

CURRICULUM VITAE

PERSONAL:



Name **Abla Albsoul-Younes, Ph.D**
Position and Title: Chair, Pharmaceutical care section, Jordan University
Hospital
Professor of Pharmacology and Therapeutics
Department of Biopharmaceutics and Clinical Pharmacy
Faculty of Pharmacy
The University of Jordan,
Amman, 11942,
Jordan
Marital status: Married
Work Address: Department of Biopharmaceutics and Clinical Pharmacy
Faculty of Pharmacy
The University of Jordan,
Amman, 11942
Jordan
Residence Address: 1905#3 Imeh street, Alkoom
Shafa Badran, Amman, Jordan
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ablabsou@ju.edu.jo

EDUCATION

- 1987 Jordanian Tawjihi certificate, Scientific stream, Ain Jalout public high School, Irbid, Jordan, grade point average (**GPA**) **94.7%**
- 1992 B.Sc., Pharmacy, Jordan University of Science and Technology (JUST), Faculty of Pharmacy, Irbid, Jordan, GPA 90.3, **graduated first on class**
- 1999 Ph.D., Pharmacology, Department of Pharmacology, College of Medicine, University of Illinois at Chicago, USA, **GPA 5/5 and received best accomplishment award.**

POSITIONS

Current position:

December, 2010 to present Chair, Pharmaceutical care section, Jordan University Hospital
Professor of Pharmacology and Therapeutics
Department of Biopharmaceutics and Clinical Pharmacy
Faculty of Pharmacy
The University of Jordan,

Previous Managerial Positions:

September, 2000- August, 2004 Chair, Department of Clinical Pharmacy Faculty of pharmacy, JUST, Irbid, Jordan

February 2006- September 2006 Chair, Department of Clinical Pharmacy Faculty of pharmacy, JUST, Irbid, Jordan

2009-2010 Chair, Department of Biopharmaceutics and Clinical Pharmacy Faculty of Pharmacy The University of Jordan,

September – December 2010 Assistant dean for Pharm D and hospital affairs, Department of Biopharmaceutics and Clinical Pharmacy Faculty of Pharmacy The University of Jordan,

January –May 2014 Chair, pharmacy department, Jordan University Hospital The University of Jordan,

Previous Academic employment:

March, 1992- October, 1993 Research and Teaching Assistant, Department of Pharmaceutics, Faculty of Pharmacy, JUST, Irbid, Jordan

January, 1994 - 1998 Teaching Assistant, Department of Pharmacology, College of Medicine, University of Illinois at Chicago, USA

- February, 1999 - July, 2005 Assistant professor, Faculty of Pharmacy, JUST, Irbid, Jordan
- July, 2005-September, 2008 Associate professor, Faculty of Pharmacy, JUST, Irbid, Jordan
- September, 2000-August, 2004 Chair, Department of Clinical Pharmacy Faculty of pharmacy, JUST, Irbid, Jordan
- July, 2005 Associate professor
Rank granted (July 2005), and Tenure awarded (October 2006),
Department of Clinical Pharmacy
Faculty of pharmacy, JUST, Irbid, Jordan
- 2006- 2007 Fulbright Visiting Scholar, Department of Anatomy and Cell Biology,
College of Medicine, University of Illinois at Chicago, USA

ACADEMIC AND ADMINSTRERATIONAL ACCOMPLISHMENTS:

- 1999 Designing the first Jordanian Master program in Clinical Pharmacy and implementing it, at the Faculty of Pharmacy, JUST
- 2000 Establishing the first independent Clinical pharmacy Department at the Faculty of Pharmacy, JUST
- 2000-2006 Designing Doctor of Pharmacy curriculum and instruction in consultation with Department of clinical pharmacy at the University of Iowa. Implementation of the doctor of pharmacy program (in the year 2000), and monitoring study plan.

HONORS:

- 1988-1992 Faculty of Pharmacy **Honor List** (every semester, for 9 semesters), JUST, Jordan
- 1988-1992 **University Honor List** (every year, for 5 years), JUST, Jordan
- 1992 Graduated **First on Class**, Received a Royal Present on Graduation. Jordan
- 1993 **JUST Scholarship** to peruse Ph.D. Pharmacology in USA
- 1998 **Klaus R. Unna Award** for Outstanding Research Accomplishments as a Graduate Student, Department of Pharmacology, University of Illinois at Chicago, USA
- 2006-2007 **Fulbright research Scholarship**, UIC, Chicago, IL, USA
- 2011 **Distinguished researcher award**, University of Jordan, Jordan

RESEARCH INTERESTS:

- Pharmacy practice in Jordan, patients' awareness, improved efficacy and tolerability with proper use of drugs.
- Neuroscience: Signal transduction and ion channels physiology and pharmacology.
- Wound healing and wound management, mainly in diabetic patients.

PUBLICATIONS

PhD thesis:

Abla Albsoul-Younes, Ph. D. Thesis, Activation of a G-Protein-Coupled Inward Rectifier Potassium Channels in Cultured Brain Neurons, Department of Pharmacology, University of Illinois at Chicago, 1998

Peer-reviewed original research publications:

1. Watanabe SY, **Albsoul-Younes AM**, Kawano T, Itoh H, Kaziro Y, Nakajima S, Nakajima Y. Calcium phosphate-mediated transfection of primary cultured brain neurons using GFP expression as a marker: application for single neuron electrophysiology. *Neurosci Res.* 1999 Jan;33(1):71-8. PMID: 10096474
2. **Albsoul-Younes AM**, Sternweis PM, Zhao P, Nakata H, Nakajima S, Nakajima Y, Kozasa T. Interaction sites of the G protein beta subunit with brain G protein-coupled inward rectifier K⁺ channel. *J Biol Chem.* 2001 Apr 20; 276(16):12712-7. Epub 2001 Jan 17. PMID: 11278861
3. Younes N, Al- Hadidi S, **Albsoul A**, Abu Salah T. New scoring system for Diabetic Foot Ulcers. *Jordan Medical Journal* 2002; 36(1):22-28.
4. Bajic D, Koike M, **Albsoul-Younes AM**, Nakajima S, Nakajima Y. Two different inward rectifier K⁺ channels are effectors for transmitter-induced slow excitation in brain neurons. *Proc Natl Acad Sci U S A.* 2002 Oct 29;99(22):14494-9. Epub 2002 Oct 21. PMID: 12391298
5. **Albsoul-Younes AM**, Saleh F, El-Khateeb W. Perception of efficacy and safety as determinants for use and discontinuation of birth control methods in Muslim Jordanian women. *Eur J Contracept Reprod Health Care.* 2003 Sep;8(3):156-61. PMID: 14667327
6. Younes NA, **Albsoul AM**. Surgery versus pharmacotherapy of benign thyroid diseases. *Saudi Med J.* 2003 May;24(5):453-9. PMID: 12847617

7. **Albsoul-Younes AM**, Jabateh SK, Abdel-Hafiz SM, Al-Safi SA. Awareness and frequency of potential side effects on nonsteroidal anti-inflammatory drugs among the Jordanian patient population. *Saudi Med J*. 2004 Jul;25(7):907-11. PMID: 15235698
8. Younes NA, **Albsoul AM**. The DEPA scoring system and its correlation with the healing rate of diabetic foot ulcers. *J Foot Ankle Surg*. 2004 Jul-Aug;43(4):209-13. PMID: 15284808
9. **Albsoul-Younes AM**, Al-Ramahi RJ, Al-Safi SA. Frequency of anemia in pregnancy in Northern Jordan. *Saudi Med J*. 2004 Oct;25(10):1525-7. PMID: 15494849
10. **Albsoul-Younes AM**, Salem HA, Ajlouni SF, Al-Safi SA. Topiramate slow dose titration: improved efficacy and tolerability. *Pediatr Neurol*. 2004 Nov;31(5):349-52. PMID: 15519117
11. **Albsoul-Younes AM**, Al-Doghim IA, Al-Safi SA, Najada AS. Improving quality of life in asthmatic children. *Indian J Pediatr*. 2004 Dec;71(12):1075-8. PMID: 15630314
12. Younes NA, **Albsoul AM**, Awad H. Diabetic heel ulcers: a major risk factor for lower extremity amputation. *Ostomy Wound Manage*. 2004 Jun;50(6):50-60. PMID: 15218204
13. Khasawneh NF, Al-Safi S, **Albsoul-Younes A**, Borqan ON. Clustering of coronary artery disease risk factors in Jordanian hypertensive patients. *Saudi Med J*. 2005 Feb;26(2):215-9. PMID: 15770293
14. **Albsoul-Younes A**, Tayyem R, Najib N. Variable omeprazole kinetics in healthy Jordanian adults. *Biopharm Drug Dispos*. 2005 May 20;26(5):183-188. PMID: 15906422
15. Wazaify M, **Albsoul-Younes A**. Pharmacy in Jordan. *Am J Health Syst Pharm*. 2005 Dec 1;62(23):2548. PMID: 16303915
16. Wazaify M, Matowe L, **Albsoul-Younes A**, Al-Omran O. Pharmacy Education in Jordan, Saudi Arabia, and Kuwait. *Am J Pharm Educ* 2006; 70(1) Article 18.

17. Zhao Q, **Albsoul-Younes AM**, Zhao P, Kozasa T, Nakajima Y, Nakajima S. Dominant negative effects of a Gbeta mutant on G-protein coupled inward rectifier K⁺ channel. *FEBS Lett.* 2006 Jul 10; 580(16):3879-82. Epub 2006 Jun 16. PMID: 16797547
18. **Albsoul-Younes A**, Younes NA, Badran DH. Topical phenytoin ointment increases autograft acceptance in rats. *Saudi Med J.* 2006 Jul; 27(7):962-6. PMID: 16148706
19. Younes N, **Albsoul A**, Badran D, Obedi S. Wound bed preparation with 10 percent phenytoin ointment increases the take of split-thickness skin graft in large diabetic ulcers. *Dermatol Online J.* 2006 Oct 31;12(6):5. PMID: 17083885
20. **Albsoul-Younes A**, Wazaify M, Alkofahi A. Pharmaceutical care and practice in Jordan in the new millennium. *Jordan Journal of Pharmaceutical Sciences* 2008; 1(1):83-91.
21. Wazaify M, **Al-Bsoul-Younes A**, Abu-Gharbich E, Tahaineh L. Societal perspectives on the role of community pharmacists and over-the-counter drugs in Jordan. *Pharm World Sci.* 2008 Dec;30(6):884-91. Epub 2008 Aug 6.
22. Tahaineh LM, Wazaify M, **Albsoul-Younes A**, Khader Y, Zaidan M. Perceptions, experiences, and expectations of physicians in hospital settings in Jordan regarding the role of the pharmacist. *Res Social Adm Pharm.* 2009 Mar; 5(1):63-70. Epub 2009 Jan 21.
23. **Albsoul-Younes A**, Wazaify M, Yousef A, Tahaineh L. Abuse and misuse of prescription and nonprescription drugs sold in community pharmacies in Jordan. *Substance Use & Misuse.* 2010; 45(09), pp. 1319 - 1329. DOI: 10.3109/10826080802490683.
24. Wazaify M, **Albsoul-Younes A**, Hakooz N. Improving pharmacy education at the Public Faculties of Pharmacy in Jordan: Students' experience and expectations. *Pharmacy Education*, March 2010; 10 (2): 107 - 113

25. Tahaine L, A, **Albsoul-Younes A**, Al-Ashqar E, Habeb A. The role of clinical pharmacist on lipid control in dyslipidemic patients in North of Jordan. *International Journal of Clinical Pharmacy* Apr 2011; 33(2):229-236
26. **Albsoul-Younes AM**, Hammad EA, Yasein NA, Tahaine LM. Pharmacist-physician collaboration improves blood pressure control. *Saudi Med J*. 2011 Mar; 32(3):288-92.
27. Hammad E, Yasein N, Tahaine L, and **Albsoul-Younes A**. A Randomized Controlled Trial to Assess Pharmacist-Physician Collaborative Practice in the Management of Metabolic Syndrome in a University Medical Clinic in Jordan. *J Manag Care Pharm*. 2011 May; 17(4):295-303.
28. **Abla Albsoul-Younes**, Linda Tahaineh, Basima Moumani. Parents' knowledge, perception, and practices of over-the-counter medicines used for their children. *Jordan Journal of Pharmaceutical Sciences* September 2011; 4(3):181-189.
29. Tahaine L, **Albsoul-Younes A**, Ilaifel M, Shehabi I. Evaluating Unfractionated Heparin Fixed Dosing Protocol and Establishing an Institutional Therapeutic Range for UFH in Hospital Setting in Jordan. *Clin Appl Thromb Hemost*. 2014 Jan;20(1):73-7.
30. . Sharaideh R, Wazaify M, **Albsoul-Younes A.M**. Knowledge, attitude and practice of children in Amman/Jordan toward the appropriate use of medicines. A cross-sectional study. *Saudi Pharmaceutical Journal* 2013; 21 (1), 25
31. Jaber D, **Albsoul-Younes A**, Wazaify M. Physician's knowledge, attitude, and practice about management of medications in intermittent fasting. *Eastern Mediterranean Journal* 2014; 20 (1), 56-62
32. Nada A. Yasein, **Abla Albsoul-Younes**, Farihan F. Barghouti, Wejdan . Shroukh. The Use of Herbs by Elderly Patients with Metabolic Syndrome in a Family Medicine clinic" (paper number: GS-6109221), accepted 12/11/2012.

33. Kawano T, Jones N.M, Floreani C.V, **Albsoul-Younes** A.M, Yongsatirachot P, Nakajima S, and Nakajima Y. Single-cell RT-PCR analysis of canonical transient receptor potential (TRPC) channel mRNAs expressed in cholinergic, dopaminergic, noradrenergic, and serotonergic neurons in the rat brain. In process.

RESEARCH SUPPORT:

Current and Previous Independent Research Grants:

#grant, and year given	Granted amount in JD	Source of funding & Title of project
26/2006-2007	10,000	JUST/deanship of research. Warfarin drug monitoring in anticoagulated patients.
7/969 2005-2008	5,000	JU/deanship of research. Jordanian public awareness regarding use of nonprescription drugs.
38/HMC/JU 2003-2008	6,000	Hamdi Manko center for research, JU. Phenytoin effect on skin healing.
240/1999-2003	12,000	JUST/deanship of research. Growth modulation of cells by drugs
	116,000	Scientific research support funds. Jordanian epilepsy project.

PROJECTS WITH MASTER STUDENTS

Supervised master students thesis:

1. PRINCIPLE SUPERVISOR:			
#	Year granted/ Amount (JD)	Student's name	MASTER THESIS TITLE
1)	2009/ 600	Deema Jaber ديمة جبر حسين	PHYSICIANS' KNOWLEDGE, ATTITUDE AND PRACTICE ABOUT MANAGEMENT OF MEDICATIONS IN RAMADAN IN JORDAN
2)	2009/	Eman Abed Al	CLINICAL PHARMACIST ROLE IN THE MANAGEMENT OF HYPERTENSION AND

	680	Qader ايمان عبد القادر	METABOLIC SYNDROME FOR OPTIMUM TREATMENT OUTCOMES IN JORDAN
3)	2009/ 1500	Rabia Jameel ربيعة جميل عبد الوالي	THE IMPACT OF DONORS AND RECIPIENTS GENOTYPE ON TACROLIMUS PHARMACOKINETICS AMONG LIVER TRANSPLANT PATIENTS IN JORDANIAN POPULATION.
4)	2009/ 1400	Hiam Salim هيام سالم خليف الهقيش	THE EFFECT OF CONTROLLING HYPERGLYCEMIA ON THE MORBIDITY AND MORTALITY OF INTENSIVE CARE UNIT (ICU) PATIENTS
5)	2010/	Ali Alyahawi علي عبدالله اليحوي	THYROID CANCER TRENDS AND INCIDENCE RATES IN JORDAN
6)	2010/ 500	Saba Mohsen سبا محسن محمد	PATTERNS OF PRESCRIPTION AND DRUG DISPENSING
7)	2010/ 2900	Neris Hakuz نرس موسى هاكوز	THE ROLE OF TIGHT GLYCEMIC CONTROL ON DIABETIC FOOT HEALING
8)	2011/ 1300	Ahmad Showman أحمد فارس شومان	ROLE OF CLINICAL PHARMACIST IN CONTROL OF VOLUME OVERLOAD PATIENTS
9)	2011/ 1700	Reema Hijazeen ريما حجازين	ROLE OF CLINICAL PHARMACIST IN GLYCEMIC CONTROL IN GENERAL SURGERY PATIENTS
10)	2011	Batoul Hadad بتول عادل عيسى حداد	THE ROLE OF CLINICAL PHARMACIST IN INFECTION CONTROL IN DIABETIC FOOT INFECTIONS & SURGERY PATIENTS
11)	2011	Bonyan Qudah بنيان قضاة	ROLE OF CLINICAL PHARMACIST IN THE MANAGEMENT OF HYPERTENSION IN CHRONIC KIDNEY DISEASE PATIENTS
12)	2011/2012 1500	Bader Rimawi بدر ريموي	THE ROLE OF CLINICAL PHARMACIST IN THE CONTROL OF BLOOD SUGAR IN DIABETIC PATIENTS DURING THE MONTH OF RAMADAN.

13)	2011/2012 / 360	Ruba Wishah ربا وشاح	THE ROLE OF CLINICAL PHARMACIST IN INITIATION AND DOSE TITRATION OF ORAL HYPOGLYCEMIC AGENTS IN PATIENTS WITH TYPE 2 DIABETES
14)	2011/2012 1200	Sumia Abu Loha سمية ابو لوحه	THE ROLE OF CLINICAL PHARMACIST IN INITIATION AND TITRATION OF INSULIN DOSES IN DIABETIC PATIENT
15)	2011	Nouf Al-enezi نوف العنزي	EVALUATION OF JORDANIAN PHARMACISTS COUNSELING BEHAVIOUR AND CONTENT IN THE JORDANIAN UNIVERSITY HOSPITAL
16)	2011/2012	Rami Alselawi رامي السيلوي	ESTABLISHMENT OF REFERENCE INTERVALS FOR LIVER AND KIDNEY FUNCTION TESTS OF HEALTHY ADULT JORDANIAN VOLUNTEERS
17)	2012	Lama Aldamen رامي السيلوي	DEVELOPMENT OF (DIABA-TEC) PROGRAM AND VALIDATION OF IT'S INSULIN TITRATION PART IN TYPE 2 DIABATIC PATIENTS IN GENERAL MEDICAL WARD IN HOPTILAZED SETTING WHO ARE EATING NORMAL DIET
18)	Since 2013	Lubna Gharaibeh لبنى غرايبة	EVALUATION OF VTE PROPHYLAXIS IN THE JORDAN UNIVERSITY HOSPITAL, APPROPRIATENESS AND COST EFFECTIVENESS
19)	Since 2013	Shalya Omar شاليا عمر	FEAR OF HYPOGLYCEMIA AMONG DIABETICS AND THEIR TREATING PHYSICIANS
20)	Since 2013	Amer Murtaja عامر مرتجي	EVALUATION OF NURSES' ERRORS ASSOCIATED IN THE PREPARATION AND ADMINISTRATION OF INTRAVENOUS DRUGS BEFORE AND AFTER PROTOCOL IMPLEMENTATION IN A PEDIATRIC INTENSIVE CARE UNIT AT JORDAN UNIVERSITY HOSPITAL
21)	Since 2013	Hanan Sartawi حنان سرطاوي	STILL IN PROCESS: ROLE OF CLINICAL PHARMACIST IN ELECTROLYTE MANAGEMENT IN HOSPITALIZED PATIENTS
22)	Since 2013	Razan Tubaileh رزان طيبة	STILL IN PROCESS
2. CO-SUPERVISOR:			
23)	2010/	Rawia Nazeih	PROMOTION OF APPROPRIATE KNOWLEDGE AND ATTITUDE TOWARDS MEDICINES AMONG SCHOOL CHILDREN AND THE ROLE OF TEACHERS.

		راوية الشرايدة	
24)	2009/ 10,000	Ala Jebrel Habeb الاء حبيب	THE ROLE OF CLINICAL PHARMACIST ON LIPID CONTROL IN HYPERLIPIDEMIC PATIENTS IN NORTH JORDAN
25)	2009/	Muna Barakat منى بركات	HIGHLIGHTING THE MAIN NEEDS IN PROMOTING APPROPRIATE MEDICATION USE AMONG CHILDREN IN JORDAN
26)	2010/ 8,100	Mais Iflaifel ميس فليفل	CLINICAL PHARMACIST ROLE IN ESTABLISHING AN INSTITUTIONAL THERAPEUTIC RANGE FOR UNFRACTIONATED HEPARIN (UFH) AND EVALUATING UFH FIXED DOSING PROTOCOL ON ADVERSE DRUG REACTIONS AND EFFICACY.
27)	2010/	Dana Sameeh دانة سميح	THE ROLE OF THE CLINICAL PHARMACIST IN THE IDENTIFICATION AND MANAGEMENT OF CORTICOPHOBIA AMONG PATIENTS AND CORTICOSTEROIDS PRESCRIBING ATTITUDES AMONG HEALTH CARE PROVIDERS.

Internationally accepted and published (peer reviewed) abstracts:

1. **A. M. Albsoul-Younes**, P. M. Sternweis, P. Zhao, H. Nakata, S. Nakajima, Y. Nakajima and T. Kozasa. Interaction sites of GB with Brain GIRK. Biophysical J. 2001; 80:56a
2. D. Bajic, M. Koike, **A. Albsoul-Younes**, S. Nakajima, Y. Nakajima. Two different inward rectifier potassium channels are inhibited by substance P in nucleus basalis neurons. Biophysical J. 2002; 82:592a
3. Q. Zhao, **A. Albsoul-Younes**, P. Zhao, T. Kozasa, Y. Nakajima, S. Nakajima. Identification of dominant negative mutant of G protein B subunit. Soc. For Neuroscience Abstract 2003; program No. 899.12
4. Q. Zhao, **A. Albsoul-Younes**, P. Zhao, T. Kozasa, Y. Nakajima, S. Nakajima. Blocking of mu-opioid receptor signaling pathway by G beta-1 (W332A), a dominant negative mutant G protein beta subunit. Biophysical J. 2004; 86:438a
5. **Abla Albsoul-Younes**, Mayyada Al-Wazaify, Ahmad Alkofahi. Clinical Pharmacy Education and Practice in Jordan in the New Millennium. Accepted for FIP meeting (September 2005).
6. **Albsoul-Younes A**, Kawano T, Floreani C, Nakajima S, Nakajima Y. GHRELIN ACTIVATION OF TRPC CHANNELS IN CULTURED RAT VTA NEURONS AND CHOK-1 CELLS TRANSFECTED WITH THE GHRELIN RECEPTOR AND TRPC6 CHANNEL CDNAS. Accepted and presented at UIC Department of Anatomy and Cell Biology Retreat (June 2007) “

7. **Albsoul-Younes A**, Wazaify M, Yousef A, Tahaineh L. Abuse and misuse of prescription and nonprescription drugs sold in community pharmacies in Jordan. Accepted and presented at the Jordanian Spanish 5th medical congress, 3-5/10/ 2008, In Spain, Abuse and misuse of prescription and nonprescription drugs sold in community pharmacies in Jordan.
8. **Abla Albsoul-Younes**, Rabia Al-Jabra, Al-Motassem Yousef. The influence of genetic CYP3A5 polymorphism on tacrolimus serum concentration in liver transplant patients. The ACCP 40th Annual Meeting of the College, Chicago, September 11-13, 2011.

Invited Presentations at local and international meetings:

1. Ninth Jordanian pharmaceutical Conference, **29/2- 2/3/2000**
Two papers were presented entitled:
 - a. G protein and neuronal signal transduction
 - b. Collaborative drug therapy management
2. Tenth Jordanian pharmaceutical Conference, **13/3-16/3/2002**
 - a. Paper presented entitled: The role of pharmacist in patient care
3. The 2nd international conference of the royal medical services from **7/10-10/10/2003**.
 - a. Paper presented entitled: Frequency of use and awareness of side effects in NSAIDs users
4. Scientific day for skin care (**12/9 2003**) (Jordanian Pharmaceutical Association
 - a. Presentation entitled: Daily skin Care: what you must know.
5. Jordanian Pharmacist association Pharmacist Scientific day with the theme: New changes in pharmacy practice. (**17/7/2003**). Presentation entitled: New trends in Pharmacy practice and education
6. The 3rd international conference of the royal medical services (**October 2004**)
 - a. Paper presented entitled: Future of Clinical Pharmacy education and practice in Jordan
7. Scientific day for Drug Interaction (August 2005), Jordanian Pharmaceutical Association.
 - a. Presentation entitled: Drug-Drug Interactions.
8. Eleventh Jordanian pharmaceutical Conference, **28/9-30/9/2005**
 - a. Two papers were presented, entitled:
 - b. Pharmacy in Jordan (plenary presentation)
 - c. Omeprazole variable kinetics in adult Jordanian men.
9. Presentation at Universidad del este, Carolina, Puerto Rico, USA, (**April 2007**)
 - a. "Effect of Ghrelin on TRPC channels in rat brain"
10. Twelfth Jordanian pharmaceutical Conference, **10-12/4/2008**. One paper presented entitled: Abuse and misuse of prescription and nonprescription drugs sold in community pharmacies in Jordan.
11. The 4th international conference of the royal medical services **12-15/5/2008**, presentation of: "Abuse and misuse of prescription and nonprescription drugs in Jordan"
12. Al-Zaytoonah University pharmaceutical conference, **10/2008**, presentation: "Pharmacy in Jordan".
13. 5th conference on scientific research in Jordan **19/11/2011**, presentation entitled: A Randomized Controlled Trial to Assess Pharmacist-Physician Collaborative Practice in the Management of Metabolic Syndrome in a University Medical Clinic in Jordan"

14. The 5th international conference of the royal medical services **3-6/5/2010**, presentation of: " Pharmacist and Physician Collaborative Practice Programs in Managing Their Patient's Medication Therapy
15. Clinical pharmacy 1st scientific day, King Abdullah University hospital, **21/4/2011**. Presentation of: "**Role of Clinical Pharmacist in Ambulatory**"
16. The 6th international conference of the royal medical services **19-22/ 11/2012**. Moderator of pharmacy session.
17. Pharmacy Students research training program 3-8 September, 2013, presentation entitled: "ethics in medical research".

WORKSHOPS, COURSES AND STAFF TRAINING:

Trainer:

March, 2000	Training course on the rational use of drugs, Drug Directorate, Ministry of Health
June, 2001	Selected topics in pharmacotherapy, Continuing pharmaceutical education, Jordanian Pharmaceutical Association
March, 2002	Selected topics in pharmacotherapy Continuing Pharmaceutical education, Jordanian Pharmaceutical Association
June 7-8 , 2003	Pharmacotherapy of Endocrine disorders. Continuing Pharmaceutical education, Jordanian Pharmaceutical Association
September 24-26, 2003	Pharmacotherapy of cardiovascular disorders. Continuing Pharmaceutical education, Jordanian Pharmaceutical Association
October 16-18 2003	Pharmacotherapy of cardiovascular disorders. Continuing Pharmaceutical education, Jordanian Pharmaceutical Association
January, 2004	Introduction into major principles clinical pharmacy, Continuing Pharmaceutical education, Jordanian Pharmaceutical Association
September, 2004	Rational drug use workshop, JFDA
December, 2004	Good clinical practice workshop, JFDA
August, 2005	Drug interactions workshop. JPA
April 2008	Clinical studies in Jordan, JFDA
May 2008	Workshop on research ethics, Jordanian Nursing council
December 2008	Importance of patient counseling, JPA
December 2011	Clinical Investigation workshop, JFDA, Amman Jordan
June 2012	Clinical Investigation workshop, JFDA, Amman Jordan

Participant:

October, 1997	Molecular biology workshop, Society Of Neuroscience meeting, New Orleans, USA
July, 1999	Training course on the rationale use of Drugs Groningin, Netherlands , sponsored by WHO
January, 1999	Methods of teaching workshop, JUST, Jordan
June, 1999	Advance workshop on computer use, JUST, Jordan
June, 2001	Staff development workshop, JUST, Jordan
March, 2002	Educational planning workshop Co-sponsored by WHO and JUST, Jordan

February, 2005	Assessment of Safety information in Pharmacovigilance, JFDA, , Jordan
February, 2006	Preparing Leaders for the Information Technology Era. JUST, Jordan
October, 2008	Clinical studies in the Mena region, Amman, , Jordan

TEACHING EXPERIENCE:

Courses for B. Sc. as well as Graduate students:

1. Hospital pharmacy
2. Clinical pharmacy case studies
3. Pharmacology and Therapeutics
4. Advance Therapeutics
5. Communication skills
6. Clinical clerkship 1
7. Clinical clerkship 2
8. Research methods
9. Seminar in clinical pharmacy

PROFESSIONAL MEMBERSHIPS:

International:

2003-2008	International Federation of Pharmacy (FIP), member of the academic section
2011-date	American college of Clinical Pharmacology

National (Jordan):

1992- present	Jordanian Pharmacists Association (JPA)
1999 -2004	Registration Committee for Vitamins and Minerals and other dietary supplements. Jordan Food and drug administration (JFDA)
2004-2006	Chair, Registration Committee for Vitamins and Minerals and other dietary supplements. Jordan Food and drug administration (JFDA)
2000-	University Professors Committee, JPA
2001-2002	Professional committee for Medical Degrees Accreditation, Ministry of higher education, Jordan
2001-2002	Vice chair, Institutional Review Board Committee, International Pharmaceutical Research Center, Amman, Jordan
2002	Jordanian Drug List Formulary Committee, JFDA
2002 -2004	Chair, Scientific Committee, JPA
2002 -2004	Chair, Continuing Education committee, JPA
2002-2003	Committee for putting regulations for registration of vitamins, minerals and herbal preparations, JFDA
2002 -2006	Drugs Pricing Committee, Ministry of health, JFDA
2008-2012	Clinical Studies committee

SERVICES AND VOLUNTEER WORK:

1999-2003	Library committee, JUST
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1999-2003	Social committee, JUST
2000-2006	Scientific research committee, JUST
2000-2006	Graduate studies committee, JUST
2001-2006	Continuing education committee, JUST
2001-2006	Committee for pharmacy curriculum, registration schedules, JUST
2001-2003	Supervision and editing of Drug information Bulletin issued by department of clinical pharmacy, JUST
2001-2003	Supervision of pharmacist and society journal issued by department of clinical pharmacy and JPA, JUST
2003-2006	Committee for students clinical training in King Abdullah University Hospital, JUST
2008	Continuing education program JPA
2009	Continuing education program JPA
2008-date	External examiner, selection committee for prospective students to study in USA, Jordan Fulbright office

REVIEWER:

2002-2004	Scientific Journal, Jordanian pharmacists association, Jordan
2003-2004	Derrasad (Journal issued by Jordan university deanship of scientific research), Jordan
2004-2006	Jordan Medical Journal, Jordan
2004-2006	Journal of Royal Medical Services, Jordan
2005-2006	Medical Science Monitor Journal
2007-2008	American Journal of Pharmaceutical Education
2008-date	Jordan Journal of Pharmaceutical Science
2008-date	External reviewer of applications for , selection committee for prospective students/post doctors to study/teach/do research in USA, Jordan Fulbright office

Editorial board member:

2013	Jordan Journal Of Pharmaceutical sciences
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