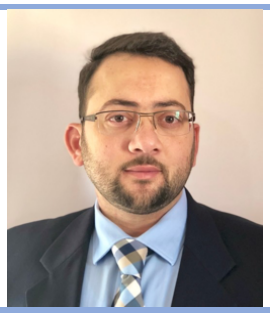
Suhaib M. MUFLIH, PhD, PharmD



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PROFESSIONAL SUMMARY

Dr. Suhaib Khalifah Muflih received his PharmD from JUST in Jordan, his PhD in Clinical and Sociobehavioral Pharmacy from NSU in Florida, and a fellowship in "Responsible Conduct of Research" from UCSD in California. Dr. Muflih is currently an associate professor and Assistant Dean for student affairs at (JUST), Faculty of Pharmacy, where he has extensive experience teaching undergraduate and graduate courses aimed at increasing students' competencies and connecting knowledge and practice. Dr. Muflih is also skilled at implementing active learning, which fosters student participation and further develops their learning skills, resulting in excellent learning outcomes.

Dr. Muflih's research line focuses on health behaviors, health literacy, antibiotics, and health outcomes. The majority of Dr. Muflih's research projects are motivated by the courses he teaches, his engagement with healthcare professionals, and his interactions with researchers in the field. Dr. Muflih investigated several health-related topics and behaviors feasible for research, which were then published in the form of original research papers in renowned peer-reviewed journals. Dr. Muflih has mentored approximately 20 master's students at JUST and other Jordanian pharmacy schools.

Further, Dr. Muflih has worked with a group of international experts on multidisciplinary research projects concerning antibiotics and antibiotic resistance to offer appropriate recommendations to policymakers. Dr. Muflih has been selected as a clinical researcher by the JCDC to work on the "One Health" project, which entails gathering and analyzing current evidence and proposing an appropriate health framework. Dr. Muflih collaborates closely with the WHO to review health-related teaching curricula and address the issue of antibiotic resistance in Jordan.

I strongly believe that the effectiveness of the teaching and learning process requires dedication, leadership, and the ability to understand students' needs and wants. Evidence-based decisions can be promoted by fostering knowledge and hands-on experience that students should gain through courses and active learning. The instructor's personality and communication skills have a significant impact on students' performance and motivation through critical thinking, problem-solving, reciprocity and constructive debate.

I. EDUCATION

Year	Degree / Institution
2018 - 2019	Fellow Graduate Certificate in Research Ethics The University of California San Diego (UCSD) San Diego, CA
2012 - 2017	Doctor of Philosophy (PhD) Nova Southeastern University (NSU) Fort Lauderdale, Florida
2010 - 2012	Pharmacy Intern Iowa University Hospital Iowa City, Iowa
2003 - 2009	Doctor of Pharmacy (PharmD) Jordan University of Science and Technology (JUST) Irbid - Jordan

II. Academic and Administrative Work Experience

Duration	Description/Title	Location
10/2024-Present	Deputy Director in the Consultative Center for Science and Technology	Jordan University of Science & Technology (JUST)
03/2023-Present	Associate Professor	College of Pharmacy/Jordan University of Science & Technology (JUST)
10/2022-Present	ISPOR Regional Lead in the EMEA region	EMEA region
09/2021-09/2024	Assistant Dean for Student Affairs	College of Pharmacy/Jordan University of Science & Technology (JUST)
2019/09-Present	Clinical Training Supervisor	King Abdullah University Hospital (KAUH)
01/2020-Present	Regional Vice President of ISPOR-Student Chapter	College of Pharmacy/Jordan JUST and the University of Jordan
07/2019-Present	Chief Supervisor of ISPOR-Student Chapter	College of Pharmacy/JUST
03/2018-03/2023	Assistant Professor	College of Pharmacy/Jordan University of Science & Technology (JUST)
05/2015-05/2016	ISPOR-Student Chapter's Chair for Postgraduate Students	Nova Southeastern University (NSU)/Fort Lauderdale/USA

09/2015-09/2017	Research and teaching assistant	College of Pharmacy/NSU/West Palm Beach/Department of Social, Behavioral and Administrative Pharmacy/USA
09/2014-09/2015	Research and teaching assistant	NSU/Fort Lauderdale/Department of Pharmaceutical Practice/America
02/2010-08/2010	Clinical Training Preceptor	KAUH
08/2009-02/2010	Part-time lecturer	JUST

III. Teaching Courses

Undergrad courses:

Clinical Nutrition_ PHAR562
Clinical Seminar (For PharmD Students) _PHMD568
Clinical Training: Internal Medicine I (For PharmD Students) _ PHMD640
Clinical Training: Pediatrics (For PharmD Students) _PHAR644
Clinical Training: Ambulatory Care (For PharmD Students) _ PHAR642
Clinical Training: Critical Care (For PharmD Students) _ PHAR645
Clinical Training: Internal Medicine II (For PharmD Students) _ PHAR643
Community Pharmacy (For PharmD Students) _PHAR402
Clinical Training: Clinical Nutritional Support_PHMD670
Drug Information Resources (For PharmD Students) _ PHAR D366
Ethics And Pharmacy Practice_ PHAR466
Early Practice Experience (For PharmD Students) _ PHMD564
Pharmaceutical Marketing_ PHAR565
Pharmacology I_ PHAR D341
Pharmacy Ethics and Law (For PharmD student) _ PHMD561
Pharmacy Practice_ PHAR569
Therapeutics III_PHAR560
Therapeutics-Infectious Diseases (For PharmD Students) _ PHAR D543
Therapeutics-Woman and Man Health (For PharmD Students) _ PHAR D544
Introduction to Pharmacy_ PHAR122
Clinical Training: Clinical Nutritional Support_PHMD670

Graduate Courses:

Scientific Writing and Research Ethics_Phar700
Research Methodology_Phar710
Empirical Research Methods_Phar789
Bioinformatics and eHealth Ethics_ PHAR797E
Ethics in Public Health_ PHAR797C
Patients' Reported Outcome Measures_ PHARM762

IV. Academic Supervision and Thesis Committee for Graduate Students

Primary Advisor

- **May 2023**: "Knowledge, attitudes, adherence, and health-care experiences from multiple sclerosis (MS) patients' perspectives: a study from Jordan"

- **May 2023**: “A retrospective study of healthcare providers compliance to perioperative antibiotic prophylaxis in women undergoing caesarean section in Jordan”
- **May 2022**: “Nutritional status and its impact on health outcomes in hospitalized patients: a cross-sectional observational study.”
- **April 2022**: “Prevalence of Drug-related problems and contributing factors among hospitalized patient admitted to general tertiary care hospital: observation Cohort study.”
- **October 2021**: “Knowledge, attitudes, and practice regarding early premotor Parkinson's disease among healthcare professionals: A cross-sectional study in Jordan.”
- **March 2020**: “Impact of health literacy on self-medication practice: a cross-sectional outpatient study**.”**

Co-Advisor

- **May 2024: “**The impact of point of care quality improvement model implementation on Reproductive, maternity, newborn, and child health: Point of Care Quality Improvement importance in avoiding preventable complication”
- **Feb 2023:** “Customer loyalty to community pharmacy in Jordan and self-medication with over-the-counter drug and antibiotics”
- **May 2023: “**Treatment Cost Awareness: A Cross-Sectional Study among Primary Healthcare Providers from the Healthcare Sector in Jordan”
- **February 2022**: “Predictors of non-adherence to pharmacotherapy and health-related quality of life among outpatients with cardiovascular diseases in Jordan.”
- **February 2021**: “The Role of Clinical Pharmacist in Enhancing Hemodialysis Patients Adherence and Clinical Outcomes: A Randomized-Controlled Study.”
- **February 2021**: “Pharmacist knowledge competency and role in informatics; across sectional study.”
- **February 2021**: “Assessment of Hospital Pharmacists Knowledge, Attitudes and Barriers for pharmaceutical Care Practice in Jordan.”

Internal Examiner

- **June 2022**: “Evaluation of Antimicrobial Stewardship Programs and Antibiotic Prescribing Patterns in Ambulatory Care Settings in Jordan.”
- **June 2021**: “Surveillance study of bloodstream infections among intensive care unit patients: antimicrobial use, resistance, and mortality.”
- **September 2020**: “The Impact of Educational Program on Nurses' Knowledge and Attitude Toward Pediatric Palliative Care.”
- **July 2019**: “Investigations of variables associated with medication non-adherence in patients with osteoporosis.”
- **July 2019**: “Direct medical costs among patients with irritable bowel syndrome in Jordan.”
- **June 2019**: “Health literacy and related health behavior: A community-based cross-sectional study from a developing country.”

V. Interprofessional Education (IPE)

- **October 2024**: Erasmus+ Academic Mobility: A week-long academic exchange to "Latvijas Universitātes Rīgas 1 medicīnas koledža" in Riga, Latvia,
- **December 2023**: IPE Activity on Diabetic Foot Infection among students pursuing health professions. JUST
- **June 2022**: Global Scholars Achieving Career Success (GSACS) at LaGuardia Community College: A class-to-class virtual interactions involving students from the City University of New York and universities in the MENA area, particularly JUST University in Jordan.
- **May 2022**: Participation in "Strategies for Maximizing the Impact of an Interprofessional Journal Club" Webinar Organized by Gulf Medical University
- **Jan 2022**: Participation in the Health Interprofessional Education Committee organized by Jordan University of Science and Technology
- **April 2021**: Participation in Integrative medicine and Herbal Therapies training that raise awareness about the herbal use among different specialties
- **Jan 2021-current**: Participation in the Health Interprofessional Education Committee Organized by Qatar University
- **October 2019-october 2020**: ISPOR Adopt-A-Chapter MENTOR/MENTEE Program that aimed to discuss various topics of interest of mentee chapters (e.g., education, social activities, workshops, annual events) among JUST and University of Maryland ISPOR Student-Chapter's members
- **April 2019**: Collaboration with NSU faculty members to discuss what both schools of pharmacy offer in their undergrad's pharmacy' curriculum regarding public health, pharmacist role in publish health, and good research topics for graduate students in the presence of faculties from the college of public health and osteopathic medicine
- **Jan 2019**: Participation in the Health Interprofessional Education Committee organized by Jordan University of Science and Technology and the University of Huddersfield /UK

VI. Academic Experiences and Continuous Education

2020-2021	Massive Open Online Course (MOOC) on Implementation Research
2020-2021	Evaluation Online Teaching (Magna)
2019-2020	Peer-Assessment Experience
2019-2020	Curriculum Review and Evaluation Experience
2018-2019	Responsible Research Conduct
2015 - 2016	Class Facilitator and tutoring / Microbiology and Pharmacotherapy/ NSU, Florida
2014 - 2017	Primary Data Collection Survey Construction and Validation Statistical Analyses Grant Review Experience

2011- 2012	Pharmacy internship, University of Iowa Hospitals and Clinics: - Training for providing clinical consultative services to patients and therapeutic recommendations to nurses and physicians - Training for the sterile compounding and aseptic techniques
2009 - 2010	Teaching Assistant, Department of Clinical Pharmacy, Jordan University of Science and Technology
2009 - 2010	Supervising PharmD and MSc. Clinical Pharmacy Students: Cardiology and Endocrinology Rotations at King Abdullah University Hospital (KAUH) and other local hospitals, Jordan
2008 - 2009	Community Pharmacy Training, Platinum Pharmacy, Irbid - Jordan
2007 - 2008	Hospital Pharmacy Training, Princess Basma Hospital, Irbid - Jordan

VII. Community Service and Extracurricular Activities

- **March 2025:** Tool development expert, during stakeholders meeting to discuss the usefulness and the benefits of the newly developed and validated tool (the Social Accountability Scorecard) designed and validated to evaluate the quality of healthcare services in Jordan.
- **November 2024:** Speaker about Drivers for irrational antibiotic use: Antimicrobial resistance. Medical College, KAUH, Jordan
- **July 2024:** "An expert research leader for a three-month project that included advanced statistical procedures (FA), social accountability scorecard analysis, and report preparation."
- **April 2024:** An expert research leader for a three-month project that sought to measure social engagement in healthcare systems developing and validating a new tool (**the Social Accountability Scorecard**) aimed to evaluate the quality of healthcare services in Jordan.
- **May 2024**: Served as a panelist for "Learning from Policy Leaders in Pharmacy Around the World: Eastern Mediterranean Region, Middle East " at the **International Pharmaceutical Federation (FIP)**, my talk was about Health optimization using socio-behavioral theories.
- **April 2024**: Served as a panelist for "Enhancing Health Outcomes in Chronic Disease Patients " **at RAK Medical and Health Sciences University**: my talk covered examples of how the MENA region used advocacy to shape education policy as well as the implementation process, successes, and challenges. Also, I highlighted the role of the FIP academic section in assisting and influencing education policy in the region.
- **July 2023-Present**: An active member of the committee representing JCDC and HCAC, in the responsibility of reviewing and evaluating healthcare policies and regulations (one Health Approach)

- **June 2023**: A 6-hour workshop was held to familiarize professionals and students from various health disciplines with the HTA and value for money to better grasp the concept of pharmacoeconomic for effective implementation in routine practice
- **January 2023**: Promoting pharmaceutical marketing through various concepts and techniques under the supervision of well-trained pharmacists from Jordanian pharmaceutical companies
- **December 2022-present**: Collaboration initiatives between JUST medical colleges and the WHO to assess levels of awareness and understanding about antibiotics and antibiotic resistance, including community surveys, campaigns, and curriculum assessment.
- **May 2022**: Collaborating with a group of academics and students from Universiti Sains Malaysia's School of Pharmaceutical Sciences to develop an updated and validated dual language questionnaire to examine adults' current knowledge, perception, and attitude toward COVID-19 immunization in both countries.
- **February 2022**: an invitation from the immunization and immunology Certificate Programs Coordinator, a Professor in Sociobehavioral and Administrative Pharmacy at NSU-Florida, to participate in the workshop and speak on pharmacists as patient advocates during DUPHAT 2022.
- **May 2022**: Participating in the open day for the College of Applied Medical Sciences at JUST aimed at increasing exposure to different advances in the field and exchange of knowledge (over 150 attendees from various disciplines)
- **November 2021**: Giving an orientation lecture for clinical supervisor regarding verbal and non-verbal communication while dealing with patients and healthcare providers from different backgrounds (over 30 attendees from the clinical pharmacy department at several tertiary hospitals)
- **October 2021**: Giving a lecture about Evidence-Based Medicine: “Health Technology Assessment: basic concepts and applications” more than 100 attendees from different disciplines. National Center for Diabetes, Amman
- **October 2021**: Supervising graduate students in the production of an academic and scientific brochure in plain language for chronic disease patients. (20 PharmD students)
- **June 2020**: An online session titled "The Use of Complementary Medicine and Immune Enhancers to Fight Viral Infections: New Treatment Modalities" was organized. Dr. Suhaib Muflih, Faculty Advisor of ISPOR JUST-Chapter, and members, as well as members of Jordan Pharmaceutical Students' Association (JPSA) and the Egyptian Pharmaceutical Students' Federation (EPSF). (100 attendees), Amman.
- **July 2020**: Organizing an Online session entitled "Ethical considerations relating to providing supportive and alternative medicine therapies for patients with Covid-19. (135 attendees) led by the faculty advisor and members of the ISPOR-JUST Chapter
- June 2020: organizing an online session entitled "Pharmacoeconomic principle and cost containment during the infectious disease pandemics". A collaboration between Jordan Pharmacy Student association (JPSA) and ISPOR-JUST, 120 Pharmacy students attended.
- **July 2019**: Quit Smoking Campaign. JUST, Jordan
- **May 2019**: Organizing and participating in an Interactive pharmacogenetics symposium for pharmacy and medical students. (50 people in attendance) Florida/USA

- **October 2018**: Delivering a scientific lecture at Jordan Pharmacists Association (JPA) with the goal of raising awareness about medications that require PGx testing.
- **April 2018**: Blood Pressure and Blood Glucose measurements and Patients Education. KAUH, Jordan
- **April 2016:** Heart Walk/ NSU-Fort Lauderdale, Florida
- **February 2016:** Community Festival. NSU-Fort Lauderdale, Florida
- **August 2009-January 2010**: Primary Data Collector for the Medicine Transparency Alliance (MeTA) Project of the World Health Organization (WHO) and the High Health Council (HHC). A randomized population sample was used to collect data on medication availability, affordability, accessibility, and rational medication use. Amman, Jordan

VIII. Professional Memberships

- The Jordanian Association of Pharmacy (JPA)
- eHealth Development Association
- Pharmacy Graduate PhD Association-SGA
- The Rho Chi Pharmacy Honor Society
- American Society of Health-System Pharmacists (ASHP)
- International Society For Pharmacoeconomics and Outcomes Research (ISPOR)
- American Association of Colleges of Pharmacy (AACP)
- Florida Society of Health-System Pharmacists (FSHP)
- The American Pharmacists Association (APhA)
- American College of Clinical Pharmacy (ACCP)

IX. Workshops and Webinars

September 2024: January 2024	Organizing a Dietary Supplement Activity at the Pharmacy Square to raise awareness among students. Ethical Challenges in Pharmacy Practice. DUPHAT 2024, UAE
September 2024	Become an active member of the academic section at FIP
September 2023	JPSA_Health Promotion, leading a workshop at Rotana Hotel,
January 2023	ISPOR Annual Meeting Addressing Rising Healthcare Challenges Related to Rare Diseases and Public health, KSA online
January 2023	Collaborative Workshop: Practicing at the Top of Your License, UAE
October 2022	Dyslipidemia Adherence Masterclass for Pharmacists. IVPN Network, UAE online
June 2022	Peer reviewer motivation & recognition
May 2022	Methodological & Statistical Research
May 2022	Real World Data & Information System
March 2022	AI/ML for Data-driven Real-World Insights
February 2022	Research-Based Theory
February 2022	44th IVPN-AR: "NSAID Pain Management: A Patient Centered Approach
February 2022	Vaccination and Immunology
January 2022	Bioethics Interest Group's COVID-19 Webinar Series: Omicron and Quarantine Ethics

September 2021	Blended Education
July 2021	JUST-UoB 1st Research Collaboration Workshop
May 2021	MOOC on Implementation Research (IR) with a focus on Infectious Diseases of Poverty (IDP)
January 2021	RCR Health Informatics
December 2020	Parenteral Nutrition
November 2020	Evaluating Online Teaching
November 2019	Prescribing of Over-the-Counter Medicines. JUST, Jordan
July 2019	Principles of Machine Learning for Prediction
March 2018	Assessment of Drug Information Sources for Health are providers JUST, Jordan
January 2016	Faculty Development Workshops. NSU-Fort Lauderdale, Florida, USA
March 2014	Institutional Review Board Workshop. NSU-Fort Lauderdale, Florida, USA
February 2014	Grant Workshop. NSU-Fort Lauderdale, Florida, USA
April 2010	Updates in Therapeutics. American college of clinical pharmacy (ACCP). Charlotte, North Carolina, USA
December 2009	Drug Information Resources, Jordan Pharmaceutical Association. Amman - Jordan

X. Administrative Activity and Committee Membership

- Chair of the JUST-FOP ACPE Subcommittee for Meeting Criterion-19 Standards
- Chair of the Committee to establishing a master's Program in Bioethics
- Chair of the Interprofessional Education (IPE) Committee
- Chair The Malaysian Accreditation Committee/Subcomponent
- Assistant Dean of the College of Pharmacy
- A member of the Performance Evaluation Committee
- A member of the Strategic Plan Committee
- A member of the Accreditation and Quality Control Committee
- A member of the Study Plan and Academic Schedule Committee
- A member of the Clinical Pharmacy and Pharmaceutical Practice Committee
- A member of the Student Issues Committee
- A member of the Alumni Committee.
- A member of the Examination Evaluation Committee
- A member of the American Accreditation Committee
- A member of the Scientific Research Committee for Undergraduate Students

XI. Services to Students

2021-2022	Counselling Services: Assist students in planning program coursework, selecting electives, dealing with academic obstacles, and managing stress.
2019-Present	Faculty advisor of the ISPOR JUST-Student Chapter. JUST, Jordan Developing Students Research Skills
2015 - 2016	President of International Society for Pharmacoeconomics and Outcomes Research (ISPOR)-Student Chapter. NSU, FL

2012 - 2016 Student Tutoring, NSU, FL

XII. Peer Review Publications

1. Alabbadi, I., Al-Ajlouny, S., Alsoud, Y., BaniHani, A., Arar, B. A., Massad, E. M., **Muflih, S.** & Shawawrah, M. (2025). The cost-of-illness of multiple sclerosis in Jordan. Expert Review of Pharmacoeconomics & Outcomes Research, 25(2), 179-186.
2. Al-Azayzih, A., Al-Qerem, W., Al-Azzam, S., Alzoubi, K. H., Jirjees, F., Al-Kubaisi, K., Kharaba, Z., **Suhaib Muflih**., Roaa Kanaan. & Abandeh, A. H. (2024). Medications Associated with Geriatric Syndromes and Prescribing Patterns: The Impact of Excessive Polypharmacy in Older Adult Patients. Therapeutics and Clinical Risk Management, 741-748.
3. Jarab, A. S., Mansour, R. Z., **Muflih, S**., Al-Qerem, W., Abu Heshmeh, S. R., Alzoubi, K. H., ... & Al Momany, E. M. (2024). Determinants of Health-Related Quality of Life in Outpatients with Myocardial Infarction. Journal of Multidisciplinary Healthcare, 2133-2145.
4. Alabbadi, I., Al-Ajlouny, S., Alsoud, Y., BaniHani, A., Arar, B. A., Massad, E. M., **Muflih, S**.,,& Shawawrah, M. (2024). The cost-of-illness of multiple sclerosis in Jordan. Expert Review of Pharmacoeconomics & Outcomes Research, 1-8.
5. Jarab, A. S., Mansour, R. Z., **Muflih, S.,** Al-Qerem, W., Heshmeh, S. R. A., Mukattash, T., ... & Khdour, M. (2024). Medication non-adherence among outpatients with myocardial infarction: A hospital-based study. Clinical Epidemiology and Global Health, 28, 101682.
6. Al-Taani, G. M., **Muflih, S. M.,** Alsharedeh, R., Karasneh, R., & Al-Azzam, S. I. (2024). The impact of COVID-19 pandemic on treatment adherence, access to care, and disease control in diabetic patients in Jordan, an online survey. Journal of Applied Pharmaceutical Science, 14(9), 247-254.
7. Al-Taani, G. M., **Muflih, S. M**., Al-Azzam, S. I., & Alzoubi, K. H. (2024). Costs saved and avoided from pharmacist interventions to address drug-related problems identified from outpatient clinics in Jordan. Plos one, 19(6), e0302287.
8. Al-Azayzih, A., Al-Qerem, W., Al-Azzam, **S., Muflih**, S., Al-Husein, B. A., Kharaba, Z., ... & Rahhal, D. (2024). Prevalence of Medication Associated with QTc Prolongation Used Among Critically Ill Patients. Vascular Health and Risk Management, 27-37.
9. **Muflih, S**., Al-Azzam, S. I., Alzoubi, K. H., Karasneh, R., Hawamdeh, S., & Sweileh, W. M. (2024). A bibliometric analysis of global trends in internet addiction publications from 1996 to 2022. Informatics in Medicine Unlocked, 101484.
10. Jarab, A. S., **Muflih, S**., Almomani, R., Heshmeh, S. A., Hammour, K. A., Mukattash, T. L., ... & Alefishat, E. A. (2024). Hospital pharmacists' knowledge, attitudes and practice of pharmaceutical care and the barriers for its implementation at the hospital setting. Heliyon.
11. Rawashdeh, M., Alzoubi, K. H., **Muflih, S**., Al-azzam, S., & Halboup, A. M. (2024). Community pharmacists' attitudes, prior experience, and perceived barriers to informatics: A cross-sectional study from a developing country. Informatics in Medicine Unlocked, 46, 101473.
12. Al-Taani, G. M., **Muflih, S**., Alsharedeh, R., & Altaany, Z. (2023). Knowledge, Willingness to Pay and Beliefs for Seasonal Influenza Vaccination, A Cross-Sectional Study from Jordan. Jordan Journal of Pharmaceutical Sciences, 16(4), 842-856.

13. Ghaith M Al-Taani, Sayer I Al-Azzam, Karem H Alzoubi, Waleed M Sweileh, **Suhaib Muflih**. (2023) Polypharmacy in the elderly: A bibliometric and visualization analysis. Electronic Journal of General Medicine.
14. **Muflih, S. M.**, Al-Azzam, S., Karasneh, R. A., Bleidt, B. A., Conway, B. R., Bond, S. E., & Aldeyab, M. A. (2023). Public knowledge of antibiotics, self-medication, and household disposal practices in Jordan. Expert Review of Anti-infective Therapy, 21(4), 477-487.
15. AlBrakat, N., Al-Hawary, S., **& Muflih, S**. (2023). Green supply chain practices and their effects on operational performance: An experimental study in Jordanian private hospitals. Uncertain Supply Chain Management, 11(2), 523-532.
16. AlBrakat, N., Al-Hawary, S., & **Muflih, S**. (2023). The effect of green supply chain on the export performance of the Jordanian pharmaceutical industry. Uncertain Supply Chain Management, 11(2), 613-624.
17. Barakat, M., Farha, R. A., **Muflih, S**., Ala'a, B., Othman, B., Allozi, Y., & Fino, L. (2022). The Era of E-learning from the Perspectives of Jordanian Medical Students: A cross-sectional study. Heliyon, e09928,
18. Osama Y. Alshogran, Manar H. Hajjar, **Suhaib M. Muflih, and** Karem H. Alzoubi. (2022). The Role of Clinical Pharmacist in Enhancing Hemodialysis Patients' Adherence and Clinical Outcomes: A Randomized-Controlled Study. International Journal of Clinical Pharmacy
19. Muna Barakat, Reem Abutayeh, Samar Thiab, Yazan Batarseh, Bayan Othman, Husam Alsalamat, **Suhaib Muflih,** Rana Abu Farha, Tareq Mukattash, andcShatha Al-Omari. Book Chapter: Pharmacy education, practice, and research in Jordan. (2022) Springer (**Accepted**)
20. **Muflih, S. M**., Al-Azzam, S., Karasneh, R. A., Conway, B. R., & Aldeyab, M. A. (2021). Public Health Literacy, Knowledge, and Awareness Regarding Antibiotic Use and Antimicrobial Resistance during the COVID-19 Pandemic: A Cross-Sectional Study. Antibiotics, 10(9), 1107.
21. **Muflih, S.,** Abuhammad, S., Al-Azzam, S., Alzoubi, K. H., Muflih, M., & Karasneh, R. (2021). Online learning for undergraduate health professional education during COVID-19: Jordanian medical students' attitudes and perceptions. Heliyon, 7(9), e08031.
22. **Muflih, S.,** Alshogran, O. Y., Al-Azzam, S., Al-Taani, G., & Khader, Y. S. (2021). Physicians' Knowledge and Attitudes Regarding Point-of-Care Pharmacogenetic Testing: A Hospital-Based Cross-Sectional Study. Pharmacogenomics and personalized medicine, 14, 655.
23. **Muflih, S. M**., Bashir, H. N., Khader, Y. S., & Karasneh, R. A. (2022). The impact of health literacy on self-medication: A cross-sectional outpatient study. Journal of Public Health, 44(1), 84-91.
24. Albekairy, A. M., Shawaqfeh, M. S., Alharbi, S. H., Almuqbil, F., Alghamdi, M. A., Albekairy, N. A., ... & Alkatheri, A. (2022). Prophylaxis of Cytomegalovirus Infection in Solid Organ Transplantation, Retrospective Evaluation. Transplant Research and Risk Management, 35-45.
25. **Muflih, S. M**., Al-Azzam, S., Abuhammad, S., Jaradat, S. K., Karasneh, R., & Shawaqfeh, M. S. (2021). Pharmacists' Experience, Competence, and Perception of
26. **Muflih, Suhaib**, Sayer Al-Azzam, Lynn Lafferty, Reema Karasneh, Ola Soudah, and Yousef Khader. "Pharmacists self-perceived role competence in prevention and containment of COVID-19: A cross-sectional study." Annals of Medicine and Surgery 64 (2021): 102243.

27. **Muflih, S.,** Alzoubi, K. H., Al-Azzam, S., & Al-Husein, B. (2021). Depression symptoms and quality of life in patients receiving renal replacement therapy in Jordan: A cross-sectional study. Annals of Medicine and Surgery, 66, 102384.
28. Telepharmacy Technology in Response to COVID-19. International Journal of Clinical Practice, e14209.
29. **Muflih, S**., Al-Husein, B. A., Karasneh, R., & Alzoubi, K. H. (2020). Physicians' Attitudes and Ethical Obligations to Pharmacogenetic Testing. Journal of multidisciplinary healthcare, 13, 249.
30. Muflih, S., Halum, A., Bhinder, T., Shawaqfeh, M., Fore, J., & Chaar, N. (2019). The Linkage between Amphetamine-Type Stimulants and HIV Sexual Transmission Risk Behaviors (TRBs): A Systematic Review. Systematic Reviews in Pharmacy, 10(1).
31. **Muflih, S**., Bleidt, B. A., Lafferty, L., Shawaqfeh, M. S., & Alvarez, G. (2019). Measuring knowledge and attitudes towards the utilization of pharmacogenetic testing among physicians. Journal of Pharmaceutical Health Services Research, 10(2), 227-234.
32. Alefishat, E., Jarab, A. S., **Muflih, S**., & Aqeel, A. W. (2022). Community pharmacists' attitudes toward practice-based research and their perceived utilization of scientific evidence. PloS one, 17(3), e0264193.
33. Karasneh, R. A., Al-Azzam, S. I., Ababneh, M., Al-Azzeh, O., Al-Batayneh, O. B., **Muflih, S**. M., ... & Aldeyab, M. A. (2021). Prescribers' Knowledge, Attitudes and Behaviors on Antibiotics, Antibiotic Use and Antibiotic Resistance in Jordan. Antibiotics, 10(7), 858.
34. Alqudah, I., Barakat, M., **Muflih, S. M**., & Alqudah, A. (2021). Undergraduates' perceptions and attitudes towards online learning at Jordanian universities during COVID-19. Interactive Learning Environments, 1-18.
35. Karasneh, R., Al-Mistarehi, A. H., Al-Azzam, S., Abuhammad, S., **Muflih, S**. M., Hawamdeh, S., & Alzoubi, K. H. (2021). Physicians' Knowledge, Perceptions, and Attitudes Related to Patient Confidentiality and Data Sharing. International Journal of General Medicine, 14, 721.
36. Abuhammad, S., **Muflih, S**., Alzoubi, K. H., & Gharaibeh, B. (2021). Nursing and PharmD Undergraduate Students' Attitude Toward the "Do Not Resuscitate" Order for Children with Terminally Ill Diseases. Journal of Multidisciplinary Healthcare, 14, 425.
37. Abuhammad, S., **Mufleh, S**., Alzoubi, K. H., & Almasri, R. (2021). Pediatrics palliative care from nursing and PharmD perspectives. Pediatrics International.
38. Abuhammad, S., **Muflih, S**., Gharaibeh, H., Alazzam, S., & Abuismael, L. (2021). Knowledge of pediatric palliative care among medical students in Jordan: A cross-sectional study. Annals of Medicine and Surgery, 102246.
39. Karasneh, R., Al-Azzam, S., **Muflih, S**., Soudah, O., Hawamdeh, S., & Khader, Y. (2021). Media's effect on shaping knowledge, awareness risk perceptions and communication practices of pandemic COVID-19 among pharmacists. Research in Social and Administrative Pharmacy, 17(1), 1897-1902.
40. Shawaqfeh, M. S., Al Bekairy, A. M., Al-Azayzih, A., Alkatheri, A. A., Qandil, A. M., Obaidat, A. A., ... & **Muflih, S. M**. (2020). Pharmacy Students Perceptions of Their Distance Online Learning Experience During the COVID-19 Pandemic: A Cross-Sectional Survey Study. Journal of medical education and curricular development, 7, 2382120520963039.
41. Karasneh, R. A., Al-Azzam, S. I., Alzoubi, K. H., **Muflih, S**. M., & Hawamdeh, S. S. (2020). Smartphone Applications for Period Tracking: Rating and Behavioral Change among Women Users. Obstetrics and Gynecology International, 2020.

42. Karasneh, R. A., Al-Azzam, S. I., Alzoubi, K. H., Rababah, L. K., & **Muflih, S**. M. (2020). Health literacy and related health behaviour: a community-based cross-sectional study from a developing country. Journal of Pharmaceutical Health Services Research, 11(3), 215-222.
43. Hailat, M., Al-Shdefat, R. I., **Muflih, S.** M., Ahmed, N., Attarabeen, O., Alkhateeb, F. M., ... & Gassar, E. S. (2020). Public knowledge about dosage forms, routes of drug administration and medication proper storage conditions in Riyadh District, Saudi Arabia. Journal of Pharmaceutical Health Services Research, 11(3), 205-213.
44. Karasneh, R. A., Al-Azzam, S. I., Alzoubi, K. H., Hawamdeh, S. S., & **Muflih, S**. M. (2019). Patient data sharing and confidentiality practices of researchers in Jordan. Risk management and healthcare policy, 12, 255.
45. Shawaqfeh, M., Zhao, W., & **Muflih, S**. (2017). Validation of HPLC-UV Method for Analysis of 4-Pyridoxic Acid in Human Urine. Health Sciences, 6(12), 100-104.
46. Alameddine, S., **Muflih, S**., Hale, G., & Khanfar, N. M. (2016). Development and Implementation of Customized Intravenous to Oral Conversion Protocol: Cost-Saving Analysis. Value in Health, 19(3), A272. DOI: 10.1016/j.jval.2016.03.879.
47. Halum, A. S., Bhinder, M. T. M., Shawaqfeh, M. S., & **Muflih, S. M**. (2016). An In-Depth Look at the Clinical Relevance of Pharmacogenetic Testing Ascertained. Journal of Molecular and Genetic Medicine, 2016. DOI: 10.4172/1747-0862.1000210.
48. Shawaqfeh, M. S., Bhinder, M. T., Halum, A. S., Harrington, C., & **Muflih, S**. (2015). Adverse Drug Events Related to Canagliflozin: A Meta-Analysis of Randomized, Placebo-Controlled Trials. Advances Pharmacoepidemiology and Drug Safety, 4(196), 2167-1052. DOI:10.4172/2167-1052.1000196.
49. Bhinder, M. T. M., Halum, A. S., **Muflih, S. M**., & Shawaqfeh, M. (2015). Pharmacogenetic Testing for Methotrexate Treatment in Leukemia Patients. Journal of Biomolecular Research & Therapeutics, 4(134), 2. DOI:10.4172/2167-7956.1000134.
50. Al-Azzam, S. I., AlOmari, M., Khader, Y. S., AlMahasneh, F. A., **Muflih, S. M**., & Altawalbeh, S. (2012). Effects of pioglitazone add-on to gliclazide and metformin on glycemic control in patients with type 2 diabetes. Endocrine research, 37(1), 7-11. DOI: 10.3109/07435800.2011.566238.

XIII. Posters Presented in Scientific Meeting

- **January 2025:** Disease Knowledge and Quality of Life in Rheumatoid Arthritis Patients: A cross-sectional Study. Professional Poster Professional Oral Presentation at DUPHAT 2025, UAE.
- **September 2024**: "Knowledge regarding early premotor symptoms of Parkinson's disease among healthcare professionals: A cross-sectional study in Jordan." The 82nd FIP World Congress of Pharmacy and Pharmaceutical Sciences 2024, Cape Town, South Africa
- **January 2024**: A Cross-Sectional Study of Malnutrition Prevalence and Associated Factors among Hospitalized Patients in Jordan. DUPHAT 2024, Dubai, UAE
- **September 2023**: **Suhaib Muflih**. Costs avoided from pharmacist interventions to address drug-related problems identified in outpatient clinics. FIB 2023. Brisbane, Australia
- **September 2023**: **Muflih Suhaib.** Malnutrition among Hospitalized Patients in Tertiary Hospital: Across-Sectional and Retrospective Chart Review Study. Pharmacy Profession in the Bicentuary: A Future Vision. JPA, Amman

- **October 2022**: Value of autonomy in herbal medicine use and disclosure among patients with chronic diseases. The 7th International Conference of Research Ethics, online
- **May 2022**: **Muflih Suhaib**. COVID-19 Vaccine Hesitancy Among Early Adaptors in Jordan. ISPOR 2022, Washington DC.
- **Muflih Suhaib**. Pharmacists as Patients' advocate. Professional Poster Presenter at DUPHAT 2022, UAE.
- **Muflih Suhaib**. Physicians' knowledge and attitudes regarding point-of-care pharmacogenetics testing: a hospital-based cross-sectional study. Professional Poster Presenter at DUPHAT 2020, UAE.
- **Muflih, S**., Bleidt, BA., Lafferty, L., Shawaqfeh, M.s. (2019, June). Physicians' opinions and expectations towards pharmacogenetic testing and pharmacists' expanded role. CPIC Open Meeting. St. Jude Children's Research Hospital, Marlo Thomas Center Atrium, Memphis, TN, US
- **Muflih, S.** (April 2019). SPEAKER at 1st FIP regional Conference "Envisioning the future together: Transforming pharmacy for better primary health care". Amman, Jordan.
- **Muflih, S.** and Belal Al-Hussein. (2019, November). The 4th International Conference on Research Ethics in Jordan". JUST, Jordan.
- **Muflih, S**., Bleidt, B., Popovici, I., & Khanfar, NM. (2017, November). Community physicians' knowledge and attitudes towards pharmacogenetic testing. Poster session will be presented at the American Public Health Association 145th Annual Meeting, Atlanta, GA.
- **Muflih, S**., Bleidt, B., Khanfar, NM., & Popovici, I. (2017, March). Measuring knowledge and attitudes regarding the use of pharmacogenetic testing among patients. Poster session presented at the American Pharmacists Association 164th Annual Meeting, San Francisco, CA.
- **Muflih, S**., Bleidt, B., Khanfar, NM., & Popovici, I. (2016, December). Measuring knowledge and attitudes regarding the use of pharmacogenetic testing among physicians. Poster session presented at the American Society of Health-System Pharmacists 51st Annual Midyear Clinical Meeting, Las Vegas, NV.
- Sherbeny, F., **Muflih, S**., & Barry, B. (2016, December). Pharmacist's Role in HF Patient's Transition of Care: RCT. Poster session presented at the American Society of Health-System Pharmacists 51st Annual Midyear Clinical Meeting, Las Vegas, NV.
- **Muflih, S.,** Bleidt, B., Khanfar, NM., & Popovici, I. (2016, October). Measuring Knowledge and Attitudes Regarding the Use of Pharmacogenetic Testing among Patients and Prescribers: Diffusion of Innovation Theory. Poster session presented at the American College of Clinical Pharmacy 45th Annual Meeting, Hollywood, FL.
- Hale, G., **Muflih, S**., Alameddine, S., & Khanfar, NM. (2016, October). Prescribing Patterns of Thiazide Diuretics. Poster session presented at the American College of Clinical Pharmacy 45th Annual Meeting, Hollywood, Florida.
- **Muflih, S**., Bleidt, B., Khanfar, NM., Popovici I., & Sanchez, J. (2016, August). Knowledge and attitudes regarding the use of pharmacogenetic testing among patients and physicians: a systematic review. Poster session presented at the Florida Society of Health-System Pharmacists 50th Annual Meeting, Orlando, FL.
- Alameddine, S., **Muflih, S**., Hale, G., & Khanfar, N. M. (2016, May).

Development and Implementation of Customized Intravenous to Oral Conversion Protocol: Cost-Saving Analysis. Poster session presented at the International Society for Pharmacoeconomics and Outcomes Research 21st Annual Meeting, Washington, DC.

- **Muflih, S**., Khanfar, NM., Shawaqfeh, M., Bleidt, B., & Popovici I. (2016, February). Knowledge and attitudes towards pharmacogenetic testing among a cohort of patients and prescribers: diffusion of innovation theory. Poster session presented at the NSU Research Day, Fort Lauderdale, FL.
- **Muflih, S**., Fore, J., Shawaqfeh, M., & Khanfar, NM. (2016, February). Literature Based Evidence of the Clinical Relevance of Pharmacogenetic Testing for Simvastatin. Poster session presented at the NSU Research Day, Fort Lauderdale, FL.
- **Muflih, S**., Khanfar, NM., Shawaqfeh, M., Bleidt, B., & Popovici, I. (2015, December). Knowledge and attitudes towards pharmacogenetic testing among a cohort of patients and prescribers: diffusion of innovation theory. Poster session presented at: American Society of Health-System Pharmacists 50th Annual Midyear Clinical Meeting, New Orleans, LA.

XIV. Attending and Participating in Local Conferences

- **September 2023**: Malnutrition among Hospitalized Patients in Tertiary Hospital: Cross-Sectional and Retrospective Chart Review Study. Pharmacy Profession in the Bicentenary: A Future Vision. JPA, Amman
- **June 2023:** The 5th International Pharmacy Conference entitled "Multidisciplinary Pharmaceutical Research", Jordan University of Science & Technology (JUST), organizer and moderator
- **August 2021**: presenting a research paper titled "Physicians' Ethical Obligations to Pharmacogenetic Testing" during the 6th International Conference on Ethics in Jordan and the MENA and IBRO-MENA International Conference on Neuroethics. University of Science and Technology, Irbid, Jordan
- **March 2021**: presenting a scientific topic titled "Antibiotics Prescribing during COVID-19: COVID-19 Pandemic" during the "Pharmaceutical & Biomedical Research and Perspectives" conference at Jadara University
- **November 2020: presenting a scientific topic title "**: Ethical considerations relating to providing supportive and alternative medicine therapies for patients with Covid-19" during the 5th International Conference on Research Ethics in the MENA region
- **April 2019**: Presenting a scientific topic tilted "Envisioning the future together: Transforming pharmacy for better primary health care" during the 1st FIP regional Conference. Amman, Jordan
- **October 2016**: The 12th International Association for chronic fatigue syndrome/myalgic encephalomyelitis Research and Clinical Conference: Emerging Science and Clinical Care conference. Nova Southeastern University, Florida
- **September 2016**: Future of Medicine Summit/ the 10th Anniversary; Palm Beach County Convention Center, Florida
- **September 2016**: Emerging Challenges in Primary Care/ the 15th Annual Conference; Fort Lauderdale Marriott Coral Springs
- **August 2016**: The Medical Marijuana Program; Nova Southeastern University, Florida

XV. Participating in the Peer Review Evaluation of Scientific Articles Submitted in the Following Journals:

- Currents in Pharmacy Teaching and Learning (**Associate Editor**)
- Antibiotics (reviewer)
- BMC Health Services (reviewer)
- BMJ Open (reviewer)
- Dove Press (reviewer)
- Frontiers (reviewer)
- International Journal of Surgery Protocol (reviewer)
- Journal of Pharmaceutical Health Services Research (JPHS) (reviewer)
- Al-Balqa Journal for Health and Applied Sciences (reviewer)
- Jordan Journal of Pharmaceutical Sciences (reviewer)
- Plos one (reviewer)
- Sage Open (reviewer)
- Scientific Reports (reviewer)

XVI. Research In Progress

- Measuring HealthCare Providers as well as Patients' Knowledge and Attitudes towards Pharmacogenetic Testing in Jordan
- Literature-Based Evidence of the Clinical Relevance of Pharmacogenetic Testing for Simvastatin
- Predictors Associated with Herbal Medicine Utilization and Disclosure among Patients with Chronic Diseases
- Prescribing Patterns of Thiazide Diuretics
- Willingness-to-Pay for Pharmacogenetic Testing among Patients with Diabetes Mellitus
- Antibiotic Disposal Practices Among the General Public

XVII. Grants

- September 2021: JOD 3,300 fund received from Deanship of Research at JUST to support the following work" Public Awareness and Health literacy regarding antibiotics use and antimicrobial resistance during the COVID-19 Pandemic: A Cross-Sectional Study.
- July 2020: JOD 1,800 fund received from Deanship of Research at JUST to support the following work "The Health Belief Model: Understanding Preventative Behaviors, Alternative Medicine Practices, and Vaccination Acceptance amongst the General Public in Response to the COVID-19 Pandemic"
- October 2019: JOD 1,000 fund received from Deanship of Research at JUST to support the following research project: Predictors Associated with Herbal Medicine Utilization and disclosure among Patients with Chronic Diseases
- May 2018: JOD 3,480 fund received from Deanship of Research at JUST to conduct the following research: Measuring Knowledge and Attitudes Regarding the Use of Pharmacogenetic Testing among Healthcare providers and Patients: Rogers' Theory
- October 2016: Awarded received from PanSGA Professional Development Grantto present at the 2016 ACCP Annual Meeting, 10/23/2016 to 10/26/2016. Measuring

Knowledge and Attitudes Regarding the Use of Pharmacogenetic Testing Among Patients and Prescribers: Diffusion of Innovation Theory

- June 2016: Awarded $4,990 by HPD Research Committee. Measuring knowledge and attitudes regarding the use of pharmacogenetic testing among patients and prescribers: diffusion of innovation theory
- February 2016: Awarded $450 from Pan SGA Professional Development Grant to present at the 2015 ASHP Midyear Clinical Meeting, 12/06/2015-12/10/2015. Knowledge and attitudes towards pharmacogenetic testing among a cohort of patients and prescribers: diffusion of innovation theory (New Orleans, LA)

XVIII. Awards and Honors

- **May 2022**: Muflih's poster was selected by the ISPOR's Core Content Team to be featured in a NEW Poster Tour program for ISPOR 2022.
- **April 2021**: Certificate of appreciation received for attending and conducting multiple workshops supported by Responsible Conduct of Research
- **December 2020**: Receiving a reward for our workshop titled "Bioinformatics Research Ethics" delivered to more than 130 alumni of the responsible conduct of research fellowship program
- **October 2018**: Jordan Pharmacists Association (JPA) appreciation certificate for contribution to continuing medical education (CME)
- **April 2019**: FIP's appreciation certificate for delivering a meaningful speech during the conference
- **January 2019**: receiving a reward for our research titled "Genetic and environmental factors that modulate response to asthma therapy among Jordanian patients" after reaching the first stage of the Ministry of Higher Education and Scientific Research's Support Fund.
- February 2016: Award received for poster presentation, HPD Research Day. The award is given for the outstanding poster presentation of my research titled Knowledge and attitudes towards pharmacogenetic testing among a cohort of patients and prescribers: diffusion of innovation theory, during NSU Research Day, held on February 12, 2016
- September 2014: Member of Rho Chi national pharmacy honor society

XIX. Hobbies

• Swimming, Kayaking, Biking, Ping Pong, Chess