorandum of understanding for training services with the Pharmacists Syndicate. The President of the University, Dr. Islam Massad, signed on behalf of the university, while Dr. Mohammad Ababneh, the Syndicate's President, signed on behalf of the syndicate.

Massad stated that this memorandum aims to enhance the university's leading role through its faculties, departments, and scientific centers in serving the local community by developing the skills and capabilities of professionals responsible for pharmaceutical education and development. The focus is on both theoretical and practical aspects, training academic staff, and enhancing their skills to improve their efficiency.

During the meeting, the president focused on deepening cooperation with the Pharmacists Syndicate and building on it through lectures, workshops, study circles, and purposeful guidance programs. He emphasized the importance of exchanging experiences between academic, professional, and healthcare institutions, expressing the readiness of Yarmouk University to collaborate through the Faculty of Pharmacy in developing the national pharmaceutical sector, keeping pace with global updates and requirements in pharmaceutical practices, and introducing new trends and innovations in pharmaceutical practice that align with modern developments. Massad stressed the significance of this memorandum in enhancing continuous pharmaceutical education for practitioners in the field and faculty members at the college, as well as in providing the appropriate resources and means to keep up with rapid knowledge and technological advancements to serve the community and elevate it to the level of advanced societies.

The continuous development of pharmaceutical education was emphasized as a key professional development method to maintain, enhance, and expand knowledge, skills, and behaviors to ensure ongoing professional competence. This leads to positive changes in professional practice and education, improving healthcare outcomes. Continuous pharmaceutical education is a form of organized educational development aimed at updating the pharmacist's knowledge, skills, and capabilities within the healthcare system to serve patients and monitor global advancements in pharmaceutical sciences and practice. The fruitful collaboration with Yarmouk University was highlighted as part of joint efforts to promote the field of pharmacy and enhance healthcare in Jordan. Signing this memorandum is a commitment by the union to enhance ongoing pharmaceutical education, empower pharmacists and pharmacy students with the necessary skills and knowledge to keep pace with medical and health advancements.



The president emphasized the importance of cooperation with Yarmouk University in improving pharmacy practices and enhancing the capabilities of healthcare professionals, contributing to achieving global healthcare standards in the Kingdom. This collaboration includes utilizing both parties' scientific and technological expertise, exchanging technical consultations to enhance healthcare service quality, and deepening the role of pharmacists as an essential part of the national healthcare system.

Dr. Mohamad Ababneh in his turn stressed the union's ongoing commitment to enhance such strategic partnerships, striving to achieve common goals, and improving healthcare by keeping pharmacists and graduates abreast of the latest developments in pharmaceutical sciences.

The memorandum highlighted cooperation in continuous pharmaceutical education, equipping pharmacists and pharmacy students with necessary skills, assisting them in staying updated on profession-related advancements. Furthermore, it outlined collaboration in developing the healthcare sector, particularly pharmacists, towards meeting global requirements in healthcare practices. Additionally, the memorandum emphasized the exchange of specialized expertise available to each party and sharing technical consultations in various fields.

At the memorandum signing, Dr. Musa Rababah and Dr. Samer Samarah, the vice presidents of the university, along with the Dean of the Faculty of Pharmacy, Dr. Fadia Mayyas, and the Assistant Dean of the Faculty of Pharmacy for Training Affairs, Dr. Mohammad Nsair, were in attendance.

Representing the Pharmacists Syndicate at the signing were Dr. Mahdi Al-Ajlouni, the head of the subcommittee in Irbid, and Dr. Nour Barakat, a member of the syndicate's council.



“Yarmouk University and Al-Razi Pharmacy Group Sign a Cooperation Agreement to Provide Training Opportunities for Students and to Renovate the Simulated Pharmacy”

Yarmouk University, represented by its President Professor Islam Massad, and Al-Razi Pharmacies Group, represented by its Director Dr. Khaled Haddad with Dr. Firas Malkawi as his deputy, signed a cooperation agreement aimed at enhancing collaboration between the Faculty of Pharmacy and Al-Razi Pharmacies Group. The agreement aims to provide training opportunities for pharmacy students, conduct awareness and scientific lectures and workshops, and modernize the simulated pharmacy at the Faculty of Pharmacy. Professor Islam Massad stated that this agreement will help students acquire modern skills in field training, enhancing their pharmaceutical education and the consultancy skills needed in the job market. He added that this collaboration will contribute to providing future employment opportunities for students and strengthen Yarmouk University's role in serving the community by training practicing pharmacists in community pharmacies.

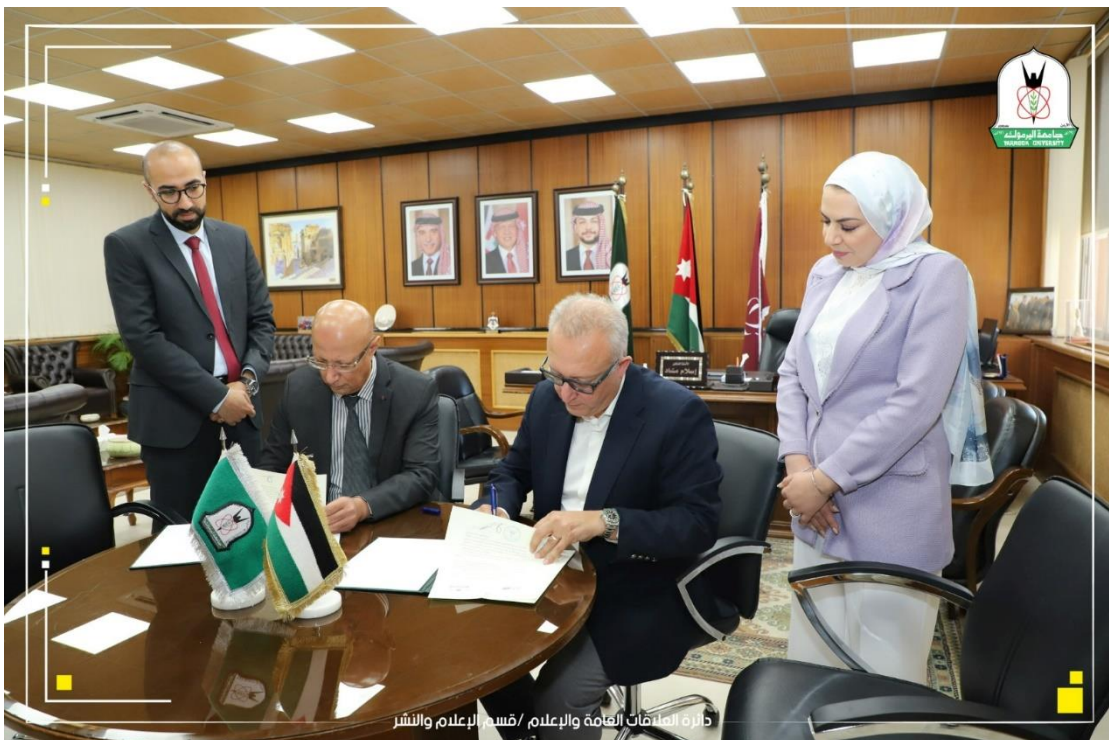
Dr. Firas Malkawi noted that the agreement will enable a number of Yarmouk students to regularly train at Al-Razi Pharmacies according to an intensive program established by the company. It will also include holding regular lectures on various topics in the pharmacy profession, modernizing the virtual pharmacy in a contemporary manner, providing it with a variety of medications, and dedicating a corner for Al-Razi Pharmacies to offer medical consultations.

Dr. Fadia Mayas, Dean of the Faculty of Pharmacy, added that the agreement will help students systematically find pharmacies for training within the Community Pharmacy Training course. She noted that students often face difficulties finding training pharmacies due to the market being overcrowded with a large number of trainee students and the market's inability to accommodate this number. She emphasized that this agreement highlights Yarmouk University's role in serving the community through workshops and lectures on continuous pharmaceutical education and the latest trends in pharmaceutical practice for graduates and practicing pharmacists. Both parties agreed to participate in providing financial, technical, and training support during career and medical days and various activities.





دائرة العلاقات العامة والتعليم / قسم الإعلام والنشر



دائرة العلاقات العامة والتعليم / قسم الإعلام والنشر

"Yarmouk" and "Lebanese American" Universities Sign a Memorandum of Understanding to Enhance Scientific and Research Cooperation in The College of Pharmacy

Yarmouk University and the Lebanese American University in Beirut signed a memorandum of understanding to enhance friendship, understanding, and cooperation in the fields of culture, education, and scientific research for the benefit of faculty members and students in the College of Pharmacy.

The memorandum stipulates the encouragement of systematic exchanges of academic and professional staff and students for purposes of professional, educational, and research training, and participation in study, research, publication, seminars, and other collaborative projects of mutual benefit to contribute to academic and research advancement. These activities include opportunities for exchanging faculty members, researchers, and students to carry out joint research and training activities, in addition to collaboration in research and publication among faculty members, organizing joint professional seminars and conferences, and exchanging materials and data related to education and cooperation to enhance culture and the economy.

University President Dr. Islam Massad emphasized the importance of this cooperation, especially as Yarmouk University seeks to enhance its research capabilities in the field of sustainable development and innovation. He added that through this memorandum with the Lebanese American University in Beirut, we look forward to working together to develop a range of new initiatives that support students and faculty members in the College of Pharmacy and contribute to achieving shared goals for a sustainable future driven by knowledge, research, and cultural exchange.

On his part, President of the Lebanese American University in Beirut Dr. Michel Mawad affirmed that this memorandum aims to strengthen cooperation between the two universities in a way that serves mutual interests for the benefit and development of the two universities in various fields, especially the College of Pharmacy, and to enhance scientific research and academic exchange in all areas. It is worth noting that the Lebanese American University in Beirut is a private independent university registered in New York, affiliated with the State University of New York in the United States, and has a campus in the Lebanese capital, Beirut.



Massad Opens The Scientific Day of The Faculty of Pharmacy Under the Title "Scientific Bridges Between Medical Professions"

The opening of the scientific day for the Faculty of Pharmacy, titled "Scientific Bridges between Medical Professions," was sponsored by Dr. Islam Massad, the President of Yarmouk University. The event was organized by the Joint Education Committee between the medical professions in the faculty, with the participation of faculty members and researchers from the faculties of Pharmacy, Medicine, Nursing, and the Hijawi College of Technological Engineering at the University.

At the beginning of his speech, Massad congratulated the Jordanian people on the issuance of the Royal Decree to hold parliamentary elections next September, emphasizing the importance of this democratic celebration. He highlighted the necessity for us, as Jordanians who love their country, to actively participate in either running for elections or voting to elect qualified representatives capable of effectively representing their electoral districts and advancing national interests with competence and integrity.



Mossad praised the exceptional level of the Pharmacy College, demonstrating its confident and steady progression towards developing its educational and research processes. He emphasized the importance of conducting practical applied research and fostering collaboration among various medical, engineering, computer, and humanities disciplines at the educational and scientific research levels. This includes bridging gaps and linking them with industry to produce scientifically grounded research that addresses societal issues from different and applicable perspectives. He called for enhancing a culture of cooperative work among students and faculty members across different colleges, creating a stimulating educational and research environment that nurtures creativity. He stressed that excellence lies in achieving "quality" in various fields, mandating that University colleges, with their varied departments, strive for leadership, innovation, and quality in their academic plans and programs.

Furthermore, Dr. Fadia Mayyas, the Dean of the Faculty of Pharmacy, stated that the organization of this scientific day is based on Yarmouk University's vision of the importance of cooperation and collaboration between different disciplines to conduct solid scientific research that embodies the interplay and intersection of various sciences in response to the challenges facing societies and the evolving trends in various fields. She also mentioned the formation of a joint education committee between the medical professions, comprising faculty members from the faculties of pharmacy, nursing, medicine, and the Department of Biomedical Informatics Engineering at Al-Hijawi College of Technological Engineering. The committee aims to enhance joint education and scientific research among specializations in medical colleges, facilitate the exchange of expertise and perspectives, build scientific communication bridges between faculty members and students, and ensure the sustainable periodic implementation of educational and research activities to serve the university through discussing opportunities and mechanisms for conducting joint scientific research and exploring the research interests of faculty members.

Mayyas continued: Through this committee, we aim to enhance the roles of students in the medical team and instill a culture of awareness and teamwork among them to prepare them for the job market. We aim to facilitate their work within a full medical team to care for patients, as this has become a national priority, especially during emergencies and crises following the world's experience in the Covid-19 pandemic. This has highlighted the importance of primary, integrated, and collaborative healthcare among all members of the medical staff to provide the necessary healthcare, which was at the forefront in combating the pandemic.

Mayyas emphasized the importance of strengthening collaboration with the Pharmacists Syndicate to elevate pharmaceutical and medicinal services in our beloved country. She noted that a memorandum of understanding will be signed between both parties to ensure continuous pharmaceutical education and training.

The establishment of the pharmaceutical practice laboratory at the college was in line with the changes in the curriculum of the pharmacy college program, aiming to keep pace with global developments in the roles of pharmacists. It also aims to equip students with modern practical skills in pharmaceutical practice and education. The laboratory was designed to facilitate interactive group activities, role-playing, simulation, and exams to provide students with modern skills in pharmaceutical practices.

Dr. Ala'a Yahya, a member of the Joint Education Committee of Medical Professions, presented a proposal highlighting the establishment of the Joint Education Committee of Medical Professions at the beginning of the academic year 2023. The goal is to enhance collaboration between the faculties of Pharmacy, Nursing, Medicine, and the Department of Medical Biomedical Engineering at Al-Hijawi College of Technological Engineering.



Research experiences conducted by faculty members from medical and engineering colleges were reviewed, including a scientific paper study involving a sample of students from the Pharmacy and Medicine colleges. The study aimed to assess their knowledge of pharmacogenomics, describe their usage of various scientific sources to access related information, as well as their aspirations and roles as pharmacists and doctors in incorporating genetic gaps into patients' therapeutic routines.

Dr. Ala'a pointed out that preparations are currently underway for a new research project to utilize computer programs in evaluating the rates of high blood pressure associated with the disease. This will classify patients according to the available drug treatment methods and monitor their progress in therapy.

Additionally, an application has been made for a global grant in which the Faculty of Pharmacy collaborates with the Hijawi College as part of a team comprising researchers from outside Jordan to develop computer programs that serve the educational objectives of the Pharmacogenomics course, enabling the preparation of a joint course between the two colleges.

During the Scientific Day events, the main seminar hall in the college, supported by the Pharmacists Syndicate, was inaugurated. The students' scientific projects exhibition and the pharmaceutical practice laboratory in the college were also showcased.

Certificates of appreciation were presented to the participating researchers in the Scientific Day events, including Dr. Rasmiya Al Omari from the Nursing College, Dr. Mohammed Al Ayasreh and Dr. Osama Abu Al-Rub from the Faculty of Pharmacy, Dr. Asem Abu Qasemiya and Dr. Hiyam Al Qura'an from the Hijawi College of Technological Engineering, and Dr. Fatima Mahasneh from the Medical College.



The Faculty of Pharmacy is Renovates the Seminar Hall with a Support from the Jordanian Pharmacists Association

In its effort to improve the infrastructure and equip the halls with the latest presentation and display means, the Faculty has renovated the seminar hall with new flooring and walls, as well as installing a sound system and air conditioning units. This project was supported by the Jordanian Pharmacists Association.

This support coincides with the memorandum of understanding signed between the Faculty of Pharmacy and the Association to enhance continuous pharmaceutical education and training for students and practicing pharmacists, and to provide mutual services to the local community and the Association, supporting national educational institutions, including Yarmouk University. All thanks to the Pharmacists Association for its pioneering role in improving pharmaceutical services and supporting the Faculty of Pharmacy at Yarmouk University.



The 29th Student Union Elections at Yarmouk University

On Tuesday evening, May 28, 2024, the 29th Student Union elections concluded in all Yarmouk University colleges, including the College of Pharmacy where the voter turnout rate at the college was 47%.

These elections served as a prototype for strengthening Jordan's democratic system while maintaining impartiality towards each candidate. They sought to elect a robust student union council that represents the goals of the student body and collaborates with the administration to carry out initiatives meant to further the advancement of the university.

Finally, we would like to thank the Pharmacy College students for their trustworthiness in representing the college in the Student Union Council:

- 1) Dina Radaideh: Representative of the Faculty of Pharmacy for the Women's Section.
- 2) Mohammed Amawi: Representative of the Faculty of Pharmacy and member of the administrative committee.
- 3) Abdulrahman Zaqout: Representative of the Faculty of Pharmacy

We are confident that they will serve as an inspiration and role model for others to follow in their kindness, commitment to their work, and willingness to take on the duty of representing your coworkers' opinions and achieving their goals. We also express our gratitude to Yarmouk University's administration and everyone who contributed to the successful student union elections, which were conducted in a happy, democratic environment where students utilized their rights in a responsible and mature manner.



Mohammed Amawi



Dina Radaideh



Abdulrahman Zaqout



The College of Pharmacy Organized a Free Medical Day at The Walid Bin Abdulmalek High School for Boys in Collaboration with The Charitable Drug Bank

The Faculty of Pharmacy at Yarmouk University organized a free medical day at Al-Waleed Bin Abdul Malik Secondary School for Boys in Irbid, in collaboration with the Charitable Drug Bank, the national program "Sons of the Kingdom," the Maqari Families Charitable Association, and the Departments of Health and Education in Irbid Governorate. This event was held in celebration of His Majesty King Abdullah II's birthday and the silver jubilee of His Majesty's accession to the throne. The medical day included participation from a specialized team of pharmacists and doctors from various specialties, Al-Thiqa Laboratories, Roya Eye Clinic, the King Hussein Cancer Center, a large number of pharmacy students under the Drug Bank Assistants Program, and representatives from the local community in Irbid. This free medical day was implemented as part of a recent memorandum of understanding between Yarmouk University and the Charitable Drug Bank, aimed at deepening the partnership in executing charitable, humanitarian, and awareness programs and projects that achieve Jordanian pharmaceutical security and enhance the skills of pharmacy students. The services provided during the medical day, which included diagnoses, medical examinations, and the provision of free medications based on approved medical prescriptions, benefited a large number of residents of the Eastern District in Irbid. The medical day featured clinics in internal medicine, gynecology and obstetrics, general medicine, orthopedics, pediatrics, pulmonology, eye examinations, a medical laboratory for measuring blood pressure and sugar levels, and a pharmacy with a wide range of medications. During the opening of the medical day's activities, the Dean of the Faculty of Pharmacy, Dr. Fadia Mayyas, welcomed the entities organizing the free medical day, emphasizing the university's role in serving the local community as part of its social responsibility. Dr. Mayyas noted that holding the medical day in Irbid was in response to the directives of His Majesty the King and the royal vision to activate the role of youth in engaging with the local community and voluntary work, and to provide medications to all citizens, with a focus on the vulnerable and poor groups. She added that the participation of pharmacy students in the medical day allows them to gain practical and field experience by interacting with patients, dispensing medications, and providing pharmaceutical advice on the optimal use of drugs. For his part, the Director General of the Charitable Drug Bank, Dr. Wasfi Al-Nawafleh, mentioned that what distinguishes the free medical days organized by the Drug Bank in various regions of the Kingdom is their association with national and religious occasions that are deeply rooted in the hearts of Jordanians. He added that they represent a part of social responsibility to achieve pharmaceutical security and deliver medications to the most needy areas and those unable to afford treatment costs. Meanwhile, the Director General of the national program "Sons of the Kingdom," Ashraf Al-Kilani, stated that the Drug Bank continues to achieve its goals by organizing free medical days in different regions of the Kingdom, serving the families of the poor and less fortunate





An Educational Awareness Activity Organized By The Pharmacy Training Committee Regarding The Use And Regulation Of Medications During The Blessed Month Of Ramadan

The Dean of the Faculty, Dr. Fadia Mayyas, mentioned that organizing this awareness activity aims to enhance the college's role in serving the university and the community, spreading health awareness in the medical field to protect individuals and society. This is achieved by empowering patients to manage their medications and health conditions.

She added that this activity provides an opportunity to enhance students' skills through practical application and knowledge exchange with the university community. Particularly during the holy month of Ramadan, with its "health considerations" for patients with chronic diseases in terms of medication distribution, multiple doses, and timing closeness, which can be confusing for patients and caregivers. She emphasized that raising health awareness contributes to increasing individual productivity and rationalizing medical expenditure.

Mayyas pointed out that this activity enabled faculty members and students to provide educational and health guidance particularly on the use of common medications for chronic diseases such as diabetes in its various forms, high blood pressure, thyroid diseases, blood thinners, and specific advice for pregnant women during Ramadan.

The activity included an educational lecture delivered by pharmacists Dr. Salam Al-Shanak and Dr. Afaf Khasaone about general guidelines for taking various medications and correcting some misconceptions that could affect fasting during Ramadan.

Additionally, the activity involved students from the college and members of the Training Committee providing health guidance and services including blood pressure and blood sugar measurements to the university community.





The Faculty of Pharmacy Welcomed The Members of The Medical Club at Yarmouk University

The Faculty of Pharmacy welcomed the members of the Medical Club at Yarmouk University in a reception event for club members and medical college students under the auspices of the Student Affairs Deanship. Dr. Zuhair Al-Tahat, the Vice Dean of Student Affairs, congratulated the members of the Medical Club Council and expressed the support of the Student Affairs Deanship and the university presidency for the club in implementing its programs and future plans.

The Dean of Pharmacy, Prof. Fadia Mayyas, welcomed the Dean of Student Affairs and the members of the Medical Club, representing the faculties of pharmacy, medicine, and nursing, which supports the university in implementing its plans and translating its directives to enhance and increase both academic and extracurricular activities in the medical fields.

She invited all students to seize the opportunities and participate in these activities that suit their specializations, gaining them leadership and scientific skills. She also took the opportunity to discuss the student union elections as a real opportunity to practice democracy, participate in decision-making, and shoulder responsibilities, indicating that the new student union instructions provide equal opportunities for voting and candidacy, ensuring fair representation of both male and female students. Mohammed Amawi, the head of the Medical Club from the Faculty of Pharmacy, expressed thanks and welcomed the students, presenting the club's annual plan and interactive activities, along with a speech in support of our people in Gaza by the student Roa'a Hawamdeh from the Faculty of Pharmacy.



The Faculty of Pharmacy Meets to Mark The Beginning of The Second Semester of The Academic Year

The Faculty of Pharmacy gathered to mark the beginning of the second semester of the academic year. During the meeting, Mrs. Iman Al-Sayed was honored and congratulated on the conclusion of her remarkable 30-year service at Yarmouk University, including five years with the Faculty of Pharmacy.



Faculty Workshops

A Workshop Regarding 2021 Curriculum Modifications

An introductory workshop was held at the Faculty of Pharmacy for students regarding the modifications made to the 2021 curriculum and training instructions in the presence of the college dean and several faculty members.

The college dean, Dr. Fadia Mayyas, welcomed the students, wishing them success. She indicated that the primary goal of the current modifications approved in the curriculum and training is to facilitate the implementation of the plan, student registration, and improve the program quality. She also encouraged students to participate in the upcoming student elections, emphasizing that elections are an opportunity to practice democracy, represent students in meeting their aspirations, support the university in implementing activities, stressing the importance of active and honest participation for the success of the experience and achieving the interests of the college and the university.

In turn, the vice-dean and curriculum committee chair, Dr. Bilal Al-Jaidi, highlighted the key modifications made to the current curriculum and their objectives. Assistant Dean for Academic Affairs and Training, Dr. Mohammed Nasir, explained the latest updates on field training instructions.

Finally, Dr. Ali Hmaidat, assistant dean for student affairs, presented the student union instructions recently approved by Yarmouk University in preparation for the upcoming student elections, encouraging students to participate in the electoral process and choose their representatives in a democratic atmosphere filled with respect and acceptance of differing opinions.



A Workshop on "Cell Transplant Techniques"

The second training course on cell culture techniques was inaugurated at the Faculty of Pharmacy- Yarmouk University, in the presence of the Director of the Queen Rania Center for Jordanian Studies and Community Service, the Dean of the Faculty of Pharmacy, the course trainer and Assistant Dean of the Faculty of Pharmacy, Dr. Ali Hamidat. This course is one of the specialized and high-quality training programs designed to provide participants with foundational skills and advanced techniques in cell culture. Participants learnt some research basics and conduct experiments under the supervision of Dr. Ali Hamidat. Professor Dr. Abdul Basit Othmanah praised the efforts of the faculty and those organizing this course, expressing his hope that this training program will pave the way for future training courses in various fields. Dean Professor Dr. Fadia Mayyas also commended the efforts of Dr. Hamidat, the course designer and supervisor, and welcomed the participants. She highlighted the importance of such courses in expanding the knowledge of participants in various fields. It is



How to Market Yourself in The Job Market?

The Faculty of Pharmacy, in collaboration with the Pioneers Academy for Consultations and Training, organized a workshop titled "How to Market Yourself in the Job Market." The workshop was presented by Mr. Ayman Al-Laham, the Public Relations Director at the company, and Mr. Ahmed Saad, in coordination with the academy's ambassadors, the student Hala Mas'ad and the student Sondus Rababaih.

During the workshop, the necessary methods and skills for marketing oneself in the job market were presented by focusing on strengths and developing weaknesses to present oneself to others and promote a particular idea or product. The workshop also explained how to create a personal website and generate digital content away from social media platforms. Additionally, the participants were introduced to the academy's free training programs and distributed QR codes for utilization. A wide discussion took place with the students on how to apply the necessary skills to market graduates in the job market.

HOW TO MARKET YOURSELF

FREE Workshop

MON 4/3/2024
11:30AM - 1:30PM

College of Pharmacy
Conference Hall

A Symposium at The College of Pharmacy Highlights The Importance of Field Training for Students

The Student Activities, Affairs and Guidance Committee at the College of Pharmacy, held a symposium on "Field Pharmaceutical Training" presented by Dr. Bilal Al-Jaidi, vice-Dean of the College.

The symposium discussed the conditions for starting training in pharmacies and how to register with the Pharmacists Syndicate, while reviewing the differences between the old and new training plans. Dr. Al-Jaidi also provided advice on dealing with medications and overcoming the obstacles that students face.

In conclusion, Dr. Al-Jaidi advised the students to start training early to enhance their scientific capabilities and develop their skills in providing pharmaceutical advice.



Search Using Electronic Resources

The Faculty of Pharmacy, held a scientific workshop entitled "Search Using Electronic Resources." Dr. Ghinaa Abu Dhiab provided a detailed explanation about the types of electronic sources and how to search using them.

Interactive Workshop on Pharmacology Information Resources Empowers Pharmacy Students at The Faculty of Pharmacy

In May 2024, an interactive workshop was held at the computer lab at the Faculty of Pharmacy and aimed at enhancing the research skills of pharmacy students, an interactive workshop on online resources of pharmacology information was conducted at the Faculty of Pharmacy. The workshop, led by Dr. Alaa Yehya from the faculty of pharmacy at YU, focused on equipping students with the necessary tools to effectively search for and summarize pharmacological information related to medications. Pharmacology, being a core course for pharmacists, presents a vast array of information that students sometimes struggle to retain due to its complexity and depth. Recognizing this challenge, Dr. Yehya's workshop aimed to provide students with practical strategies for navigating and comprehending pharmacological data effectively. In addition, the session emphasized the importance of staying updated with the latest information in the field of pharmacology. To ensure the practical application of the workshop content, students were provided with hands-on training in the computer lab.



This hands-on approach allowed students to immediately apply the search techniques and information analysis methods discussed during the workshop, reinforcing their understanding and skills in utilizing online pharmacology resources.

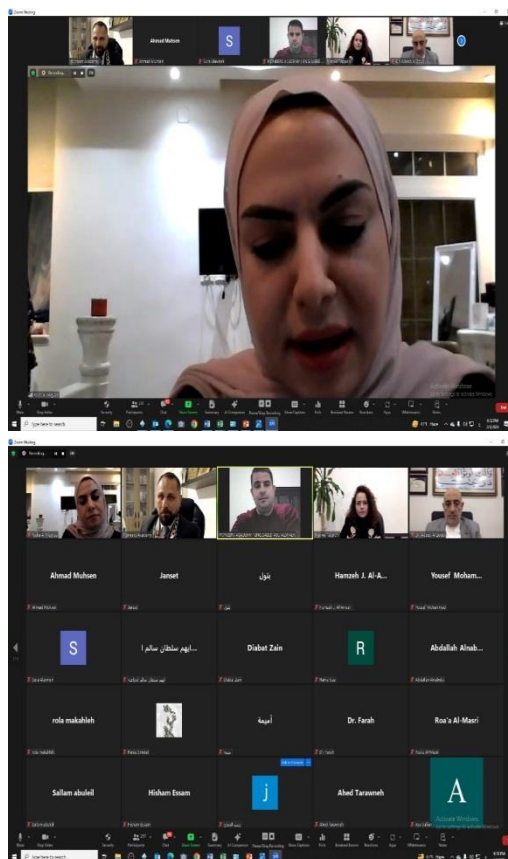
The Dean of The Faculty of Pharmacy Participates in The Precision Medicine Workshop

Professor Fadia Mayyas, Dean of the College of Pharmacy, participated in a workshop via the Zoom platform, which included a group of researchers and students from various scientific research centers in Jordan. The workshop was titled "Precision Medicine: A Modern Approach to Diagnosing and Treating Diseases."

Dr. Mayyas highlighted the importance of scientific research in this modern approach to diagnosing and treating diseases, especially after the COVID-19 pandemic. She emphasized the importance of resorting to new, modern techniques that rely on studying genes and stem cells and their role in diagnosing and treating diseases, particularly epidemics, cancer, heart diseases, and diabetes.

She also highlighted the significance of using these techniques in designing vaccine, which was the first line of defense against the COVID-19 pandemic.

Additionally, she discussed the importance of such workshops for students and graduates in providing them with various skills and modern theoretical knowledge that help expand their horizons and job opportunities in the labor market. Among the participants in this workshop was Dr. Adeb Al-Zoubi, and it was organized by Pioneers Academy. The workshop was attended by more than 500 students and graduates from various medical and pharmacy colleges in different Jordanian universities.



The Closing Ceremony for The Second Training Course on Cell Transplant Techniques

The second round of Cell Culture Technology at the Faculty of Pharmacy at Yarmouk University concluded successfully on Thursday, February 20, 2024. The closing ceremony was attended by Dr. Fadia Mayyas, Dean of the Faculty of Pharmacy, Dr. Abdel Basit Athamneh, Director of Queen Rania Center, and Dr. Ali Hmeidat, the course trainer and student affairs assistant dean.

The participants showed great enthusiasm during the course, learning the basics of handling and preserving natural and cancer cells in the Cells and Tissues Lab at the Faculty of Pharmacy. The program included lectures, videos, and practical sessions held in the college halls and the cell culture lab. Participants conducted lab experiments under the supervision of Dr. Hmeidat and trainer Sondos Al-tahat.

At the course's conclusion, certificates were distributed to the 10 participants, with Dr. Mayyas thanking Queen Rania Center for their efforts, praising Dr. Hmeidat's organization of the course, and emphasizing the importance of such training. Dr. Athamneh also expressed gratitude to the Faculty of Pharmacy for their cooperation. It is worth noting that this course is accredited by the Ministry of Higher Education and equates to 30 training hours.



Lecture About Ramadan and its Importance

Under the patronage of the Dean of the Faculty of Pharmacy, Professor Fadia Mayyas, the college hosted Dr. Hanan Al-Badur from the Faculty of Sharia at Yarmouk University, where she delivered a lecture titled "Once in a Lifetime". Dr. Al-Badur discussed the virtues of the month of Ramadan and its importance as an opportunity to get closer to God, reflect on oneself, and utilize time wisely during this holy month.



University Proficiency Exam Workshop

The Accreditation and Quality Assurance Centre held an orientation meeting for the students of the College of Pharmacy who are expected to graduate in the second semester and the summer semester of the academic year 2023/2024. The meeting aimed to introduce the university proficiency exam.

Dr. Razan Mhaidat emphasized the exam's importance for future employment and the significance of taking it within the specified times to obtain the university degree. On the other hand, Dr. Rasha Dabour presented the general and specialized cognitive competencies covered in the exam, the preparation and handling process. The exam aims to assess the competencies required of graduates to meet the demands of the job market. The Assistant Dean for Quality Assurance in the Pharmacy College, Dr. Asel Rataan, and Dr. Bilal Al Ja'idi, the Faculty's Vice Dean, confirmed that review lectures conducted by faculty members will be held in preparation for the proficiency exam, and the College will hold a mock exam for its students.



Continuing Pharmacy Education in Clinical Pharmacy and Pharmaceutical Practice

The Faculty of Pharmacy held its first lectures in continuing pharmacy education in clinical pharmacy and pharmaceutical practice directed towards faculty members to enhance the available resources in clinical care and pharmaceutical practice, keeping up with global advancements, introducing new trends and innovations in disease treatment through regular reviews of the latest global guidelines and policies for treating various diseases in preparation for introducing pharmaceutical practice labs, clinical courses, and clinical training in the new pharmacy plan for 2021. The Dean of the College, Professor Fadia Mayyas, presented the first of these lectures to review the latest principles and global policies followed in treating hypertension and heart failure.



Opening of an Educational Event at Yarmouk Entitled "Women and Health"

Dr. Mervat Al-Sous from the Department of Pharmacy Practice at the Faculty of Pharmacy participated in the educational event "Women and Health" organized by the Princess Basma Centre for Jordanian Studies in collaboration with the Jordanian Women's Union.

The discussion revolved around the concept of "menopausal transition," previously known as menopause in women, and the importance of estrogen hormone in women, which helps prevent heart attacks, strokes, high blood pressure, high cholesterol levels, and osteoporosis, explaining that a decrease in estrogen levels increases the risk of developing these diseases.

It also highlighted the types of estrogen and how to take it, indicating the duration of alternative hormone therapy where most individuals take hormone replacement therapy for five years or less with continued monitoring by a doctor and reassessment of the treatment plan. She emphasized that if a new medical condition develops during hormone replacement therapy, a doctor should be consulted to discuss whether continuing hormone replacement therapy is still safe.

The benefits of hormone replacement therapy during the menopausal transition phase were discussed, such as reducing hot flashes, night sweats, strengthening and protecting bones from fractures, aiding in protection against diabetes, and reducing the risk of heart disease if hormone replacement therapy is started within 10 years of the onset of menopause. Side effects were mentioned, like headaches, and contraindications such as having uterine cancer or blood clots.

The risks of hormone replacement therapy during menopausal transition were reviewed, including blood clots, uterine cancer, and breast cancer, stressing the importance of following a set of general treatment guidelines like maintaining a healthy and balanced diet, regular exercise, and cognitive-behavioral therapy.



On The Occasion of International Women's Day

On the occasion of International Women's Day, a group of faculty members at the Faculty of Pharmacy at Yarmouk University presented educational lectures for the local community, addressing female students in various schools.

Among these lectures: a session entitled "Adolescence in Girls and Proper Handling of this Stage", coordinated in collaboration with the Model School and presented by Dr. Mariam Al Ameri to the school's female students, highlighting the importance of understanding the stage of adolescence for girls and how to handle it correctly.

Another lecture covered "Pharmaceutical Forms of Medicines and the Reasons for their Differences", delivered by Dr. Hadiea Mashaqbeh to the female students of the Model Yarmouk School, focusing on the available pharmaceutical forms and their importance in pharmaceutical practice and patterns of use.

A lecture on "Colds and Allergy Medications" was presented by Dr. Alaa Makhaimer to the female students of the Model School, shedding light on medications related to cold and allergy problems, and how to deal with them. Furthermore, a session on "Adolescence in Girls" was coordinated by both Dr. Mariam Al Ameri and Dr. Deniz Al-Tawalbeh at the Maison School to educate the students about adolescence, the changes that occur during this stage, and how to deal with them in this age group.

The lectures received great acclaim from the students in the schools, reflecting the significant importance of these awareness initiatives in educating the community about various health issues, especially for teenage girls.



A Workshop on Item Analysis (Difficulty and Discrimination Index) in Test Assessment

The Faculty of Pharmacy at Yarmouk University conducted a specialized training workshop focused on item analysis as a tool for test outcomes assessment. The purpose of the workshop was to improve the academic staff's ability to evaluate the quality and performance of test items.

Dean Dr. Fadia Mayyas opened the session by highlighting the importance of utilizing these tools in questions assessment. Following this, Assistant Dean of Accreditation and Quality Assurance, Dr. Aseel Rataan, along with Dr. Yazan Akkam, on the difficulty index and discrimination index, as well as strategies for addressing various issues that arise after the exam based on student responses. They also explained how item analysis can aid in crafting better exams and pinpointing areas for improvement.

Additionally, academic staff has learned how to analyze different aspects of test items, such as difficulty and discrimination indices, and was given guidelines on handling highly difficult or negatively discriminative questions. The aim was to ensure each test item effectively measures the intended knowledge or skills, contributing to reliable and valid assessment outcomes. Through numerous examples, attendees gained hands-on experience with item analysis techniques and tools and were equipped with the knowledge and skills necessary to refine their assessments, leading to more accurate evaluations of student learning.



Faculty on Media



[First Ramadan Iftar of The Faculty of Pharmacy at Yarmouk University - Dr. Fadia Mayyas /The Dean of the Faculty of Pharmacy](#)



[Alternative Medications and Incorrect Behaviors in The Improper Use of Drugs / Dr. Yazan Al-Akam](#)



["The Scientific Day" Bridges Between Medical Professions at The Faculty of Pharmacy"/Prof. Fadia Mayyas](#)



[Achievements of King Abdullah II in The Pharmacy Sector During the Silver Jubilee/Prof. Fadia Mayyas](#)



[The Physical and Psychological Effects of Sadness / Student Muhammad Al-Rifai From The College of Pharmacy](#)



[Pharmacy Practice Lab opening](#)



[The Opening of The Graduates' Records for The Expected Graduates for The Current Academic Year.](#)



[Independence Day of The Kingdom, Seventy-Eighth.](#)



[Student Union Elections at The Faculty of Pharmacy, Yarmouk University](#)



[Student Union Elections at The Faculty of Pharmacy, Yarmouk University](#)



[A Field Visit to The Al-Hikma Pharmaceuticals Factory.](#)



[World Autism Day](#)



[Cell Culture Training Course](#)



[Best Short Introductory Video About The College of Pharmacy.](#)



[Student Mohammed Al-Rifai, Participates Through Yarmouk FM Radio Station, Discussing The Physical and Psychological Effects of Grief and The Complications Arise From it.](#)



Faculty Members on Conference



[Knowledge and Awareness About Human Papillomavirus Infection and its Vaccination Among Women in Arab Communities By Prof. Mervat Alsous/ Hashemite University](#)



[Pharmacogenetics Innovation By Dr. Alaa Yehya at The First International Conference on Universities and Artificial Intelligence Technology/ Amman, Jordan](#)



[Hyaluronic Acid Based Metal Ionic Cross-Linked IPNs as Injectable Hydrogels for Sustained Chemotherapeutic Drug Delivery By Dr. Hadeia Mashaqbeh / Hashemite University](#)



[Transforming Growth Factor-β1 as a Potential Therapeutic Target of Methylselenic Acid/ Seleno-1-Methionine in Clear Cell Renal Cell Carcinoma By Dr. Aseel Rataan/ Hashemite University](#)

Success Stories

Dr. Ala'a Aljabali as a Fellow of the RCS

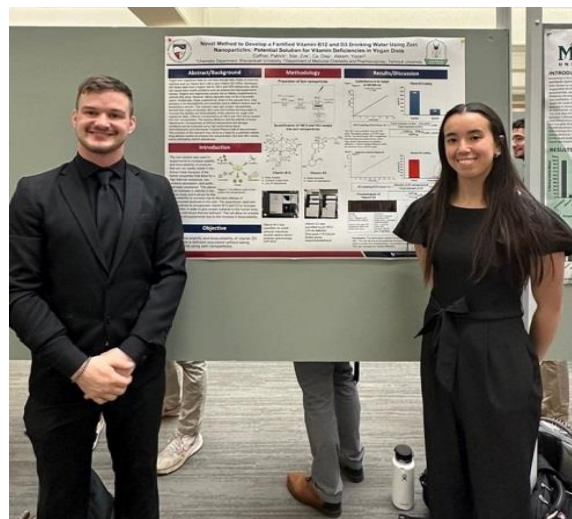
Prof. Ala'a Al-Jabali has been chosen as a Fellow of the Royal Society of Chemistry (RCS). This honor highlights his exceptional contributions to transdisciplinary research in the chemical sciences and highlights his excellence and inventiveness. It is important to remember that the Royal Society of Chemistry, which was founded in 1841, is the biggest organization in Europe dedicated to the growth of chemical sciences and provides governments with recommendations on scientific policy.



The American University of Shinando Recieved a Visit by Dr. Yazan Akkam

Dr. Yazan Al-Akam, from the Department of Medicinal Chemistry and Pharmacognosy visited the American University of Shinando. During his visit, Dr. Al-Akam gave a series of lectures and scientific workshops on pharmaceutical science and research, which were well received and interacted.

This visit is part of the agreement between Yarmouk University and the American University of Shinando, which aims to promote cultural and scientific exchanges between the two universities. Within the framework of international cooperation and knowledge exchange between Yarmouk University and Shenandoah University in Virginia, and through the Collaborative Online International Learning (COIL) program, the student project by Bartek Kowron from Shenandoah University has been awarded three prestigious prizes. These awards include the American Chemical Society/Virginia award for outstanding achievement in Chemistry, Shenandoah University Research Expo award for the graduation project, and the Alpha Chi award for experimental projects by university students. The project was supervised by Dr. Yazan Akkam from the Faculty of Pharmacy at Yarmouk University and Prof. Kadeep from Shenandoah University. The project was titled "A New Approach to Enhancing Vitamin B12 and D3 Fortification in Drinking Water Using Zinc Nanoparticles: A Potential Solution to Vitamin Deficiencies in Plant-Based Diets".



Dr. Deniz Al-Tawalbeh was Awarded a Scholarship by The DAAD in Germany

Dr. Deniz Al-Tawalbeh gained a scholarship from the German Academic Exchange Service (DAAD) under the program of Taziz to continue her research at Philipps Marburg University in Germany.

This DAAD grant is awarded to young scientists and academics wishing to carry out research in Germany for up to 3 months. She will work on her project at the Pharmaceutical Chemistry Institute, to explore novel natural combination therapies for treating methicillin-resistant *Staphylococcus aureus* (MRSA).



Faculty of Pharmacy Visits The University of Nebraska Medical Center

Dr. Alaa Yehya, Associate Professor of Pharmacology, and Dr. Ali Hmeidat, Assistant Professor of Biotechnology from the faculty of Pharmacy at Yarmouk University, visited the University of Nebraska Medical Center (UNMC) in the US as part of the "Partnership Development" grant that the American Embassy in Amman and Fulbright funded. Dr. Chris Shaffer, of the Faculty of Pharmacy at UNMC, welcomed the visitors and encouraged them to explore opportunities for collaboration. The Office of International Relations at UNMC held discussions during the visit to explore further opportunities for partnership and exchange programs between the two institutions. The focus was on fostering collaborations that benefit Yarmouk University and UNMC faculty and students.

The visit also included a tour of the I Excel Center, a cutting-edge facility that leverages virtual reality for innovative learning platforms. Additionally, Yarmouk University faculty members had the opportunity to meet students from UNMC's Faculty of Pharmacy who had previously participated in a joint class on pharmacogenomics with their counterparts at Yarmouk University.

The discussions during the visit centered around identifying common research interests and exploring potential avenues for collaborative research projects. The visit served as a platform to strengthen ties between Yarmouk University and UNMC, paving the way for future collaborations and knowledge exchange in the fields of healthcare and academia.



Faculty Promotion, Appointment and Membership

Faculty of Pharmacy Congratulates the Promoted Faculty Members in this Academic year 2023 - 2024

To Full Professor



Prof. OSAMA ABU AL-RUB
Clinical Pharmacy and Pharmacy Practice,
Pharmacy Faculty

To Associate Professor



Dr. RAWAN ALSHAREDEH
Pharmaceutics and Pharmaceutical
Technology, Pharmacy Faculty



Faculty of Pharmacy congratulates Dr. Aseel Rataan for being appointed as Dean Assistant for Accreditation and Quality Control.



Faculty of Pharmacy congratulates Dr. Mohammad Nusair for being Appointed as Dean Assistant for Academic Affairs and Experiential Education



Congratulations to Dr. Gaina'a Abu Deiab for being appointed as the head of Cooperation and Partnerships Section of the Leadership and Innovation Centre.

New Faculty Members

Dr. Aseel Rataan



Dr. Aseel Rataan has recently earned a Doctor of Philosophy (Ph.D.) in Clinical Pharmaceutical Science from the University of Iowa, USA, where she conducted research in Professor Aliasger Salem's lab. After this distinguished academic achievement, she was appointed as an Assistant Professor in the Department of Clinical Pharmacy and Pharmacy Practice and as Assistant Dean for Accreditation and Quality Assurance at the Faculty of Pharmacy, Yarmouk University. With a solid background in Clinical Pharmaceutical Sciences and a dedication to research and education, Dr. Rataan brings a wealth of experience and expertise to the department. Dr. Rataan completed her undergraduate degree in pharmacy at Jordan University of Science and Technology in 2012 and earned her master's degree in clinical pharmacy from the same institution in 2014, focusing on the combination of simvastatin and temozolomide to induce apoptosis in colorectal cancer. She has worked as a staff pharmacist at King Hussein Cancer Center and Foundation, a lab instructor at Yarmouk University, and a lecturer at Jordan University of Science and Technology, where she trained PharmD and clinical pharmacy master's students.

At the University of Iowa, Dr. Rataan participated in various conferences and retreats, including the PSET retreat, CBB conference, PGRSM conference, and AAPS, where she presented her work through oral talks or posters. Her research focuses on exploring resistance mechanisms targeted by various selenium compounds to augment the effectiveness of standard-of-care therapies in treating cancers. Dr. Rataan is keen to initiate new research projects and partner with other experts in her field. She is also focused on establishing her own laboratory at the Faculty of Pharmacy to embark on her research activities.

Medical Articles By Students



[Written by the student Muhammad Zyott under the supervision of Dr. Gina'a Abu Deiab](#)



[Written by student Hiba Khasawneh under the supervision of Dr. Islam Bardaweel](#)



[Written by the students Israa Shadad and Roaa Al-Lubani, under the supervision of Dr. Osama Abu Al-Rub.](#)

Student Activities

The Faculty of Pharmacy Introduced Industrial Training in The Curriculum

In line with the strategic plan of the Faculty of Pharmacy to update and develop the curriculum, enhance field training, train students, and prepare them in the field of industry to improve the program's outcomes and quality and enhance competitiveness in the job market, industrial training has been localized in the Technology 2 course to be available to all pharmacy students to visit pharmaceutical factories. The Faculty of Pharmacy at Yarmouk University has organized more than 11 field visits to Dar Al Dawa, Al Hikma, MS Pharma and API pharmaceutical factories during the current semester to accommodate all students registered for the course.

These visits aim to familiarize students with the most important pharmaceutical factories, their different departments, machinery and equipment, work mechanisms, and stages of the pharmaceutical industry. These visits are considered a valuable addition to the curriculum, as they provide students with the opportunity to engage in practical work and apply theoretical concepts to real-life situations, thereby enhancing the quality of the educational process. All visits included lectures on the company's departments and manufacturing processes, as well as a lecture on pharmacovigilance and interactive activities for students, and a tour inside the manufacturing facilities. Each student is required to write a report on the visit, which is evaluated by the course instructor.



All visits were characterized by a high level of organization and interaction, contributing to achieving the desired goals. This visits were met with great enthusiasm by the students, as they showed their excitement and encouragement for this type of training that connects the theoretical aspect with the practical aspect.



Yarmouk Pharmacy Launches a Campaign Named “Your Awareness Protects You”

In line with Yarmouk University’s vision and strategic plan to enhance the community partnerships and within the initiatives of the Faculty of Pharmacy to serve the local community. The faculty organized an awareness school campaign entitled “Your Awareness Protects You” at Edison Model School in Irbid. The campaign was supervised by Dr. Ghina’a Abu Deiab from the Department of Medicinal Chemistry and Phytochemistry, with the participation of a group of faculty members and fifth-year students.

The campaign included awareness-raising among high school students at Edison School about commonly used medications, that include painkillers, stimulants, and hypnotics. The campaign started with a lecture given by Dr. Ghina’a Abu Deiab on how to deal with common medications, their use, side effects, and risks. The school students were educated about the culture of searching for the optimal use of the medicines and the use of safe herbal alternatives. The doctor also explained how to read the internal medicinal leaflet and its sections to know about the appropriate doses according to different age groups and special medical conditions.

The campaign also included workshops and discussions by the faculty students about the groups of medications such as ibuprofen, caffeine, nicotine, and others. During which the school students learned about the reasons for using common medications, their harms, safe alternatives, and how to reduce them at this age stage through pictures and discussions.

The participation of Faculty of Pharmacy students in this campaign was a unique practical experience as community awareness about medicines.



A Trip to Royal Botanical Garden in Tal Al-Ruman

The College of Pharmacy at Yarmouk University organized a scientific trip to the Royal Botanical Garden in Tal AL-Ruman under the supervision of Dr. Deniz Al-Tawalbeh.

At the outset, Dr. Hatem Tayfour, Director of the Plant Conservation, explained to students about medicinal plants and their medical uses, and then engineer Hanan Al-Mfadi, head of the Medical Grass Department, provided information about the Plant Museum and ways to conserve and store plants.

During the field tour of the garden, students picked and punched various medicinal plants for drying and storage to be later kept at the herbarium in the College of Pharmacy.



World Autism Day

On the occasion of World Autism Day, and under the coordination of students Leen Shalakhty and Hadeel Shraim, the College of Pharmacy at Yarmouk University, under the supervision of Dr. Deniz Al-Tawalbeh, organized a humanitarian initiative to visit children with autism at the Wasan Specialised Centre for Autism and Special Education. The initiative included a number of activities that brought joy to the children's hearts and increased awareness among students about this condition. The centre's director, Mrs. Alia Khasawneh, gave a brief speech about the disease, its diagnosis, management techniques, and ways to integrate these children into the local community.



Empowering Female Pharmacy Students: Leading the Awareness Campaign on World Cancer Day

Outstanding participation by female students from the Faculty of Pharmacy in the awareness campaign for Yarmouk University students on the occasion of World Cancer Day, held at the Student Affairs Deanship in collaboration with the Hussein Cancer Foundation. The event included raising awareness about cancer, its types, prevention methods, and available treatments through informative visuals, along with learning about the colors and logos of different types of cancers.



Health Awareness Campaign Promoting Healthy Habits at Ramadan

The students of the Faculty of Pharmacy at Yarmouk University organized a health awareness campaign for the students of Al-Bab Al-Aali School in Irbid in cooperation with the medical club. They presented a variety of informative guidelines related to healthy eating habits, personal hygiene, and the harms of smoking in its various forms during Ramadan. Interactive lectures and awareness pamphlets were well-received by the students, who actively participated in the activity.



The First Ramadan Iftar for The College of Pharmacy Students

On a special and blessed day of commemoration, amidst a wonderful Ramadan atmosphere, the College of Pharmacy at Yarmouk University organized the first Ramadan Iftar for the college students under the auspices of the Dean of the College, Professor Fadia Mayyas, along with several faculty and administrative staff members. The event was attended by 150 students. The Iftar began with a lecture on the virtues of the last ten days of Ramadan delivered by Dr. Ma'amoun Al-Shamali. The Dean welcomed all attendees, emphasizing the importance of such gatherings in enhancing communication among students, their peers, and educators from the faculty. She expressed gratitude to the participating students in the organization from the Pharmacure team and the Student Activities team for their fantastic efforts. The Iftar included various activities and competitions in which students participated, and prizes were distributed to the winners.



The College of Pharmacy Announces Winners for Best Introductory Video Award of The Faculty of Pharmacy

The College of Pharmacy is delighted to announce the winning group for the best short introductory video about the College:

- 1) Lara Al-Hatimi.
- 2) Tathkar Al-Mumani.
- 3) Celine Jiddak.

Special thanks to Mr. Ahmed Antar from the E-Learning Center for his assistance with video editing. We are proud of the creativity and exceptional skills of our College of Pharmacy students.

[Click the LOGO to View the Video](#)



Pharmacology and Therapeutics Competition

A team of distinguished pharmacy students from Yarmouk University participated in the first competition in the field of pharmacology and therapeutics among pharmacy colleges in Jordan, held at Al-Zarqa University. The team was able to achieve advanced positions and reach the semi-finals. Congratulations to the participating students: Bushra Al-Sinawi, Majd Al-Basoul, and Zaid Ababneh. We also appreciate the efforts of the supervising faculty committee members, including Dr. Alaa Yahya, Dr. Maryam Al-Amri, and Dr. Islam Bardaweel.



Congratulations to Student Mohannad Akef Al-Lubani

Congratulations to the student Mohannad Akef Al-Lubani from the Faculty of Pharmacy for achieving first place, in the third level of the Holy Quran memorization competition at Yarmouk University.



Congratulations to Student Abdullah Firas Shatnaw

Congratulations to student Abdullah Firas Shatnawi from the Faculty of Pharmacy at Yarmouk University (Class of 2021) for winning the gold medal for our national team in the Taekwondo Championship in the men's category.



Royal Invitation: Pharmacy Student Joins Crown Princes' Ramadan Iftar

A generous invitation from His Royal Highness Prince Hussein, the Crown Prince. Student Sewar Al-Qawsmi, a fifth-year student at the Faculty of Pharmacy at Yarmouk University, participated in the Ramadan Iftar banquet hosted by His Royal Highness at the Husseinia Palace for the third group of young men and women of the Hussein Steps program. This program is dedicated to building young leadership and motivating youth to serve the community. It is noteworthy that student Sewar is a member of the program and the only participant from Yarmouk University.



College Clash: Pharmacy vs Arts

The football match between The College of Pharmacy team and the College of Arts team, in the presence of the college dean, vice dean, assistant deans, and a number of staff and students.



PhD Study Abroad Students



Leen Suhail Magarbeh

Pharmacology

**University of Toronto,
CA**



Amani Al-Oaisi

Clinical Pharmacology

University of Iowa, USA



Sumayya Muhammad Abu Loha

Pharmaceutical economics

**University of Florida,
USA**



Esra'a Taiseer Ibrahim

Pharmaceutical Technology

**University of Strathclyde,
UK**



Amal Bawaneh

Biochemistry

**The University of
Manchester, UK**



Rasha Bashatwah

Pharmacognosy and
Phytochemistry

**University of Illinois,
USA**

Alumni

Reham Gharaibeh

Reham Gharaibeh holds a degree from Yarmouk University's Faculty of Pharmacy and a diploma in political science from Rushd Virtual University. Her diverse expertise spans media, entrepreneurship, science, and politics.

Her career commenced as the producer of the "The Clinic and the Child" program on Yarmouk FM, where she played a crucial role in promoting health awareness. Reham's entrepreneurial spirit led her to serve as the Campus Director for the Hult Prize at Yarmouk University, overseeing around 30 startup initiatives, highlighting her dedication to fostering innovative ideas.

Moreover, Reham is a youth representative in the 21 Youth Council associated with the We Rise for Sustainable Development Center, actively contributing to community, political, and youth engagement efforts. She also participates in ISO-P, an organization dedicated to advancing pharmacovigilance, reflecting her keen interest in scientific research and public health.

In her research endeavors, Reham has co-authored four papers published in the prestigious International Journal of Surgery alongside an international team, published with an impact factor of 15.5. This underscores her commitment to rigorous scientific inquiry and international collaboration.



Mohammad Rabee

Mohammad Rabee, an alumnus of the School of Pharmacy at Yarmouk University. I completed my BSc in Pharmacy in 2019 at the School of Pharmacy at Yarmouk University, laying a strong foundation in pharmaceutical sciences. In 2020, I began my PhD studies at the School of Pharmacy at Queen's University Belfast, UK, and in 2024, I was awarded my PhD in Pharmaceutical Sciences. Currently, I hold the position of Assistant Professor in the School of Pharmacy at Jerash University, where I am dedicated to fostering academic excellence and spearheading innovative research in the field of pharmacy. My career reflects a deep commitment to advancing the pharmaceutical profession and nurturing future leaders in the discipline.



Bayan Hijazi

Bayan Hijazi, a 2018 graduate with a Pharmacy degree from Yarmouk University, has been working as a Research Data Analyst at Johns Hopkins University since 2023. Her journey into research began during her pharmacy studies in 2013, where she engaged in a research project that ignited her academic interests. This initiative led to a published paper and conference presentation.

In 2023, Bayan completed her doctoral studies in pharmaceutical science specializing in Social and Administrative Pharmacy at Nova Southeastern University in Florida, USA. Her doctoral dissertation focused on the Patterns and Factors Associated with SSRI Medication Adherence Using Pharmacy Claims Data. Throughout her PhD, Bayan underwent rigorous academic training, including advanced coursework, teaching assistantship, a qualifying exam, and extensive research and assistantship roles. She presented posters and presentations at conferences, further enriching her academic portfolio.

During her doctoral research, Bayan developed a keen interest in data analysis, which she continues to leverage in her current role as a research data analyst. At Johns Hopkins University, she applies her pharmacy background, research expertise, and data analysis skills to lead pharmacy-related projects and contribute to various public health initiatives.



Nesreen Na'fash

My name is Nesreen Ziad Na'fash I am 24 years old. I graduated from the Faculty of Pharmacy at Yarmouk University in 2023 with an excellent GPA of 85.7%.

I immediately started working at Al-Ram Pharmaceutical Industries as a regulatory affairs & pharmacovigilance officer. I am interested to pursuing a master degree in the near future.

I advise students to pay close attention to all the details during their studies, as any of these can be helpful in their future careers.



Graduation Celebration

The Faculty of Pharmacy Holds an Oath Ceremony for Students Expected to Graduate this Academic Year

The Faculty of Pharmacy held an oath-taking ceremony for students expected to graduate in the first, second, and summer semesters of the academic year 2023-2024. This marks the seventh batch of graduating students since the Faculty was established in 2013. More than 200 students expected to graduate attended the ceremony, which began with recitations from the Holy Quran, followed by a speech from the Dean of the Faculty of Pharmacy, Professor Fadia Mayyas.

Dr. Mayyas congratulated the students on their graduation and praised their great and continuous efforts to reach this stage and overcome the challenges of graduation. Professor Fadia Mayyas also extended her congratulations and thanks to the faculty and administrative members and the students' families for their ongoing efforts to support these students.

She considered this graduation a success not only for the students but also for their families and the faculty members. She urged the students to continue their perseverance and hard work, not to give in to despair or frustration, but to enter the job market with positivity and optimism, as it is competitive and only accommodates those who are distinguished and ambitious. She encouraged them to serve patients with high ethics and to serve the community in our beloved Jordan. At the end of the ceremony, Ro'a Hawamdeh, the students' representative delivered a speech, followed by the opening of the graduation books amidst great joy among the students and their mentors. We wish the students of the Faculty of Pharmacy all the success and excellence in their future lives.









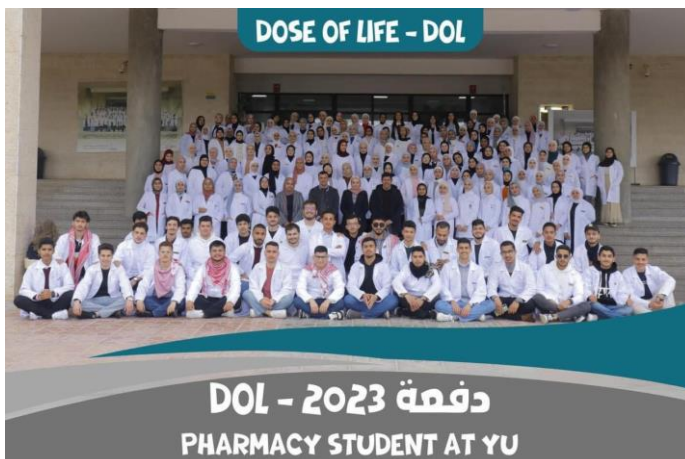






Batch Photos

Pharmacy Family: Group Snapshots from Collage Days



[Faculty of Pharmacy \(yu.edu.jo\)](http://yu.edu.jo)

[Facebook](#)

