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QUALIFICATIONS

PhD in Clinical Pharmacy and Pharmacy Practice

2014 - 2018 **School of Pharmacy, Queen's University Belfast, United Kingdom**

Thesis Title: "Assessment of patient adherence to long term medications within a large pharmacoepidemiological study using the dried blood spot technique"

M. Pharm (Master in Clinical Pharmacy)

2005 – 2007 **School of Pharmaceutical Sciences, University Sains Malaysia (USM), Malaysia**

Graduation project title: Evaluation of drug therapy in Malaysian patients with unstable angina.

BSc. Pharmacy

1999 – 2003 **College of Pharmacy and Health Sciences, Ajman University of Science and Technology, United Arab Emirates**

CURRENT POSITION

August 2019 – present:

Assistant Professor, Department of Clinical Pharmacy and Pharmacotherapeutics

College of Pharmacy, University of Sharjah, UAE

EXPERIENCE

In the UK, at School of Pharmacy, Queen's University Belfast

2018 – 2019 Research Fellow

2014 – 2017 Demonstrator and tutor (part-time)

In the UAE, at College of Pharmacy, University of Sharjah

2010 – 2014 Lecturer and coordinator of pharmacy practical training.

2008 – 2010 Clinical tutor.

Other Position

2007-2008 Medical Claim Processor, National Insurance Company (DAMAN), Abu Dhabi, UAE

2003-2005 Pharmacist under training, Community Pharmacy and Nutrition Centre, Abu Dhabi, UAE

Journal and Magazine Editorial Board member

- Scientific Reports, Nature since March 2022
- Sharjah Pharmacy Forum since 2012

PUBLICATIONS & CONFERENCES PARTICIPATION

➤ Peer-review Journals

1. Kharaba Z, Ahmed R, Khalil A, Al-Ahmed R, Said A, Elnour A, Cherri S, Jirjees F, Afifi h, Ashmawy N, Mahboub B, Alfoteih Y. Parents' Perception, Acceptance and Hesitancy to vaccinate their children against COVID-19: Results from a national study in the UAE. *Vaccines*. 2022;10(9), 1434. <https://doi.org/10.3390/vaccines10091434>
2. Kharaba Z, Feghali E, Malaeb D, El Husseini F, Sacre H, Abou Selwan C, Saadeh S, Hallit S, Salameh P, Jirjees F, AlObaidi H. An assessment of quality of life in patients with asthma through physical, emotional, social and occupational aspects. A cross-sectional study. *Frontiers in Public Health-Family Medicine and Primary Care*. 2022.
3. Jirjees F, Odeh M, Aloum L, Kharaba Z, Alzoubi KH, Obaidi HA. The rise of telepharmacy services during the COVID-19 pandemic: A comprehensive assessment of services in the United Arab Emirates. *Pharmacy Practice*, 2022;20(2). 2634.<https://doi.org/10.18549/PharmPract.2022.2.2634>
4. Jirjees F, Ahmed M, Sayyar S, Amini M, Al-Obaidi H, Al Deyab M. Self-Medication with Antibiotics during COVID-19 in the Eastern Mediterranean Region Countries: A Review. *Antibiotics*. 2022;11(6),733. <https://doi.org/10.3390/antibiotics11060733>
5. Al-Obaidi H, Jirjees F, Al-Azzam S, Faith V, Clarke M, Gardner E, Agus A, McElnay J. Telecare Service Use in Northern Ireland: Exploratory Retrospective Cohort Study. 2022, *JMIR Formative*. 2022;6(5):e22899. doi:10.2196/22899
6. Steenblock C, Hassanein M, Khan EG, Yaman M, Kamel M, Babir M, Lorke D, Everett D, Bejtullah S, Lohmann T, Lindner U, Tahirukaj E, Jirjees FJ, Soliman SSM, Quitter F, Bornstein SR. Obesity and COVID-19: What are the consequences? *Horm Metab Res*. 2022. doi: 10.1055/a-1878-9757.
7. Barakat M, A. AlSalamat H, Jirjees F, Al-Obaidi H, Hussain Z, El Hadidi S, Mansour S, Malaeb D, Hossein H. Factors Associated with Knowledge and Awareness of Stroke among the Jordanian Population: A Cross-Sectional Study. *F1000 Research*. 2022, 10:1242. <https://doi.org/10.12688/f1000research.74492.1>
8. Alzubaidi H, Jirjees FJ, Franson KL, Saidawi W, Othman AM, Rabeeah ZH, Al-Obaidi HJ, Hatahet T, Caliph S. A Global Assessment of Distance Pharmacy Education amid COVID- 19: Teaching, Assessment, and Experiential Training. *International Journal of Pharmacy Practice*. 2021, doi.10.1093/ijpp/riab064
9. Jirjees F, Saad A, Al Hano Z, Hatahet T, Al Obaidi H, Dallal Bashi Y. COVID-19 treatment guidelines, do they really reflect best medical practices to manage the pandemic? *Infection Diseases Reports*. 2021,13.
10. Barakat M, Jirjees F (Co-First Author), Al-Qudah R, Alfoteih Y, Kharaba Z, Al-Obaidi H. The Era of E-Cigarettes: A Cross-Sectional Study of Vaping Preferences, Reasons to Use and Withdrawal Symptoms among Current E-Cigarette Users in the United Arab Emirates. *Journal of Community Health*, 2021,9;1-11. <https://doi.org/10.1007/s10900-021-00967-4>
11. Barakat M, Assaf AM, Al-Qudah R, Thiab S, Alhamed M, Al-Obaidi HJ, Jirjees FJ, Bashedi I. Perception of adults toward electronic cigarettes: a cross-sectional study from Jordan. *Primary Health Care Research & Development*, 2021, 22(e3): 1–9. <https://doi.org/10.1017/S1463423621000062>
12. Barakat M, Al-Qudah R, Alfayoumi I, Al-Obaidi H, Jirjees F, Bashedi I. Electronic

- cigarettes' withdrawal severity symptoms among users during intermittent fasting: a cross-sectional study. *Addiction Science and Clinical Practice*. 2021, 16:10 <https://doi.org/10.1186/s13722-021-00219-9>
13. Alsous M, Ali A, Al-Azzam S, Abdel Jalil M, Al-Obaidi H, Al-abbadi E, Hussain Z, Jirjees F. Knowledge and Awareness about Human Papillomavirus Infection and Its Vaccination among Women in Arab Communities, *Scientific Reports*, 2021, 11:786 <https://doi.org/10.1038/s41598-020-80834-9>
 14. Soliman K, Jirjees F (*Co-First Author*), Sonawanea R, Sheshala R, Wanga Y, Jones D, Raj T. Latanoprost quantification in ocular implants and tissues: HPLC-fluorescence vs HPLC-UV. *Journal of Chromatographic Science*. 2021, 59(1): 64–70. doi: 10.1093/chromsci/bmaa078
 15. Jirjees F, Dallal Bashi Y, Al Obaidi. COVID-19 death and BCG vaccination programs worldwide. *Tuberculosis and Respiratory Diseases*. 2021, 84(1):13-21. DOI: <https://doi.org/10.4046/trd.2020.0063>
 16. Kharaba Z, Buabeid M, Ibrahim N, Jirjees F, Al Obaidi H, Kaddaha A, Khajehkarimodini L, Alfoteih Y. Testosterone therapy in hypogonadal patients and the associated risks of cardiovascular events. *Biomedicine & Pharmacotherapy*. 2020;129, 110423.
 17. Jirjees F, Soliman K, Wang Y, Sonawane R, Sheshala R, Jones D, Thakur R. A validated size exclusion chromatography method coupled with fluorescence detection for rapid quantification of bevacizumab in ophthalmic formulations. *Journal of Pharmaceutical and Biomedical Analysis*, 2019;174: 145–150.
 18. Chen G, Jirjees F, Al Bawab A, McElnay J. Quantification of amlodipine in dried blood spot samples by high performance liquid chromatography tandem mass spectrometry. *Journal of Chromatography B*, 2018, 1072: 252-258.
 19. Mahdi H, Hassan Y, Abdul Aziz N, AbdulRazaq H, Jirjees F, Abdulkarem A. Diabetes knowledge and practice in Malaysian and the United Arab Emirates diabetic patients. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 2013, 4(3): 653-665.
 20. Ibrahim O, Jirjees F, Mahdi H. Barriers affecting compliance of patients with chronic diseases: a preliminary study in United Arab Emirates (UAE) population, *Asian Journal of Pharmaceutical and Clinical Research*. 2012,4(2):42-45.

➤ NON-PEER REVIEWED PUBLICATIONS

21. Jirjees F, Al Obaidi H, Sartaj M, Conlon-Bingham G, Scott M, Gould I, López-Lozano JM, Aldeyab M. Antibiotic use and resistance in hospitals: time-series analysis strategy for determining and prioritising interventions. *Hospital Pharmacy Europe*, 2020, 95, 5-11.
- Jirjees F, E-cigarette, between acceptance and rejection (Arabic). *AlFasial Scientific Magazine*. 2016, 52, 34 – 37.
 - Jirjees F. Medication adherence in blood drop (Arabic). *Al-Arabi Magazine*. 2015, 684, 47-51.
 - Jirjees F, Hassan Y, Ayad M. Evaluation of drug therapy in Malaysian patients with unstable angina. *Emirates Cardiac Society Newsletter*, 2010, 4.
 - Jirjees F. Search for Health in the internet (Arabic). *Information Newsletter*, 2005, 11, 38-49.
 - Jirjees F. Umbilical cord blood - a paradigm shifts to treat incurable diseases (Arabic). *Science and Technology magazine*, 2004, 115, 56-60.

➤ UNPUBLISHED WORKS

- Evaluation of knowledge, practice, and attitude of safe medication disposal among students at the Universities in the United Arab Emirates; Cross-sectional study
- Factors Associated with Knowledge and Awareness of Stroke among the Iraqi Population: A Cross-Sectional Study

- Factors Associated with Knowledge and Awareness of Stroke at the UAE: A Cross-Sectional Study
- Intraoperative Insulin Infusion Regimen versus Insulin Bolus Regimen for Glucose Management during CABG Surgery: A Randomized Clinical Trial

➤ **MANUSCRIPTS UNDER PREPARATIONS**

- Assessment of knowledge and practice related to disposal of expired medicines among community pharmacies in the United Arab Emirates: A cross-sectional study
- The impact of medication adherence and persistence on chronic disease outcomes in pharmacoepidemiological studies: A systematic review.
- Using a novel dried blood spot technique to evaluate metformin exposure in diabetic patients in a large cohort study: method development and validation.
- Impact of virtual pet interventions on health behaviours and well-being: A systematic review.

➤ **CONFERENCE ABSTRACTS PUBLISHED IN JOURNALS**

22. Jirjees F, Chen G, McElnay J. Assessment of patient adherence to long term medicines within a large cohort study using the dried blood spot technique. *International Journal of Clinical Pharmacy (IJCP)*, 2019, 41(1): 297.
23. Mahdi H, Hassan Y, Abdul Aziz N, Abdulrazzaq H, Jirjees F. Diabetes knowledge and practice in Malaysian and United Arab Emirates diabetic patients. *The Journal of Clinical and applied research and education; Diabetes Care, American Diabetes Association*, 2012, 9(4).
24. Jirjees F, Ayad M, Hassan Y. Are the guidelines usually followed in patients with unstable angina? *International Journal of Clinical Pharmacy (IJCP)*, 2011, 33(2), 417
25. Jirjees F, Abd Aziz N, Hassan Y, Rozina G. Is diuretic therapy inappropriate in ascites patients with ineffective intravascular volume? A case report. *Malaysian Journal of Pharmacy*, 2008, 1(6).

➤ **ORAL PRESENTATION (conferences and workshops)**

26. Green Pharmacy, DUPHAT, Dubai, UAE, February 2022.
27. Medication Safety, Sharjah Dental Hospital, Sharjah, Sharjah Dental Hospital December 2021.
28. Comparison of COVID-19 treatment guidelines worldwide. Third International Conference on Pharmaceutical Sciences (ICPS), December 2021. University of Kufa, Iraq.
29. Academic advising and study plan. World Pharmacist Day. September 2021. University of Sharjah, UAE.
30. Referencing and citing. Scientific writing for graduating project workshop. September 2019, February 2020, September 2020, February 2021, September 2021, February 2022. College of Pharmacy, University of Sharjah, UAE.
31. COVID-19 Treatment Guidelines, Do They Really Reflect Best Medical Practices? The fifth scientific pharmacy day. May 2021, Philadelphia University, Jordan.
32. Academia and Research for pharmacy graduates, Life after Graduation workshop. April 2021. College of Pharmacy, University of Sharjah, UAE.
33. Using Mydispense program in pharmacy teaching. March 2021. Jordan.
34. Academic advising workshop. March 2021. College of Pharmacy, University of Sharjah, UAE.
35. Fast-dissolving microneedles for minimally invasive ocular delivery of proteins. Annual postdoc symposium. Queen's University Belfast, March 2019, Belfast, UK.
36. Medication adherence in pharmacoepidemiological studies: a systematic review. European Society for Patient Adherence, Compliance, and Persistence (ESPACOMP) Meeting 2018, December 2018, Dublin, Ireland.

37. Evaluation of adherence to antihypertensive medications using the dried blood spot approach. ESPACOMP Meeting 2018, December 2018, Dublin, Ireland.
38. Assessment of patient adherence to long term medicines within a large cohort study using the dried blood spot technique. The 47th European Clinical Pharmacy symposium (ESCP), October 2018, Belfast, UK.
39. Measuring medication adherence in patient over 50 years old in a pharmacoepidemiological study using the dried blood spots (DBS) method. School of Pharmacy Research Symposium 2016. School of Pharmacy, Queen's University Belfast, June 2016, Belfast, UK.
40. Measuring medication adherence in a pharmacoepidemiological study using the dried blood spot (DBS) method. School of Pharmacy - Career Development Symposium, School of Pharmacy, Queen's University Belfast, September 2015, Belfast, UK.
41. Compatibility of intravenous drug therapy. Intra-Venous Therapy workshop, Al Qassimi Hospital, May 2014, Sharjah, UAE.
42. Warfarin therapy in special population. Anticoagulation Workshop, College of Pharmacy, Sharjah University, April 2014, Sharjah, UAE.
43. Asthma devices. Pharmacists towards achieving better diagnosis and treatment of asthma workshop, College of Pharmacy, Sharjah University, March 2014, Sharjah, UAE.
44. Team Based Learning "TBL" in pharmacy college, First International Pharmacy Students Seminar, Faculty of Pharmacy, University Technology Mara, January 2013, Shah Alam, Malaysia.
45. Academic advising workshop. March 2012. College of Pharmacy, University of Sharjah, UAE.
46. Medication evaluation of osteoporosis patients. The 12th Asian Conference on Clinical Pharmacy (ACCP 2012), July 2012, Hong Kong.
47. Medication non-adherence effect on control of chronic diseases - pilot study on Emirate population. 23rd Federation of Asian Pharmaceutical Associations Congress (FAPA), November 2010, Tiapie, Tawian.
48. The effect of medication compliance on control of chronic diseases. Third International Meeting on Pharmacy and Pharmaceutical Sciences. June 2010, Istanbul, Turkey.
49. Should antibiotic be given in suspected viral meningitis? A case study. 1st USM international postgraduate convention, May 2006, Penang, Malaysia.

➤ **ORAL PRESENTATION (for professional and public)**

- E-cigarettes Vs. Traditional smoking. May 2022. College of Pharmacy, Nineveh University, Iraq.
- Flu vs. COVID-19 infection, The role of Pharmacists. November 2021. College of Pharmacy, University of Sharjah, UAE.
- COVID-19 and Women's Health. October 2021. College of Pharmacy, University of Sharjah, UAE.
- The Role of pharmacist in GI disorders. January 2021. College of Pharmacy, University of Sharjah, Sharjah, UAE.
- Caffeine and sleep disorders. November 2020. University of Sharjah, Sharjah, UAE.
- Pharmacist and Drug Information Center. February 2020. College of Pharmacy, University of Sharjah, Sharjah, UAE.
- OTC pain management. October 2019. Pharmacist Academy, Dubai, UAE.
- The role of community pharmacist in migraine management. November 2019. College of Pharmacy, University of Sharjah, Sharjah, UAE.
- Pearls in diagnosis and management of diabetes. Pharmacist Academy II Symposium, June 2014, Abu Dhabi, UAE.

➤ **POSTER PRESENTATION**

50. Evaluation of medication exposure in a large cohort study using dried blood spot (DBS) analysis. *Advances in Clinical Analysis 2016*. Royal Society of Chemistry and the Chromatographic Society, November 2016, London, UK.
51. Dried blood spot (DBS) analysis to evaluate allopurinol adherence. ESCP international workshop Medication adherence—from theory to daily patient care. European society of clinical pharmacy (ESCP). June 2016, Basel, Switzerland.
52. Using a novel dried blood spot technique to evaluate metformin adherence in a large cohort study. Annual postdoc symposium. Queen's University Belfast, March 2016, Belfast, UK.
53. Assessing metformin adherence in large cohort study using a novel dried blood spot technique. International Pharmaceutical Federation (FIP) congress, September 2015, Düsseldorf, Germany.
54. Development of dried blood spot analytical approaches to assess medication adherence in a large cohort study. 37th all Ireland schools of Pharmacy, School of Pharmacy, Queen's University Belfast, March 2015, Belfast, UK.
55. Safe home storage and disposal of medications among people in the UAE. Sixth Medication Safety Conference. November 2013, Abu Dhabi, UAE.
56. Impact of antibiotics dispensing in community pharmacies on antibacterial resistance occurrence. Sixth Medication Safety Conference. November 2013, Abu Dhabi, UAE.
57. The role of pharmacist in controlling antihistamine abuse. Dubai International Pharmaceuticals and Technologies Conference, March 2013, Dubai, UAE.
58. Evaluation of pharmaceutical care for elderly patients. Dubai international pharmaceuticals and technologies conference, March 2013, Dubai, UAE.
59. Impact of medication leaflets accuracy on patient safety. Fifth medication safety conference. November 2012, Abu Dhabi, UAE.
60. Impact of medication's arrangement on pharmacy shelves on look-alike sound-alike (LASA) problems. Fifth medication safety conference. November 2012, Abu Dhabi, UAE.
61. Assessment of osteoporosis risk factors knowledge and awareness among UAE people. Dubai international pharmaceuticals and technologies conference, March 2012, Dubai, UAE.
62. Pharmacovigilance of self-medication among UAE population. Dubai International Pharmaceuticals and Technologies Conference, March 2012, Dubai, UAE.
63. Knowledge, attitude and practice of diabetes mellitus - A comparative study between Malaysian and the United Arab Emirates. 14th Annual SACPAW Congress at Ajman University of Science and Technology (AUST), February 2012, Ajman, UAE.
64. Intentional and unintentional medication non-adherence effect on control of diabetes. The 12th Asian Conference on Clinical Pharmacy (ACCP 2012), July 2012, Hong Kong.
65. Evaluation of the Impact of medical knowledge versus medication knowledge in controlling diabetes in the United Arab Emirates. 23rd Federation of Asian Pharmaceutical Associations Congress (FAPA), November 2010, Tiapie, Tawian.
66. The role of pharmacists as medication source of information in the United Arab Emirates. 23rd Federation of Asian Pharmaceutical Associations Congress (FAPA), November 2010, Tiapie, Tawian.
67. Are the guidelines usually followed in patients with unstable angina? European Symposium on Clinical Pharmacy, October 2010, Lyon, France.
68. Assessment of drug-related problems prevalence in geriatric patients due to lack of pharmaceutical care intervention. Tenth Asian Conference on Clinical Pharmacy. July 2010, Singapore.
69. The effect of following unstable angina guideline in Malaysia patients. Sixth Asian Cardiovascular Therapeutic 2010. July 2010, Singapore.
70. Evaluation of unstable angina drug therapy. Dubai Hear Failure conference, February 2010, Dubai, UAE.

71. Pharmacist as patient's source of information in Asia, the United Arab Emirates as example. 9th Asian Conference on Clinical Pharmacy, September 2009, Seoul, South Korea.
72. The effect of diabetic patient's knowledge on glycemic control in the United Arab Emirates. 9th Asian Conference on Clinical Pharmacy, September 2009, Seoul, South Korea.
73. The use of erythromycin in the treatment of meningococcal meningitis: a case study. August 2006, Ulaanbaatar, Magnolia.

OTHER SKILLS

- Performing routine administrative tasks associated with the research project, e.g. preparing regular research reports including results and suggestions.
- Excellent communication skills.
- Excellent analytical and problem solving skills with ability to discuss complex information/findings and preparation of reports.
- Time management and project management skills; manage the day-to-day activities of the research project.
- A mentor for PhD students as a part of PhD Peer Mentoring Training Programme.
- Confident in using the Dropbox® technique to share documents and result outputs within the research group.
- Expert in using; Microsoft package e.g. Word, PowerPoint, and Excel sheet.
- Statistical software programmes such as: Prism 5, and SPSS®.
- I have an experience in population pharmacokinetic software (NONMEM®).