

## CURRICULUM VITAE

### PERSONAL:



Name **Abla Mahmoud Albsoul, Ph.D**  
Current Position **Dean** of School of Pharmacy, The University of Jordan  
and Title: **Professor** of Pharmacology and Therapeutics  
Department of Biopharmaceutics and Clinical Pharmacy  
School of Pharmacy  
The University of Jordan,  
Amman, 11942,  
Jordan

Marital status: Married  
Work Address: Department of Biopharmaceutics and Clinical Pharmacy  
School of Pharmacy  
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Amman, 11942  
Jordan

Residence Address: Imeh street #5, Alkoom, Shafa Badran,  
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## EDUCATION

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

## HONORS:

- 1988-1992 Faculty of Pharmacy **Honor List** (every semester, for all semesters), Jordan University of Science and Technology, Jordan.
- 1988-1992 **University Honor List** (every year, for 5 years), Jordan University of Science and Technology, Jordan.
- 1992 Graduated **First on Class**, Received a Royal Present on Graduation, Jordan University of Science and Technology, Jordan.
- 1993 Jordan University of Science and Technology **Scholarship** for the first on class 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.

## HONORS ON SUPERVISED STUDENT'S WORK

- 2010 Master student Eman Abed Al Qader supervised by me and thesis entitled: Clinical pharmacist role in the management of hypertension and metabolic syndrome for optimum treatment outcomes in Jordan received **the prize of the best thesis in Health Faculties for the year of 2010 by the Faculty of Post Graduate Studies, The University of Jordan.**
- 2016 Master student Lubna Gharaibeh supervised by me and thesis entitled: Evaluation of VTE prophylaxis in the Jordan University Hospital, appropriateness and cost effectiveness received **Hamdi Mango Award for best research by a graduate student for the year of 2015, The University of Jordan.**

## POSITIONS

### Academic Administration Positions:

**September 2018** Dean, School of Pharmacy, The University of Jordan.

**To date**

Sep. 2016  
to August 2018 Dean, School of Pharmacy, The University of Jordan.

Sep. 2014  
to Sep. 2016 Director, Hamdi Mango Center for Scientific Research. The University  
of Jordan  
December, 2010  
to Sep. 2016 Chair, Pharmaceutical care section, Jordan University Hospital  
The University of Jordan.

2014 Chair, pharmacy department, Jordan University Hospital  
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,

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

2000- 2004 and  
2005-2006 Chair, Department of Clinical Pharmacy  
Faculty of pharmacy, Jordan University of Science and Technology,  
Irbid, Jordan

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

### Academic ranks:

February, 1999 -  
July, 2005 Assistant Professor, Faculty of Pharmacy, JUST, Irbid, Jordan

July, 2005-  
September, 2008 Associate professor, Faculty of Pharmacy, JUST, Irbid, Jordan

July, 2005- Associate professor of pharmacology and Therapeutics.

|                                    |   |
|------------------------------------|---|
| september, 2008                    | Rank granted (July 2005), and Tenure awarded (October 2006),<br>Department of Clinical Pharmacy<br>Faculty of pharmacy, JUST, Irbid, Jordan         |
| 2006- 2007                         | Fulbright Visiting Scholar, Department of Anatomy and Cell Biology,<br>College of Medicine, University of Illinois at Chicago, USA                  |
| September 2008-<br>September, 2011 | Associate professor of Pharmacology and Therapeutics<br>Professor of pharmacology and Therapeutics, School of Pharmacy,<br>The University of Jordan |
| Since Sep. 2011                    | Tenured Professor of Pharmacology and Therapeutics, at<br>The University of Jordan  |

### **ACADEMIC AND ADMINISTRATIONAL ACCOMPLISHMENTS:**

|           |   |
|-----------|---|
| 1999      | Designing the first Jordanian Master program in Clinical Pharmacy and implementing it, at the Faculty of Pharmacy, JUST, Irbid, Jordan  |
| 2000      | Establishing the first independent Clinical pharmacy Department at the Faculty of Pharmacy, JUST, Irbid, Jordan   |
| 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.         |
| 2010-Date | Starting pharmaceutical care in Neonatal care and cardiac sections, JUH, The University of Jordan   |
| 2014-2016 | Establishment of Parenteral Drug Preparation and administration service at Neonatal care and cardiac sections, JUH, The University of Jordan  |
| 2014-2016 | Proposal of a special prize for assigning Distinguished Women Researchers prize at Hamdi Mango research center and drafting the prize instruction, and subsequently establishment of Samia Mango Award for Distinguished Researcher in Jordan r |
| 2016-Date | Chairing the Higher Committee of Accreditation at the School of Pharmacy and working closely with accreditation team at the School. The School of Pharmacy accreditation with The Accreditation Council for Pharmacy Education in USA (ACPE).   |

### **SOME EXAMPLES OF SCHOOL OF PHARMACY ACHEIVMENTS AND**

### **SUPPORT DURING MY 2016-2018 DEANSHIP TERM:**

1. Holding the 4th International Conference of the School of Pharmacy - The University of Jordan and The 2nd Conference of the Association of Faculties of Pharmacy at Jordanian Universities. October 25-27, 2016. And **raising funds** for the conference with more than **58,000 JOD**. The school of pharmacy had a surplus of **26,000 JOD** after all expenses of the conference were spent.

2. Presenting a proposal and acquiring funds from the ministry of planning and international cooperation in the amount of **750,000 JOD** to build a fourth floor at the school of pharmacy as per requirement of accreditation.
3. Acquiring funds from Rawhi Pharmacy drug store chain, and establishing the second model pharmacy at the school.
4. Acquiring funds from ACDIMA to and establishing an 80 m<sup>2</sup> area for students' discussions and all activated room for students.
5. Acquiring funds from Pharmacy one to prepare and open the pharmacovigilance office at the school of Pharmacy.
6. Building a special storage area for expired and waste chemical product outside of the School building.
7. Renovation and addition of new unites to the females restrooms.
8. Renewing all study plans for the 5 programs offered by the school of Pharmacy, the new study plans are built according to competencies and learning outcomes.

## RESEARCH INTERESTS:

- Improvement in pharmaceutical care 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.

## RANK IN RESEARCH SITES:

## GOOGLE SCHOLAR:



**Abia Albsoul-Younes or Albsoul Abia or Albsoul AY or Albsoul AM or Al-Bsoul-Younes Abia** FOLLOWING

Professor of Pharmacology and therapeutics, the dean of school of Pharmacy, the [University of Jordan](#)  
 Verified email at ju.edu.jo - [Homepage](#)  
 Pharmacy practice and pha...

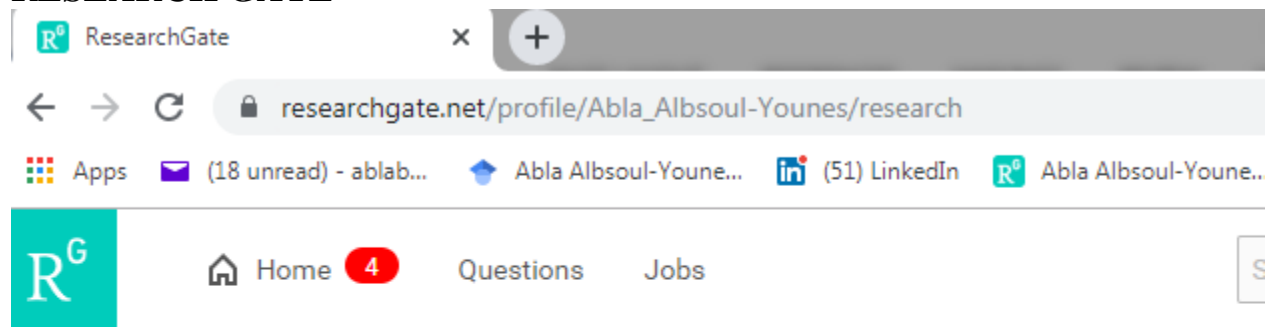
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|-----------|------|------------|
| Citations | 1009 | 610        |
| h-index   | 17   | 13         |
| i10-index | 24   | 19         |



| TITLE  | CITED BY | YEAR |
|--|----------|------|
| <input type="checkbox"/> "A Decade in Leaps and Bounds": Pharmacy in Jordan-revisited.<br>MIE Abu Asab, L Abushams, A Albsoul-Younes, M Wazaify<br>Jordan Journal of Pharmaceutical Sciences 12 (3)  |          | 2019 |
| <input type="checkbox"/> The Role of the Middle East in ZIKA Virus Circulation: Implications of a Cross-Sectional Study in Jordan<br>EY Abu-rish, ER Elayeh, AM Albsoul-Younes<br>The American journal of tropical medicine and hygiene 100 (4), 974-980 | 2        | 2019 |
| <input type="checkbox"/> Nutritional Support of Very Low Birth Weight Infants in a Tertiary Center in a Developing   |          | 2019 |

## RESEARCH GATE



**Abla Albsoul-Younes**

27.79 · PhD · [Edit](#)

## PUBLICATIONS

### Peer-reviewed original research publications:

1. Al-Lawama M, Abu Alrous H, Alkhatib H, Alrafach A, Wakileh Z, Alawaisheh B, Saadeh A, Sharab J, Badran E, **Albsoul-Younes A**. Nutritional Support of Very Low Birth Weight Infants in a Tertiary Center in a Developing Country. *J Clin Med Res*. 2019 Apr;11(4):283-288. doi: 10.14740/jocmr3797. Epub 2019 Mar 18. PMID: 30937119
2. Abu-Rish EY, Elayeh ER, **Albsoul-Younes AM**. The Role of the Middle East in ZIKA Virus Circulation: Implications of a Cross-Sectional Study in Jordan. *Am J Trop Med Hyg*. **2019** Jan 21. doi: 10.4269/ajtmh.18-0715. [Epub ahead of print] PMID: 30675847
3. Horan AA, **Albsoul-Younes A**, Kasabri V, Suyagh M, Halaseh L, AlAlawi S. Correlates of resistin and retinol-binding protein 4 in metabolic syndrome patients with and without prediabetes. *Horm Mol Biol Clin Investig*. **2019** Jan 23. pii: /j/hmbci.ahead-of-print/hmbci-2018-0051/hmbci-2018-0051.xml. doi: 10.1515/hmbci-2018-0051. [Epub ahead of print] PMID: 30667366
4. Al-Batsh MMW, **Albsoul-Younes A**, Kasabri V, Suyagh M, Alalawi S, Yasin N. Proportional correlates of cystatin-C with pentraxin-3, visceral adiposity index and atherogenicity index of plasma but not blood indices in metabolic syndrome patients with and without prediabetes. *Horm Mol Biol Clin Investig*. **2018** Nov 29. pii: /j/hmbci.ahead-of-print/hmbci-2018-0058/hmbci-2018-0058.xml. doi: 10.1515/hmbci-2018-0058. [Epub ahead of print] PMID: 30496135
5. Al-Jamei SA, **Albsoul AY**, Bakri FG, Al-Bakri AG. Extended-spectrum  $\beta$ -lactamase producing *E. coli* in urinary tract infections: A two-center, cross-sectional study of

- prevalence, genotypes and risk factors in Amman, Jordan. *J Infect Public Health*. **2019** Jan - Feb;12(1):21-25. doi: 10.1016/j.jiph.2018.07.011. Epub 2018 Aug 23. PMID: 30145152
6. **Albsoul-Younes A**, Alefishat E, Farha RA, Tashman L, Hijjeh E, AlKhatib R. Premenstrual syndrome and premenstrual dysphoric disorders among Jordanian women. *Perspect Psychiatr Care*. **2018** Jul;54(3):348-353. doi: 10.1111/ppc.12252. Epub 2017 Dec 7.
  7. Razan Adnan Batta. Violet Kasabri. Amal Akour. **Abla Albsoul-Younes**. Impact of clinical pharmacists' intervention on management of hyperglycemia in pregnancy in Jordan. Nov 2017. *International Journal of Clinical Pharmacy*
  8. Abdelkarim A. Al-Qudah, **Abla Albsoul-Younes**, Amira T. Masri, Samah K. AbuRahmah , Ibrahim Alabadi, Omar Nafe , Lubna Gharaibeh , Amer A. Murtaja, Lina Al-Sakran, Haya A. Arabiat, Abdallah Al-Shorman. Type and etiology of pediatric epilepsy in Jordan. A multi-center study. *Neurosciences* 22(4):267-273 · October **2017**. DOI: 10.17712/nsj.2017.4.20170164
  9. Sumaya Abuloha, Ibrahim Alabbadi, Abla **Albsoul-Younes**, Nidal Younes, Ayman Zayed (MD). The role of clinical pharmacist in initiation and/or dose adjustment of insulin therapy in diabetic patients in outpatient clinic in Jordan. *Jordan Journal of Pharmaceutical Sciences* January 2016; 9(1):33-50.
  10. Shallya Omar, **Abla Albsoul-Younes**, Ibrahim Alabbadi. Hypoglycemia fear among diabetics. *Jordan Journal of Pharmaceutical Sciences* 9 (2), 2016.
  11. Gharaibeh L, **Albsoul-Younes A**, Younes N. [Role of the clinical pharmacist in improving the appropriateness of venous thromboembolism prophylaxis in hospitalised patients in Jordan](#). *Journal of Pharmacy Practice and Research* Feb 2017 ; 7 (1), 57-62.
  12. [Mayyada Wazaify](#), [Ebtesam Abood](#), [Linda Tahaineh](#), **Abla Albsoul-Younes**. [Jordanian community pharmacists' experience regarding prescription and nonprescription drug abuse and misuse in Jordan – An update](#). *Journal of Substance Use*, Dec 2016.
  13. Mhaidat NM, Al-Husein BA, Alzoubi KH, Hatamleh DI, Khader Y, Matalqah S, **Albsoul A**. [Knowledge and Awareness of Colorectal Cancer Early Warning Signs and Risk Factors among University Students in Jordan](#). *J Cancer Educ*. 2016 Dec 9. [Epub ahead of print] PMID: 27943056
  14. Abu-Rish EY, Elayeh ER, Mousa LA, Butanji YK, **Albsoul-Younes AM**. [Knowledge, awareness and practices towards seasonal influenza and its vaccine: implications for future vaccination campaigns in Jordan](#). *Fam Pract*. 2016 Dec;33(6):690-697. Epub 2016 Aug 27. PMID: 27567011
  15. **Albsoul-Younes A**, Gharaibeh L, Murtaja AA, Masri A, Alabbadi I, Al-Qudah AA. [Patterns of antiepileptic drugs use in epileptic pediatric patients in Jordan](#). *Neurosciences (Riyadh)*. 2016 Jul;21(3):264-7. doi: 0.17712/nsj.2016.3.20150766. PMID:
  16. Qudah B, **Albsoul-Younes A**, Alawa E, Mehyar N. [Role of clinical pharmacist in the management of blood pressure in dialysis patients](#). *Int J Clin Pharm*. 2016 Aug; 38(4):931-40. doi: 10.1007/s11096-016-0317-2. Epub 2016 May 18. PMID: 27194097
  17. Tahaineh L, Barakat S, **Albsoul-Younes AM**, Khalifeh O. [Primary prevention of cardiovascular disease in a primary care setting](#). *Prim Health Care Res Dev*. 2016 May;17(3):311-6. doi: 0.1017/S1463423615000559. Epub 2015 Dec 1. PMID: 26621005

18. Gharaibeh L, **Albsoul-Younes A**, Younes N. [Evaluation of venous thromboembolism prophylaxis after the introduction of an institutional guideline: Extent of application and implementation of its recommendations.](#) J Vasc Nurs. 2015 Jun;33(2):72-8. doi: 10.1016/j.jvn.2014.11.002. PMID: 26025151
19. Gharaibeh L, **Albsoul-Younes A**, Younes N. [Evaluation of VTE Prophylaxis in an Educational Hospital: Comparison Between the Institutional Guideline \(Caprini 2006\) and the ACCP Guideline \(Ninth Edition\).](#) Clin Appl Thromb Hemost. 2016 Oct;22(7):627-32. doi: 10.1177/1076029615575344. Epub 2015 Mar 9. PMID: 25753966
20. Wishah RA, Al-Khawaldeh OA, **Albsoul AM**. [Impact of pharmaceutical care interventions on glycemic control and other health-related clinical outcomes in patients with type 2 diabetes: Randomized controlled trial.](#) Diabetes Metab Syndr. 2015 Oct-Dec;9(4):271-6. doi: 10.1016/j.dsx.2014.09.001. Epub 2014 Oct 6. PMID: 25301007
21. Jaber D, **Albsoul-Younes A**, Wazaify M. [Physicians' knowledge, attitude and practices regarding management of medications in Ramadan.](#) East Mediterr Health J. 2014 Feb 11;20(1):56-62. PMID: 24932935
22. Sharaideh R, Wazaify M, **Albsoul-Younes AM**. [Knowledge and attitude of school children in Amman/Jordan toward the appropriate use of medicines: A cross-sectional study.](#) Saudi Pharm J. 2013 Jan; 21(1):25-33. doi: 10.1016/j.jsps.2012.01.001. Epub 2012 Jan 13. PMID: 23960817
23. Tahaineh L, **Albsoul-Younes A**, Iflaifel 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. doi: 10.1177/1076029612458722. Epub 2012 Sep 3. PMID: 22949741
24. Ahmad D, Wazaify MM, **Albsoul-Younes A**. The Role of the Clinical Pharmacist in the Identification and Management of Corticophobia—An Interventional Study. Tropical Journal of Pharmaceutical Research, March 2014; 13(3): 445-453.
25. Alenezi NA, Wazaify MM, **Albsoul-Younes A**. [Evaluation of Outpatient-Pharmacists' Counseling Behavior and Content in a Teaching Hospital in Jordan-An Observational Study.](#) Jordan Journal of Pharmaceutical Sciences 2014; 7 (1): 77-87.
26. Tahaineh L, **Albsoul-Younes A**, Al-Ashqar E, Habeb A. [The role of clinical pharmacist on lipid control in dyslipidemic patients in North of Jordan.](#) Int J Clin Pharm. 2011 Apr;33(2):229-36. doi: 10.1007/s11096-011-9479-0. Epub 2011 Jan 28. PMID: 21744191
27. Hammad EA, Yasein N, Tahaineh L, **Albsoul-Younes AM**. [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. PMID: 21534640
28. **Albsoul-Younes AM**, Hammad EA, Yasein NA, Tahaineh LM. [Pharmacist-physician collaboration improves blood pressure control.](#) Saudi Med J. 2011 Mar;32(3):288-92. PMID: 21384066



29. **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.
30. **Albsoul-Younes A**, Wazaify M, Yousef AM, Tahaineh L. [Abuse and misuse of prescription and nonprescription drugs sold in community pharmacies in Jordan](#). *Subst Use Misuse*. 2010 Jul;45(9):1319-29. doi: 0.3109/10826080802490683. PMID: 20509736
31. 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
32. 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. doi: 10.1016/j.sapharm.2008.05.003. Epub 2009 Jan 21. PMID: 19285290.
33. [Wazaify M](#), [Al-Bsoul-Younes A](#), [Abu-Gharbieh 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. doi: 10.1007/s11096-008-9244-1. Epub 2008 Aug 6
34. **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.
35. Al-Wazaify M, Matowe L, **Albsoul-Younes A**, Al-Omran OA. [Pharmacy education in Jordan, Saudi Arabia, and Kuwait](#). *Am J Pharm Educ*. 2006 Feb 15;70(1):18. PMID: 17136159
36. 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
37. **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: 16830012
38. 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
39. 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.
40. Al-Wazaify M, **Albsoul-Younes A**. [Pharmacy in Jordan](#). *Am J Health Syst Pharm*. 2005 Dec 1;62(23):2548-51. PMID: 16303915
41. **Albsoul-Younes A**, Tayyem R, Najib N. [Variable omeprazole kinetics in healthy Jordanian adults](#). *Biopharm Drug Dispos*. 2005 Jul;26(5):183-8. PMID: 15906422
42. 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
43. **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

44. **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
45. **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
46. 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
47. **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
48. 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
49. **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
50. Younes NA, **Albsoul AM**. [Surgery versus pharmacotherapy of benign thyroid diseases](#). *Saudi Med J*. 2003 May;24(5):453-9. PMID: 12847617
51. 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.
52. Bajic D, Koike M, **Albsoul-Younes AM**, Nakajima S, Nakajima Y. [Two different inward rectifier K<sup>+</sup> 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
53. **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<sup>+</sup> channel](#). *J Biol Chem*. 2001 Apr 20;276(16):12712-7. Epub 2001 Jan 17. PMID: 11278861
54. 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.
55. **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.
56. **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
57. 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
58. 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
59. 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

60. **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).
61. **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) “
62. **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.
63. **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.
64. **Abla Albsoul-Younes**. Patterns of antiepileptic drugs use in epileptic pediatric patients in Jordan. The ACCP Annual Meeting San Francisco California, September 26-29, 2015.

### **Attendance and Presentations at local and international meetings:**

1. Ninth Jordanian pharmaceutical Conference, **29/2- 2/3/2000**
  - a. Two papers were presented entitled:
  - b. G protein and neuronal signal transduction
  - c. 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 2<sup>nd</sup> 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 3<sup>rd</sup> 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 4<sup>th</sup> 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. 5<sup>th</sup> 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 5<sup>th</sup> 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 1<sup>st</sup> scientific day, King Abdullah University hospital, **21/4/2011**. Presentation of: "**Role of Clinical Pharmacist in Ambulatory care**"
16. The 6<sup>th</sup> 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".
18. USAID workshop: success story in maternal and neonatal care units 23/6/2014
19. المؤتمر الصيدلاني الاردني الخامس عشر: طالبة الماجستير قامت بتقديم بحث تحت اشرافي بعنوان : The Role of clinical pharmacist in initiation and titration of insulin doses in diabetic patient.
20. Attending: The 5th World Congress of World Union of Wound Healing Societies, Florence, Italy, from the 25th to the 29th of September 2016.
21. Attending: The 19th congress of the association of pharmacy colleges in the Arab world, the international conference of the school of pharmacy Lebanese international university October 18<sup>th</sup> -20<sup>th</sup>, 2016.
22. Chairing: The 4th International Conference of the School of Pharmacy - The University of Jordan and The 2nd Conference of the Association of Faculties of Pharmacy at Jordanian Universities. October 25-27, 2016
23. ASU third conference, 15-16/4/2017, Amman, Jordan
24. Attending and chairing session at Isra University conferences.
25. Yarmouk university first conference, presentation of Key note speech entitled: "Is it time to implement competency based education in pharmacy schools?", 22, November, 2017.

## PERSONAL 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 Mango center for research, JU. Phenytoin effect on skin healing.   |
| 240/1999-2003          | 12,000               | JUST/deanship of research. Growth modulation of cells by drugs   |
| MPH/1/2/2012 2013-2015 | <b>115,500</b>       | Scientific research support funds. Jordanian pediatric epilepsy project.   |
| 2014-2016              | 15,000               | The University of Jordan/deanship of research. Discovery of Novel Potent STAT3 Inhibitors for Potential Treatment of Cancer  |
| 2015-2016              | 10,000               | The University of Jordan/deanship of research. Implementation of a protocol for parenteral medications preparation and administration in a major Jordanian hospital neonatal care unit   |
| 2015-2016              | 2100                 | The University of Jordan/deanship of research. معرفة وعي وموقف الاردنيين من مرض الانفلونزا   |
| 2015-2016              | 10,000               | The University of Jordan/deanship of research. تقييم العلاقة بين مستويات الاوكسيتوسين اللعابية مع المستويات اللعابية من المؤشرات الحيوية من عوامل الخطر الايضية في مرضى السكري وغير السكري ذوو متلازمة الايض: دراسة مقطعية في الاردن |
| 2015-2016              | 10,000               | The University of Jordan/deanship of research. تأثير استخدام النظام الحاسوبي لوصف الادوية بالمقارنة مع وصفات مكتوبة بخط اليد على الأخطاء في الوصفة الطبية في وحدة العناية المركزة لحديثي الولادة                                     |
| MPH/ 2016-2018         | <b>38,000</b>        | Scientific research support funds. Implementation of a protocol for parenteral medications preparation and administration in major Jordanian hospitals' neonatal care unit.  |
|                        |                      |  |
|                        |                      |  |

## PROJECTS WITH MASTER STUDENTS

### Supervised master students thesis:

| 1. PRINCIPLE SUPERVISOR: |                                 |   |   |
|--------------------------|---------------------------------|---|---|
| #                        | Year granted/<br>Amount<br>(JD) | Student's name                            | MASTER THESIS TITLE   |
| 1)                       | 2009/<br>600                    | Deema Jaber<br>ديمة جبر حسين              | PHYSICIANS' KNOWLEDGE, ATTITUDE AND PRACTICE ABOUT MANAGEMENT OF MEDICATIONS IN RAMADAN IN JORDAN                                     |
| 2)                       | 2009/<br>680                    | Eman Abed Al<br>Qader<br>ايمان عبد القادر | CLINICAL PHARMACIST ROLE IN THE MANAGEMENT OF HYPERTENSION AND METABOLIC SYNDROME FOR OPTIMUM TREATMENT OUTCOMES IN JORDAN            |
| 3)                       | 2009/<br>1500                   | Rabia Jameel<br>ربيعة جميل عبد الوالي     | THE IMPACT OF DONORS AND RECIPIENT'S GENOTYPE ON TACROLIMUS PHARMACOKINETICS AMONG LIVER TRANSPLANT PATIENTS IN JORDANIAN POPULATION. |
| 4)                       | 2009/<br>1400                   | Hiam Ṣalim<br>هيام سالم خليف الهقيش       | THE EFFECT OF CONTROLLING HYPERGLYCEMIA ON THE MORBIDITY AND MORTALITY OF INTENSIVE CARE UNIT (ICU) PATIENTS                          |
| 5)                       | 2010/                           | Ali Alyahawi<br>علي عبدالله اليحوي        | THYROID CANCER TRENDS AND INCIDENCE RATES IN JORDAN   |
| 6)                       | 2010/<br>500                    | Saba Mohsen<br>سبا محسن محمد              | PATTERNS OF PRESCRIPTION AND DRUG DISPENSING  |
| 7)                       | 2010/<br>2900                   | Neris Hakuz<br>نرس موسى هاكوز             | THE ROLE OF TIGHT GLYCEMIC CONTROL ON DIABETIC FOOT HEALING   |
| 8)                       | 2011/<br>1300                   | Ahmad Showman<br>أحمد فارس شومان          | ROLE OF CLINICAL PHARMACIST IN CONTROL OF VOLUME OVERLOAD PATIENTS  |

|     |                   |                                     |  |
|-----|-------------------|-------------------------------------|--|
| 9)  | 2011/<br>1700     | Reema Hijazeen<br>ريما حجازين       | ROLE OF CLINICAL PHARMACIST IN GLYCEMIC CONTROL IN GENERAL SURGERY PATIENTS  |
| 10) | 2011              | Batoul Hadad<br>بتول عادل عيسى حداد | THE ROLE OF CLINICAL PHARMACIST IN INFECTION CONTROL IN DIABETIC FOOT INFECTIONS & SURGERY PATIENTS  |
| 11) | 2011              | Bonyan Qudah<br>بنيان قضاة          | ROLE OF CLINICAL PHARMACIST IN THE MANAGEMENT OF HYPERTENSION IN CHRONIC KIDNEY DISEASE PATIENTS   |
| 12) | 2011/2012<br>1500 | Bader Rimawi<br>بدر ريموي           | THE ROLE OF CLINICAL PHARMACIST IN THE CONTROL OF BLOOD SUGAR IN DIABETIC PATIENTS DURING THE MONTH OF RAMADAN.  |
| 13) | 2011/2012/<br>360 | Ruba Wishah<br>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<br>1200 | Sumia Abu Loha<br>سمية ابو لوحة     | THE ROLE OF CLINICAL PHARMACIST IN INITIATION AND TITRATION OF INSULIN DOSES IN DIABETIC PATIENT   |
| 15) | 2011              | Nouf Al-enezi<br>نوف العنزي         | EVALUATION OF JORDANIAN PHARMACISTS COUNSELING BEHAVIOUR AND CONTENT IN THE JORDANIAN UNIVERSITY HOSPITAL  |
| 16) | 2011/2012         | Rami Alselawi<br>رامي السيلوي       | ESTABLISHMENT OF REFERENCE INTERVALS FOR LIVER AND KIDNEY FUNCTION TESTS OF HEALTHY ADULT JORDANIAN VOLUNTEERS   |
| 17) | 2012              | Lama Aldamen<br>لما الضامن          | 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) | Graduated<br>2014 | Lubna Gharaibeh<br>لبنى غرايبة      | EVALUATION OF VTE PROPHYLAXIS IN THE JORDAN UNIVERSITY HOSPITAL, APPROPRIATENESS AND COST EFFECTIVENESS  |
| 19) | Graduated<br>2014 | Shallya Omar<br>شاليا عمر           | AR OF HYPOGLYCEMIA AMONG DIABETICS AND THEIR TREATING PHYSICIANS   |

|     |            |                              |  |
|-----|------------|------------------------------|--|
| 20) | Since 2013 | Amer Murtaja<br>عمر 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<br>حنان سرطاوي | STILL IN PROCESS: ROLE OF CLINICAL PHARMACIST IN ELECTROLYTE MANAGEMENT IN HOSPITALIZED PATIENTS   |
| 22) | 2014-2015  | Mahdi Farhan                 | THE ROLE OF CLINICAL PHARMACIST IN THE MANAGEMENT OF ANEMIA IN DIALYSIS PATIENT  |
| 23) | 2014-2015  | Mohammed Ali                 | PRICES COMPARISON FOR DETERMINED ANTIBIOTICS BETWEEN MAIN TENDERS IN ROYAL MEDICAL SERVICES FOR YEARS 2010, 2012, AND COMPARISON OF PRICES FOR EACH OF THEM WITH PRICES OF SUB PROCURES IN THE SAME INTERVAL FOR EACH MAIN TENDER. |
| 24) | 2014-2015  | Nabeela Tobaishat            | FEAR OF HYPOGLYCEMIA AMONG DIABETIC PATIENTS RECEIVING SULFONYLUREAS, DPP- 4 INHIBITORS, AND/OR METFORMIN AND THE EFFECT OF PATIENT COUNSELING ON LEVEL OF FEAR.   |
| 25) | 2015-2017  | Razan Batta                  | ROLE OF CLINICAL PHARMACIST IN THE MANAGEMENT OF HYPERGLYCEMIA DURING PREGNANCY  |
| 26) | 2015-2016  | Abeer Jumaiaan               | THE ROLE OF CLINICAL PHARMACIST IN HEART FAILURE PATIENTS' MANAGEMENT: A STUDY OF THE EFFECT OF PATIENTS' EDUCATION ON 30 DAY READMISSION RATE AND RETURN TO EMERGENCY DEPARTMENT  |
| 27) | 2015-2016  | Ikhlas Jamous                | PREVALENCE OF BIRTH DEFECTS IN JORDAN UNIVERSITY HOSPITAL AND AL BASHIR HOSPITAL AND ITS ASSOCIATED RISK FACTORS.  |
| 28) | 2015-2016  | Sayeda Aljami                | URINARY TRACT INFECTIONS CAUSED BY EXTENDED SPECTRUM BETA-LACTAMASE (ESBL)- PRODUCING ESCHERICHIA COLI: IDENTIFICATION OF RISK FACTORS AND MOLECULAR CHARACTERIZATIONS IN JORDANIAN PEOPLE.  |
| 27) | 2015-2016  | Ola Alnatsheh                | THE ROLE OF CLINICAL PHARMACIST IN IMOROVING KNOWLEDGE, ATTITUDE AND PRACTICE REGARDING NSAID USE IN CARDIOVASCULAR AND CHRONIC KIDNEY DISEASE PATIENTS.   |
| 28) | 2016-2017  | Haneen Muhaisen              | THE IMPACT OF PHARMACIST-PROVIDED ANTICOAGULATION MANAGEMENT IN SURGICAL PATIENTS ON MAJOR HEALTH CARE OUTCOMES  |



|     |           |                   |  |
|-----|-----------|-------------------|--|
| 29) | 2016-2017 | Mohammad Bodairat | THE ROLE OF PHARMACISTS IN REDUCING RATE OF INAPPROPRIATE USE OF THERAPEUTIC ANTIMICROBIAL ON SURGICAL WARD.   |
| 30) | 2016-2018 | Mohammad Fadel    | THE ROLE OF CLINICAL PHARMACIST IN REDUCING RATE OF HYPOGLYCEMIA IN DIABETIC HOSPITALIZED PATIENTS.  |
| 31) | 2016-2018 | Dima AbuOdeh      | APPROPRIATE USE OF ANTIBIOTICS AMONG PEDIATRIC IN-PATIENTS: AN INTERVENTIONAL STUDY  |
| 32) | 2017-2018 | Musa Albatsh      | A CROSS-SECTIONAL STUDY OF PENTRAXIN-3 AND CYSTATIN-C PLASMA LEVELS AND THEIR CORRELATIONS WITH A SET OF CLINICAL PARAMETERS IN NORMOGLYCEMIC AND HYPERGLYCEMIC PATIENTS WITH METABOLIC SYNDROME IN JORDAN             |
| 33) | 2017-2018 | Abeer Abo Horan   | A CROSS-SECTIONAL STUDY OF RESISTIN AND RETINOL-BINDING PROTEIN4 PLASMA LEVELS AND THEIR CORRELATIONS WITH A SET OF CLINICAL PARAMETERS IN NORMOGLYCEMIC AND HYPERGLYCEMIC PATIENTS WITH METABOLIC SYNDROME IN JORDAN. |
| 34) | 2018-     | Omar Shaheen      | “A CROSS-SECTIONAL STUDY OF SIRTUIN 1 AND OSTEOCALCIN PLASMA LEVELS AND THEIR CORRELATIONS WITH A SET OF CLINICAL PARAMETERS IN NORMOGLYCEMIC AND HYPERGLYCEMIC PATIENTS WITH METABOLIC SYNDROME IN JORDAN             |
| 35) | 2018-     | Rasha Bani Naser  | DRUG UTILIZATION REVIEW: WARFARIN USE IN AN ANTICOAGULANT CLINIC   |
|     |           |                   |  |

## 2. CO-SUPERVISOR:

|     |                 |                                |   |
|-----|-----------------|--------------------------------|---|
| 36) | 2010/           | Rawia Nazeih<br>راوية الشرايدة | PROMOTION OF APPROPRIATE KNOWLEDGE AND ATTITUDE TOWARDS MEDICINES AMONG SCHOOL CHILDREN AND THE ROLE OF TEACHERS. |
| 37) | 2009/<br>10,000 | Ala Habeb<br>الاء حبيب         | THE ROLE OF CLINICAL PHARMACIST ON LIPID CONTROL IN HYPERLIPIDEMIC PATIENTS IN NORTH JORDAN                       |
| 38) | 2009/           | Muna Barakat                   | HIGHLIGHTING THE MAIN NEEDS IN PROMOTING APPROPRIATE MEDICATION USE AMONG CHILDREN IN JORDAN                      |

|     |                |                            |   |
|-----|----------------|----------------------------|---|
|     |                | منى بركات                  |   |
| 39) | 2010/<br>8,100 | Mais Iflaifel<br>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. |
| 40) | 2010/          | Dana Sameeh<br>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.               |
| 41) | 2015-2016      | Ruba Ayesh                 | EVALUATION OF OUTPATIENT PHARMACIES – COUNSELING BEHAVIOR AND CONTENT AT JORDAN ROYAL MEDICAL SERVICES (JRMS): A PHARMACIST VERSUS PATIENT APPROACH   |
| 42) | 2015-2016      | Ola Karadsheh              | -ROLE OF CLINICAL PHARMACIST IN THE MANAGEMENT OF COMMUNITY-ACQUIRED PNEUMONIA IN HOSPITALIZED PATIENTS AT QUEEN RANIA HOSPITAL FOR CHILDREN: A RANDOMIZED CONTROLLED TRIAL                   |
| 43) | 2016           | Noura<br>Abuhudaib         | THE ROLE OF CLINICAL PHARMACIST TO IMPROVE ORAL MEDICATIONS ADMINISTRATION THROUGH ENTERAL FEEDING TUBE BY INTENSIVIST NURSES AT JORDAN UNIVERSITY HOSPITAL.                                  |
|     |                |                            |   |

## WORKSHOPS, COURSES AND STAFF TRAINING:

|                       |   |
|-----------------------|---|
| March, 2000           | <b>Trainer:</b> 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  |
| October, 1997         | Molecular biology workshop, Society Of Neuroscience meeting, New Orleans, <b>USA</b>  |
| July, 1999            | Training course on the rationale use of Drugs Groningin, <b>Netherlands</b> , 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 ONGOING:

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. Internal medicine clinical clerkship 1
7. pediatrics 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  
**2008-date External examiner, selection committee for prospective students to study in USA, Jordan Fulbright office**  
**2011-2016 Pharmacy and Therapeutic committee JUH, The university of Jordan**  
2010-2013 Jordanian Central drug Procurement committee, JPD, Ministry of Health, Jordan.

## **SERVICES AND VOLUNTEER WORK:**

1999-2003 Library committee, JUST  
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 or post-doctoral to study or do research in USA, Jordan Fulbright office  
2008-date Different School of Pharmacy, University of Jordan committees  
2008-2016 Different Jordan university hospital committees, University of Jordan committees

2008-2016 Scientific committee board, Scientific Research Fund, Ministry of Higher Education and Scientific Research, Jordan.

**2013-2017 Philadelphia University Board of Trustees, Jordan**

**Journal's Chief Editor:**

August 2017 Jordan Journal Of Pharmaceutical Sciences  
to August  
2019

**Journal's Editorial board member:**

2013 to July 2017 Jordan Journal Of Pharmaceutical Sciences

**Journal's 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  
2008-2013 Jordan Journal of Pharmaceutical Science