

MOHAMMAD MAHMOUD ALNADI, PHD

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PROFESSIONAL SUMMARY

Assistant Professor of Operations and Supply Chain Management with a PhD from Cranfield University (UK). Research area: *Intelligent & Sustainable Operational Excellence in Supply Chains*. Research focuses on Lean Six Sigma, digital service innovation, AI-enabled supply chains, and leadership for operational excellence. Published in Q1 and internationally ranked journals, employing rigorous qualitative and quantitative research methods. Demonstrated experience in delivering and coordinating core business, operations, and logistics courses at undergraduate level. Actively contributes to academic service through curriculum development, peer review for leading journals, and departmental leadership role.

EDUCATION

CRANFIELD UNIVERSITY <i>PhD/Operations and Supply Chains Management</i>	BEDFORD, UNITED KINGDOM JUNE. 2019– JULY. 2022
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YARMOUK UNIVERSITY <i>Master/Business Administration (MBA)</i> Teaching Assistant during postgraduate studies.	IRBID, JORDAN FEBRUARY. 2014– JUNE. 2016
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YARMOUK UNIVERSITY <i>Bachelor/Business Administration</i> - Awarded a merit-based scholarship. - Named to the Honour Roll (First Semester)	IRBID, JORDAN OCTOBER. 2010– JANUARY. 2014
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ACADEMIC EXPERIENCE

PHILADELPHIA UNIVERSITY <i>Assistant Professor, Department of Business Administration</i>	AMMAN, JORDAN SEPTEMBER. 2022– PRESENT
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YARMOUK UNIVERSITY <i>Teacher Assistance</i>	IRBID, JORDAN JANUARY. 2016– JUNE. 2016
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RESEARCH INTERESTS

- Lean Six Sigma and operational excellence
- Digital supply chains and AI applications
- Digital service innovation and digital servitization
- Leadership and organizational readiness
- Supply chain agility and innovation

PUBLICATIONS

• **Journal papers**
Dalain, A. F., Alnadi, M., Allahham, M. I., & Yamin, M. A. (2025). The Impact of Technological Innovations on Digital Supply Chain Management: The Mediating Role of Artificial Intelligence: An Empirical Study. *Logistics*, 9(4), 138. <https://doi.org/10.3390/logistics9040138>

Smadi, A., Almomani, H., Almomani, M., Okour, Z., Qawaqzeh, D., Alnadi, M., Almomani, Y., & Abuferweh, I. (2025). Exploring the nature of workplace violence against healthcare staff: An online survey in Jordan. *British Journal of Healthcare Management*, 31(12), 1–14. <https://doi.org/10.12968/bjhc.2024.0129>

Al-Khatib, S. F., Ibrahim, Y. Y., & Alnadi, M. (2025). Cybersecurity Practices and Supply Chain Performance: The Case of Jordanian Banks. *Administrative Sciences*, 15(1), 1. <https://doi.org/10.3390/admsci15010001>

Alnadi, M., McLaughlin, P. and Abushaikha, I. (2024), Leadership behaviours for Lean Six Sigma: Jordan as a case

study, *International Journal of Lean Six Sigma*, Vol. 15 No. 7, pp. 1530-1554. <https://doi.org/10.1108/IJLSS-08-2022-0181>.

Alnadi, M., & Altahat, S. (2024). Artificial intelligence applications for enhancing organizational excellence: Modifying role of supply chain agility, *Problems and Perspectives in Management*, 22(2), 339-351. doi:10.21511/ppm.22(2).2024.26.

Altahat, S. & Alnadi, M., (2024). The impact of entrepreneurial behavior on entrepreneurial human resources management: The mediating role of entrepreneurial orientation. *Problems and Perspectives in Management*, 22(1), 147-155. doi:10.21511/ppm.22(1).2024.13.

Alnadi, M. and McLaughlin, P. (2021) Critical success factors of Lean Six Sigma from leaders' perspective, *International Journal of Lean Six Sigma*, 12(5), pp. 1073–1088.

• **Conference paper**

Alnadi, M. and McLaughlin, P. (2020) Leadership that Facilitates the Successful Implementation of Lean Six Sigma, *Proceedings of the 2020 3rd International Conference on Information Management and Management Science*. New York, NY, USA: ACM, pp. 59–66.

COURSES TAUGHT

- Principles of Management
- Operations Management
- Supply Chain and Logistics Management
- Quality and Excellence Management
- Organizational Behavior
- Research Methods
- Management Skills and Behaviors

TEACHING ACTIVITIES

- Served as Course Coordinator for Principles of Management, with responsibility for course delivery and assessment alignment.
- Course syllabus design and learning outcomes alignment.
- Assessment design (exams, projects, case studies).
- Blended learning and student-centered teaching approaches.
- Design and delivery of online and blended courses, incorporating synchronous and asynchronous teaching methods
- Use of digital platforms (e.g., Microsoft Teams and Moodle) to support student engagement, discussion, and assessment.
- Organization and supervision of industry field visits for students to *Maersk* and *Al-Durra Manufacturing Company*, linking theory with real-world supply chain and operations practices.
- Integration of experiential learning activities to enhance students’ practical understanding of logistics and operations management.
- Organization of guest lectures delivered by industry professionals, providing students with practical, real-world insights and establishing collaborative relationships with international companies.
- **Quantitative Overview:**
Delivered undergraduate business and operations courses to approximately 300 students per academic year, with class sizes across multiple sections. Teaching load includes four courses per academic year across undergraduate programs. Achieved average student teaching evaluation scores of approximately 92/100.

ACADEMIC SERVICE AND LEADERSHIP

INTERNATIONAL JOURNAL OF LEAN SIX SIGMA A reviewer in Q1 journals	UNITED KINGDOM NOVEMBER. 2022– PRESENT
INTERNATIONAL JOURNAL OF QUALITY AND RELIABILITY MANAGEMENT A reviewer in Q1 journals	UNITED KINGDOM NOVEMBER. 2023– PRESENT

PHILADELPHIA UNIVERSITY <i>A head of recourses and safety committee</i>	AMMAN, JORDAN SEPTEMBER. 2022– PRESENT
PHILADELPHIA UNIVERSITY A team member was responsible for developing the strategic plan for the faculty	AMMAN, JORDAN NOVEMBER. 2022– JANUARY.2023
PHILADELPHIA UNIVERSITY Developing syllabus for many courses which include learning and assessment methods	AMMAN, JORDAN OCTOBER. 2022– PRESENT
PHILADELPHIA UNIVERSITY Developing materials and exams for many courses	AMMAN, JORDAN SEPTEMBER. 2022– PRESENT
PHILADELPHIA UNIVERSITY Coordinator for the business administration department	AMMAN, JORDAN SEPTEMBER. 2022– PRESENT

PHILADELPHIA UNIVERSITY
 Member of the University Council, contributing to institutional governance and strategic academic decision-making

PHILADELPHIA UNIVERSITY
 Member of the Library Council, supporting academic resource planning and policy development

Member of the Organizing Committee for an academic conference at Philadelphia University, contributing to conference planning, coordination, and implementation

Served as a Reviewer (Referee) for conference submissions, evaluating research papers for academic quality and relevance

COMMUNITY ENGAGEMENT AND OUTREACH

- Delivered an outreach lecture to secondary school students in Ramtha on business disciplines and career pathways.
- Promoted awareness of business education and higher education opportunities within the local community.

AWARDS AND CERTIFICATIONS

- UK Higher Education Ambassador 2022
- Procurement and logistics certificate organized by disasterready.org 2023
- Joint degrees and EU experience organized by Erasmus+ 2024
- Project Management Essentials Certificate 2025

PROFESSIONAL DEVELOPMENT

- Training in Artificial Intelligence Applications in Education and AI in Education
- Training in Teaching Strategies and Student-Centered Learning Approaches
- Training in Blended and E-Learning Methods and instructional design
- Training in Assessment Design, including question bank development and rubric-based evaluation
- Training in Learning Management Systems (Moodle), including grading systems and learning outcomes assessment
- Training in Online Assessment Tools, including electronic exams and assignments
- Training in Academic Integrity Tools (Turnitin) for research and coursework
- Training in Digital Teaching Tools, including Microsoft OneDrive for education
- Training in Data Analysis using Microsoft Excel
- Training in Information Security Awareness and Data Protection
- Certification in Research Data Management
- Completion of Introduction to the Prevent Duty in Higher Education (UK Compliance Training)

LANGUAGES

Arabic (Native); **English** (Advanced)