

Date July 10, 2024.

Rana Talal Abu-Huwaij



PERSONAL INFORMATION

Title: Dean

Academic Rank: Professor

Date & Place of Birth: 12/1968, Kuwait

Nationality: Jordanian

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
Ph.D. in Pharmaceutical Technology	Pharmaceutical Technology	September 2000- August 2004	Jordan University of Science and Technology	Jordan
MSc in Pharmaceutical Technology	Pharmaceutical Technology	September 1998 - June 2000	Jordan University of Science and Technology	Jordan
BS in Pharmacy	Pharmacy	September 1986 - June 1991	Jordan University of Science and Technology	Jordan

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ACADEMIC EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
9/2022- Present	Professor	Amman Arab University	Faculty of Pharmacy	Mobus-Jordan
6/2022- 9/2022	Professor	Al- Ahliyya Amman University	Faculty of Pharmacy	Salt-Jordan
9/2018-9/2022	Associate Professor	Al- Ahliyya Amman University	Faculty of Pharmacy	Salt-Jordan
9/2014-7/2018	Assistant Professor	Al- Ahliyya Amman University	Faculty of Pharmacy and Medical Sciences	Salt-Jordan
10/2008-2/2013	Lecturer/ Assistant Professor	Ulster University Northern Ireland, UK /Saad College of Nursing & Allied Health Sciences, KSA	Humanity & Science Department	Northern Ireland, UK /Al- Khobar-KSA.
3/2005-2/2008	Assistant Professor	Al- Ahliyya Amman University.	Department of Pharmaceutical Sciences & Medical Sciences	Salt-Jordan
3/2005-7/2005	Assistant Professor	Al- Israa University (part time job)	Faculty of Pharmacy	Amman-Jordan
9/1998-7/2004	Teaching Assistant	Jordan University of Science and Technology	Department of Pharmaceutical Technology	,Irbid- Jordan
9/1991-7/1995	Teaching and Research Assistant	Jordan University of Science and Technology	Department of Pharmaceutical Technology	Irbid- Jordan

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OTHER EXPERIENCE

Duration	Rank	Institution	Department /Faculty	Country
9/2022-present	Dean	Amman Arab University	Faculty of Pharmacy	Mobus-Jordan
1/2022-9/2022	Director of Women Health Center	Al-Ahliyya Amman University	Faculty of Nursing	Salt-Jordan
9/2021-1/2022	Vice Dean for Women Health Center Affairs	Al-Ahliyya Amman University	Faculty of Nursing	Salt- Jordan
9/2018-9/2020	Vice Dean for Accreditation & Quality	Al-Ahliyya Amman University	Faculty of Pharmacy	Salt- Jordan
9/2014-9/2018	Assistant Dean	Al-Ahliyya Amman University	Faculty of Pharmacy and Medical Sciences	Salt- Jordan
9/2013-9/2014	Director of Accreditation & Quality Assurance	Royal University for Medical Sciences	-	Qastal-Jordan.
11/2008-1/2013	Head of Quality & Audit Management	Saad College of Nursing & Allied Health Sciences (in affiliation with the University of Ulster-Northern Ireland)	Department of Quality & Audit Management	Al-Khobar-KSA
9/2009-2/2010	Head of Humanity & Science Department	Saad College of Nursing & Allied Health Sciences (in affiliation with the University of Ulster-Northern Ireland)	Humanity & Science Department	Al-Khobar-KSA

PUBLICATIONS JOURNALS

Author/s (In Order)	Title	Journal	Volume/ Number/Pa ges	Publicatio n date
Rana Abu-Huwaij , Shereen Assaf, Mutaz Salem & Alsayed Sallam	Mucoadhesive dosage form of lidocaine hydrochloride: I. Mucoadhesive and physicochemical characterization.	Drug Development and Industrial Pharmacy.	33(8) 855-64	2007
Rana Abu-Huwaij , Shereen Assaf, Mutaz Salem, Alsayed Sallam	Potential mucoadhesive dosage form of lidocaine hydrochloride: II. In vitro and in vivo evaluation.	Drug Development and Industrial Pharmacy.	33(4) 437-48	2007
Mutaz Salem, Shereen Assaf, Rana Abu-Huwaij , & Alsayed Sallam	Enhanced buccal delivery of fentanyl citrate using buccal patches.	Journal of Pharmacy and Pharmacology	62(10) 1266- 1267	2010
Rana M Obaidat, Kamal Sweidan, Wafa Al-Rajab, Mai Khanfar, Rana Abu-Huwaij , Yusuf Al-Hiari and Samir Al-Gharabli	Development of local mucoadhesive sustained release patches of tetracycline hydrochloride for treatment of mouth infections: a preliminary in vitro study	European Journal of Parenteral & Pharmaceutical Sciences	15(4) 87-94	2010
Rana Abu-Huwaij , Rana M Obaidat, Kamal Sweidan, Yusuf Al-Hiari	Formulation and in vitro evaluation of xanthan gum or carbopol 934-based mucoadhesive patches, loaded with nicotine.	AAPS PharmSciTech.	12(1) 21-7	2011
Rana Talal Abu-Huwaij	Students' engagement in the self- evaluation process, is it a useful visible step? Saudi Pilot Study.	Journal of Research on Humanities and Social Sciences	4(11) 84-91	2014
Rania Hamed, Tamadur A Baraghthi, Ahlam Zaid Alkilani & Rana Abu-Huwaij	Correlation between rheological properties and in vitro drug release from penetration enhancer-loaded Carbopol® Gels	Journal of Pharmaceutical Innovation	11(4)339- 351	2016
Ahlam Zaid Alkilani, Rania Hamed, Sara Al-Marabeh, Areej Kamal, Rana Abu-Huwaij , Islam Hamad	Nanoemulsion-based film formulation for transdermal delivery of carvedilol	Journal of Drug Delivery Science and Technology	46(122-128)	2018
Rana Abu-Huwaij	Promising polymeric buccoadhesive bilayered tablets releasing valsartan, Effect of gel strength	Jordan Journal of Pharmaceutical Sciences	11(3)119- 131	2018
Rana Abu-huwaij , Rania Hamed, Enas Daoud Ahlam Zaid Alkilani	Development and in vitro characterization of nanoemulsion based buccal patches of valsartan	Acta Polonia Pharmaceutica	76(2)325- 333	2019

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Rawda Yaseen AlSheyyab1, Rana Mohammad Obaidat, Yara Radi Altall, Rana Talal Abuhuwaij , Rand Radwan Ghanma, Anoud Sameer Ailabouni, Hadeia Ahmad Mashagbeh, Shayma Al-Haj	Solubility enhancement of nimodipine through preparation of Soluplus® dispersions	Journal of Applied Pharmaceutical Science	9(09)030-037	2019
Rania Hamed, Ahmad Farhan, Rana Abu-Huwaij , Nouf N. Mahmoud & Areej Kamal	Lidocaine microemulsion-laden organogels as lipid-based systems for topical delivery	Journal of Pharmaceutical Innovation	15 (4), 521-534, 1-14 (2020)	2019
Rania Hamed, Yasmeen Al-Adhamia, Rana Abu-Huwaij	Concentration of a microemulsion influences the mechanical properties of ibuprofen in situ microgels	International Journal of Pharmaceutics	570 (2019)118684	2019
Rana Abu-Huwaij , Sarah F. Al-Assaf, Farah Mousli, Maram S. Kutkut, Ahlam Al-Bashtawi	Perceptive review on properties of iron oxide Nanoparticles and their antimicrobial and anticancer activity	Systematic reviews in pharmacy	11(8): 418-431	2020
F. Muhana, R. Abu-huwaij , N. khalaf, F. Khalili and N. Shalan	Synthesis & Characterization of Mesoporous Silica carrier releasing Valsartan	Asian Journal of Chemistry	32(8)2927-2933	2020
Aseel Abu-Rumman, Rana Abu-Huwaij & Rania Hamed	Development and in vitro evaluation of Soluplus® and/or Carbopol® 971-based mucoadhesive patches loaded with Atorvastatin	Journal of Adhesion	98(7), 2022	Dec. 17 2020
Rania Naser, Rana Abu-Huwaij , Iqbal Al-khateeb, Manal M. Abbas, Ali M. Atoom	Green synthesis of zinc oxide nanoparticles using the root hair extract of Phoenix dactylifera: Antimicrobial and anticancer activity	Applied Nanoscience	11, 1747–1757	2021
Maha N. Abu Hajleh, Rana Abu-Huwaij , Ali AL-Samydai, Lidia Kamal Al-Halaseh, Emad A. Al-Dujaili	Nanotechnology Revolutionizing the Field for Cosmeceuticals Delivery: A Narrative Review	Journal of cosmetic dermatology	20(12):3818-3828.	2021
Rana Abu-Huwaij ; Sarah F. Al-Assaf; Rania Hamed	Recent exploration of nanoemulsions for drugs and cosmeceuticals delivery	Journal of cosmetic dermatology	21:3729–3740.	28 Dec 2021
Rana Abu-Huwaij , Enas Alkhader, Sanaa Gharaibeh, Iman Khalil	Bridging gaps in distance learning during a pandemic: Exploratory questionnaire-based analysis in Jordan during COVID-19 lockdown	International Journal of Technology Enhanced Learning	Published online. 2020. Vol 14 (2) pp.198 – 216 (2022)	2022
Batool Mahdi, Rana Abu-Huwaij , Iqbal Al-khateeb	Development of Topical Patches Releasing Allicin Using Garlic Extract	Journal of cosmetic dermatology	21 (1), 396-402 (2022)	Oct. 2022
Rana Abu-Huwaij , Manal M. Abbas,	Synthesis of transdermal patches loaded with greenly			27 Nov. ,

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Rolla Al-Shalabi, Farah N. Almasri	synthesized zinc oxide nanoparticles and their cytotoxic activity against triple negative breast cancer	Applied Nanoscience	12, 69–78 (2022)	2021 2022
Rolla Al-Shalabi, Rana Abu-Huwaij , Rania Hamed, Manal M. Abbas	The antimicrobial and the Antiproliferative Effect of Human Triple Negative Breast Cancer Cells Using the Greenly Synthesized Iron Oxide Nanoparticles	Journal of Drug Delivery Science & Technology	75, 103642	2022
Ahlam Zaid Alkilani, Hana Abu-Zour, Anas Alshishani, Rana Abu-Huwaij , Haneen A. Basheer, Hadeel Abo-Zour	Formulation and evaluation of niosomal alendronate sodium encapsulated in polymeric microneedles: In vitro studies, stability study and cytotoxicity study	Nanomaterials	12, 3570	2022
Rania Hamed, Amani D. Abu Kwiak, Yasmeen Al-Adhami, Alaa M. Hammad, Rana Obaidat, Osama H. Abusara and Rana Abu Huwajj	Microemulsions as Lipid Nanosystems Loaded into Thermoresponsive In Situ Microgels for Local Ocular Delivery of Prednisolone	Pharmaceutics	14, 1975	2022
Rana Abu-Huwaij , Adian Alkarawi, Dima Salman, Furqan Alkarawi	Exploring the use of Niosomes in cosmetics for efficient dermal drug delivery.	Pharmaceutical Development and Technology	Sep;28(7):708-718	2023
Rania Hamed Ruwa Z. Obeid Rana Abu-Huwaij	Plant mediated-green synthesis of zinc oxide nanoparticles: An insight into biomedical applications	Nanotechnology Reviews	98: 143-154	2023
Ruwa Z. Obeid Rana Abu-Huwaij Rania Hamed	Development and Characterization of Anticancer Model Drug Conjugated to Biosynthesized Zinc Oxide Nanoparticles Loaded into Different Topical Skin Formulations	Jordan Journal of Pharmaceutical Sciences	16(2)486	2023
Essra Taybeh, Shereen Hamadneh, Zina Al-Alami, Rana Abu-Huwaij	Navigating miscarriage in Jordan: understanding emotional responses and coping strategies	BMC Pregnancy and Childbirth	23(1)757	2023
Rana Abu-Huwaij Abdullah N. Zidan	Unlocking the potential of cosmetic dermal delivery with ethosomes: A comprehensive review.	Journal of Cosmetic Dermatology	23(1)17–26	2024
AL-Hawamdeh, M.I. Abu-Huwaij, R. Astiti, T.A. Abazeed, O.J. Raees, M.A	Association between COVID-19 vaccines and development of chronic morbidities: a cross-sectional study in the	Current Medical Research and Opinion	16 Jan	2024

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	Jordanian population			
R Abu-Huwaij, M Abed, R Hamed	Innovative transdermal doxorubicin patches prepared using greenly synthesized iron oxide nanoparticles for breast cancer treatment	Materials Technology	39 (1), 2330278	2024
A Shammeri, R Abu-Huwaij, R Hamed	Development and characterization of magnetic hydrogels loaded with greenly synthesized iron-oxide nanoparticles conjugated with cisplatin	Pharmaceutical Development and Technology	1-10	2024
Z Al-Alami, R Abu-Huwaij, S Hamadneh, E Taybeh	Understanding Miscarriage Prevalence and Risk Factors: Insights from Women in Jordan	Medicina	60 (7), 1044	2024
R Hamed, RZ Obeid, RA Huwaij, D Qattan, NA Shahin	Topical gel formulations as potential dermal delivery carriers for green-synthesized zinc oxide nanoparticles	Drug Delivery and Translational Research	1-23	2024

CONFERANCES

Title	Conference Title	Country	Date
الصيدلة آفاق جديدة لمواكبة العصر	Eleventh Jordanian Pharmacy Conference	Amman, Jordan	Sep 2005
-----	The Scientific Pharmaceutical Day	University of Jordan	Sep 2005
-----	Second Jordanian Faculties of Medicine.	Jordan University of Science and Technology	April 2006
نظرة مستقبلية لمهنة الصيدلة (واقع وتطلعات)	The Scientific Pharmaceutical Conference	Royal Jordanian Services	May 2006
-----	First Scientific Pharmaceutical Day	Al-Ahliyya Amman University	May 2006
Promoting Excellence in Higher Education	Al-Hussein Fund For Excellence in Collaboration with The Center for Quality Assurance in International Education	Amman, Jordan	July 2006
-----	Al-Zaytonah International Conference	Al-Zaytonah, University, Jordan	Nov. 2006
-----	Second Scientific Pharmaceutical Day	Al-Ahliyya Amman University, Jordan	May 2007
E-learning & quality education & training: output quality assurance".	Second International Conference and Exhibition	University of Bahrain, Bahrain	April 2008
Quality assurance for All	First Quality Assurance meeting	Imam University Riyadh, KSA	Oct. 2008
Internal Quality Assurance Systems in Higher Education institutions: Reality and Expectations	Second National Conference for Quality in Higher education	Riyadh, KSA	Oct. 2009
Quality Management in Higher Education	Periodical Forum for NCAAA Officials & Quality Directors for Higher Education Institutions	Riyadh, KSA	May, 2011
نعتز بالماضي ونعمل للمستقبل Proud of past and work for future	Seventh International Conference of the Royal Medical Service	Dead Sea, Jordan	Nov, 2014

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Frontiers in the Pharmaceutical Sciences and Pharmacy Practice: A global Perspective	Fifth International Conference in Pharmaceutical Sciences	Al-Zaytonaah University, Jordan	Oct, 2015
Advances in pharmacy & pharmaceutical care	The first international conference of the Jordanian association of faculties of pharmacy	Al-Israa University, Jordan	Oct, 2015
Excellence in Pharmacy Education & Research: A Quality Approach	The 4th international conference of the school of pharmacy. The 2nd conference of the association of Faculties of Pharmacy at Jordan Universities	Jordan University	Oct, 2016
الربيع الصيدلاني AlRabi Al-Arabi	Tenth Scientific Day	Al-Petra University, Jordan	April, 2017
New Horizons in Pharmaceutical Research	Sixth International Conference in Pharmaceutical Sciences	Al-Zaytonaah University, Jordan	Oct, 2017
مؤتمر الدولي الثاني للمؤسسة العامة للغذاء والدواء	JFDA	Vermont-Amman	March, 2018
تعزيز الشراكة بين مقدمي الخدمة ومتلقيها ونشر التوعية حول الميثاق الوطني لحقوق المريض "Strengthening the partnership between service providers and their recipients and raising awareness about the National Platform for Patient Rights	ورشة الائتلاف الصحي لحقوق المريض Health Coalition Workshop	Intercontinental, Jordan	May, 2018
-----	3 rd MENA Conference on Bioequivalence, Biowaivers, Bioanalysis and dissolution"	Sheraton Hotel, Amman, Jordan	Sep., 2018
نحو اطار وطني للمؤهلات الأكاديمية في الأردن (NQF)	نحو اطار وطني للمؤهلات الأكاديمية في الأردن	Jordan University	Oct., 2018
Building Successful Partnerships Between Academia and Industry-Scientific Research and Labor market Needs"	مؤتمر بناء شراكة ناجحة بين التعليم الأكاديمي للصناعة-البحث العلمي ومتطلبات سوق العمل	Grand Amman, Jordan	Oct., 2018
الجودة والاعتماد في التعليم Quality & Education in Teaching	المؤتمر السنوي العاشر للمنظمة العربية لضمان الجودة في التعليم	Marriott Hotel, Amman	Dec., 2018
Future of Pharmaceutical Sciences	Seventh International Conference in Pharmaceutical Sciences	Al-Zaytonaah University, Jordan	Nov., 2019

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Scopus Author Workshop	Presented by Saide Sak, Customer Research & Analytics Consultant Researcher Academy, Elsevier	Al-Ahliyya Amman University	15 October, 2020
Advancing Pharmacy Practice in the Region	7th Annual GCC Pharmacy Congress.	Virtual meeting On Webinar	22-24 October, 2020
Advancing Pharmacy Practice in the Region	8th Annual GCC Pharmacy Congress.	Virtual meeting On Webinar	28-30 October, 2021
Start your study on a path to success	Clarivate webinar	Virtual	Nov. 10, 2021
اليوم العلمي لكلية العلوم الصيدلانية	اضاءات في الممارسة الصيدلانية	The Hashemite University (HU)	June 30, 2022
Bestmedgrape international conference	Bestmedgrape international conference	Beirut – Lebanon Calgary- Italy	11-12 July 2022 11-12 September 2022
المؤتمر الدولي الثالث للدواء	الرؤى الملكية في تحقيق الأمن الدوائي	JFDA, Amman, Jordan	5-6 June 2023
المؤتمر الدولي الأول للمجلس العربي للتنمية المستدامة The First International Conference of the Arab Council for Sustainable Development	دور الجامعات العربية كحاضنات للتنمية المستدامة: الواقع والمأمول The Role of Arab Universities as Incubators for Sustainable Development: Reality and Aspirations	Amman Arab University	29-30 August 2023
16th edition of the Jordanian Pharmaceutical Conference	Pharmacy Profession in the Bicentennial: A Future Vision الصيدلة المنوية الثانية: رؤية مستقبلية	Landmark Hotel, Amman, Jordan	14-16 September 2023
The first international conference for pharmaceutical Sciences	Exploring New Frontiers in Pharmaceutical Sciences	The Hashemite University	25 April 2024

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MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

Name of Organization	Country	Year
Member of the Jordan Pharmaceutical Association	Jordan	1991~ Present
Member of the Scientific Committee for the eleventh Jordanian Pharmacy Conference	Jordan	2006
Member of Pharmaceutical Sciences Academy	Jordan	2006- 2009
Local Advisory Board Member of Jordan Journal of Pharmaceutical Sciences, Bi-annual international refereed journal	Jordan	2007- 2010
Editorial Board of Journal of Drug Design and Medicinal Chemistry	Science Publishing Group, USA	10/2017—2019
Member of the National Committee to Combat Epidemics and Communicable Diseases “Pharmacological research and studies review committee” عضو في اللجنة المؤسسية للمركز الوطني لمكافحة الأوبئة والأمراض السارية “لجنة مراجعة البحوث والدراسات الدوائية”	Jordan	3/2022-3/2023
Member of Post Approval Changes for new drugs committee (PAC)	Jordan Food & Drug Administration, (JFDA)	2017-2019
Chairperson of the Accreditation Committee (To evaluate Khawarizmi University Technical College)	Accreditation and Quality Assurance Commission for Higher Education Institutions (AQACHEI)	Nov., 2019
Graduate College Council Member عضو مجلس كلية الدراسات العليا	Jordan University of Science & Technology, Irbid-Jordan	2018-2020
Student Disciplinary Council عضو مجلس التأديبي للطلبة	Al-Ahliyya Amman University, Jordan	2020-2022
Scientific Committee member for the international conference of ENI-CBC project “BESTMEDGRAPE “funded by EU-ENI CBC	Saint Joseph University of Beirut-Faculty of Science Lebanon.	July 11-12, 2022
Advisory board of Women Health Center المجلس الاستشاري لمركز صحة المرأة	Al-Ahliyya Amman University, Jordan	2021-2022
Member of the Board of Directors, Union of Jordanian Universities for Smoking and Tobacco Control	Jordan	9/2022- present

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UNIVERSITY COMMITTEES

Committee	Name of Organization	Dates
Quality assurance steering committee member	Al-Ahliyya Amman University, Jordan	2006-2007
E-learning steering committee member	Al-Ahliyya Amman University, Jordan	2006 -2008
Graduation ceremony organizer	Al-Ahliyya Amman University, Jordan	2006-2007
Faculty council member	Al-Ahliyya Amman University, Jordan	2005 -2006
Student affairs committee member.	Al-Ahliyya Amman University, Jordan	2005-2006
Qualification exam committee officer	Al-Ahliyya Amman University, Jordan	2005-2007
Quality assurance committee officer	Al-Ahliyya Amman University, Jordan	2005-2007
E-learning committee officer	Al-Ahliyya Amman University, Jordan	2006-2008
Library committee member	Al-Ahliyya Amman University,	2005-2006
Scientific day organizing committee member	Al-Ahliyya Amman University, Jordan	2005-2006
Students with academic difficulties Committee member	Al-Ahliyya Amman University, Jordan	2005-2006
Student counseling committee member	A-Ahliyya Amman University, Jordan	2006-2007
Exams committee member	Saad College of Nursing & Allied Health Sciences, KSA	2006-2007
Curriculum plan committee member	Saad College of Nursing & Allied Health Sciences, KSA	2006-2007
College Council member	Saad College of Nursing & Allied Health Sciences, KSA	2008-2013
Staff representative	Saad College of Nursing & Allied Health Sciences, KSA	2008-2009
Continuing Education Committee Chairperson	Saad College of Nursing & Allied Health Sciences, KSA	2009-2013
Credentialing Committee Vice-Chair	Saad College of Nursing & Allied Health Sciences, KSA	2009-2013
Research Committee member	Saad College of Nursing & Allied Health Sciences, KSA	2009-2013
Marketing Committee member	Saad College of Nursing & Allied Health Sciences, KSA	2008-2012

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Nursing Course Committee member	Saad College of Nursing & Allied Health Sciences, KSA	2008-2013
Graduation Ceremony Committee member	Saad College of Nursing & Allied Health Sciences, KSA	2012-2013
Nursing Program Revalidation Committee	Saad College of Nursing & Allied Health Sciences, KSA	2012-2013
College Quality Council Vice-Chair	Saad College of Nursing & Allied Health Sciences, KSA	2012-2013
اللجنة التوجيهية العليا لضمان الجودة	Al-Ahliyya Amman University, Jordan	2014-2015
Chair of Quality Assurance Committee	Al-Ahliyya Amman University, Jordan	2014 - 2020
Library & website committee Chair	Al-Ahliyya Amman University, Jordan	2020-2021
Alumni committee member	Al-Ahliyya Amman University, Jordan	2020-2022
Research Committee member	Al-Ahliyya Amman University, Jordan	2021-2022
University Council member	Amman Arab University	2022-2023
College Strategic Planning Committee Chair	Amman Arab University	2022-present
Deans Council member	Amman Arab University	2022-present
Committee of Academic Promotion and Recruitment member	Amman Arab University	2022-present
Quality Assurance Council member	Amman Arab University	2022-2023
Supreme Smoking Cessation Committee Chair	Amman Arab University	2022-present
Curriculum Committee Chair	Amman Arab university	2023-present

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WORKSHOPS ATTENDED

Course Title	Organization	Date
Content development for e-learning workshop	Al-Ahliyya Amman University	June/2006
Capacity building project, Promoting Excellence in Higher Education Programs. Al Hussein Fund for Excellence in Collaboration with the Center for Quality Assurance in International Education	Four Seasons Hotel, Amman	July/2006
Becoming a competent Instructional designer for online course	Al-Ahliyya Amman University	Sept/2006
Amman Pharmaceutical Workshop	Al-Ahliyya Amman University	Dec./2006
Learning Management System (LMS)	Al-Ahliyya Amman University	Jan/2007
Course Redesign Strategies workshop, Carlos A Garcia cgarci@acm.org	Al-Ahliyya Amman University	Jan/2007
Research Method & Applied Statistic Survival Analysis workshop	Al-Khobor, KSA	June/2010
Preparation for External Panel Review (NCAAA) workshop.	Jeddah, KSA	January/2011
Strategic Planning Workshop.	Al-Khobar, KSA	March/2011
Quality Center Manager Forum.	Riyadh, KSA	May/2011
Crestcom: stress management, time management, dealing with difficult person, and leadership.	Al-Khobor, KSA	2010-2011
Learning Outcomes & KPIs: Application and Integration	Al-Khobor, KSA	May, 2012
Applied leadership training for directors of the Faculty development and quality assurance centers at Jordanian Universities	Al-Zaytonaah University, Jordan	Feb., 2019
عمليات إدارة الجودة الشاملة (المستوى المتوسط) Total Quality Management Operations	Al-Ahliyya Amman University	Sept. 2019
مقيم جودة تعليم عالي معتمد لدى الهيئة Accredited Higher Education Quality Assessor by the Accreditation & Quality Assurance Commission for Higher Education Institution	Accreditation & Quality Assurance Commission for Higher Education Institution (AQACHEI)	Sept. 2019
Turnitin	Hourani e-learning Center/AAU	Dec. 2019
Human Research Protection Exam	King Hussein Cancer Centre (KHCC)	Aug.,2020
Workshop of "Standards for accreditation and quality of new academic programs" "ورشة عمل بعنوان "معايير اعتماد وجودة البرامج الأكاديمية الجديدة"	Accreditation & Quality Assurance Commission for Higher Education Institution (AQACHEI)	April, 2022
Tobacco control research: opportunities and impact	Amman International Hotel, Amman, Jordan	August, 2023

WORKSHOPS OFFERED

8- Experience in practical training		
Course Title	Organization	Date
Development and in vitro evaluation of bucco-adhesive patches releasing lidocaine hydrochloride	Eleventh Jordanian Pharmacy Conference	September 2005
Enhancing effect of oleic acid on lidocaine hydrochloride permeability across buccal mucosa	Al-Zaytonah International Conference	May 2006
Quality Management Annual Feedback	Al-Khobor, KSA	December 2010
Our journey to accreditation	Al-Khobor, KSA	February 2011
Key features of course specification and course report	Al-Khobor, KSA	December 2011
Quality management feedback and benchmarking	Al-Khobor, KSA	December 2012
Key features of course specification	Faculty of Pharmacy and Allied Medical Sciences/AAU	October 2017
Quality is everyone's responsibility	Faculty of Pharmacy and Allied Medical Sciences/AAU	March 2018
Governance: Challenges & improvement	Faculty of Pharmacy and Allied Medical Sciences/AAU	March 2019
Assessment loop of student learning outcomes	Faculty of Pharmacy and Allied Medical Sciences/AAU	March 2019
Our Journey to Quality	Faculty of Information Technology/AAU	September 2019
Consultant at the ENI-CBC project "BESTMEDGRAPE" funded by EU-ENI CBC.	JSSREC for training/teaching consultation for the project BMG excused in Jordan.	June 2021
"Scientific Research Methodology"	College of Pharmacy, Amman Arab University	October 2022
"Scientific Research Tools".	College of Pharmacy, Amman Arab University	December 2022
"Foundations of Academic Writing in Scientific Research" Workshop for Pharmacy Students	College of Pharmacy, Amman Arab University	March 2023

RESEARCH INTERESTS

- Development, formulation, and characterization of different medicated dosage forms (Patches, nanoemulsions, metallic nanoparticles, and bi-layered tablets)
- In vitro/in vivo diffusion studies
- Quality Management in Higher Education
- Women's health issues

LANGUAGES

- Fluent in speaking and reading English and Arabic

COMMUNITY ACTIVITIES

1. Awareness Campaign "Towards a safe fasting for diabetics" Beneficiaries of the Orphanage Association. April 2022
2. Awareness Campaign "With consciousness we overcome the embarrassment of urinary incontinence". Rawabi Al Salt Association. April 25, 2022
3. Awareness Campaign "Positive relationships and personal hygiene is the secret of our excellence" High School Students / Balqa Governorate Allan Comprehensive Secondary School for Girls. May, 2022
4. Smoking initiative "Yes I am able to stop smoking". Al-Ahliyya Amman University May 31, 2022
5. Charitable Iftar party for the benefit of the children of the Orphan Center in the Sweileh. Jordan. April 2023
6. Free Medical Day at Amman Arab University. May 2023
7. Breast Cancer Awareness Day at Amman Arab University "(A Step Towards Life... Get Tested) providing health services to women in the local community (Salhoub and Marsaa Women's Association) to conduct a free clinical examination at the university's health center clinic. November 2023 <https://www.aau.edu.jo/en/node/5911>
8. Awareness Day at the University of Jordan Hospital "Towards Better Health" Dec. 24, 2023 <https://www.aau.edu.jo/en/node/6066>
9. "Ramadan charity Iftar" for more than (40) orphan children, embodying the spirit of love and cooperation among the members of society, reinforcing the noble human values. April 3, 2024 <https://www.aau.edu.jo/en/node/6315>
10. The First Anti-Smoking Awareness Day at Amman Arab University which carried the slogan "Towards a smoke-free university" May 27, 2024 <https://www.aau.edu.jo/en/news/31130>
11. A Distinguished Free Medical Day at Amman Arab University with the Participation of (40) Physician and Specialized Institutions, June 3, 2024

AWARDS RECEIVED

Award	Institution	Year
Prince Al-Hassan's award for the top student of class 1991 Faculty of Pharmacy	Jordan University of Science and Technology	1991
Faculty of Pharmacy Award of Honour for five consecutive academic years	Jordan University of Science and Technology	1986-1991
University Award of Honour for three academic years	Jordan University of Science and Technology	1986, 1991 1990,
Ranked as the top student on the 1991 class. Jordan University of Science and Technology	Jordan University of Science and Technology	1991
Ranked as the top student on all PhD pharmacy graduate students.	Jordan University of Science and Technology	1998-2005
Graduate scholarship for two years during the Master study, Jordan University of Science and Technology	Jordan University of Science and Technology	1998-2000
Graduate scholarship for four years during the Ph.D study, Jordan University of Science and Technology	Jordan University of Science and Technology	2000-2004
Letter of Appreciation for Best Department in Quality achievement during the department leadership	Saad College of Nursing & Allied Health Sciences Al-Khobar-KSA	2011
Reviewer Acknowledgement award from editor of review of educational research AERA impact factor 5.26 from October 2013-September 2014. Review of educational research December 2014 vol 84 no 4 pp 640-647	USA	2014
Reviewer Acknowledgement award from editor of International Journal of Pharmaceutics IF= 4.845	Elsevier	2015
Acknowledgement from author of "The Journey towards Successful Research in a Diabetes Clinic: Expectations vs. Reality. Mushcab et al., J Health Med Informat 2015, 6:5 DOI 10.4172/2157-7420.1000204	Elsevier	2015
Outstanding Reviewer Acknowledgement award from editor of International Journal of Pharmaceutics IF= 4.845	Elsevier	2017
Research grant of 48000 JD for the project "Development of buccoadhesive bilayered tablets releasing valsartan"	Deanship of Research, Al-Ahliyya Amman University	2015-2017
Research grant of 52000 JD for the project "Synthesis of zeolite P for drug delivery applications	Deanship of research, Al-Ahliyya Amman University	2018-2020

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Distinguished Faculty of Pharmacy Alumni Achievement Award at Jordan University of Science & Technology	Jordan University of Science and Technology	2018
Reviewer Recognition Certificate from editor of International Journal of Pharmaceutics IF= 5.875	Elsevier	2018
Reviewer Recognition Certificate from editor of Journal of Drug delivery science & technology IF=3.95	Elsevier	2018
First Place Award at the Scientific Research Day for the Poster “The anticancer and antimicrobial activities of eco-friendly coated magnetic iron oxide nanoparticles prepared from Spinacia oleracea leaves extract” submitted by the Rolla Al-Shalabi (Thesis of MSc student supervised by Dr. Rana Abu-Huwajj).	Faculty of Pharmacy, Al-Ahliyya Amman University	2021
Research grant of 50000 JD for the project “Novel RanDx for predicting metastasis in Jordanian Females with Breast Carcinoma”	Scientific Research Fund- Ministry of Higher Education/Jordan	2023-2021

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GRADUATE STUDENTS SUPERVISION

Degree	Thesis Title	Student Name	Organization
External examiner for			
Master of Pharmaceutical Sciences August, 2015	Development and optimization of Diclofenac Diethylamine Nanoemulsion-Based gel formulation	Marwa Basil Al-Zabin	Al-Zaytoonah University of Jordan
Master of Pharmaceutical Technology May, 2017	Enhancing dissolution of Curcumin by Solid dispersion method and freeze-drying technique using Inulin and Neusilin as carriers.	Osama Mahmoud Abu-Souad	Jordan University of Science and Technology
Master of Pharmaceutical Sciences May, 2019	Development of Dual release Pellets of non-steroidal Anti-inflammatory Drug Celocoxib	Haitham Omran	Al-Zaytoonah University Of Jordan
Master of Pharmaceutical Technology August, 2019	Preparation & Characterization of Lercsnidipine nanosuspension using high pressure homogenizer	Baraa Wael Ibraheim	Jordan University of Science and Technology
Master of Pharmaceutical Sciences August, 2020	Development of biomaterial used in urinary catheter to prevent microbial adhesion: effect of drug type	Wasan Ibrahim Alwahsh	Al-Zaytoonah University of Jordan
Master of Pharmaceutical Technology March, 2021	Preparation and characterization of metronidazole and ibuprofen in situ microgel for the treatment of periodontitis	Amani Abu-Kwaik	Jordan University of Science and Technology
Master of Pharmaceutical Sciences August, 2022	Dermal delivery of an antiwrinkle agent using Nano emulsion loaded dissolving microneedles	Baraah Jihad Abu-Nahiah	Al-Zaytoonah University of Jordan
Master of Pharmaceutical Sciences August, 2022	Formulation and characterization of a transdermal delivery system for clarithromycin	Batool Nidal Musleh	Al-Zarqa University
Master of Nanoscience and engineering August, 2022	A biosensor using carbon nanotube/gold nanoparticles to detection HER2 protein in breast cancer	Manar Ajlouni	Jordan University of Science and Technology
Master of Pharmaceutical Sciences August, 2022	The effect of antenatal psychological stress on maternal health status in Mafraq hospital and Princess Badea hospital	Mays Shdefat	Al-Israa University

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Master of Nanoscience and engineering September, 2023	Detection of prostate-specific antigen by using a biosensor based on a screen printed electrode modified with silver nanoparticles or graphene oxide nanoparticles	Shathar Alobeidat	Jordan University of Science and Technology
Co-advisor for			
Master of Pharmaceutical Sciences January, 2020	Development of topical patches releasing Allicin	Batool Mahdi	Al-Ahliyya Amman University
Master of Medical Laboratory Sciences January, 2022	Analysis of the Antimicrobial Activity of Zinc Oxide Nanoparticles and Their Applications in Disinfection Process.	Dalia Alqaffaf	Al-Ahliyya Amman University
Master of Pharmaceutical Sciences January, 2023	Development and characterization of anticancer model drug conjugated to biosynthesized zinc oxide nanoparticles loaded into different topical skin formulation	Rowaa Obaid	Al-Zaytoonah University of Jordan
Supervisor for			
Master of Pharmaceutical Sciences May, 2020	Development of buccoadhesive patches releasing atorvastatin	Aseel Abu-Rumman	Al-Ahliyya Amman University
Master of Pharmaceutical Sciences December, 2020	Development of zinc oxide nanoparticles using the root hair extract of <i>Phoenix dactylifera</i> and studying their antimicrobial and anticancer activities.	Rania Naser	Al-Ahliyya Amman University
Master of Pharmaceutical Sciences May, 2021	Preparation of eco-friendly coated magnetic iron oxide nanoparticles using <i>Spinacia oleracea</i> leaves and studying their anticancer activity	Rola Al-Shalabi	Al-Ahliyya Amman University
Master of Pharmaceutical Sciences May, 2021	Preparation of eco-friendly magnetic iron oxide nanoparticles using banana peels and study the anticancer and antimicrobial activities	Furqan Jassem	Al-Ahliyya Amman University
Master of Pharmaceutical Sciences Feb., 2022	Green development of transdermal patches using eco-friendly coated iron-oxide nanoparticles loaded with doxorubicin	Maymona Shakir Abed	Al-Ahliyya Amman University
Master of Pharmaceutical Sciences Feb., 2022	Development of transdermal patches releasing Itraconazole	Ali Nazal	Al-Ahliyya Amman University
Master of Pharmaceutical Sciences Feb., 2022	Development of magnetic gel containing iron-oxide nanoparticles loaded with cisplatin	Ali Raed Dhahir	Al-Ahliyya Amman University

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Master of Pharmaceutical Sciences June., 2022	Utilization of Onion Peels in Preparation of Eco-friendly Iron Oxide Nanoparticles for lung Cancer Therapy	Hanan Rafid Abdulhaleem	Al-Ahliyya Amman University
Master of Pharmaceutical Sciences June., 2022	Recycling the local grape pomace extract into silver nanoparticles and studying their activity against the triple-negative breast cancer	Luna Ghaiath Al-Turjman	Al-Ahliyya Amman University

Reviewer for International Indexed Journals

Year	Title	Journal
January 17, 2008	Effect of oleic acid on the micellar behaviour and drug release from pluronic F-127 gels.	International Journal of Pharmaceutics
February 2008	Evaluation of glutamine transbuccal absorption by reconstituted human oral epithelium and porcine tissue as buccal mucosa model.	Drug Development and Industrial Pharmacy Journal
May 24, 2008	Mathematical Evaluation for the Effect of Temperature on the Alkaline Hydrolysis of Benzyl Acetate.	International Journal of Pharmaceutics
August 2008	Design and Evaluation of Tizanidine buccal mucoadhesive Patches.	Asian Journal of Pharmaceutics
January 2009	Skin Penetration Enhancement Techniques.	Asian Journal of Pharmaceutics
February 2009	Formulation and Evaluation of Novel Mucoadhesive Ketorolac Tromethamine Liquid Suppository.	African Journal of Pharmacy and Pharmacology
Sep 10, 2009	Morphological Effect of Lipid Carriers on Permeation of Lidocaine Hydrochloride through Lipid Membranes.	International Journal of Pharmaceutics
August 2010	Optimized Formulation for Topical Administration of Clotrimazole Using Pemulen Polymeric Emulsifier.	Drug Development and Industrial Pharmacy
August 2010	Bioadhesive properties of β -limit dextrin.	International Journal of Pharmaceutics
Sep. 28, 2010	Ex vivo drug permeation studies through different porcine buccal mucosa.	International Journal of Pharmaceutics
Jan.17, 2011	Ex vivo drug permeation studies through different porcine buccal mucosa.	International Journal of Pharmaceutics
Feb. 2012	Development of buccoadhesive drug delivery system for BCS class IV drug by applying A 22 full factorial design.	Drug Development and Industrial Pharmacy Journal
March 2013	The influence of Functional Carrier Particles (FCPs) on the molecular transport rate through reconstructed bronchial mucus.	International Journal of Pharmaceutics
June 2013	Preparation and Characterization of Polymeric Mucoadhesive Film for Buccal Administration.	British Journal of Pharmaceutical Research.

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April 2014	New amphotericin B-gamma cyclodextrin formulation for topical use with synergistic activity against diverse fungal species and Leishmania.	International Journal of Pharmaceutics
April 2014	A Theoretical Review of Singapore's Large-scale Educational Research Program: A Critical Realist Perspective".	Review of Educational Research
October 2015	A facile system to evaluate in vitro drug release from dissolving microneedle arrays.	International Journal of Pharmaceutics
March 2016	Application of a catenary PBPK model to predict the disposition of "catch and release" anti-PCSK9 antibodies	International Journal of Pharmaceutics
March 2017	Enhancement of solubility and dissolution rate of baicalein, wogonin and oroxylin A extracted from Radix scutellariae.	International Journal of Pharmaceutics
July 2018	Evaluation Of DMSO And Aloe Vera As Penetration Enhancers For Cutaneous Application Of Lidocaine.	Jordan Journal of Pharmaceutical Science
Sep. 21, 2018	Controlled-release formulations of Carvedilol-loaded Oleogels	Journal of Drug Delivery Science & Technology
June 2019	Microparticles Sustained Release Ion Pair Formulations; General review	Jordan Journal of Pharmaceutical Science
August 2019	Microemulsion and Bovine Serum Albumin Nanoparticles (BSANPs) as Novel Hybrid Nanocarrier System for Paclitaxel (PTX) Targeted Delivery to Breast Cancer	Pharmaceutical Development and Technology
Nov. 2019	Synthesize and evaluation of biological properties (apoptosis, antioxidant and Angiogenesis) of Citrus Lemon essential oil nanoemulsion	Journal of Microencapsulation
Feb. 2020	In vitro and in vivo studies of micro-depots using tailored microemulsion for sustained local anaesthesia	Pharmaceutical Development and Technology
July & Oct. 2020	Application of the Human stratum corneum lipid-based mimetic model in assessment of drug-loaded nanoparticles for skin administration	International Journal of Pharmaceutics
July 2020	Formulation and Characterization Self-Nanoemulsifying Drug Delivery System of Eleutherine palmifolia Extract Using Miglyol 812 and Virgin Coconut Oil (VCO) as Carrier Oil"	Jordan Journal of Pharmaceutical Sciences
July & Aug. 2020	Nano, micro, and cosmetic particulate delivery system of poly lactic-acid: a general review	Journal of Cosmetic Dermatology
July 2020	Development and evaluation of telmisartan loaded chitosan nanoparticles for sustained release	Jordan Journal of Pharmaceutical Sciences

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Aug. 2020	Rheological and in vitro release measurements of manufactured acyclovir 5% creams: confirming sensitivity of the in vitro release	AAPS pharmscitech
Oct. 2020	Formulation and Evaluation of Herbal Anti-Dandruff Shampoo from Ziziphus spina-christi Leaves Extract.	Jordan Journal of Pharmaceutical Sciences
March 2021	Injectable in situ forming hydrogels incorporating dual-nanoparticles for chemo-photothermal therapy of breast cancer cells	International Journal of Pharmaceutics
April 18, 2021	Azelaic acid loaded natural polymer-based hydrogels for acne treatment: formulation, characterization, in vitro-ex vivo evaluation	AAPS pharmscitech
July 7, 2021 Sept. 7, 2021	Development and Validation of HPLC Method for Efinaconazole: Application to Human Nail Permeation Studies	AAPS pharmscitech
July 10, 2021	L-cysteine capped ZnO nanoparticles induced cellular response on A549 cells using conventional and organ-on-a-chip approach	International Journal of Pharmaceutics
August 23, & Dec 25, 2021	Monolaurin loaded gel-like microemulsion for oropharyngeal candidiasis treatment: structural characterization and in vitro antifungal property	AAPS pharmscitech
Sept. 25, 2021	Antiproliferative activity of Vateria indica (L.) phytochemical influenced AgVI and Ag/ZnOVI nanostructures against Human Triple-negative breast cancer cells	International Journal of Pharmaceutics
Oct. 4, 2021	Formulation and characterization of Loxoprofen topical nanosponges	AAPS pharmscitech
Oct. 31, 2021	Understanding of the readiness for HTA implementation in Jordan as a step toward universal health coverage	Jordan Medical Journal
Feb. 10, 2022	Alopecia areata after CoronaVac vaccination	Journal of Cosmetic Dermatology.
Feb.26, May 3, May 26 2022	Biomimetically synthesized Physalis minima fruit extract-based zinc oxide nanoparticles as eco-friendly biomaterials for biological applications	Journal of Drug Delivery Science and Technology
Jan 02, 2022	AgVI and Ag/ZnOVI nanostructures from Vateria indica (L.) exert antioxidant, antidiabetic, anti-inflammatory and cytotoxic efficacy on triple negative breast cancer cells in vitro	International Journal of Pharmaceutics

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March 28, 2022	Formulation, physicochemical and biological characterization of etoposide-loaded submicron emulsions with biosurfactant of sophorolipids	AAPS pharmscitech
April 22, June 25, 2022	Efficacy and tolerability of a novel skin cream for improving periocular rhytids and dryness	Journal of Cosmetic Dermatology.
May 28, 2022	Antibacterial activity of green gold and silver nanoparticles using ginger root extract	Bioprocess and Biosystems Engineering
June 27, 2022	Development of Triphala churna extract mediated iron oxide nanoparticles as novel treatment strategy for triple negative breast cancer	Journal of Drug Delivery Science and Technology
March 3, 2023	Development of Abelmaschus esculentus L Based Nanoparticles For Bioavailability enhancement of Rizatriptan Benzoate via Nasopulmonary route.	AAPS pharmscitech
June 11, 2023	Development of pH-sensitive Nanoparticle Incorporated into Dissolving Microarray Patch for Selective Delivery of Methotrexate	AAPS pharmscitech

REFERENCES

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