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Advanced Microsoft Word, Excel, PowerPoint, Microsoft Office, SPSS, Internet Literate	18
REFERANCES	18

ACHIEVEMENT SUMMARY

Achievement indicator	Score (Total)
Academic Rank	Full Professor, Since 2019
Current Administrative Position	Acting Dean of Research
Funded Projects (Internal and External)	52
Total Funds	\$ 250,607
Papers in international peer-reviewed journals	104 papers
Citations	1204 (Google Scholar)
H Index	18 (Google Scholar)
Postgraduate Supervision	42 Students
Conferences (Local and International)	22
Taught Courses (Undergraduate and Postgraduate)	24

EDUCATION

November 2019	Fellowship in Responsible Conduct of Research , School of Health Sciences, University of California San Diego, USA
January 2009	PhD in Pharmacy Practice and Clinical Pharmacy , School of Pharmacy, Queen's University of Belfast, UK - <i>Thesis Title: The Use of Unlicensed and Off-label Medicines in Children</i>
July 2005	BSc in Pharmacy , Faculty of Pharmacy, University of Jordan, Amman, Jordan
July 2000	General Secondary Certificate , Scientific Stream, National Orthodox School, Amman, Jordan

ACADEMIC EXPERIENCES

ACADEMIC ADMINISTRATIVE EXPERIENCE

10/2019 – Present	Acting Dean , Deanship of Research, Jordan University of Science and Technology, Irbid, Jordan
09/2018 – Present	Vice-Dean , Deanship of Research, Jordan University of Science and Technology, Irbid, Jordan
09/13 – 09/14	Chairman , Department of Clinical Pharmacy, Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan
09/10 – 09/11	Assistant Dean , Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan
04/10 – 09/13	Director , Simulation Pharmacy, Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan

TENURE

- 09/19 – Present** **Professor**, Department of Clinical Pharmacy, Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan
- 09/14 – 08/19** **Associate Professor**, Department of Clinical Pharmacy, Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan
- 09/16 – 09/17** **Sabbatical Leave**, Faculty of Pharmacy, Applied Science Private University, Amman, Jordan
- 09/09 – 08/14** **Assistant Professor**, Department of Clinical Pharmacy, Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan
- 06/10 – 06/13** **Visiting Research Fellow**, School of Pharmacy, Queen’s University Belfast, Belfast, United Kingdom

EXTERNAL & PART-TIME TEACHING EXPERIENCE

- 10/14 – 02/15** Faculty of Pharmacy, Applied Science Private University, Amman, Jordan
- 09/11 – 06/12** Faculty of Pharmacy - Deanship of Electronic Learning, King Khalid University, Abha, Saudi Arabia
- 09/11 – 01/13** Faculty of Pharmacy, University of Jordan, Amman, Jordan
- &**
- 02/09 – 08/09**
- 02/09 – 08/09** Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan
- 09/06 – 11/08** Computer Lab Assistant, Queen’s University Belfast, United Kingdom

TAUGHT MODULES & COURSES

Undergraduate	<i>Clinical Pharmacy & Therapeutics</i>	Clinical Cases, Current Topics in Clinical Pharmacy, Drug Information, Drug Literature Evaluation, Introduction to Clinical Training, Cardiovascular System, Respiratory System, Gastrointestinal System, Pediatrics, Comprehensive Therapeutics, and Hospital Clinical Training.
	<i>Social & Administrative Pharmacy</i>	Pharmacy Practice, Advanced Pharmacy Practice, Community Pharmacy, Pharmacy Ethics, History of Pharmacy, Pharmacy Marketing, Pharmacoeconomics, Patient Counselling, Pharmacy Management, and Pharmacy Regulations.
Postgraduate		Drug Information, Pharmaceutical Care, Pharmacy Practice, Research Methods, & Clinical Pharmacy

ACADEMIC COMMITTEES & COUCILS MEMBERSHIP

10/20 – Current	University Deans Council, As Acting Dean of Research
10/20 – Current	Chair – University Research Committee
10/20 – Current	University Postgraduate Committee
09/18 – Current	University Annual Report Committee
09/17 - 09/18	University Council (Representative for the Faculty of Pharmacy)
09/17 – 09/19	Chair - Community Training Committee
09/17 – 9/2019 &	Chair - Department Research Committee
09/13 - 08/16	Member
09/20 – Current &	Department Graduate Studies Committee
09/17 – 9/2019 &	
09/13 - 08/16	
09/17 – 09/19 &	Clinical Pharmacy Committee
09/15 - 09/16	
09/20 – Current &	Faculty of Pharmacy Council – (Department representative)
09/15 - 08/16,	(Chairman)
09/13 - 08/14 &	(Department representative)
09/10 - 09/11	
09/15 - 08/19	Faculty Research Committee
09/15 - 08/16	Chair - Faculty Social-Services Committee
09/13 - 09/14	Faculty Graduate Studies Committee

* At the Jordan University of Science and Technology

Research Experiences

EDITORIAL BOARD MEMBERSHIPS

Position	Journal
Editorial Board Member	Plos One
Associate Editorial Board Member	Current Clinical Pharmacology
Editorial Board Member	Jordan Journal of Pharmaceutical Sciences
Editorial Board Member	EC Pediatrics

PEER REVIEW

1. Jordan Journal of Pharmaceutical Sciences
2. European Journal of Integrated Medicine
3. Acta Paediatrica
4. International Journal of Clinical Practice
5. Saudi Pharmaceutical Journal
6. Pharmacy Practice
7. British Journal of Clinical Pharmacology
8. BMC Health Services Research
9. Heliyon
10. Journal of Pharmaceutical Health Services Research
11. European Journal of Hospital Pharmacy
12. Oman Medical Journal
13. Medical Research Archives
14. Journal of Child Health Care
15. Clinical Medicine Insights: Pediatrics
16. International Journal of Pharmacy Practice
17. Jordan Medical Journal
18. Medical Principles and Practice
19. Sultan Qaboos University Medical Journal
20. Frontiers in Public Health
21. African Health Sciences
22. Journal of Infectious Diseases and Epidemiology
23. Patient Preference and Adherence
24. Advances in Pharmacological Sciences
25. Clinical Case Reports
26. Social Work in Public Health

FUNDED PROJECTS

- 2021**
1. Community pharmacists' knowledge and attitude about counseling, training and supporting breastfeeding women in Jordan: a Cross sectional study
 2. Self-reported adherence among HIV patients, a mixed methods approach.
 3. The dispensing of non-prescribed antibiotics for pediatrics in community pharmacies: A cross-sectional study in Jordan
 4. Prevalence and risk factors of food-addiction among university students in Jordan.
- 2020**
5. Pharmacists' perception of their role during the COVID19 outbreak, a qualitative content analysis of related posts on local Facebook pharmacy groups in Jordan.
 6. Knowledge and Attitude toward COVID-19 and Acceptance and Perception of Measure used Against Outbreak: A Community Study
 7. Subjective Insomnia Severity and Medication Use Trends among Citizens in Quarantine due to the COVID-19 Pandemic
 8. Knowledge and perceptions about COVID-19: a survey of Jordanian pharmacist

- 2019**
9. Parental experiences and attitudes towards pediatric pharmaceutical care services in Jordan
 10. A qualitative assessment of HIV patients' adherence to treatment and their need for pharmaceutical care services in Jordan
 11. Knowledge and Perception of Pharmaceutical Care, a Study of Final Year Pharmacy Students
 12. An exploratory study of mothers' perceptions and experiences of Cesarean section delivery in Jordan
- 2018**
13. Parental views and attitudes towards the use of unlicensed and off-label medicines in children; A cross sectional study in the Arab world.
 14. Patterns and predictors of parent-based self-medication in children: a qualitative cross-sectional study in Jordan
 15. Self-medication with antibiotics in children, parental perceptions and practices in Jordan
- 2017**
16. Pharmacy students' knowledge of pediatrics and their treatment
- 2016**
17. Knowledge of pharmacovigilance among pediatricians in Jordan.
 18. Evaluating Scientific Research Knowledge and Attitude among Medical Representative in Jordan: A Cross-sectional Survey.
- 2015**
19. Public views and attitudes towards local generics in Jordan.
 20. Views of community pharmacists toward off-label medicine dispensing.
- 2014**
21. Hospital based pharmacists' attitudes towards off-label medicine use in children.
- 2013**
22. Parental views of medicines used in children.
- 2012**
23. Prevalence of off label antibiotic use in children.
 24. Prevalence of non-prescription antibiotic use in Jordan.
 25. Perceptions of Pharmaceutical care services in Jordan, a public survey.
- 2011**
26. Pharmacy students' perceptions of their specialty and future career.
 27. Prevalence of non-adherence among psychiatric patients in Jordan.
- 2010**
28. Pediatricians' Perception of off-label use of medicine in children.
 29. Public knowledge of CVD risk factors and symptoms.
 30. Prevalence of dysmenorrhea among university students in Jordan.
 31. Pharmacists' knowledge and practices of diabetes in Jordan.

ACADEMIC PUBLICATIONS

- 2021**
1. Ayyash, M., Jaber, K., Moghli, M.A., Mukattash, T.L. and Farha, R.A., 2021. Pharmacists' knowledge and perceptions regarding wound management at the community pharmacies in Jordan. *Journal of Applied Pharmaceutical Science*, 11(08), pp.036-042.

2. Khojah, H.M., Itani, R., Mukattash, T.L., Karout, S., Jaffal, F. and Abu-Farha, R., 2021. Exposure of community pharmacists to COVID-19: A multinational cross-sectional study. *Journal of Taibah University Medical Sciences*.
3. Mukattash, I.L., Thomas, R., Nusair, M.B. and Mukattash, T.L., 2021. Social marketing, shock advertising and risky consumption behavior. *International Journal of Emerging Markets*.
4. Jarab, A., Al-Qerem, W. and Mukattash, T., 2021. Attitudes, barriers, motivators and utilization of clinical research: a cross-sectional survey of hospital pharmacists. *Journal of Pharmaceutical Health Services Research*.
5. Alrabadi, N.N., Mukattash, T.L., Alzoubi, K.H., Abu-Farha, R.K., Khabour, O.F. and Mhaidat, N.M., 2021. Awareness of pharmacy researchers about the national research code of ethics: A study from Jordan. *Heliyon*, p.e07180.
6. Abu-Farha, R., Mukattash, T., Itani, R., Karout, S., Khojah, H., Al-Mahmood, A. and Alzoubi, K., 2021. Willingness of Middle Eastern Public to Receive COVID-19 Vaccines. *Saudi Pharmaceutical Journal*.
7. Itani, R., Karout, S., Khojah, H.M., Jaffal, F., Abbas, F., Awad, R., Karout, L., Abu-Farha, R., Kassab, M.B. and Mukattash, T.L., 2021. Community Pharmacists' Preparedness and Responses to COVID-19 Pandemic: A Multinational Study. *International Journal of Clinical Practice*, p.e14421.
8. Abuhammad, S., Mukattash, T.L., Alazzam, S.I., Yafawi, R., Jarab, A.S., Nusair, M.B., Abu-Farha, R.K. and Alrabadi, N.N., 2021. Cesarean Section Delivery From Maternal Perspective: An Exploratory Study in Jordan. *International Journal of Clinical Practice*, p.e14349.
9. Saleh, D., Abu-Farha, R., Mukattash, T.L., Barakat, M. and Alefishat, E., 2021. Views of community pharmacists on antimicrobial resistance and antimicrobial stewardship in Jordan: a qualitative study. *Antibiotics*, 10(4), p.384.
10. Abu Farha, R. K., Mukattash, T. L., Al-Sakran, L., Abu Hammour, K., & Zawiah, M. (2021). Prevalence and predictors of polypharmacy in Jordanian hospitalised patients: A cross-sectional Study. *International Journal of Clinical Practice*, 75(4), e13742.
11. Mukattash, T.L., Jarab, A.S., Al-Qerem, W., Abu Farha, R.K., Itani, R., Karout, S., Mukattash, I.L. and Bsheti, I., 2021. Providing pharmaceutical care during the COVID-19 pandemic: attitudes and experiences of home-treated patients in Jordan. *Journal of Pharmaceutical Health Services Research*, 12(2), pp.321-324.
12. Farha, R.A., Saadeh, M., Mukattash, T.L., Jarab, A.S., Nusair, M.B. and Al-Qirim, W., 2021. Pharmacy students' knowledge and perception about the implementation of pharmaceutical care services in Jordan. *Jordan Journal of Pharmaceutical Sciences*, 14(1).
13. Jarab, A.S., Al-Qerem, W. and Mukattash, T.L., 2021. Career choices of Pharmacy and Pharm D undergraduates: attitudes and preferences. *Heliyon*, 7(3), p.e06448.
14. Nusair, M.B., Alhamad, H., Mukattash, T., Al-sheyyab, R. and Alazzam, S., 2021. Pharmacy students' attitudes to provide rational pharmaceutical care: A multi-institutional study in Jordan. *Jordan Journal of Pharmaceutical Sciences*, 14(1).
15. Alrabadi, N., Shawagfeh, S., Haddad, R., Mukattash, T., Abuhammad, S., Al-rabadi, D., Abu Farha, R., AlRabadi, S. and Al-Faouri, I., 2021. Medication errors: a focus on nursing practice. *Journal of Pharmaceutical Health Services Research*, 12(1), pp.78-86.
16. Jarab, A.S., Al-Qerem, W., Mukattash, T.L. and Al-Hajjeh, D.A.M., 2021. Pharmacy and Pharm. D students' knowledge and information needs about COVID-19. *International Journal of Clinical Practice*, 75(3), p.e13696.
17. Bsheti, I.A., Nassar, R., Barakat, M., Alqudah, R., Abufarha, R., Mukattash, T.L. and Saini, B., 2021. Pharmacists' readiness to deal with the coronavirus pandemic: assessing awareness and perception of roles. *Research in Social and Administrative Pharmacy*, 17(3), pp.514-522.

18. Nuseir, K.Q., Tahaine, L., Al-Mehaisen, L.M., Al-Kuran, O., Ayoub, N.M., Mukattash, T.L. and Al-Rawi, N., 2020. Organophosphate pesticide exposure prenatally influence on pregnancy outcomes. *The Journal of Maternal-Fetal & Neonatal Medicine*, pp.1-14.
 19. Alqudah, M.A., Al-Samman, R.M., Mukattash, T.L. and Abu-Farha, R.K., 2021. Knowledge and attitudes of pharmacists towards colorectal cancer health education in Jordan: A cross-sectional study. *International Journal of Clinical Practice*, 75(5), p.e13986.
 20. Jarab, A.S., Alefishat, E.A., Al-Qerem, W., Mukattash, T.L. and Al-Hajjeh, D.A.M., 2021. Lipid control and its associated factors among patients with dyslipidaemia in Jordan. *International Journal of Clinical Practice*, 75(5), p.e14000.
 21. Farha, R.A., Elayah, E., Zalloum, N., Mukattash, T., Alefishat, E., Suyagh, M. and Basheti, I., 2021. Perception of pharmacy students towards their community pharmacy training experience: a cross-sectional study from Jordan. *BMC medical education*, 21(1), pp.1-7.
 22. Mukattash, T.L., Jarab, A.S., Abu Farha, R.K., Nusair, M.B. and Al Muqatash, S., 2021. Pharmacists' perspectives on providing the COVID-19 vaccine in community pharmacies. *Journal of Pharmaceutical Health Services Research*, 12(2), pp.313-316.
 23. Farha, R.A., Saadeh, M., Mukattash, T.L., Jarab, A.S., Nusair, M.B. and Al-Qirim, W., 2021. Pharmacy students' knowledge and perception about the implementation of pharmaceutical care services in Jordan. *Jordan Journal of Pharmaceutical Sciences*, 14(1).
 24. Jarab, A.S., Alefishat, E.A., Al-Qerem, W., Mukattash, T.L. and Abu-Zaytoon, L., 2021. Variables associated with poor health-related quality of life among patients with dyslipidemia in Jordan. *Quality of Life Research*, 30(5), pp.1417-1424.
- 2020**
25. Abuhammad, S., AlAzzam, M. and Mukattash, T., 2020. The perception of nurses towards their roles during the COVID-19 pandemic. *International journal of clinical practice*, p.e13919.
 26. Jarab, A.S., Mukattash, T.L. and Hilan, H., 2020. Medication non-adherence in patients with osteoporosis: implications for clinical pharmacists and osteoporosis care providers. *Current clinical pharmacology*, 15(3), pp.243-250.
 27. Farha, R.A., Mukattash, T. and Al-Delaimy, W., 2020. Predictors of Plagiarism Research Misconduct: A Study of Postgraduate Pharmacy Students in Jordan. *Journal of Academic Ethics*, pp.1-13.
 28. Abu Farha, R.K., Mukattash, T.L., Al-Sakran, L., Abu Hammour, K. and Zawiah, M., 2020. Prevalence and predictors of polypharmacy in Jordanian hospitalised patients: A cross-sectional Study. *International Journal of Clinical Practice*, p.e13742.
 29. Basheti, I.A., Mhaidat, N.M., Alqudah, R., Nassar, R., Othman, B. and Mukattash, T.L., 2020. Primary health care policy and vision for community pharmacy and pharmacists in Jordan. *Pharmacy Practice*, 18(4).
 30. Mukattash, T.L., Jarab, A.S., Mukattash, I., Nusair, M.B., Farha, R.A., Bisharat, M. and Basheti, I.A., 2020. Pharmacists' perception of their role during COVID-19: a qualitative content analysis of posts on Facebook pharmacy groups in Jordan. *Pharmacy Practice (Granada)*, 18(3).
 31. Alzoubi, A., Kanaan, H., Alhazaimeh, D.A., Gharaibeh, S., Mukattash, T.L. and Kheirallah, K., 2021. Knowledge, attitude, future expectations and perceived barriers of medical students and physicians regarding pharmacogenomics in Jordan. *International Journal of Clinical Practice*, 75(1), p.e13658.
 32. Farha, R.A., Alzoubi, K.H., Khabour, O.F. and Mukattash, T.L., 2020. Factors Influencing Public Knowledge and Willingness to Participate in Biomedical Research in Jordan: A National Survey. *Patient preference and adherence*, 14, p.1373.

33. Mukattash, T.L., Jarab, A.S., Gharaibeh, W.H., Abu-Farha, R.K., Nusair, M.B. and Daghash, R., 2020. Pharmaceutical care in children, an exploratory study of parental experiences in Jordan. *International Journal of Clinical Pharmacy*, 42(4), pp.1145-1152.
34. Abuhammad, S., Alzoubi, K. and Mukattash, T.L., 2020. Religiosity and perceptions about research misconduct among graduate nursing students. *Nursing Open*, 7(6), pp.1774-1778.
35. Mukattash, T.L., Jarab, A.S., Abu-Farha, R.K., Nusair, M., Mukattash, I.L., Obaidat, R.M., Khdour, M. and Basheti, I., 2020. Willingness and readiness to test for COVID-19; A qualitative exploration of community pharmacists. *International journal of clinical practice*, 74(12), p.e13620.
36. Jarab, F., Jarab, A.S., Mukattash, T., Nusairat, B. and Alshogran, O., 2020. Antibiotic dosing adjustments in patients with declined kidney function at a tertiary hospital in Jordan. *International Journal of Clinical Practice*, p.e13579.
37. Basheti, I., Nassar, R., Barakat, M., Alqudah, R., Farha, R.A., Muqatash, T., Thiab, S. and Saini, B., 2020. Pharmacists' perceived barriers towards delivering their emergency roles during the COVID-19 pandemic and perceived policymakers' responsibilities.
38. Alefan, Q., Hamdouni, E.A., Alhamad, H., Mukattash, T. and Rascati, K., 2020. Barriers to implementing pharmacoconomics: interview study. *Expert Review of Pharmacoeconomics & Outcomes Research*, (just-accepted).
39. Basheti, I.A., Nassar, R., Barakat, M., Alqudah, R., Abufarha, R., Muqatash, T. and Saini, B., 2020. Pharmacists' readiness to deal with the coronavirus pandemic: Assessing awareness and perception of roles. *Research in Social and Administrative Pharmacy*.
40. Al Tall, Y.R., Mukattash, T.L., Sheikha, H., Jarab, A.S., Nusair, M.B. and Abu-Farha, R.K., 2020. An assessment of HIV patient's adherence to treatment and need for pharmaceutical care in Jordan. *International Journal of Clinical Practice*, p.e13509.
41. Khdour, M.R., Elyan, S.O., Hallak, H.O., Jarab, A.S., Mukattash, T.L. and Astal, A., 2020. Pharmaceutical care for adult asthma patients: A controlled intervention one-year follow-up study. *Basic & Clinical Pharmacology & Toxicology*, 126(4), pp.332-340.
42. Jarab, A.S., Al-Azzam, S., Badaineh, R., Mukattash, T.L. and Bsoul, R., 2020. Awareness and Perception of Thromboembolism and Thromboprophylaxis among Hospitalized Patients in Jordan. *Current Clinical Pharmacology*, 15(1), pp.72-80.
43. Alrabadi, N., Haddad, R., Haddad, R., Shawagfeh, S., Mukatash, T., Al-rabadi, D. and Abuhammad, S., 2020. Medication errors among registered nurses in Jordan. *Journal of Pharmaceutical Health Services Research*, 11(3), pp.237-243.
44. Abu Farha, R.K., Rashad, M., Hasen, E., Mukattash, T.L., Al-Hashar, A. and Basheti, I.A., 2020. Evaluation of the effect of video tutorial training on improving pharmacy students' knowledge and skills about medication reconciliation. *Pharmacy Practice (Granada)*, 18(1).
45. Jarab, A.S., Rababa'h, A.M., Almousa, A., Mukattash, T.L. and Bsoul, R., 2020. Non-adherence to pharmacotherapy and its associated factors among patients with angina in Jordan. *Journal of Pharmaceutical Health Services Research*, 11(1), pp.61-65.
46. Abuhammad, S., Alzoubi, K., Khabour, O. and Mukattash, T., 2020. Jordanian National Study of Nurses' Barriers and Predictors for Research Utilization in Clinical Settings. *Risk Management and Healthcare Policy*, 13, p.2563.
47. Nusair, M.B., Arabyat, R., Mukattash, T.L., Alhamad, H., Ghaida, M.T.A. and Momani, M.Y., 2020. Pharmacists' Perspectives on Providing the Influenza Vaccine in Community Pharmacies: A Qualitative Study. *Risk Management and Healthcare Policy*, 13, p.2179.
48. Farha, R.A., Alzoubi, K., Khabour, O. and Mukattash, T., 2020. Perceptions Towards Medical Research Participation: A Study from Jordan. *Journal of Multidisciplinary Healthcare*, 13, p.901.

49. Jarab, A.S., Al-Qerem, W., Mukattash, T.L. and Al-Hajjeh, D.A.M., 2020. Pharmacy and Pharm. D students' knowledge and information needs about COVID-19. *International journal of clinical practice*, p.e13696.
- 2019**
50. Mukattash, T. L., Mhaidat, N. M., Al-Khawaldeh, A., Jarab, A. S., & Nusair, M. B. Views regarding the safety and efficacy of medicines used in children: comparing originators and local generics in Jordan. *Journal of Pharmaceutical Health Services Research*.
51. Jarab, A. S., & Mukattash, T. L. (2019). Exploring variables associated with medication non-adherence in patients with COPD. *International journal of clinical pharmacy*, 41(5), 1202-1209.
52. Abdo, S., Nuseir, K. Q., Altarifi, A. A., Barqawi, M., Ayoub, N. M., & Mukattash, T. L. (2019). Management of Sickle Cell Disease Pain among Adolescent and Pediatric Patients. *Brain sciences*, 9(8), 182.
53. Jarab, A. S., Alefishat, E., Mukattash, T. L., Albawab, A. Q., Abu-Farha, R. K., & McElnay, J. C. (2019). Exploring variables associated with poor health-related quality of life in patients with type 2 diabetes in Jordan. *Journal of Pharmaceutical Health Services Research*, 10(2), 211-217.
54. Abu Hammour, K., Abu Farha, R., Rizik, M., Mukattash, T., Alnan, M., Alkhader, A., ... & Basheti, I. (2019). Pharmacy drive-thru service in Jordan: assessing customers' awareness, perceptions and factors affecting the use of this service. *Journal of Pharmaceutical Health Services Research*, 10(1), 141-147.
55. Jarab, A. S., Mukattash, T. L., Hilan, H., & Bsoul, R. (2019). Health-related quality of life and its associated factors among outpatients with osteoporosis. *Journal of Pharmaceutical Health Services Research*.
56. Mukattash, T. L., Jarab, A. S., Abu-Farha, R. K., & Nusair, M. B. (2019). A qualitative assessment of the pediatric content in pharmacy curricula adopted by pharmacy schools in Jordan. *Pharmacy practice*, 17(1).
57. Mukattash, T. L., Jarab, A. S., Khawaldeh, A., & Nusair, M. (2019). Parental self-treatment of their children in Jordan, a qualitative study. *Journal of Pharmaceutical Health Services Research*.
58. Farha, R. A., Hammour, K. A., Mukattash, T., Alqudah, R., & Aljanabi, R. (2019). Medication histories documentation at the community pharmacy setting: A study from Jordan. *PloS one*, 14(10).
59. Abu Farha, R. K., Mukattash, T. L., Qudah, R., Alkhalaleh, W., & Alsaffar, S. (2019). Drug-related problems and health-related quality of life in outpatients with type 2 diabetes: a cross-sectional study from Jordan. *Journal of Pharmaceutical Health Services Research*, 10(3), 303-309.
60. Mukattash, T. L., Alkhatatbeh, M. J., Andrawos, S., Jarab, A. S., AbuFarha, R. K., & Nusair, M. B. (2019). Parental self-medication of antibiotics for children in Jordan. *Journal of Pharmaceutical Health Services Research*.
61. Khmour, M. R., Elyan, S. O., Hallak, H. O., Jarab, A. S., Mukattash, T. L., & Astal, A. Assessment of the inhalation technique and adherence to therapy and their effect on disease control in outpatients with asthma. *Journal of Pharmaceutical Health Services Research*.
62. Mukattash, T. L., Jarab, A. S., Daradkeh, A., Abufarha, R., AbuHammad, S. H., & AlRabadi, N. N. (2019). Parental views and attitudes towards use of unlicensed and off-label medicines in children and paediatric clinical trials: an online cross-sectional study in the Arab world. *Journal of Pharmaceutical Health Services Research*.
63. Charbe, N. B., Zacconi, F. C., Amnerkar, N., Pardhi, D., Shukla, P., Mukattash, T. L., ... & Tambuwala, M. M. (2019). Emergence of Three Dimensional Printed Cardiac Tissue:

- Opportunities and Challenges in Cardiovascular Diseases. *Current cardiology reviews*, 15(3), 188-204.
- 2018**
64. Mukattash TL, Jarab AS, Khawaldeh A, Nuseir NB. Parental self-treatment of their children in Jordan, a qualitative study. *Journal of Pharmaceutical Health Services Research*. Accepted 2018
 65. Mukattash TL, Alkhaldy S, Alefan Q, Jarab AS, Al-Azayzih A. Off-label medicine use in children, a study of community pharmacists in Jordan. *Journal of Pharmaceutical Health Services Research*. Accepted 2018
 66. AbuFarha RK, Mukattash TL, Qudah, R, Alkhalaileh, W, Alsaffar S. Drug Related Problems and Health-Related Quality of Life in Outpatients with Type II Diabetes: A Cross-sectional Study from Jordan. *Journal of Pharmaceutical Health Services Research*. Accepted 2018
 67. Mukattash TL, Jarab AS, Abu-Farha RK, Alefishat E. Pharmaceutical Care in Children: Self-Reported Competencies of Final Year Pharmacy Students in Jordan. *Sultan Qaboos Medical Journal*. Accepted 2018
 68. Al-Azayzih A, Gharaibeh S, Jarab AS, Mukattash TL. Prevalence of Torsades de Pointes Inducing Drugs Usage among Elderly Outpatients in North Jordan Hospitals. *Saudi Pharmaceutical Journal* 2018
 69. Mukattash TL, Nabrawi J, Jarab AS, AbuFarha R, Ta'an W. Administration of off-label medicines to pediatrics, self-reported experiences and perceptions of nurses working in pediatric wards in Jordan. *Journal of Pharmaceutical Health Services Research* 2018
 70. Jarab A, Alefishat E, Mukattash TL, Albawab Abdelqader, AbuFarha R, McElnay JC. Exploring variables associated with poor health-related quality of life in patients with type 2 diabetes in Jordan. *Journal of Pharmaceutical Health Services Research* 2018
 71. Jarab A, Alefishat E, Bani Nasur R, Mukattash TL. Investigation of variables associated with medication non-adherence in patients with hypertension. *Journal of Pharmaceutical Health Services Research* 2018
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- 2015**
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- 2014**
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- 2012**
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- 2011**
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- 2008**
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CONFERENCES

- 2021**
1. Willingness to administer COVID-19 vaccine in community pharmacies. Talk presented at the COVID-19 Pandemic: Pharmaceutical & Biomedical Research and Perspectives Conference. Jadara University, Irbid, March 2021
 2. Pharmaceutical care for home treated COVID-19 Patients. Talk presented at the Mutah Pharmacy Conference, February 2021.
- 2020**
3. An exploratory qualitative study of HIV patients' adherence and their need for pharmaceutical care services. Poster presented at the 7th PCNE Working Symposium. Egmond aan Zee, the Netherlands, February 2020
- 2019**
4. Pharmaceutical care in pediatric patients, knowledge attitudes and practices of community pharmacists in Jordan. Poster presented at the HSRPP 2019 conference, Birmingham, UK 12-13 April 2018
- 2018**
5. Knowledge, awareness, and practices of unlicensed and off-label medicines, a decade of research from Northern Ireland to Jordan. Poster presented at the 48th ESCP Symposium on Clinical Pharmacy. Belfast, Northern Ireland, 24 - 26 October 2018
 6. Knowledge and attitudes of pharmacovigilance and ADRs spontaneous reporting among pediatricians and paediatric residents in Jordan. Poster presented at the 48th ESCP Symposium on Clinical Pharmacy. Belfast, Northern Ireland, 24 - 26 October 2018
 7. Pharmaceutical care in pediatric patients, knowledge attitudes and practices of community pharmacists in Jordan. Poster presented at the 48th ESCP Symposium on Clinical Pharmacy. Belfast, Northern Ireland, 24 - 26 October 2018
 8. Knowledge and attitudes of pharmacovigilance and ADRs spontaneous reporting among paediatricians and paediatric residents in Jordan. Poster presented at the HSRPP 2018 conference, Newcastle, UK 12-13 April 2018
 9. Pharmaceutical Care in Community Pharmacies in Jordan; A public survey, Poster presented at the HSRPP 2018 conference, Newcastle, UK 12-13 April 2018
 10. Knowledge of paediatric pharmaceutical care, a questionnaire based cross sectional study of final year pharmacy students in Jordan, Lecture presented at the HSRPP 2018 conference, Newcastle, UK 12-13 April 2018
- 2017**
11. Insights into pediatric pharmaceutical care. Paper read at the 1st International Medical Conference of Prince Hamzah Hospital 9-11 March
- 2016**
12. Pediatric pharmacy research in Jordan. Paper read at the 3rd ASU pharmacy conference: Recent Trends in Postgraduate Research
- 2015**
13. The use of unlicensed and off-label medicines in children; insights into practice. Paper read at the 15th Jordanian Pharmaceutical Conference, Amman, Jordan.
 14. Glances at the use of medicine in children in Jordan. Paper read at the 1st Jordanian Pharmaceutical Postgraduate Conference, Applied Science University, Amman, Jordan

- 2014** 15. Off-label antibiotic prescribing in Jordan. Paper read at the pan-Arab Pharmaceutical Conference, Ain Shams University, Cairo, Egypt.
- 2012** 16. Public knowledge and awareness of cardiovascular disease and its risk factors; a cross sectional study of 1000 Jordanians. Paper read at the 4th International Jordanian Pharmaceutical Conference, Al-Zaytoonah University, Amman, Jordan 16-17 October
17. Job satisfaction among pharmacists working in academia in Jordan – a qualitative assessment. Paper read at the 14th Jordanian Pharmaceutical Conference, Amman, Jordan 26-28 April.
- 2011** 18. Predictors of adherence among psychiatric patients in Jordan. Paper read at the 5th Conference on Scientific Research in Jordan, Amman 19th November.
19. Sources of information used when prescribing for children. A cross sectional study of hospital based pediatricians, Poster presented at the 3rd Kuwait International Pharmacy Conference, Kuwait, Kuwait 14-16 February.
- 2010** 20. The use of unlicensed and off-label medicines in children in Jordan, Paper read at the 3rd International Jordanian Pharmaceutical Conference, Al-Zaytoonah University, Amman, Jordan 22-24 October.
21. Good pharmacy practice; an insight into education. Paper read at the 13th Jordanian Pharmaceutical Conference, Amman, Jordan 22-24 April.
22. The use of unlicensed and off-label medicines in children; review and recommendations. Paper read at the 13th Jordanian Pharmaceutical Conference, Amman, Jordan 22-24 April.
- 2008** 23. A qualitative measure of children views on the use of medicines in children and participation in clinical trials. Paper read at the British Pharmaceutical Conference (BPC), Manchester, UK, 6-9 Sep.
24. Awareness and attitudes of general public on the use of unlicensed and off-label medicines in children. Paper read at the Annual Conference of Schools of Pharmacy in Ireland, University College Cork, Ireland, UK, 1-3 April.
- 2007** 25. Awareness and attitudes of general public on the use of unlicensed and off-label medicines in children paper read at the British Pharmaceutical Conference (BPC), Manchester, UK, 2-3 April

POSTGRADUATE SUPERVISION

Year	Student	Degree	Current Position
2021	Lina Abu Sardaneh	MSc in Nutrition	
	Haddel Daradkeh	MSc Public Health	Community Pharmacist
	Shahd Alkhateeb	MSc in Nutrition	Nutritionist
	Claudia Ayoub	MSc in Nutrition	
	Georgina Butros	MSc in Clinical Pharmacy	Community Pharmacist
	Dima Hweidy	MSc in Clinical Pharmacy	Community Pharmacist

	Meead Harahsheh	MSc in Clinical Pharmacy	Community Pharmacist
	Buthaina Azoubi	MSc in Nutrition	
2020	Shireen Kurdi	MSc in Nutrition	
	Alaa' Ghaith	MSc in Public Health	MD at MoH
	Tasneem Tahat	MSc in Clinical Pharmacy	Lieutenant Colonel at the Royal Medical Services
2019	Israa Alshammari	MSc in Clinical Pharmacy	Hospital Pharmacist
2018	Huda Sheikha	MSc in Clinical Pharmacy	PhD Student
	Shireen Andrawes	MSc in Clinical Pharmacy	Major at the Royal Medical Services
	Reham Yafawi	MSc in Clinical Pharmacy	Pharmacist
	Mohammad Saadeh	MSc in Clinical Pharmacy	Chief Pharmacist at Pharmacy One
2017	Aseel Daradkeh	MSc in Clinical Pharmacy	Community Pharmacist
	Amani Khawaldeh	MSc in Clinical Pharmacy	Hospital Pharmacist
	Walaa Gharaibeh	MSc in Clinical Pharmacy	PhD Student
2016	Maisa Alwadi	MSc in Clinical Pharmacy	Lecturer at Balqa Applied University
	Meys Attar	MSc in Clinical Pharmacy	Head of Scientific Office at Novartis, Jordan
2015	Jamal Nibrawi	MSc in Public Health	Hospital Pharmacist
	Samer Abdiljaleel	MSc in Clinical Pharmacy	Major at the Royal Medical Services
2014	Ali Khawaldeh	MSc in Clinical Pharmacy	Lieutenant Colonel at the Royal Medical Services
	Shatha Alkhalidi	MSc in Clinical Pharmacy	Hospital Pharmacist
2013	Amani Abuirjie	MSc in Clinical Pharmacy	Community Pharmacist
2012	Nuha Y. AlGhazwi	MSc in Clinical Pharmacy	Lecturer at Balqa Applied University
2011	Shorouk Ibrahim	MSc in Clinical Pharmacy	Lecturer at Al-Isra University
	Noor Bazzi	MSc in Clinical Pharmacy	Community Pharmacist, Canada
	Julia Hajaj	MSc in Clinical Pharmacy	Lecturer at the American University of Madaba
2010	Ala' Bani Yaseen	MSc in Clinical Pharmacy	Brigadier at the Royal Medical Services
	Ejlal Abu ElRub	MSc in Clinical Pharmacy	PhD Student

PROFESSIONAL MEMBERSHIP

09/19 - Present	National Rational Drug List Committee , Jordan Food and Drug Administration (JFDA), Amman, Jordan
09/18 - Present	Peer Reviewed Journal Committee , Jordan Pharmacist Association, Amman, Jordan
04/18 - Present	Experiential Education and Examination Board , Jordan Pharmacist Association, Amman, Jordan
10/17 - Present & 10/10 - 10/13	Medicine Pricing Advisory Committee , Jordan Food and Drug Administration (JFDA), Amman, Jordan
04/18 - Present	European Society of Clinical Pharmacy (ESCP)
08/05 - Present	The Jordan Pharmacist Association (JPA) , Amman, Jordan
12/07 - Present	Research Forum for the Child , Belfast, United Kingdom
01/10 - Present	Good Pharmacy Practice Group (GPP) , Jordan Pharmacist Association, Amman, Jordan

05/10 - Present International Society for Pharmacoeconomics and Outcomes Research (ISPOR).

WORKSHOPS

- 12/20 **Critical Thinking and Teaching Responsible Conduct of Research**, University of California San Diego, USA
- 02/19 **Excellence in higher education**, King Abdullah II Center for Excellence, Jordan
- 02/19 **Advanced Training Program For Directors of Academic Practice Centres in Jordanian Universities**, British Council, Amman, Jordan
- 12/17 **Quality assurance in healthcare, Online Course**, Edraak, Queen Rania Foundation, Jordan
- 11/17 **Cardiac health care, Online course**, Edraak, Queen Rania Foundation, Jordan
- 11/17 **Maternal & child care, Online course**, Edraak, Queen Rania Foundation, Jordan
- 10/17 **Educational design**, Edraak in Collaboration with Academic Development Centre, Jordan University of Science and Technology
- 10/17 **Smart Pharmacy in Jordan**, Jordan Pharmacist Association in collaboration with ACCP and FIP, Land Mark Hotel, Amman, Jordan
- 01/14 **Syllabus and curriculum design**, Academic Development Centre, Jordan University of Science and Technology
- 01/14 **Advanced SPSS**, Academic Development Centre, Jordan University of Science and Technology
- 12/11 **Clinical Investigation Training Program**, Jordan Food and Drug Administration, Amman
- 12/11 **Good Governance of Medicine Workshop**, Jordan Food and Drug Administration, Amman
- 02/10 **Modern university education methods**, Academic Development Centre, Jordan University of Science and Technology

COCURRICULAR & UNDERGRADUATE ACTIVITIES AND MEMBERSHIP

- 11/17 **Participant, World Science Forum**, Dead Sea - Jordan
- 12/06 **Organizing Committee**, Woman Leadership in Post Conflict Societies Conference, United Nations University - Jordan
- 06/04 **International Leadership Program (ILP)**, United Nations University (UNU), Youth Leadership Academy (UNU-YLA)
- 01/02 - **Youth Leadership Program (ILP)**, United Nations University, Jordan
- 06/04
- 06/03 - **Executive Committee of the Higher Youth Council for Distinction & Excellence**, King Abdullah II Fund for Development (KAFFD), Amman, Jordan
- 06/04
- 04/02 - **Student Council**, University of Jordan, Amman, Jordan
- 06/04
- 05/03 **First Jordanian Youth Forum**, Dead Sea, Jordan
- 06/03 **Extraordinary Annual Meeting - World Economic Forum(WEF)**, Dead Sea - Jordan

SOCIAL & COMMUNITY SERVICE

- 07/2020 - Present** **Member, Orthodox Educational Society (OES),** Amman, Jordan
09/2019 - Present **Member, Parents Teacher Assembly (PTA),** National Orthodox School, Amman, Jordan
06/2020 - Present **Member, Administrative Board, Ronald McDonald House Charities,** Amman, Jordan

LANGUAGES & COMPUTER SKILLS

Arabic: Mother-tongue.

English: Fluent (writing, reading, speaking).

Advanced Microsoft Word, Excel, PowerPoint, Microsoft Office, SPSS, Internet Literate

REFERANCES

- Professor Saeb Khreisat** Former President
Jordan University of Science and Technology
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- HE Professor Adel AlTweissy** Former Minister of Higher Education
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