

Profile Summary

Highly – accomplished Assistant Professor of Pharmaceutics and Drug Delivery offering 8 years of experience in Pharmacy. Proven track record of delivering engaging lectures, conducting laboratory sessions, and mentoring students in the fields of drug formulation, pharmacokinetics, cosmetics and drug delivery systems. Proficient in public speaking, leading initiatives in curriculum development, research and development.

Committed to fostering a collaborative learning environment and contributing to academic excellence.

Work Experience

Assistant Professor of Pharmaceutics and Drug Delivery Sep, 2022 - Present
Isra University

- Developing, designing and delivering instruction in assigned courses.
- Participating in Student Advising and Mentoring.
- Formulating and administering, as needed, student competencies.
- Engaging in the academic roles of teaching, service, scholarship and research.
- Grading examinations and assignments and reviewing evaluations with students.
- Reviewing and assisting with revisions as needed for department policies and procedures.
- Participating with the team to plan theory and lab content of the course.
- Actively engaging in research across a variety of specialized fields, including drug delivery, wound healing, microneedles, and nanotechnology, as well as other emerging areas in pharmacy, with projects involving both national and international research collaborations.
- Continuing to develop as a faculty member of the university through advanced studies, research and writing.

Funded Projects

Long-Acting Minocycline Microneedles Patch for Acne Vulgaris | 46,000 JOD

3D Bioprinted Hydrogel Based Wound Dressing | 60,000 JOD

Medical Proof Reader Apr, 2019 – Aug, 2019
Mawdoo3.com

- Reviewed medical content for accuracy and clarity.
- Provided training to freelancers on content review and verification.
- Maintained regular communications and updates with prospective authors and managed double-blind peer review process.

Senior Pharmacist Jun, 2016 – Apr, 2019
Pharmacy One

- Actively delivered patient care services.
- Supervised pharmacy technicians, clerks and pharmacy interns.
- Upheld operational standards including performance metrics, safety and compliance.
- Implemented company initiatives to increase profitability.
- Provided patient counseling and education on medication use and health management.

Education

Doctor of Philosophy in Pharmaceutics and Drug Delivery
Queen's University of Belfast | UK – 2022

Bachelor's Degree in Pharmacy
Isra University | Jordan – 2016
With Honors of First on Class

Training Courses

- **Research Communication Masterclass**
Alumni UK
- **Research Grant Proposal Workshop**
Abdul Hameed Shoman Foundation
- **MedDRA | MedDRA MSSO**
- **Enhancing University Learning and Teaching in an AI-Enabled World**
British Council in collaboration with University of Strathclyde Glasgow
- **3D Bioprinting**
Cellink® Stem Cells Therapy Centre
- **Scanning Electron Microscope**
Thermo Fisher
- **Malvern Zeta Sizer Pro Operation**
Al Mansour Group

Areas of Expertise

- Physical Pharmacy
- Drug Delivery
- Medical Terminology
- Pharmaceutical Principles
- Pharmaceutics Practical
- Industrial Practical
- Curriculum Development
- Instructing and Training
- Mentoring and Training
- Experimental Design
- Data Analysis
- Grant Writing
- Scientific Writing and Publishing
- Laboratory Management
- Research and Development
- Proof Reading
- Formulation
- *In vitro* | *In vivo* Studies
- Microsoft® | Design Expert® | GraphPad Prism® | BioRender®

Highlighted Initiatives

Arab Cultural Exhibition | Isra Scholar Undergraduate Research Program

Publications

- [Minocycline Nanocrystals: A New Approach for Treating Acne with Reduced Systemic Side Effects. Pharmaceutics, 2025, MDPI.](#)
- [Innovative dissolving microneedles for enhanced delivery of alpha arbutin and ascorbic acid: a novel LC–MS quantification approach, Material Advances, 2025, Royal Society of Chemistry.](#)
- [Book Chapter: Challenges and Progress in Nose-to-Brain Drug Delivery, Taylor and Francis Group, UK, 1st Edition, 2024.](#)
- [Sodium Alginate Microneedles Loaded with Vancomycin for Skin Infections, Journal of Functional Biomaterials, 2024, Switzerland.](#)
- [Freeze Dried Erythromycin Nanocrystals: Preparation, characterization, antimicrobial activity, and aerodynamic properties, Pharmacia, 2024, Bulgaria.](#)
- [Microneedle array patches for sustained delivery of fluphenazine: A micron-scale approach for the management of schizophrenia, Biomaterials Advances, 2023, Netherlands.](#)
- [Nanoemulsion-based dissolving microneedle arrays for enhanced intradermal and transdermal delivery, Drug Delivery and Translational Research, 2021, United Kingdom.](#)
- [Smart Responsive Microarray Patches for Transdermal Drug Delivery and Biological Monitoring, Advanced Healthcare Materials, 2021, United States.](#)
- [Microarray Patches: Poking a Hole in the Challenges Faced When Delivering Poorly Soluble Drugs, Advanced Functional Materials, 2021, United States.](#)

Conferences

- Multidisciplinary Pharmaceutical Research at Jordan University of Science and Technology | 2023
- The First International Conference of The Faculty of Sciences and Faculty of Pharmacy and The Seventeenth Jordanian Chemistry Conference Isra University | 2022
- 13th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Rotterdam | 2022
- Microscopy Society of Ireland | 2021
- APS 2022
- Controlled Release Society Virtual Annual Meeting | 2021

Research Paper Reviewing

- Journal of Controlled Release | Q1, IF: 10.5
- Beni-Suef University Journal of Basic and Applied Sciences | Q1, IF: 2.5
- Journal of Pharmaceutical Innovation | Q2, IF: 2.7

Committees Membership

- Head of Student Activities Committee
- Head of Community Service and Cultural Activities Committee
- The Strategic Planning and Risk Management Committee
- The Examinations and Proficiency Exam Committee
- Security and Public Safety Committee
- Laboratories Committee
- Center for Consultation, Training, and Continuous Education
- Jordan Pharmacists Association

References

Prof. Ryan F. Donnelly | Chair in Pharmaceutical Technology | Queen's University Belfast | UK
r.donnelly@qub.ac.uk

Dr. Lalitkumar Vora | Lecturer in Pharmaceutics | Queen's University Belfast | UK
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Prof. Eneko Larrañeta | Senior Lecturer in Pharmaceutical Sciences | Queen's University Belfast | UK
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Juhaina Abu Ershaid

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Scientific Platforms Profiles

[Google Scholar Juhaina Abu Ershaid](#)

[Scopus Preview Abu Ershaid, Juhaina M.](#)

[ORCID Juhaina Abu Ershaid](#)

Professional Skills

- Interpersonal Communication
- Critical Thinking
- Leadership
- Decision Making
- Negotiation
- Teamwork
- Organization
- Creative Problem Solving
- Time Management
- Influencing
- Results-oriented
- Achievement-driven
- Public Speaking
- Attention to Detail

Languages

Arabic

English