

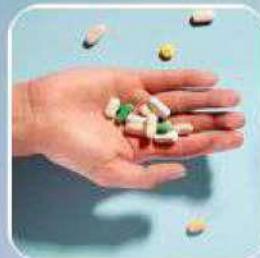


Yarmouk University

PHARMACY

NEWSLETTER

Pharmacy, a sacred duty of healing, a bridge between science and compassion, where every prescription holds the power to change a life.



Issue3, February 2025

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Facebook, Instagram

Irbid, Jordan



الإطار الوطني الأردني للمؤهلات
Jordan National Qualifications Framework

NEWSLETTER STAFF

Editor-in-Chief: Prof. Ghaith Al-Taani

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





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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 36 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 with the college departments. The program focuses on the fundamental responsibilities of a pharmacist in healthcare and industry, preparing graduates to work in various pharmaceutical fields such as community pharmacies, clinical pharmacy, pharmaceutical industry, marketing and management, pharmaceutical regulatory and licensing sectors, academia, and scientific research. This year, the college launched a master's program in Technology in Pharmaceutical Development and Practice, following approval by the Ministry of Higher Education in Jordan. The program awards a master's degree after the student completes 33 credit hours, 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.



Established in 2013



3 Departments
(1 B.S. and 1 MSc.)



1564
pharmaceutical
Graduates



36 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.

Dean`s Welcome Message

Welcome to the Faculty of Pharmacy at Yarmouk University



Prof. Ghaith Al-Taani, PhD.
The Dean of Pharmacy

As the Dean of the Faculty of Pharmacy at Yarmouk University, it is my distinct pleasure to welcome you to our newsletter, where we share the latest developments and achievements within our faculty. At Yarmouk University, we take immense pride in our students, who embark on their academic journeys with us. We extend a warm welcome to both new and returning students, recognizing that the university's success is driven by its dedicated students, distinguished faculty, administrative staff, and valued stakeholders.

The Faculty of Pharmacy is committed to excellence in education, research, and community engagement.

Our mission is to cultivate the next generation of pharmacists through a rigorous curriculum that integrates biomedical, pharmaceutical, social, behavioral, and clinical sciences.

With cutting-edge laboratories, advanced experiential learning opportunities, and a strong commitment to innovation, we ensure that our graduates are well-prepared to thrive in the dynamic field of pharmaceutical sciences.

Pharmacy plays a crucial role in advancing global healthcare, and at Yarmouk University, we uphold the highest educational standards. Our curriculum, accredited nationally and internationally by the American Accreditation Council for Pharmacy Education (ACPE) and aligned with the Jordan National Qualifications Framework (JNQF), provides students with a solid foundation in pharmaceutical education and practice.

Research and innovation are at the core of our faculty's mission. Our faculty members are engaged in pioneering research in drug design, nanomedicine, patient-centered care, pharmaceutical sciences, and genetic engineering. Through initiatives such as our student research club and strategic collaborations with the pharmaceutical industry, research institutions, and healthcare organizations, we actively nurture a culture of inquiry and discovery.

Looking ahead, the Faculty of Pharmacy remains devoted to advancing research excellence and enhancing practical training. We are actively working to expand our programs through international collaborations and strengthen our laboratory infrastructure to support cutting-edge research.

I sincerely appreciate your engagement with our newsletter and warmly invite you to explore the Faculty of Pharmacy at Yarmouk University. Together, we can contribute to academic and professional excellence in the ever-evolving field of pharmacy.

President Article

Elevating Higher Education in Jordan: Accreditation, Industry Collaboration, and Research for a Sustainable Future



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

In light of Jordan's economic modernization vision and its commitment to improving global rankings in competitiveness, prosperity, and sustainability, Jordanian universities have embarked on a transformative journey. This strategic roadmap aims to enhance economic growth, sustainability, and innovation while reinforcing the country's status as a regional hub for higher education.

To achieve these ambitious goals, collaboration between public and private sectors, civil society institutions, and academia is essential. Jordan has long been recognized for its excellence in education across various fields. However, to maintain its competitive edge, it is imperative to integrate cutting-edge technology, innovation, and quality assurance mechanisms while strengthening ties with industry and the local community. At the heart of any esteemed academic institution lies the assurance of quality — accreditation.

At the heart of any esteemed academic institution lies the assurance of quality — accreditation.

Accreditation is not merely a formal recognition; it is a continuous process of self-assessment, improvement, and adherence to the highest educational and professional standards.

It ensures that our programs remain aligned with global best practices, that our graduates are equipped to meet the evolving demands of the pharmaceutical and healthcare industries, and that their degrees are respected and valued worldwide.

Institutions that maintain rigorous accreditation standards cultivate graduates who are not only competent professionals but also global ambassadors of excellence.

Thus, a well-recognized graduate carries more than just a degree—they carry the credibility, training, and ethical foundation that our institution instills in them. Whether they contribute to cutting-edge research, lead pharmaceutical innovations, or provide patient-centered care, their impact extends far beyond individual success. They become catalysts for progress, shaping the future of healthcare and reinforcing the reputation of our institution. Thus, our responsibility is twofold: to equip them with unparalleled knowledge and skills and to ensure that their credentials remain highly regarded in academic and professional circles.

Education does not exist in isolation; it must be continuously informed by industry advancements, emerging technologies, and the practical challenges of modern pharmacy practice. By forging strong partnerships with pharmaceutical companies, regulatory agencies, hospitals, and research facilities. This necessitate a dynamic relationship between universities and industries. In particular, the College of Pharmacy plays a crucial role in bridging the gap between academic knowledge and pharmaceutical innovation.

By fostering partnerships with pharmaceutical companies, universities can provide students with hands-on experience, facilitate research collaboration, and contribute to the development of cutting-edge medical solutions.

These collaborations not only enhance the learning experience but also ensure that our graduates transition seamlessly into their professional roles, fully prepared to contribute meaningfully from day one.

At the core of any thriving academic institution is a commitment to scientific inquiry and discovery. Research is not just an academic pursuit—it is the foundation upon which advancements in medicine, pharmacy, and biotechnology are built. As a university, we are dedicated to fostering a culture of innovation, where faculty and students alike engage in groundbreaking research that addresses pressing global health challenges. From the exploration of new drug formulations and phytochemical discoveries to advancements in personalized medicine and biotechnology, our research initiatives have the potential to transform lives. However, for research to be truly impactful, it must be supported through investment, collaboration, and a shared vision of progress.

Yarmouk University has embraced this vision by fostering a sustainable educational environment that nurtures entrepreneurship, research, and innovation.

Recognizing the evolving needs of the labor market, the university has introduced new undergraduate and graduate programs that integrate technological advancements and intelligent systems. By cultivating a strong connection between students, the private sector, and governmental institutions, Yarmouk University is ensuring that its graduates are not only academically proficient but also industry-ready.

In conclusion, the future of higher education in Jordan hinges on a holistic approach that values accreditation, industry collaboration, graduate recognition, and scientific research. By aligning educational strategies with national and global objectives, Jordanian universities can reinforce their position as centers of excellence, driving economic growth and sustainable development for years to come.



Featured Article

Advisory Board Message

The pharmaceutical industries in Arab lands including Jordan , are facing difficulties due to their basic structure and their established business model .



Prof. Adnan Badwan
President of the Arab Union for
Pharmaceutical Industries and Medical
Supplies

Companies are structured as trading enterprises with an industrial arm, rather than being research-driven entities with a commercial arm.

A sustainable and competitive pharmaceutical industry, however, must be anchored in research and development (R&D), leveraging innovation rather than mere trade and manufacturing operations. The divergence between these two strategic orientations is largely dictated by the business environment, particularly the availability of long-term financing, which is indispensable for industrial-scale R&D investments.

A major limitation facing the Arab pharmaceutical industry is technological homogeneity, which leads to comparable production capabilities across companies.

This lack of differentiation in producing medicines has resulted in a competitive landscape dominated by price-based competition, rather than by technological advancements or value-added innovations.

Nevertheless, Jordan's pharmaceutical industry has taken steps toward a more research-oriented model, primarily by investing in preformulation, formulation, stability, and bioequivalence studies, enabling companies to introduce value-added medicines.

However, to sustain long-term growth and competitiveness, this model must be extended to facilitate the production of patented high value added medicine. This enhancement of quality production shall shift the industry into innovation-driven strategies.

One promising strategy to support this transformation in Jordan, is fostering collaborations between pharmaceutical companies and academic institutions, particularly pharmacy faculties offering postgraduate programs.

Tailoring postgraduate research projects to focus on upgrading generic pharmaceuticals into value-added medicines would provide a structured pathway for innovation.

The necessary research infrastructure is already in place, and most pharmacy schools offer postgraduate courses, making such initiatives both practical and cost-effective.

Furthermore, this approach could be institutionalized as a consultancy service provided by universities, facilitating the scientific enhancement of Jordanian-branded generics and strengthening the country's pharmaceutical innovation ecosystem

Organizational Structure



Agreement and Memorandum

"Yarmouk" Signs a Memorandum of Understanding with the Center for Clinical Studies to Provide Training Opportunities for Pharmacy Graduates

Dr. Islam Massad, President of Yarmouk University, and Dr. Sabeiha Al-Malkawi, Director of the Center for Clinical Studies at Irbid Specialty Hospital, signed a memorandum to offer clinical training for Pharmacy graduates. Dr. Massad emphasized that this initiative aligns with the university's strategy to bridge theoretical and practical knowledge, equipping students with essential skills for the job market. He noted this collaboration enhances the university's reputation and supports the healthcare sector. Dr. Al-Malkawi stressed the importance of training pharmacy graduates to improve patient care and praised the university's graduates for their role in advancing national healthcare.

The memorandum outlines that the Center for Clinical Studies will offer training to three pharmacy graduates every three months, nominated by the university. Trainees will either receive employment opportunities or an accredited training certificate upon completing the program. The Center will also deliver lectures and workshops on clinical studies for faculty members and students in the Faculty of Pharmacy. The signing ceremony was attended by Dr. Ghaith Al-Taani, Dean of the Faculty of Pharmacy, and Dr. Bilal Al-Jaidi, Vice Dean.



In Memoriam: Sumaya Abu Na'aj

It is with profound sadness that we acknowledge the passing of Sumaya Abu Na'aj on what should have been a momentous occasion—her graduation day. A dedicated and exemplary student, demonstrated exceptional commitment to the field of pharmacy, embodying the principles of diligence, integrity, and compassion. While her journey was tragically cut short, her legacy of excellence and kindness will endure. We extend our deepest condolences to her family, friends, and colleagues during this difficult time.



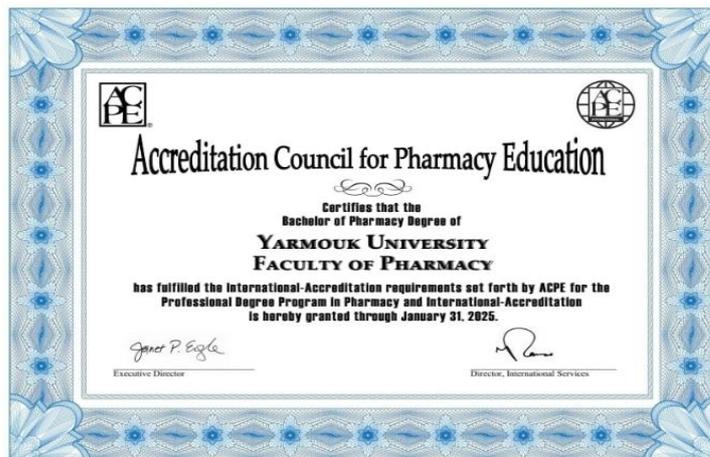
Faculty News

Yarmouk University' Faculty of Pharmacy Concludes Remote Visit with ACPE Accreditation Experts

In its pursuit of achieving the best global accreditations, the Faculty of Pharmacy at Yarmouk University concluded a remote visit from a delegation of experts from the American Council for Pharmacy Education (ACPE). This visit was part of the verification process for American International Accreditation in Pharmacy Education, which included intensive evaluation sessions for the Bachelor of Pharmacy program over four days.

The visit aimed to assess the quality of education and research at the college, as well as to enhance academic standards in line with global requirements, ultimately preparing graduates to meet the challenges in the field of pharmacy.

On this occasion, we extend our sincere thanks and appreciation to all those who contributed to the success of this visit, including faculty members, administrative staff, pharmacists from the local community, and the outstanding students of the college.



Yarmouk University's Pharmacy Program Secures National Accreditation

Yarmouk University's Bachelor of Pharmacy program has been officially included in the Jordanian National Qualifications Framework, following approval from the Council of the Accreditation Commission for Higher Education Institutions and Quality Assurance.

This milestone reflects the collaborative efforts of the faculty's teaching and administrative staff, alongside the University's leadership, in their pursuit of both national and international accreditation standards. The faculty expresses gratitude to all contributors, particularly the department heads and Vice-Dean Dr. Bilal Al-Jaidi, for their dedication to this important initiative.



Launch of the Scientific Research Club at the Faculty of Pharmacy

In a significant step to promote a culture of scientific research and develop research skills, the Faculty of Pharmacy announced the launch of the Scientific Research Club for its students under the patronage of the Dean of Scientific Research and Graduate Studies, Prof. Mohammed Al-Zubeidi. The opening ceremony of the club was organized with the attendance of the previous Dean of the Faculty, Prof. Fadia Mayyas, along with several professors and students who expressed great enthusiasm for this ambitious project.

Prof. Fadia Mayyas and Prof. Mohammed Al-Zubeidi delivered opening speeches, emphasizing the importance of scientific research and its pivotal role in societal progress and innovation. They praised the initiative and expressed their full support for this new club, wishing it success in achieving its goals.

The club will be managed by Dr. Islam Bardaweel, who spoke during the inauguration about the club's vision, objectives, and mission. Dr. Bardaweel indicated that the club aims to be a platform for promoting the culture of scientific research within the Faculty of Pharmacy and strives to enhance students' research skills and knowledge. It also provides a supportive and motivating environment for the exchange of scientific and practical ideas and experiences between students and faculty members.



Yarmouk University Hosts First Professional Practice Exam for Pharmacists in Northern Region

On Thursday, August 22, 2024, the training exam (professional practice) for graduating pharmacists in the northern region was held at the Faculty of Pharmacy at Yarmouk University. This makes Yarmouk University the first official university in the northern region to conduct this exam, reflecting its commitment to supporting and developing the pharmacy profession in the area.

A total of 170 graduating pharmacists participated in the exam, with the attendance of the head of the Pharmacists' Syndicate and members of the council, as well as the heads and members of the subcommittees from the provinces of Irbid, Jarash, Ajloun, and Al-Mafraq. This highlights the role of the Faculty of Pharmacy at Yarmouk University in providing a comprehensive educational environment that contributes to preparing pharmaceutical professionals for effective community involvement.

We are all proud and grateful for our collaboration with the Jordanian Pharmacists' Syndicate, which is considered a strategic partner and a key supporter of the faculty.



Faculty of Pharmacy Honors Former Administration Members

During a meeting of the Faculty of Pharmacy at Yarmouk University, led by the Dean Prof. Ghaith Al-Taani, faculty and administrative members gathered to mark the beginning of the new academic semester. The previous administration members were honored for their dedicated efforts in serving the college.

Honorees included Prof. Fadia Mayyas, who served as the Dean of the Faculty of Pharmacy last year; Dr. Ali Hmeidat, who held the position of Assistant Dean for Student Affairs; and Dr. Deniz Al-Tawalbeh, who chaired the Department of Medicinal Chemistry and Pharmacognosy.

Their efforts in managing and developing the college during the past period were highly appreciated.



College Administration Holds a Productive Meeting with Master's Program Students

The College of Pharmacy administration held a productive meeting with master's program students in the seminar hall, attended by the Dean of the College, Prof. Gaith Al-Taani, the Vice Dean, Dr. Bilal Al-Jaidi, and the Vice Dean for Scientific Research, Dr. Mohammad Ayasrah.

Prof. Gaith Al-Taani opened the meeting by welcoming the students and emphasizing the administration's commitment to providing all necessary support to help them achieve academic and research excellence.

Dr. Bilal Al-Jaidi discussed the study plan and available courses, highlighting key updates and modifications aimed at enhancing the academic program to better meet students' needs.



Dr. Mohammad Ayasrah elaborated on the procedures for switching from the comprehensive track to the thesis track, providing a detailed explanation of the required steps and conditions. He also answered students' inquiries regarding this matter.

The meeting concluded with an open discussion, where students shared their questions and feedback about the academic program, expressing their appreciation for the college administration's efforts in improving the educational experience and enhancing academic quality.



The Participation of the Faculty of Pharmacy at Yarmouk University in World Quality Week

The Faculty of Pharmacy at Yarmouk University participated in the activities of World Quality Week by organizing a display table as part of the distinctive Quality Exhibition, reflecting its commitment to enhancing quality standards and academic excellence.

The exhibition included a presentation of the American accreditation certificate obtained by the faculty, emphasizing its academic distinction and adherence to global standards. It also featured informational cards highlighting quality concepts, along with newsletters and a comprehensive booklet detailing the work and achievements of the faculty's various committees.

During the event, the faculty showcased its success story in obtaining American accreditation, highlighting the efforts made by faculty and administrative staff, as well as the collaboration of students and stakeholders, to achieve this milestone—an accomplishment that stands as a source of pride for the university and the local community.

This participation aimed to raise awareness of the importance of quality and promote its culture among students and faculty members, reaffirming the faculty's role as a leader in academic excellence both locally and internationally.



The Faculty of Pharmacy Organizes an Orientation Meeting for Newly Admitted Students

The Faculty of Pharmacy organized an orientation meeting for newly admitted students. The orientation was attended by several faculty and administrative members alongside the new students. The dean, Prof. Ghaith Al-Taani welcomed the students and emphasized the importance of this stage in their academic journey in building a solid knowledge foundation that will empower them in their academic and professional paths. Prof. Al-Taani also emphasized that the faculty with all the staff will be providing the necessary support for their success.

The vice dean, Dr. Bilal Al-Jaidi, also delivered an orientation speech, introducing the Faculty of Pharmacy's strategic plan, which included an overview of its vision, mission, and objectives in both academic and research fields. Dr. Al-Jaidi emphasized the importance of excellence in pharmacy education and the development of academic programs that align with the latest advancements in the fields of pharmacy and healthcare.

The event also featured a speech by the Director of the Language Center, Dr. Rana Qandeel, who presented the new language programs offered by the center. Dr. Qandeel explained how these programs could enhance language skills and emphasized their role in developing communication abilities on both the academic and professional levels.

A special segment was delivered by a recent graduate, Rawan Wahadneh, who shared her personal experiences from her study in an engaging and inspiring manner. Rawan discussed the challenges any students could face and how to overcome through perseverance and the support of the faculty professors and peers.

In conclusion, the Faculty of Pharmacy extends its sincere gratitude and appreciation to the students who contributed to organizing this memorable day. Their dedication and hard work played a significant role in the success of the event, creating a welcoming atmosphere for their new peers and reflecting the values of cooperation and belonging that the college strives to instill in its students.



Faculty of Pharmacy Organizes a Health Awareness Day in Irbid

On Monday, December 23, 2024, the Faculty of Pharmacy at Yarmouk University held a health awareness day at Arabella Mall in Irbid, with active participation from several faculty members and in collaboration with various medical and pharmaceutical organizations.

The event was overseen by Dr. Hadeia Mashaqbeh, Dr. Meriem Rezigue, Dr. Aseel Rataan, Pharmacist Salam Shannag, and Pharmacist Afaf Khasawneh.

The health awareness day included a series of medical screenings and health consultations for visitors, along with several educational stations covering essential health topics. The event was coordinated by students Hala Mas'ad and Ahmed Obaidat.

This initiative is part of Yarmouk University's ongoing efforts to enhance public health awareness and serve the local community.



Third Employment Day: From Study to Practice in Pharmacy

The Faculty of Pharmacy hosted its Third Employment Day, entitled "The Pharmacist's Journey from Study to Practice." This event was designed to help pharmacy students understand the job market and its requirements, aiming to enhance their skills for better career opportunities.

The event featured experts in various fields of pharmacy, including Dr. Ramzi Al-Khreibat, owner of a family pharmacy chain, who discussed community pharmacy; Dr. Tamer Haddad, Business Development Director at International Drug Company, who spoke about pharmaceutical companies and drug development; and Dr. Maan Adasi, a consultant for special projects, who provided insights into job fields and interview techniques.

اليوم الوظيفي الثالث

رحلة الصيدلاني من الدراسة إلى الممارسة

يوم توعوي لطلاب كلية الصيدلة في جامعة اليرموك للتعرف على حقوق العمل ومتطلباته بهدف صقل مهاراتهم وإرتكادهم لأفضل الممارسات الوظيفية والمهنية المتوفرة لهم.

بحضور نخبة من الخبراء في مختلف مجالات العمل الصيدلاني:

- الدكتور رمزي الخريبطة
مالك سلسلة صيدليات الأسرة
للحديث عن مجال العمل في صيدليات المجتمع .
- الدكتور تامر حداد
مدير تطوير أعمال
التركة الدولية للدواء
للحديث عن مجال العمل في شركات الأدوية والتطوير الصيدلاني .
- الدكتور معن عداصي
استشاري مشاريع خاصة
للحديث حول مجالات ومقاييس العمل .

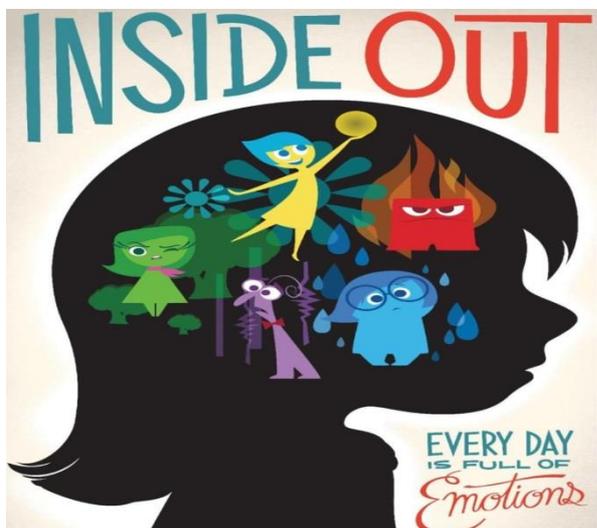
The Faculty of Pharmacy Hosts 'Cinema Day' to Foster Student Engagement'

As part of the cultural and recreational activities that the Faculty of Pharmacy aims to support and encourage, a recreational event titled "Cinema Day" was held at the Faculty of Pharmacy on Thursday, August 22, 2024.

The event aimed to provide students with an opportunity to enjoy a fun and meaningful time between midterm exams and final exams, as well as to enhance social interaction among them. The activity included a film screening and the distribution of several gifts to attendees.

This event was organized by pharmacists Sama'a Alghanam and Salam Shannag, with the participation of several students from the faculty.

We extend our thanks to students Noor Al-Faraj and Aya Daqamsa for covering this event and preparing the accompanying video.



Faculty Workshop

World Diabetes Day

In the occasion of World Diabetes Day, the Faculty of Pharmacy at Yarmouk University, in collaboration with Al-Hussein Bin Talal Library and the university's Medical Club, organized a comprehensive awareness event addressing diabetes. The event was attended by the Dean of the Faculty, Prof. Gaith Al-Taani, and the Director of the Library, Dr. Mohammad Shakhathreh, along with several faculty members, administrative staff, and students.

The organization of the event was supervised by Dr. Islam Bardaweel, Dr. Mariam Al-Amri, Dr. Meriem Rezigue, and pharmacists Salam Shannag, Sama'a Abu Al-Ghanam, Afaf Khasawneh, and Afnan Ayyad. The program included blood sugar level testing and the distribution of educational brochures about diabetes and its medications.

During the event, educational information was provided, covering an introduction to diabetes, its types, causes, and prevention methods. The discussions also highlighted the importance of maintaining a healthy diet and engaging in regular physical activity as effective measures for preventing and managing the disease.

Dr. Gaith Al-Taani praised the efforts of the organizers and participants, highlighting the Faculty's role in promoting health awareness within the community and contributing to the prevention of chronic diseases. Dr. Mohammad Shakhathreh also commended the fruitful collaboration between the Faculty, the Library, and the Medical Club in organizing such beneficial events for both the university and the local community.



Educational Workshop on Diabetes

Under the patronage of the Faculty of Pharmacy, a group of faculty members from the Faculty of Pharmacy at Yarmouk University organized an informative workshop on diabetes at the Family Solidarity Association's headquarters on Thursday, December 19, 2024.

The workshop featured a series of interactive sessions, including a comprehensive presentation on diabetes, an exploration of risk factors that increase the likelihood of developing the condition, an overview of potential complications, and preventive measures. Additionally, blood glucose levels were measured for the participants.

The primary goal of the workshop was to enhance awareness about diabetes among attendees, thereby contributing to the improvement of healthcare practices and quality.

The event received a positive response from participants, who expressed their sincere gratitude and appreciation for the organizing team.

We would like to extend our heartfelt thanks to the organizing team: Dr. Mariam Al-Ameri, Dr. Islam Bardaweel, Dr. Aseel Rataan, Dr. Meriem Rezigue, Pharmacist Salam Shannag, Pharmacist Afaf Khasawneh, Pharmacist Sama'a Abu Al-Ghanam, and Pharmacist Afnan Ayyad.



A Lecture on The Impact of Artificial Intelligence in The Medical Field

The Yarmouk Pharmacy Research Club (YPRC) at the Faculty of Pharmacy organized a lecture entitled "Bridging Technology and Health: The Transformative Power of AI and John Jumper's Impact," presented by Dr. Yazan Akkam from the Department of Medicinal Chemistry and Pharmacognosy.

This lecture is part of a lecture series through which the YPRC aims to strengthen the research skills of students and prepare them for active participation in scientific research.

Several faculty members and students attended the lecture, reflecting the growing interest in the role of artificial intelligence in enhancing academic knowledge and advancing the medical field. The speaker added scientific depth to the session and led the discussion with excellence.



A Lecture on Innovative Cancer Therapy

The Scientific Research Club at the Faculty of Pharmacy recently hosted an engaging lecture entitled: "Effective Synergistic Combination Therapy for Head and Neck Cancer with Dasatinib and Adavosertib Induced DNA Damage, Cell Senescence, and Apoptosis in Head and Neck Cancer Cells."

The lecture was presented by Dr. Ali Nader Hmeidat. Attendees had the opportunity to explore cutting-edge research in cancer treatment, highlighting the club's commitment to advancing scientific knowledge within the community.

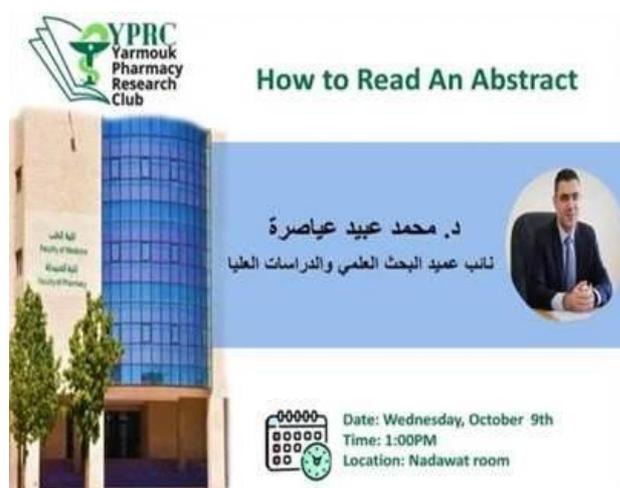


A Lecture about How to Read Research Abstracts

The Scientific Research Club at the Faculty of Pharmacy organized a lecture entitled "How to Read Research Abstracts," presented by Dr. Mohammad Ayasrah from the Department of Pharmaceutics and Pharmaceutical Technology.

The lecture was attended by a number of students and graduates from the faculty, as well as students from other faculties, reflecting a strong interest in enhancing research skills and better understanding scientific studies.

This lecture is part of a series of activities through which the club aims to strengthen students' research capabilities and prepare them for active participation in scientific research



Workshop on Interprofessional Education for Medical, Pharmacy, and Nursing Students at Yarmouk University

The Faculty of Pharmacy, in collaboration with the Deanship of Student Affairs at Yarmouk University, organized a workshop on interprofessional education (IPE) for students of medicine, pharmacy, and nursing. The workshop was organized by Dr. Maryam Al-Amiri, Dr. Alaa Yahya, and pharmacist Afaf Khasawneh from the Clinical Pharmacy Department at the Faculty of Pharmacy, and Dr. Fatima Muhaisin from the Faculty of Medicine.

The workshop aimed to enhance interprofessional learning and effective communication among students of the health faculties. It included several discussion sessions conducted by the organizers to introduce the concept of interprofessional education. A clinical case was also presented, for which a joint treatment plan was developed by the three health professions.

The workshop also featured simulation segments, where students from the different health faculties played their roles in the clinical case according to their specialties, working together constructively to achieve optimal patient care. The workshop received significant engagement from students of the three faculties.



Yarmouk University Faculty of Pharmacy Organizes Workshop for Faculty Members on OSCE Examination Guidelines

The Faculty of Pharmacy at Yarmouk University held a workshop for faculty members in the Clinical Pharmacy and Pharmaceutical Practice Department entitled "Guidelines and Directions for the OSCE Examination." The workshop aimed to enhance the clinical skills and knowledge of faculty members while keeping pace with global developments in OSCE examinations, in preparation for the introduction of clinical training and pharmaceutical practice courses in the new curriculum.

The workshop was presented by Dr. Ahmad Al-Rassasi, General Manager of Nour Drug Store and a lecturer at several Jordanian Universities.

The session included an overview of the OSCE examination, its objectives, practical steps for implementation, and how to prepare questions, as well as all organizational aspects related to the exam. Dr. Al-Rassasi also explained the evaluation criteria specific to the OSCE.

The workshop featured interactive activities, including video presentations of candidates and patients, where faculty members assessed the candidates and assigned appropriate scores for the simulated exams. Attendees praised the workshop, emphasizing the importance of the information provided and the unique presentation style of Dr. Ahmad Al-Rassasi.



Faculty of Pharmacy Hosts Educational Lecture on Early Detection of Breast Cancer

As part of the breast cancer awareness campaigns held during Pink October, the Faculty of Pharmacy organized an educational lecture on Sunday, October 27, 2024, about the importance of early detection of breast cancer and self-examination methods.

The lecture was delivered by health educator Ruwyat Al-Masri from the Jordan Breast Cancer Program, one of the initiatives of the King Hussein Cancer Foundation. The event was attended by a number of students and staff members from the faculty.



A Workshop about Using the PowerPoint Presentation Program

The Scientific Research Club organized a workshop for the students on using the PowerPoint presentation program by Pharmacist Salam Shunnag. The workshop was held on Thursday, December 5, 2024.

It included an introduction to the program's interface and the essential tools that can be used to create slides, as well as how to create interactive presentations using the Class Point program.



Educational Lecture on Safe Medication Use

Dr. Maryam Al-Amri delivered an educational awareness lecture for mothers on the safe use of medications at the Quranic Memorization Center in Irbid.

During the lecture, Dr. Al-Amri discussed the correct storage methods for all types of medications, both before and after use.

She also explained the proper and safe use of antibiotics, which helps in reducing the emergence of antibiotic-resistant bacterial strains.



Faculty Member on Conference



[Microwave coprocessing of modafinil with Gilucir®: Thermal and compression characteristics By Dr. Derar Alomari / ADMET - China](#)



[Determinants of self-care among Jordanian children with type 1 diabetes mellitus By Dr. Mervat Alsous / ASU](#)



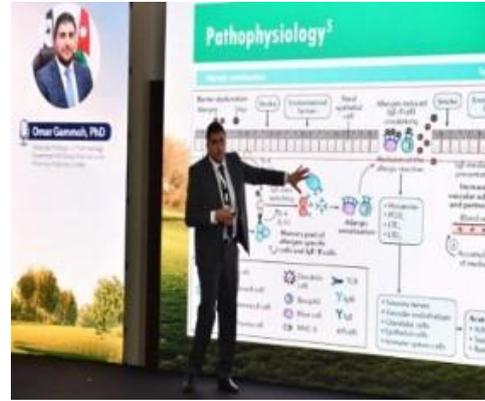
[Targeting WEE1 kinase enhances the antitumor effect of Dasatinib in head and neck squamous cell carcinoma](#)



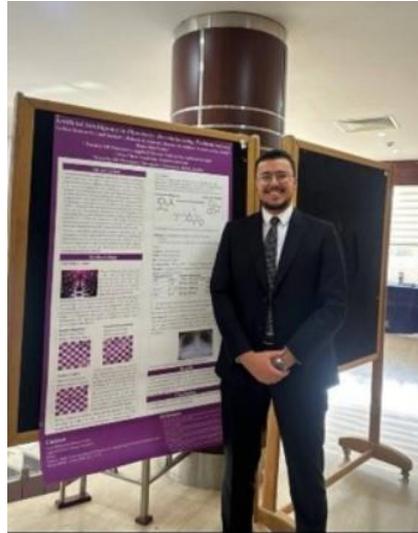
[Characterization of ESKAPE pathogens in urinary tract infections among Jordanian patients By Dr. Rawan Alsharedah / ASU](#)



[Targeting transforming growth factor- \$\beta\$ 1 by methylseleninic acid/seleno-L-methionine in clear cell renal cell carcinoma: Mechanisms and therapeutic potential By Dr. Aseel Rataan / ASU](#)



The pharmacist role in managing allergic rhinitis By Dr. Oar Gammo / Hikma Pharmaceuticals - Tunisia



Artificial Intelligence in Pharmacy: Revolutionizing Problem Solving By Shuroro L. Under the Supervision of Dr. Ghina'a Abu Deiab / ASU

Success Stories

Dr. Ala'a Aljabali as an Outstanding Research Excellence at The University Level

The College of Pharmacy family extends its congratulations to Professor Dr. Ala'a Al-Jabali for being honored for his outstanding research excellence at the university level, based on the number of scientific papers published in the Scopus database during the period from 2019 to 2023.



Dr. Mohammad Ayasrah and Dr. Mohammad Nusair Recognized as Outstanding Research Contributors

The College of Pharmacy family extends its congratulations to Dr. Mohammad Ayasrah and Dr. Mohammad Nusair for being honored for publishing more than 30 research papers during the period from 2019 to 2023 in the Scopus scientific database.



New Research Achievement for the Faculty of Pharmacy: A Study Highlighting Mental Health in Gaza Camp Community in Jerash

The Faculty of Pharmacy is proud to announce the coverage by The Guardian newspaper of an interview with researchers from Yarmouk University about a published study on the mental health of women in the Gaza Camp community in Jerash during the Gaza war.

The study, published in *Medicina* journal—classified in the first quartile (Q1) within the global Scopus database—was conducted by a research team from the Faculty of Pharmacy, led by Dr. Omar Gammoh (Principal Investigator), along with Prof. Mervat Alsous, Prof. Ala'a Al-Jabali, Dr. Bilal Al-Jaidi, and from the Faculty of Arts, Dr. Bilal Sayaaheen. The study documented the rates of depression, anxiety, and insomnia among a sample of camp residents.

It highlighted the high prevalence of these symptoms, identified risk factors for each, and shed light on the long-standing suffering of Palestinian refugees over the decades. The study also emphasized Jordan's role in hosting and supporting the camp's residents.

The article included interviews with camp residents, who shared their struggles during the recent war, similar to the sentiments expressed by Jordanians. Sincere gratitude and appreciation go to the research team for this meaningful scientific achievement in serving the community.



[Click to see full article](#)

Promoted Faculty Members in 2023-2024

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

To Full Professor



Prof. Ghaith Al-Taani
Clinical Pharmacy and Pharmacy Practice,
Pharmacy Faculty



Prof. Omar Gammoh
Clinical Pharmacy and Pharmacy Practice,
Pharmacy Faculty

Promoted Faculty Members

Prof. Fadia Mayyas Selected as the Vice President of Yarmouk University

The faculty of Pharmacy extends its congratulations to Prof. Fadia Mayyas, a faculty member in the Department of Clinical Pharmacy and Pharmaceutical Practice, on her selection as Vice President for Accreditation, Planning and Scientific Research at Yarmouk University.



Promoted Faculty Members

Dr. Mohammad Nusair Selected as Chairman of the Human Research Ethics Committee at Yarmouk University

The Faculty of Pharmacy extends its congratulations to Dr. Mohammad Nusair, a faculty member in the Department of Clinical Pharmacy and Pharmaceutical Practice, on his selection as Chairman of the Human Research Ethics Committee at Yarmouk University.



Dr. Ghaina'a Abu Deiab Appointed Head of the Technology Transfer Department at Yarmouk University's Deanship of Scientific Research

The Faculty of Pharmacy extends its congratulations to Dr. Ghaina'a Abu Deiab, a faculty member in the Department of Medical Chemistry and Pharmacognosy, on her appointment as Head of the Technology Transfer Department at the Deanship of Scientific Research at Yarmouk University.



Dr. Mohammed Obeid Ayasra Reappointed as Vice Dean for Scientific Research at Yarmouk University

The Faculty of Pharmacy extends its congratulations to Dr. Mohammed Obeid Ayasra, a faculty member in the Department of Pharmaceutics and Pharmaceutical Technology, on his appointment as Vice Dean for Scientific Research at Yarmouk University.



Medical Articles By Students



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Students Activities

The Faculty of Pharmacy Organizes an Awareness Day for Tabariya Secondary School Students

A group of students from the Faculty of Pharmacy, under the supervision of Dr. Deniz Al-Tawalbeh, and with the participation of pharmacists Salam Shunnaq, Afaf Khasawneh, and Bayan Malkawi, organized an awareness day for female students at Tabariya Secondary School.

The event included a series of educational stations addressing various health topics aimed at raising awareness among the students. These stations covered subjects such as calorie awareness, thalassemia and diabetes, the proper use of vitamins and dietary supplements, as well as skincare products. Additionally, the event highlighted the risks of obesity and ways to prevent it.

The activity received positive engagement from the students, contributing to enhancing their health knowledge and promoting the importance of adopting a healthy lifestyle.



The Faculty of Pharmacy Launches an Awareness Activity on Antimicrobial Resistance

On the occasion of World Antimicrobial Awareness Week, the Faculty of Pharmacy organized an awareness activity aimed at highlighting the dangers of improper antibiotic use and its negative impacts on human health.

The initiative was led by Dr. Hadeia Mashaqbeh and Dr. Meriem Rezigue and included field tours across various university facilities, such as the library, the Deanship of Student Affairs, and Al-Khwarizmi Building, with the goal of raising awareness among students and the university community.

The activity received significant engagement from students, who expressed their appreciation for the initiative and their satisfaction in contributing to health awareness efforts within the university.



The Faculty of Pharmacy at Yarmouk University Organizes a Visit to the Elderly Care Home in Irbid

As part of its efforts to serve the local community and foster a spirit of social cooperation among its students, the Faculty of Pharmacy at Yarmouk University organized a visit to the Elderly Care Home in Irbid on Tuesday, December 31, 2024.

The visit was attended by a number of faculty students, under the supervision and coordination of Dr. Meriem Rezigue and Dr. Hadeia Mashaqbeh. The event included public health awareness activities for the elderly, in addition to cultural and recreational activities that brought joy and happiness to the elderly residents.

The visit aimed to develop a sense of responsibility and humanity among the participating students and promote values of intergenerational communication, contributing to the creation of a conscious generation that understands the importance of volunteer work.



Awareness Session on Diabetes: Understanding, Prevention and Management

The "Shababna for Health" team, affiliated by the Royal Health Awareness Society (RHAS), organized an awareness session about diabetes with the Faculty of Pharmacy, Yarmouk University on Thursday, December 12, 2024, under the supervision and coordination of Dr. Islam Bardaweel.

The session aimed to enhance students' awareness about diabetes, one of the most prevalent chronic diseases worldwide. It covered multiple and comprehensive topics, including its causes, symptoms, and various types. The session also shed light on the preventive measures and the latest available treatments, emphasizing the importance of proper disease management to maintain patients' quality of life.

The session witnessed active participation from students, who engaged enthusiastically in interactive activities designed by the team to deliver information in a simple and enjoyable manner. These activities included Q&A segments and educational competitions. At the conclusion of the event, participation certificates were distributed to the students in recognition of their active involvement and constructive contributions to the initiative.

Dr. Islam Bardaweel commended the efforts of the "Shababna for Health" team in organizing this exceptional session. She highlighted the importance of empowering young people to play a vital role in raising community health awareness and encouraging them to take a proactive approach to addressing health challenges. She added that such initiatives significantly contribute to increasing health awareness among students and encourage them to adopt healthier lifestyles.



An Hour with the Pharmacist: Ask and Benefit

The Faculty of Pharmacy, in collaboration with the Hussein Bin Talal Library, held an event titled 'An Hour with the Pharmacist: Ask and Benefit.' The event aimed to strengthen the role of the faculty's students in providing pharmaceutical advice on proper medication storage in home pharmacies and optimal use of medications for hypertension and diabetes.

A group of pharmacy students from Yarmouk University, under the supervision of Dr. Alaa Yahya, Dr. Aseel Rataan, and pharmacist Afaf Khassawneh, provided information and advices on medications for hypertension and diabetes, as well as antibiotics, cold and cough medicines, vitamins, and dietary supplements.

The event also included blood pressure and blood sugar measurement for staff and students from various faculties, along with medical advice on the appropriate times for measurement and tips on managing blood pressure and blood sugar levels.



Yarmouk University Pharmacy Students Explore Manufacturing Techniques at Bella Pharmaceutical Industries

The Faculty of Pharmacy at Yarmouk University recently organized four educational visits for students enrolled in the Pharmaceutical Technology course to Bella Pharmaceutical Industries in Irbid. These visits aimed to familiarize students with the advanced technologies and production lines used in the manufacturing of topical formulations, as Bella is one of the leading factories in this field.

Students expressed significant interest in learning about the manufacturing processes and quality assurance mechanisms implemented at the factory, which contributes to enhancing their practical knowledge and connecting it to their academic studies.

The visits were accompanied and supervised by several faculty members, including Dr. Hadeia Mashaqbeh, Dr. Dima Al-Balas, Dr. Rawan Al-Shrideh, Dr. Alaa Yahya, Dr. Meriem Rezigue, and pharmacists Bayan Malakawi, Alaa Al-Qudah, Salam Shunnag, Samaa Abu Al-Ghanam, and Afnan Ayyad.





Osama Salama and Qusai Twaik Secure Second Place in the 4th Prince Al-Hussein Chess Championship

Congratulations to the students Osama Salama and Qusai Twaik for achieving second place while participating with their university team in the 4th Prince Al-Hussein Chess Championship, organized by Ajloun National University, with the participation of 12 universities.



Yarmouk University's Pharmacy Students Shine in the Open Chess Championship

The Faculty of Pharmacy at Yarmouk University extends its warmest congratulations to its students who excelled in the University Open Chess Championship, organized by the Department of Sports Activities.

In the male category, Osama Maher from the Faculty of Pharmacy secured first place, while Qusai Twaik achieved a shared third place. In the female category, Rand Awashah won first place, followed by Rama Smeerat in second place, and Dima Adel in third place—all from the Faculty of Pharmacy.



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
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