

Prof. Nidal Farid Eshah

Professor of Nursing Sciences
Vice President - Zarqa University
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Education:

- PhD in Nursing
University of Jordan, Amman – Jordan
Graduation: 2009; Excellent.
- MSc in Critical Care Nursing
Jordan University of Science and Technology, Irbid - Jordan
Graduation: 2003; Very good.
- Bachelor in Nursing Sciences
Baghdad University, Baghdad - Iraq
Graduation: 1998; Excellent.

Fellowships & International grants:

- Winner of the fellowship of the “Research Ethics Education Program – Responsible Conduct of Research”. A one year fellowship (2017-2018) offered by **University of California, San Diego** in collaboration with **Jordan University of Science and Technology**.
- Winner of the fellowship of “International Society of Cardiovascular Disease Epidemiology and Prevention”. The fellowship took place during the summer semester in **Grenada, Caribbean Sea, West Indies**; 2016. Attended the “International Teaching Seminars on Cardiovascular Disease Epidemiology and Prevention”.
- Grant holder from "Zurich University of Applied Sciences "ZHAW", Academic Guest to the Faculty of Health Sciences- Institute of Nursing summer semester (2013), **Winterthur / Zurich, Switzerland**.
- Winner of the "**Post-Doctoral Mentorship Award**" offered by the "Council of Cardiovascular Nursing and Allied Professionals / European Society of Cardiology" of the year 2013, which was announced during "Euro Heart Care congress" that was held in **Glasgow, Scotland**.

- Honor visitor to the Faculty of Health Sciences – Sifa University, Provided lectures, training and professional meetings with Nursing faculty staff and Graduate students. Summer semester (2015), Sifa University, **Izmir, Turkey**.

Awards and Honors:

- The winner of the "**Best Researcher award**" of the year 2019, which provided by **Zarqa University – Jordan**.
- Awarded the **Educational Grant**, offered by the "Association of Cardiovascular Nursing and Allied Professions "ACNAP". The award announced in the annual congress 2019, **Milan, Italy**.
- Awarded the **Travel Grant** by the "European Atherosclerosis Society "EAS", the grant provided during the EAS 86th congress 2018 in **Lisbon, Portugal**.
- The winner of the "**Best Scientific Research award**" of the year 2013, which provided by **Zarqa University – Jordan**.
- Awarded the **Travel Grant** by Council of Cardiovascular Nursing and Allied Professions "CCNAP". The award announced in the Spring Meeting on Cardiovascular Nursing 2012, **Copenhagen, Denmark**.

Work Experience:

<u>Position</u>	<u>Institution</u>	<u>Duration</u>
Professor	Zarqa University – Faculty of Nursing– Jordan	2019 – Till now
Associate Professor	Zarqa University – Faculty of Nursing– Jordan	2014 –2019
Assistant Professor	Zarqa University – Faculty of Nursing– Jordan	2009 - 2014
Lecturer	Zarqa University – Faculty of Nursing– Jordan	2006 - 2009
Head Nurse, Pediatric Floor	King Hussein Cancer Center (KHCC), – Jordan	2005- 2006
First Incharge Nurse, Intensive Care Unit	King Hussein Cancer Center (KHCC), – Jordan	2004- 2005

First Incharge Nurse, Burn Intensive Care Unit	Jordan University Hospital, Amman – Jordan	August 2000 - March 2004
Registered Nurse, Emergency Department	Jordan University Hospital, Amman – Jordan	August 1998 – July 2000

Administrative Experience:

- **Vice President** of Administrative affaires / Zarqa University (June 2020 – till now)
- **Dean** of the Faculty of Nursing / Zarqa University; (2017–2018), (2018 – 2019), & (2019-2020).
- **Vice Dean** of the Faculty of Nursing /Zarqa University; (2011-2012), (2012-2013), (2013-2014), (2014-2015), & (2015-2016).
- **Acting Dean** of the Faculty of Nursing / Zarqa University / summer semester of (2011- 2012), (2012-2013), (2013-2014), (2014-2015) & (2015-2016).
- **Head of the Department** at the Faculty of Nursing, Zarqa University, years (2012-2013), (2013-2014), (2017-2018), (2018-2019), & (2019-2020).

Professional Memberships:

- A member of the Association of Cardiovascular Nursing and Allied Professions "ACNAP/ European Society of Cardiology.
- A member of the European Society of Cardiology Working Group on Hypertension and the Heart.
- A member of the European Association for Cardiovascular Prevention and Rehabilitation (EACPR).
- Jordanian Nurses and Midwives Council.
- Saudi Council of Health Specialty.

International Conferences / Congresses:

- Speaker at "The 7th International Conference of faculty of nursing"; 12th May, 2022- **Port Said University, Egypt.**

- Speaker at "The 4th scientific conference and the 1st International Conference of nursing administration"; 16th May, 2022- ***Suez canal University, Egypt.***
- Invited guest speaker at "The 2nd International upper Egypt nursing colleges conference & 4th international conference of nursing college Assuit University"; from 13-14 February, 2022- ***Luxor, Egypt.***
- Speaker at "The 1st International Congress on Health sciences and Multidisciplinary Approaches"; from 25-27 November, 2021- ***Erzurum, Turkey.***
- Speaker at the Euro Heart Care- 2019; Annual Congress of the Association of the Cardiovascular Nursing and allied Professions, from 2-4 May 2019 in ***Milan, Italy.***
- Speaker at the MED-HEALTH Final International Conference in Public Health Management and Practice, from 29-30 September 2018 in ***Hammamet, Tunisia.***
- Speaker at the European Atherosclerosis Society Congress -EAS 2018, from 5-8 May 2018 in ***Lisbon, Portugal.***
- Speaker at the Third International Conference on Waterpipe Tobacco Smoking Research "*Translating waterpipe tobacco smoking research evidence into practice, policy and regulation*", From 10-11 November, 2017 in ***Beirut, Lebanon.***
- Speaker at the Euro Prevent- 2017; European Congress on Preventive Cardiology, from 6-8 April 2017 in ***Malaga, Spain.***
- Invited guest Speaker at the Euro Heart Care- 2016; Annual Congress of the Council on Cardiovascular Nursing and allied Professions, from 15-16 April 2016 in ***Athens, Greece.***
- Speaker at the International Cardiology & Cardiovascular Medicine Summit- 2016; Recent Advances and Future Trends in Cardiology, February, 2016 in ***Dubai, United Arab Emirates.***
- Speaker at the Euro Heart Care- 2015; Annual Congress of the Council on Cardiovascular Nursing and allied Professions, from 13-15 June 2015 in ***Dubrovnik, Croatia.***

- Speaker at the Second World Conference on Health Sciences, from 30th of April – 2nd of May 2015 in ***Izmir, Turkey***.
- Speaker and invited faculty member at the Euro Heart Care- 2014; Annual Congress of the Council on Cardiovascular Nursing and allied Professions, from 3-5 April 2014 in ***Stavenger, Norway***.
- Speaker at Target Meeting's 3rd world cardiovascular, diabetes, and obesity ***International online conference***, September 16-18, (2013).
- Speaker at the Annual International Interdisciplinary Conference (AIIC), from 24-26 April 2013 in ***Azores Islands, Portugal***.
- Speaker at the Euro Heart Care- 2013; Annual Congress of the Council on Cardiovascular Nursing and allied Professions, from 22-23 March 2013 in ***Glasgow, Scotland***.
- Speaker at Target Meeting's 2nd world cardiovascular, diabetes, and obesity ***International online conference***, September 11-14, (2012).
- Speaker at the 12th Annual Spring Meeting on Cardiovascular Nursing, held from 16-17 March 2012 in ***Copenhagen, Denmark***.
- Speaker at the Cardiology Congress "*Challenges and Update in Assessment and Management of Heart Disease and Risk Factors*" 10th – 12th of December (2011). ***Istanbul – Turkey***.
- Speaker and chair of the Session 3: *Cardiovascular clinical research and practice* at the Target Meeting's 1st world cardiovascular, diabetes, and obesity ***International online conference***, September 22-24, (2011).
- Speaker in the BIT's 2nd International Congress of Cardiology (2010) "*Translational Medicine to Healthcare*". ***Shangahi - China***.
- Speaker at the International Nursing Symposium "*Building connections for Global nursing: Engage, Transform, Empower*" (2009). ***Riyadh - Saudi Arabia***.
- Speaker at the Western Institute of Nursing conference "WINS" (2009). ***Utah: Salt Lake – United State of America***.

National Conferences / Congresses:

- Invited speaker at National Nursing Conference: "Toward creativity in daily nursing practice", that held in University of Applied Sciences – **Amman– Jordan**, November, 2014.
- Speaker at the Third International JNC Nursing Conference (2010). "*The Heart of the Matter: Relevance of Nursing Responsiveness*". **Amman – Jordan**.
- Speaker at the First Nursing Scientific day At Zarqa University (2009). "*Nursing Challenges in the Current Era*". **Zarqa University – Jordan**.
- Speaker at the Second International JNC Nursing Conference (2008). "*The Less Traveled Road: Search for New Realities*". **Dead Sea – Jordan**.
- Speaker at the Second Nursing conference of Al Al-Bayt University (2007). "*Where We are and What We Hope?*" **Mafraq, Jordan**.

Publication in Scientific Journals

A- Published Manuscripts

- Badwan, M., Eshah, N., & Ahmed, R. The Role of Organizational Support in Work Engagement among Nurses Working in Intensive Care Units. ***Journal of Holistic Nursing and Midwifery***, (2022); 32(4), 71-80.
- AlShatarat M, Rayan A, Eshah N., Baqeas M, Jaber M, ALBashtawy M. Triage Knowledge and Practice and Associated Factors Among Emergency Department Nurses. ***SAGE Open Nursing***. (2022); 8.
- Albasal, N., Eshah, N., Minyawawi, H., Albashtawy, M., Alkhalwaldeh, A. "Structural and psychological empowerment and organizational commitment among staff nurses in Jordan". ***Nursing Forum***. (2022); 57(4), 624–631.
- Saleh, M., Eshah, N., Rayan, A. "Empowerment Predicting Nurses' Work Motivation and Occupational Mental Health". ***SAGE Open Nursing***. (2022); 8.
- Allobaney, N., Eshah, N., Abujaber, A., Nashwan, A. "Professional Self-Concept and Self-Confidence for Nurses Dealing with COVID-19 Patients". ***Journal of Personalized Medicine***. (2022); 12(2), 134.

- Amro, F., Rayan, A., Eshah, N., ALBashtawy, M. "Knowledge, Attitude, and Practices Concerning Covid-19 Preventive Measures Among Healthcare Providers in Jordan". *SAGE Open Nursing*. (2022); 8.
- Omoush, A., Aloush, S., ALBashtawy, M., Rayan, A., Alkhalwaldeh, A., Eshah, N., ... & Al Omari, O. "Nurses' knowledge of anticoagulation therapy for atrial fibrillation patients: Effectiveness of an educational course". *Nursing Forum*. (2022).
- Ajarmeh, D., Rayan, A., Eshah, N., & Hamdan, Z. "Nurse–Nurse Collaboration and Performance among Nurses Employed in Intensive Care Units". *Nursing in Critical Care*. (2022); in press.
- Almuhtadi, L., Hasan, R., Al_Khawaldeh, F., & Eshah, N. "Job Satisfaction of Nursing Staff and Its Contributing Factors: An Integrative Literature Review". *International Journal of Health Sciences and Nursing* (ISSN: 2814-2098). (2022); 5(2), 1-25.
- Ayoub, A., Salim, N., Hdaib, B. & Eshah, N. "Factors contributing to patient safety culture: the staff perspective". *British Journal of Healthcare Management*. (2021); 27(12), 1-6.
- Rayan, A, Eshah, N. & Froelicher, E. "Factors Predicting Dependence on Waterpipe Smoking among Waterpipe Exclusive Smokers". *Journal of Addictions Nursing*. (2021); in press.
- Eshah, N., Mosleh S., & Ahmed Al-Smadi. "The decisional balance toward health behaviors among patients with hypertension". *Clinical Nursing Research*. (2021); 30(7) 977–984.
- Alsaraireh M., & Eshah, N. "Factors that influence the quality of pain management in patients with skin traction". *International Journal of Orthopaedic and Trauma Nursing*. (2020); 36, 100713.
- Eshah N. "Readiness for behaviour change among patients living with ischemic heart diseases". *Journal of Nursing Research*. (2019); 27(6), e57.
- Abed M., Eshah N., & Moser D. "Risk profile of myocardial infarction in young versus older adults". *Heart & Lung*. (2018); 47(3), 226–230.
- Haddad N., Saleh M. & Eshah N. "Effectiveness of nurse-led video interventions on anxiety in patients having percutaneous coronary

intervention". *International Journal of Nursing Practice*. (2018); e12645.

- Eshah N. "Investigating Cardiovascular Patients' Preferences and Perspectives regarding the Use of Social Media in Health Education". *Contemporary Nurse*. (2018); 54(1), 52-63.
- Eshah N. & Froelicher E. "Knowledge, attitudes, beliefs and patterns of waterpipe use among Jordanian adults who exclusively smoke waterpipes". *European Journal of Cardiovascular Nursing*. (2018); 17(1), 85-92.
- Al Daken L. & Eshah N. "Self-reported adherence to therapeutic regimens among patients with hypertension". *Clinical & Experimental Hypertension*. (2017); 39(3), 264-270.
- Haddad N., Saleh M. & Eshah N. "Cardiac Catheterization and patients' Anxiety levels". *British Journal of Cardiac Nursing*. (2017); 12(7), 130-134.
- Mosleh S., Eshah N. & Dar Awwad M. "Percutaneous coronary intervention and heart surgery learning needs of patients in Jordan". *International Nursing Review*. (2016); 63(4), 562-571.
- Alazzam M., Albashtawy M., Manal K., Eshah N., Baker O., Alomari O. & Alkhalwaldeh A. "Advantages and disadvantages of studying the family as a context approach when dealing with a school aged child diagnosed with Attention Deficit Hyperactivity Disorder". *Iran Journal of Public Health*, (2016); 45(10), 1369-1370.
- Mosleh S., Eshah N. & Almalik M. "Perceived Learning Needs According to Patients who have undergone major Coronary Interventions and their Nurses". *Journal of Clinical Nursing*. (2016); 26(3-4), 418-426.
- Eshah N. & Al Daken L. "Assessing Publics' Knowledge about Hypertension in a Community-Dwelling Sample". *Journal of Cardiovascular Nursing*. (2016); 31(2): 158-165.
- Eshah N. & Rayan A. "Psychological Burden of a relative's Cardiac Intensive Care Unit admission". *British Journal of Cardiac Nursing*. (2015); 10(4): 194-200.
- Eshah N. & Rayan A. "Predicting the Negative Emotional Symptoms in Relatives of Patients Residing in Intensive Care Unit". *Global Journal on Advances in Pure and Applied Sciences*. (2015); 7: 21-28.

- Eshah N. "Ischemic Heart Diseases: The unrecognized killer in the Jordanian community". *Journal of behavioral Health*. (2014); 3(1), 58-64.
- Eshah N. "Predischarge Education Improves Adherence to a Healthy Lifestyle among Jordanian Patients with Acute Coronary Syndrome". *Nursing and Health Sciences*. (2013); 15: 273-279.
- Eshah N. "Seeking Medical Attention among Jordanian Patients with Acute Myocardial Infarction". *European Scientific Journal*. (2013); special edition 3: 753-761.
- Eshah N. "Knowledge of Stroke and Cerebrovascular Risk Factors among Jordanian Adults". *Journal of Neuroscience Nursing*. (2013); 45(5). 13-19.
- Eshah N. "Jordanian Acute Coronary Syndrome Patients' Learning Needs: Implications for Cardiac Rehabilitation and Secondary Prevention Programs". *Nursing and Health Sciences*. (2011); 13: 238-245.
- Eshah N. "Lifestyle and Health Promoting Behaviors in Jordanian Subjects without Prior History of Coronary Heart Disease". *International Journal of Nursing Practice*. (2011); 17: 27-35.
- Bond A., Eshah N., Bani-Khalid M. et al. "Who Uses Nursing Theory? A Univariate Descriptive Analysis of Five Years Research Articles". *Scandinavian Journal of Caring Sciences*. (2011); 25: 404 – 409.
- Eshah N., Bond A. & Froelicher E. "The Effects of a Cardiovascular Disease Prevention Program on Knowledge and Adoption of a Heart Healthy Lifestyle in Jordanian Working Adults". *European Journal of Cardiovascular Nursing*. (2010); 9: 244-253.
- Eshah N. & Bond A. "Acute Myocardial Infarction Survivors Experiences: a Qualitative Literature Review". *Jordanian Medical Journal*. (2009); 43(3): 238-246.
- Eshah N. & Bond A. "Cardiac Rehabilitation Program for Coronary Heart Disease Patients: An Integrative Literature Review". *International Journal of Nursing Practice*. (2009); 15: 131-139.

B- Manuscripts in Review:

- Career Trends and Turnover Intention over Different Career Stages among Oncology Nurses.
- Structural, Psychological Empowerment and Organizational Commitment among Staff Nurses in Jordan.

C- Manuscripts Under Construction:

- The Role of Mindfulness and Emotional Intelligence in Conflict Resolution among Jordanian Nurse Managers.
- Professional self-concept and problem solving ability among registered nurses over different career stages.
- The role of organizational support and job satisfaction on work engagement among critical care nurses.

D- Thesis and Dissertation:

- "Predictors of Patients' Delay in Seeking Medical Treatment in Jordanian Acute Myocardial Infarction Patients" (***Master Thesis***).
- "The Effects of an Intervention Program on Knowledge about Coronary Heart Disease and Adoption of Healthy Lifestyle in Working Adults in Jordan" (***Doctoral Dissertation***).

E- Organizing Conferences:

- The chairperson of the Third Nursing Scientific Day "*Empowering Nurses toward Improving Quality Care*" that was held at Zarqa University, 7 March, 2018. ***Zarqa University – Jordan.***
- The Head of the Scientific Committee for the Second Nursing Scientific Day "*Innovations in nursing research, practice & education*" that was held at Zarqa University, 15 March, 2018. ***Zarqa University – Jordan.***
- The Head of the Scientific Committee for the First International Nursing Conference- INC 2016 "*Improving Clients' Outcomes through Implications of Scientific Evidence*" that was held at Zarqa University, 6-7 April, 2016. ***Zarqa University – Jordan.***

- Member in Organizing, and Administrative Committees for the First International Nursing Conference- INC 2016 "*Improving Clients' Outcomes through Implications of Scientific Evidence*" to be held in Zarqa University, 6-7 April, 2016. **Zarqa University – Jordan.**
- The Head of the Organizing Committee for the First Nursing National conference At Zarqa University (2010). "*Expanding Horizons of Nursing Profession: Science and Application*". **Zarqa University – Jordan.**

Teaching Experience:

Taught the following courses for Master students:

- Research methodology in nursing
- Data management and statistical analysis
- Nursing Administration 2 – Theory
- Nursing Administration 2 – Clinical
- Application Project

Taught the following courses for Bachelor students:

- Pharmacology
- Health Education
- Research Methods
- Pathophysiology
- Medical Terminology
- Nursing Trends and Ethics
- Fundamentals of Nursing / Theory
- Fundamentals of Nursing / Practicum
- Adult Health Nursing - I/ Theory
- Adult Health Nursing - I / Practicum
- Adult Health Nursing - II/ Theory
- Adult Health Nursing - II / Practicum
- Critical Care Nursing / Theory
- Critical Care Nursing / Practicum
- Health Assessment & Physical examination

Research Interests:

Cardiovascular nursing

Health Education

Health promotion

Lifestyle modification

Primary prevention

Secondary prevention
Cardiac rehabilitation
Smoking waterpipe and cigarettes
Nursing administration and leadership

Postgraduate Studies:

- **Supervising** several Master students at Zarqa University – Faculty of Nursing. Thesis titles:
 - The relationship between career trends and turnover intention among oncology nurses: a repeated cross-sectional survey.
 - Structural and psychological empowerment as predictors of nurses' motivation, and occupational mental health.
 - Structural, psychological empowerment and organizational commitment among staff nurses in Jordan.
 - The role of mindfulness and emotional intelligence in conflict resolution among Jordanian nursing managers.
 - The professional self-concept and problem solving ability for registered nurses in all career stages.
 - The role of organizational support in work engagement of intensive care nurses.
 - The workplace bullying and its association with Jordanian nurses' mental health.
 - Professional Quality of Life among Frontline Nurses during the COVID-19 Pandemic.
 - Professional self-concept and self-confidence of nurses dealing with COVID-19 patient.
 - Leadership styles of nursing managers and their association with nurses' motivation and turnover intention.
 - The Association between Jordanian Staff Nurses' Emotional Intelligence and Conflict Management Styles.

- Post-Traumatic Stress Symptoms in Front-Line Nurses Worked with COVID-19 Patients.
- **External Examiner** in several Doctoral Dissertation Examination Committees, University of Jordan – Faculty of Nursing.
- **External Examiner** in several Master Thesis Examination Committees, University of Jordan – Faculty of Nursing.

Research Fund and Grants:

Abdul Hameed Shoman Fund for Supporting Scientific Research, **Abdul Hameed Shoman Foundation**, Jordan (2016).

Amount: \$ 11000

Role: PI

Deanship of Scientific Research Fund, **Zarqa University**, Jordan.

Amount: Three rounds of support from 2012 – 2015 / Total \$ 5500

Role: PI

Deanship of Scientific Research Fund, **Zarqa University**, Jordan.

Amount: Three rounds of support from 2009 – 2011 / Total \$ 5000

Role: PI

Membership in Scientific Committees:

Member in scientific committees of the following international conferences:

- Member of the International Editorial Board of the "European Scientific Journal".
- 4th Eurasian Multidisciplinary Forum, EMF 2016, 27-29 April 2016, Vienna, Austria.
- 4th Mediterranean Interdisciplinary Forum on Social Sciences and Humanities, MIFS 2016, 16-18 May 2016, Barcelona, Spain.
- 5th Global Academic Meeting, GAM 2016, 24-26 March 2016, Budapest, Hungary.

- 3rd International Scientific Forum, ISF 2015, 22-25 April 2015, Amman, Jordan.
- 3th Global Academic Meeting, GAM 2015, 17-19 September 2015, New York, USA.

Training courses and workshops:

- Attended training & management meeting supported by Erasmus Plus in **Alicante, Spain** 18th – 20th September 2018. The target was to enhance, develop the teaching materials for the core courses of the master program in PHM.
- Successfully completed the 10 modules **CITI Program (Collaborative Institutional Training Initiative)** Course entitled “Responsible Conduct of Research- RCR”, September 2017.
- Attended workshop on "Dissemination and Implementation Training for Waterpipe Research” Supported by National Institute of Drug Abuse (NIDA) & National Cancer Institute (NCI) – **American University of Beirut, Lebanon**, November 9, 2017.
- Successfully completed the one week “ISO 9001:2015 Quality Management Systems Auditor/Lead Auditor Training Course”, October 2016.
- Attended workshop on "Principles of Strategic Planning". Quality control office – **Zarqa University, Jordan**, 24-25 June, 2015.
- Attended workshop on "Motivational Interview". European Society of Cardiology – **Valamar, Babin Kuk, Croatia**, 15th June, 2015.
- Attended workshop on "Challenges and thoughts in research designs". Council of Cardiovascular Nursing and Allied Professions – **Dubrovnik, Croatia**, 13th June, 2015.
- Attended SGS SSC QMS Training course entitled; ISO 9001:2008 Foundation Training Course, October 2014.
- Attended SGS Training course entitled; ISO 9001:2008 Internal Audit training course, October 2014.

- Attended workshop on "Reviewing for European Journal of Cardiovascular Nursing". European Society of Cardiology – **Rica Forum Stavenger, Norway, (2014).**
- Attended workshop on "How to how to build a successful international collaboration". Council of Cardiovascular Nursing and Allied Professions – **Stavenger Forum, Norway, (2014).**
- Attended workshop on "How to successfully present your research for publication". European Society of Cardiology - **Glasgow, Scotland, (2013).**
- Attended course supported by Tempus project "Developing Service-Learning and Civic engagement Partnerships across the Curriculum". Roehampton University – **London, United kingdom, (2011).**
- Attended workshop on "Reflective Learning and Learning Journals". Bournemouth University - **London, United kingdom, (2011).**
- Attended workshop on scientific writing "Writing for Publication in Nursing: Reach for the Stars". Prince Mona College – Royal Medical Services, **Amman, Jordan, (2008).**
- Attended workshop on "Preparing Faculty Members for Effective University Teaching". Zarqa University – **Zarqa, Jordan, (2007).**
- Attended Pediatric Advance Life Support (PALS) provider approved by the California Board of Registered Nursing Provider. KHCC, **Amman, Jordan, (2006).**
- Attended Pediatric Advance Life Support (PALS) Instructor approved by the California Board of Registered Nursing Instructor. KHCC, **Amman, Jordan, (2006).**
- Attended Basic Cardiac Life Support course (BCLS) in accordance with the curriculum of the American Heart Association. KHCC, **Amman, Jordan, (2006).**
- Attended Emergency and Crisis Management course. Jordan university Hospital. **Amman, Jordan, (2003).**

Reviewing Manuscripts:

Serving as reviewer for many journals, for example:

- Reviewer for European Journal of Cardiovascular Nursing.
- Reviewer for Journal of Patient Education and Counseling.
- Reviewer for Western Journal of Nursing Research.
- Reviewer for Journal De Pediatria.
- Reviewer for Journal of preventive Medicine and Hygiene.
- Reviewer for the European Scientific Journal.
- Reviewer for International Journal of Preventive Medicine.
- Reviewer for International Research Journal of Microbiology.

Other Academic Activities:

- Internal Auditor for General and Private Academic Accreditation– Zarqa University.
- Internal Auditor for ISO 9001 : 2015 – Zarqa University.
- Internal Auditor for ISO 9001 : 2008 – Zarqa University.
- Head of the Research and Conferences committee- Faculty of Nursing, Zarqa University.
- Head of the Clinical training committee- Faculty of Nursing, Zarqa University.
- Head of the Nursing curriculum committee- Faculty of Nursing, Zarqa University.
- Head of the Qualifying exam committee- Faculty of Nursing, Zarqa University.
- Head of the Graduates follow-up committee- Faculty of Nursing, Zarqa University.
- Member in the quality improvement, and Examination committees- Zarqa University.
- Committee Member in the "Continuous Education Center" and "Electronic Learning Center" at Zarqa University.
- Participated in examining the graduate Nurses in many universities: (Zarqa University, Al Al-Bayt University, Hashemite University, University of Jordan, Philadelphia University, and King Hussein University).

Voluntary Activities:

- Provided a full day workshop entitled "Ethical responsibilities in scientific writing -Authorship, Mentoring and Plagiarism" that discussed these important topics that have major ethical challenges on

how to deal with them. Target participants were Master and Doctoral students as well as Assistant professors, August (2018).

- Organize and present Basic Electrocardiogram (ECG) Interpretation course for large number of nursing students (2012).
- Organize and present a specialized course about Basic Interpretation of the Electrocardiogram (ECG) that targeted large group of the Nursing students (2011).
- Organize and present a specialized course about First aids and Basic Cardiac Life Support (BCLS) in Al-Zahra' foundation that targeted large group of the community women. Al Rusifah, Jordan (2011).
- Conducted a specialized course about First aids that targeted large group of the University students (2010).
- Conducted a specialized course about Basic Cardiac Life Support (BCLS) training that targeted large group of the University students (2009).
- Conducted a specialized course about "Clinical Teaching Course" for the Clinical Instructors in the faculty of nursing. Zarqa University (2008).