
Shadi Mohammad Al Khateeb

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Professional & Academic Profiles (click link): [LinkedIn](#), [Scopus](#), [Google Scholar](#)

❖ Executive Summary:

1. Academic Positions, International Appointments, and affiliations
 - [Dean](#), Deanship of Scientific Research and Innovation, Al-Balqa Applied University, BAU, Jordan.
 - Professor of Materials and Metallurgical Engineering at Al-Balqa Applied University (BAU, public University, Jordan).
 - Adjunct Professor, Department of Materials Science and Engineering, University of Utah, USA.
 - Member of the Scientific Committee at the Scientific Research and Innovation Support Fund, appointed by the Secretary General of the Higher Council for Science and Technology, national level, Jordan
 - Chair of a committee formed by the Chairman of Accreditation and Quality Assurance Commission, Jordan on 08/2025, tasked with studying the Qualification Placement applications
 - Consultant Faculty, Department of Materials Science and Engineering, University of Florida, USA.
 - Adjunct Lecturer, Department of Materials Science and Engineering, University of Florida, USA.
 - Completed three postdoctoral research appointments in the United States (University of Florida and University of Utah) focusing on advanced materials processing and characterization.
2. Overall Experience & Leadership
Over 15 years of leadership and academic experience (including roles as Dean, Vice Dean of Scientific Research and Innovation and Department Chair, BAU) combined with extensive academic and research expertise in materials science and engineering. Specialized in materials processing and thin-film technologies
3. Research Focus
 - Proven record of developing and characterizing advanced materials for energy storage, biomaterials, supercapacitors, and structural applications.
4. Teaching & Accreditation
 - Experience in ABET-related accreditation processes, curriculum development, and teaching core engineering courses,
 - Readiness to deliver courses in materials science and manufacturing processes,
5. Research Achievements & Grants
Proven record of securing international research grants and fostering global collaborations. supported with over 20 peer-reviewed publications in high impact journals and a U.S. patent.

❖ Research Summary:

My research focuses on advanced materials processing and characterization, with applications in energy storage, biomaterials, supercapacitors, and structural components. I have extensive experience in thin-film deposition techniques such as pulsed laser deposition (PLD) and spray pyrolysis, as well as comprehensive characterization methods including XRD, SEM, EDS, AFM, optical microscopes, and electrochemical characterization techniques.

Building on this foundation, I am ready to expand my research toward Additive Manufacturing (AM) and materials informatics by leveraging my expertise in microstructural control, material behavior, and performance optimization. This includes exploring metal and composite materials for materials informatics, AM, developing functionally graded materials, and integrating advanced coatings and surface engineering for 3D-printed components.

My work aims to bridge materials science, AI, and advanced manufacturing, enabling innovations in energy systems, biomedical implants, and/or high-performance structural applications.

❖ **Teaching Experience – Undergraduate and Graduate courses, and Mentoring**

Core Materials Science Courses:

- Materials Science
- Thermodynamics
- Heat Treatment
- Corrosion and Protection of Metals
- Physical Metallurgy
- Phase Transformation
- Metallography
- Crystallography
- Materials Engineering Seminar

Engineering Fundamentals:

- Statics
- Construction Mechanics
- Engineering Workshops

Undergraduate Student Researchers: 51 with 5% of publications include undergrad coauthors.

❖ **Education:**

2006-2009 Ph.D., University of Birmingham, Birmingham, UK. Department of Metallurgy and Materials
Faculty Advisor: John Stuart Abell, Co-advisor: Tim W. Button. Dissertation entitled “Growth and Characterization of Textured Superconducting Tapes,” December 2009.

2002-2004 M.Sc. (honors) in Metallurgy and Materials, Al-Balqa Applied University, Jordan. Materials and Metallurgical Engineering Department. Faculty Advisor: J. T. Al-Haidary. Thesis entitled “Dental Shape Memory Alloy,” September 2004.

1997-2002 B.Sc. (honors) in Metallurgy and Materials, Al-Balqa Applied University, Jordan. Materials and Metallurgical Engineering Department. Senior Thesis Adviser: Sami Masadeh. Thesis entitled “Corrosion of Reinforcement Steel in Concrete,” February 2002.

❖ **Employment:**

01/2026–present Dean, Deanship of Scientific Research and Innovation, Al-Balqa Applied University, BAU, Jordan

07/2025–present Adjunct Professor, University of Utah, Salt Lake City, Utah, United States of America

2024–present Professor, Materials Engineering, Al-Balqa Applied University, Al-Salt, Jordan

2024–2025 Vice Dean, Deanship of Scientific Research and Innovation, Al-Balqa Applied University, Al-Salt, Jordan

2023–2024 Chair of Materials Engineering Department, Al-Balqa Applied University, Al-Salt, Jordan

2018–2025 Adjunct Assistant Professor, University of Utah, Salt Lake City, Utah, United States of America

2018–2021 Chair of Materials Engineering Department, Al-Balqa Applied University, Al-Salt, Jordan

2017–2018 Research Assistant, University of Utah, Salt Lake City, Utah, United States of America

2016–2018 Postdoctoral Fellow working with Prof. Taylor D. Sparks, University of Utah, Salt Lake City, Utah, United States of America
2015–2024 Associate Professor, Materials Engineering, Al-Balqa Applied University, Al-Salt, Jordan
2015–2016 Associate Dean for Planning, Development, and Quality Assurance Affairs, Faculty of Engineering, Al-Balqa Applied University, Al-Salt, Jordan
2014–2019 Consultant Faculty, Department of Materials Science and Engineering, University of Florida, Gainesville, Florida, United States of America
2014–2015 Chair of Materials Engineering Department, Al-Balqa Applied University, Al-Salt, Jordan
01/2014–05/2014 Adjunct lecturer, Department of Materials Science and Engineering, University of Florida, Gainesville, Florida, United States of America
2013–2014 Postdoctoral Fellow (Courtesy Visiting Assistant Professor) working with Prof. Kevin S. Jones, University of Florida, Gainesville, Florida, United States of America
2011–2013 Chair of Materials Engineering Department, Al-Balqa Applied University, Al-Salt, Jordan
2009–2015 Assistant Professor, Materials Engineering, Al-Balqa Applied University, Al-Salt, Jordan
2002–2006 Laboratory Supervisor, Materials Engineering, Al-Balqa Applied University, Al-Salt, Jordan
Summer 2001 Egyptian Iron and Steel CO.: El-Tebbin-Helwan-Egypt

❖ Publications:

Submitted

1. Frank Aneke, Shadi M. Hanandeh, **Shadi Al Khateeb**, Ruba A. Alkharabsheh. Efficient Applications of Genetic Algorithms and Neural Network Modelling to Predict Dynamic Modulus of Hot Asphalt Mix. under review.

Published (underlined are undergraduate co-authors)

1. Shadi M. Hanandeh, Frank I. Aneke, Zaid Alajlan, **Shadi Al Khateeb**, Ruba A. Alkharabsheh. Prediction the Dynamic Modulus of Hot Asphalt Mix Using Genetic Algorithms and Neural Network Modeling. Civil Engineering Journa 2025; 11: 2765. [\[DOI\]](#)
2. Omar Qasem, **Shadi Al Khateeb**, Ali Taani, Ali Mbideen, Khadija Zaher, Sabaa Aloda, Eman baker, Ayman Abu Ghazal. Studying Phase Transformation of Steel Alloys Using MS/XRD and SCP Nondestructive Examination Technique. Fourth International Conference on Advanced Materials ICAM 2025. 2025. [\[DOI\]](#)
3. Iskandar Dzulkarnain Rummaja, Muhammad Idzdihar Idris, Zul Atfyi Fauzan Mohammed Napiah, Radi Husin Ramlee, Marziani Rashid, **Shadi Al Khateeb**. Analysis on Effect of Electrolyte Concentration on Molybdenum Sulfide (MoS₂) Thin Film via Bottom-Up Approach of Electrodeposition for Solar Cell Applications. Malaysian Journal of Chemistry 2025; 27:173. [\[DOI\]](#)
4. Sami Masadeh, **Shadi Al Khateeb**, Almontaser Bellah Ajlouni. Enhancing pitting corrosion inhibition of AISI 304 stainless steel using a green frankincense-modified ferric chloride solution. Materials Science Poland 2023; 41:85. [\[DOI\]](#)
5. **Al Khateeb S**, Alley MJ, Beck JP, Jeyapalina S, Sparks TD. Crystallinity evolution of spray pyrolyzed fluorapatite thin films by post-deposition treatment. Thin Solid Films 2023;784:140082. [\[DOI\]](#)
6. **Al Khateeb S**, Bennett BT, Beck JP, Jeyapalina S, Sparks TD. Exploration of fluorapatite bio-ceramic thin film deposition by ultrasonic spray pyrolysis. Journal of Materials Research 2023;38(8):2287-2301. [\[DOI\]](#)
7. **Al Khateeb S**, Sparks TD. Pore-graded and conductor- and binder-free FeS₂ films deposited by spray pyrolysis for high-performance lithium-ion batteries. Journal of Materials Research 2019;34(14):2456-2471. [\[DOI\]](#)
8. Nelson I, Ogden TA, **Al Khateeb S**, Graser J, Sparks TD, Abbott JJ, Naleway SE. Freeze-Casting of Surface-Magnetized Iron(II,III) Oxide Particles in a Uniform Static Magnetic Field Generated by a Helmholtz Coil. Advanced Engineering Materials 2019;21(3):1801092. [\[DOI\]](#)

9. **Al Khateeb S**, Sparks TD. Spray pyrolysis of conductor- and binder-free porous FeS₂ films for high-performance lithium ion batteries. *Journal of Materials Science* 2019;54(5):4089-4104. [\[DOI\]](#)
10. Santos-Ortiz R, Rohirunsakool T, Jha JK, **Al Khateeb S**, Banerjee R, Jones KS, Shepherd ND. Analysis of the structural evolution of the SEI layer in FeF₂ thin-film lithium-ion batteries upon cycling using HRTEM and EELS. *Solid State Ionics* 2017;303:103-112. [\[DOI\]](#)
11. **Shadi Al-khateeb**, Lind AG, Santos-Ortiz R, Shepherd ND, Jones KS. Effects of Steel Cell Components on Overall Capacity of Pulsed Laser Deposited FeF₂ Thin Film Lithium Ion Batteries. *Journal of The Electrochemical Society* 2015;162(8):A1667-A1674. [\[DOI\]](#)
12. **Shadi Al-khateeb**, Lind AG, Santos-Ortiz R, Shepherd ND, Jones KS. Cycling performance and morphological evolution of pulsed laser-deposited FeF₂ thin film cathodes for Li-ion batteries. *Journal of Materials Science* 2015;50(15):5174-5182. [\[DOI\]](#)
13. **Al Khateeb S**, Dweiri R, *Lebzo A, Al-Sawa'adeh M*. Mechanical failure study of aluminum extrusion dies as affected by the quality of the billets. *Journal of Testing and Evaluation* 2014;42(4):1016-1024. [\[DOI\]](#)
14. **Shadi Al-khateeb**. The suitability of selected austenitic stainless steels and hastelloy C276 alloys as substrates for thin film deposition using spray pyrolysis. *International Journal of Materials Research* 2013;104(3):301-307. [\[DOI\]](#)
15. Ghabeer T, Dweiri R, **Al-Khateeb S**. Thermal and mechanical characterization of polypropylene/eggshell biocomposites. *Journal of Reinforced Plastics and Composites* 2013;32(6):402-409. [\[DOI\]](#)
16. **Al-Khateeb S**, Pavlopoulos D, Button TW, Abell JS. Spray Pyrolysis of MgO Templates on 321-Austenitic Stainless Steel Substrates for YBa₂Cu₃O₇ Deposition by PLD. *Journal of Superconductivity and Novel Magnetism* 2013;26(2):273-280. [\[DOI\]](#)
17. Al Robaidi A, **Al Khateeb S**, DWEIRI R, GAGHBEER T. The Effect of radiation on the thermal expansion of kaolin nano filled-xlpe materials. *International Journal of Metallurgical & Materials Science and Engineering* 2012;2(3):74-84. [\[DOI\]](#)
18. **Al-Khateeb S**, Pavlopoulos D, Button TW, Abell JS. Pulsed Laser Deposition of YBa₂Cu₃O₇ Superconducting Film on MgO Templates Spray Pyrolyzed on Hastelloy C276. *Journal of Superconductivity and Novel Magnetism* 2012;25(6):1823-1827. [\[DOI\]](#)
19. **Al Khateeb S**, Button TW, Abell JS. Spray pyrolysis of MgO templates on Hastelloy C276 and 310-austenitic stainless steel substrates for YBa₂Cu₃O₇ (YBCO) deposition by pulsed laser deposition. *Superconductor Science and Technology* 2010;23(9):095001. [\[DOI\]](#)
20. Al-Haidary JT, **Al-Khatiab S**. Manufacturing and characterization of dental shape memory alloy. *Materials Science and Engineering: A* 2006;419(1):45-49. [\[DOI\]](#)

❖ **Patents:**

1. "Spray pyrolysis: a thin film deposition technique for functionally graded films for battery electrodes" provision patent filed 10/31/2017.
2. "Lithium ion battery cathodes, methods of making, and methods of use thereof." published February 25 2020 as U.S. Patent No.US-2020- 10573878-B2.

❖ **Conferences:**

1. Pavlopoulos D, **Khatiab SA**, Button TW, Abell JS. Effort to produce textured CeO₂ and MgO films by the spray pyrolysis technique as buffer layers for coated conductors. *Journal of Physics: Conference Series* 2008;97(1):012098. [\[DOI\]](#)
2. **07-12/2025** Member of the Technical Program Committee, 2025 International Conference on Engineering and Computing Technologies (EngiTek 2025), 29-31 December 2025, Jordan University of Science and Technology (JUST), technically co-sponsored by the IEEE. [\[conference link\]](#), [\[Technical Program Committee\]](#)
3. **12/2024** Attending the "10th Jordan International Mining Conference (JIMC 10), Jordan Engineers Association"

❖ **Research Grants:**

1. "Extraction of Tannic Acid From Kenaf Plant As Green Corrosion Inhibitor for Corrosion Protection of Aluminium 2xxx Series in Automobile Radiator" 8,600 JD (\$12,145) Al-Balqa Applied University – Jordan, a grant for collaboration with UNIVERSITI MALAYSIA KELANTAN, Malaysia, conducted at Al-Balqa Applied University (07/2025 – 06/2027)
2. "Exploration of Low-cost Molybdenum and Sulfur precursors for the electrodeposition of MoS₂ thin films as counter electrodes for dye-sensitized solar cells" 11,900 JD (\$16,800) Al-Balqa Applied University – Jordan, a matching grant with Universiti Teknikal Malaysia Melaka, Malaysia, conducted at Al-Balqa Applied University (12/2024 – 11/2027)
3. RAWABIT "Partnership Development Grant" \$8,000 as part of the RAWABIT Program of the U.S.- Jordanian Higher Education Network (HEN), funded by the U.S. Department of State (09/2024).
4. "RAWABIT travel grant" \$3,740 The U.S.- Jordanian University Cooperation Network, U.S. embassy in Jordan (09/2023).
5. "Thin film deposition by spray pyrolysis of cathode materials for Lithium Ion Battery Applications" \$48,000 Arab Fund for Economic and Social Development - Kuwait, conducted at the University of Utah (09/2016-09/2017)
6. "Development of pulsed laser deposition of novel cathode materials for advanced Li-ion battery application" \$35,000 Scientific and Innovation Support Fund - Jordan, conducted at the University of Florida (10/2013-09/2014)
7. Overseas Research Students Awards Scheme (ORSAS) from the UK government for three years covering Ph.D. tuition fees and a stipend, UK higher education funding bodies, (09/2006-09/2009)

❖ **Certificates, Meetings, and Workshops:**

02/2026 Certificate of achievement "Social Engineering Foundation", University of Utah, USA.

01/2026 Attending a workshop on: "Artificial Intelligence in Education: Using ClassPoint AI", BAU, Jordan.

12/2025 Attending a workshop on: Open Science and Persistent Identifiers DOI "Empowering Researchers to Enhance the Visibility and Discoverability of their Research Outputs", BAU, Jordan

12/2025 Attending a workshop on: Artificial Intelligence in Education: "Employing Copilot to Enhance Teaching and Assessment" and "Artificial Intelligence in Education: Using Copilot in Assessment", BAU, Jordan

09-12/2025 Attending workshops on: Canvas related tools and Adobe Express skills for use in teaching and projects (Gradebook & Speedgrader, Poll Everywhere, Canvas Accessibility & Accommodations, AI: Google Gemini, Zoom Recordings: Whiteboard/Breakouts, Lucid Chart-Mind Mapping and Group Facilitation, Preparing for Spring Semester import/export, Feedback Fruits, Adobe Firefly, Adobe Express AI, Adobe PDF Accessibility, Student Portfolios using Adobe Webpage, Adobe Express for Collaboration, Adobe Express Data Visualization, Adobe Education Exchange Creating assignments for Spring, Adobe Express Holiday Fun, University of Utah, USA

11/2025 Attending a workshop titled: How to Choose the Ideal Electronic Grading System for Paper-Based Exams for Your Educational Institution, Remark Middle East

11/2025 Attending a workshop titled: Smart Teaching with MagicSchool AI, BAU

11/2025 Attending a workshop titled: Enhancing Teaching through Active Learning: An Overview on NotebookLM & Gemini), BAU

11/2025 Attending a workshop titled: Using the Kahoot application in e-learning, BAU

09/2025 Certificate of successfully completing the training course titled: 'Designing Complete Online and Blended Courses, BAU

09/2025 Delivered a presentation on research opportunities for new faculty members during the Faculty Orientation at BAU.

09/2024 Research Mentoring Certificate, University of Utah, USA

04/2024 RED 715 Promoting Mentees' Career Development, University of Utah, USA

04/2024 RED 402 Collaborative Research and The Roles of The Scientist In Society, University of Utah, USA

03/2024 RED 714 Research and Mentoring Ethics, University of Utah, USA

03/2024 RED 713 Fostering Academic Literacies, University of Utah, USA

03/2024 RED 712 Assessing Understanding and Fostering Independence, University of Utah, USA

07/2023 RED 710 Introduction to Research Mentoring, University of Utah, USA
06/2023 Attending an informal workshop with U.S. visitors at the Fulbright House (Jordanian American Commission for Educational Exchange), Jordan
06/2023 Attending the launch of RWABIT program: the U.S. - Jordanian University cooperation network under the patronage of His Excellency The American Ambassador at Al-Hussein Technical University, Jordan
06/2023 Attending NSF Responsible & Ethical Conduct of Research & Research Mentoring, University of Utah (Zoom)
11/2022 Attending E-learning/ Bringing Text to Life, JoVE, United Kingdom (Zoom)
08/2022 Attending Proposal writing, BAU, Jordan
11/2020 Course on: Staying Connected with Remote Learning through Microsoft Teams and Office 365 - education.microsoft.com, United States (Zoom)
11/2020 Certified Microsoft Innovative Educator - education.microsoft.com, United States (Zoom)
06/2020 Attending Developing Remote E-learning Skills, BAU, Jordan
11/2018 Attending Erasmus+ workshop (how to write a competitive proposal), Jordan
11/2011 Attending The 7th national Tempus conference, Jordan
10/2010 Attending Green building \ Energy conversation, Jordan
09/2007 Participation in the 8th European conference on applied superconductivity, Belgium
08/2003 Training course: Internal Quality Auditing, Jordan
07/2003 Training course: Technical Aspects of Accreditation, Jordan
07/2003 Training course: Introduction to Quality Management, Jordan
06/2003 Training course: ISO/IEC 17025 implementation, Jordan

❖ **Languages:**

Fluent in Arabic and English (lived in the United Kingdom and in the United States for more than three years each).

❖ **Honors and Awards:**

09/2025 IOPscience, "Journal of Physics: Energy", reviewer report evaluated as 'Excellent' by the Peer Review Team, UK
04/2025 Thank You to our 2024 Peer Reviewers - JOM, Springer Nature, Germany-UK
10/2024 Thank you and appreciation certificate for the efforts made while being a member in the Engineering college board, Al-Balqa Applied University, Jordan
09/2024 Thank you letter for serving as the Head of the Materials Engineering Department, Al-Balqa Applied University, Jordan
11/2022 Trusted reviewer, IOP Publishing, UK
09/2021 Thank you letter for serving as the Head of the Materials Engineering Department, Al-Balqa Applied University, Jordan
04/2021 Outstanding Reviewer for Materials Research Express, IOPscience, UK
08/2017 Thank you and appreciation certificate for the efforts made towards scientific research, Al-Balqa Applied University, Jordan
2003 Thank you and appreciation certificate for contributing to the organization and success of the 1st international conference in Materials Science and Engineering at Al-Balqa Applied University, Jordan
09/2002 Superiority certificate from Jordan Engineers Association for winning first place in the BSc graduation project competition "Corrosion of Reinforcement Steel in Concrete"
11/2001 Superiority certificates from Al-Balqa Applied University, Jordan- Outstanding Materials and Metallurgical Engineering student
10/2000 Superiority certificates from Al-Balqa Applied University, Jordan- Outstanding Materials and Metallurgical Engineering student

❖ **Volunteering and Service:**

2013-present Reviewer for Journal of Materials Science, Journal of The Electrochemical Society (ECS), Computational Materials Science, JOM The Journal of The Minerals, Metals & Materials Society (TMS), Materials Research Express, Journal of the American Ceramic Society, RSC advances, Materials Chemistry and Physics, Royal Society Open Science, Journal of Materials and Environmental Science, Scientific reports, The Seventh International Conference on New Material and Chemical Industry, Jordan Journal of Mechanical and Industrial Engineering, Jordanian Journal of Engineering and Chemical Industries, Materials Science-Poland, Journal of Materials Engineering and Performance, Journal of Materials Research, Journal of Physics: Energy, and Results in Surfaces and Interfaces.

2020-2021 Recording video tutorials about Microsoft Teams and Moodle, the eLearning platforms, for the engineering faculty community during the COVID pandemic, BAU, Jordan

Summer 2011 Participation in Faculty for Factory (FFF) program - Jordan University – Solving industrial problems related to aluminum extrusion at Arab Aluminum Industry Co. Ltd (ARAL)

❖ **Academic Governance and Committee Leadership**

Member and Chair of different committees at Al-Balqa Applied University, Jordan

01/2026-present Member of the Scientific Committee at the Scientific Research and Innovation Support Fund, appointed by the Secretary General of the Higher Council for Science and Technology, national level, Jordan. In my capacity as Dean of Scientific Research and Innovation at Al-Balqa Applied University, I serve as a chair and / or member of the following university-level committees: Chair of the Scientific Research Ethics Committee, Member of: Scientific Research Council, Higher Committee for Strategic Planning, University Curriculum Committee, Council for Quality Assurance and Continuous Improvement, Committee for Authorship and Translation, Higher Committee for Supervision of Technical Education Programs, Conferences Committee, Committee for the Evaluation of Scientific Output and Determination of Academic Rank for Faculty Members (who obtained academic ranks from other universities recognized by Al-Balqa Applied University or who possess prior professional experience), Committee responsible for submitting recommendations to the Appointment and Promotion Committee regarding the approval or non-approval of journals not indexed in international databases, Academic Scholarships Committee, Committee for Determining the Permissible Percentage of Artificial Intelligence Use in Scientific Research, Committee for reviewing the Standards and Criteria for Selection in the Appointment of Faculty Members or Contracting Full-Time Lecturers.

2025-2026 Chair of a committee formed by the Chairman of Accreditation and Quality Assurance Commission / Jordan on 2025/08/05, tasked with studying the Qualification Placement applications: (Mining Engineering / Bachelor's Program, at Tafila Technical University, and Mining Engineering / Bachelor's Program at Al-Hussein Bin Talal University), Member committee tasked to review appointment applications for Ma'an University College at Al-Balqa Applied University, Member of the Scientific Research and Graduate Studies committee in the Department of Materials Engineering, Member of the Study Plan and Materials Equivalency Committee in the Department of Materials Engineering, Member of a Committee to obtain ABET accreditation at the Department level

2024-2025 Attending meetings of the Scientific Research Council at Al-Balqa Applied University as the Vice Dean for Scientific Research and Innovation, Member of the committee responsible for setting standards and guidelines for the use of artificial intelligence tools in scientific research, developing AI usage criteria, identifying approved software(s) for plagiarism detection, determining AI tools permitted for researchers, and defining the nature of their use, Member of the Graduate Studies Council at Al-Balqa Applied University

2023-2024 Faculty of Engineering representative in the University Council, Chair of a Committee to obtain ABET accreditation at the Department level, Chair of the Development and Quality Assurance Committee in the Material Engineering Department, Chair of the Study Plan and Materials Equivalency Committee in the Department of Material Engineering, Member of a Committee to study tender offers for furnishing, supplying, installing, operating, and maintaining devices and equipment funded by the Korean International Cooperation Agency (KOICA), Member of the Materials Engineering Department Committee to analyze the results of achieving educational outcomes and make improvements to study plans, Member of a Committee assigned to

review a regulation proposal for granting a technical bachelor's degree in the Faculty of Engineering, Member of the Engineering Faculty board, Member of the Advisory Committee at the Faculty level for obtaining ABET accreditation, Member of the Faculty of Engineering Committee to consider amending the name of the Materials Engineering major and promoting the specialization, Member of the Strategic Plan Committee in the Faculty of Engineering, Member of the Study Plan Committee in the Faculty of Engineering, Member of the Field Training committee in the Faculty of Engineering, Member of the Graduate Studies Committee in the Faculty of Engineering, Member of the planning, Development and Assurance Committee in the Faculty of Engineering, and Member of the committee investigating students' violations and complaints

2021-current Member of the Scientific Research and Graduate Studies committee in the Department of Materials Engineering

2023-2024 Member of several lab equipment tender committees

2022-2023 Member of the Social Committee and Community Service - Materials Engineering Department

2021-2022 Member of the committee responsible for preparing the hierarchy for the Faculty of Engineering, Member of the Engineering Faculty board, Member of the Follow-up Committee for the required improvements for the Jordanian Quality Assurance Certificate for the Faculty of Engineering, Member of the Development and Quality Assurance Committee in the Material Engineering Department

2020-2021 Member of the Field Training and Industry Liaison Committee in the Materials Engineering Department

2018-2021 Member of the Study Plan and Materials Equivalency Committee in the Department of Material Engineering, Member of the Development and Quality Assurance Committee in the Material Engineering Department

2019-2020 Member of the Investigation Committee of Students' Violations in the Faculty of Engineering, Member of the Field Training Committee in the Faculty of Engineering, Member of the Study Plan Committee in the Faculty of Engineering, Member of the Planning, Development and Quality Assurance Committee in the Faculty of Engineering

2018-2020 Member of the Engineering Faculty board

2014-2015 Member of the study plan and materials equivalency committee in the Department of Material Engineering, Member of the Field Training and Industry Liaison Committee in the Materials Engineering Department

2011-2013 Member of the Engineering Faculty board