

## Curriculum Vitae

**Name:** Dr. Majd Tawfeeq Mrayyan

**Job Title:** **Professor 2010 till now.**  
**A member of the Board of Trustees- Irbid Private University starting 9/9/ 2018.**  
**Ex-Vice President 2017-August 28th, 2018.**  
**Ex- Dean of the Scientific Research 2015-2017, Ex- Dean of Faculty of Nursing- 2006-2010- The Hashemite University (HU)-Jordan.**

**Professional Title:** Since 2012, *Consultant in Nursing*

**Rank:** *Professor-Early Promotion on November 13<sup>th</sup>, 2010.*  
*Tenureship since 17<sup>th</sup> /10/2007*  
*Associate Professorship- Early Promotion on November 13<sup>th</sup>, 2006.*

**Date of Appointment:** Sept 22<sup>nd</sup>, 2002.

**Licensure Number:** 2758 since 7<sup>th</sup> /7/1992.

**Nationality:** Jordanian

**Gender:** Female

**Language:** Arabic and English

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 Work: 00962-5-3903333, Ext 5442, 5449.  
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 Faculty of Nursing  
 P.O. Box 330127  
 Zarqa- 13133- Jordan

**E-mail Address:** [mmrayyan@hu.edu.jo](mailto:mmrayyan@hu.edu.jo)

**Links:**

**Google Scholar:** <https://scholar.google.com/citations?user=jnIaABwAAAAJ&hl=en>

**Orcid:** <http://orcid.org/0000-0001-8401-4976>

**Researchgate:** [https://www.researchgate.net/profile/Majd\\_Mrayyan](https://www.researchgate.net/profile/Majd_Mrayyan)

**Linkedin:** <https://www.linkedin.com/in/prof-dr-majd-mrayyan-0b759076/?originalSubdomain=jo>

**Academic.edu:** <https://hu-jo.academia.edu/ProfDrMajdMrayyan>

**Mendeley:** <https://www.mendeley.com/profiles/majd-mrayyan/publications/>

**Pubfacts:** <https://www.pubfacts.com/author/Majd+T+Mrayyan>

**Hashemite University:** <http://staff.hu.edu.jo/Default.aspx?id=C58oHIiB8iY=>

**ID in the National Database of Jordanian Researchers:** 1203:

<http://resn.hcst.gov.jo/GeneralInfo.aspx>

**ID in the Jordanian Researchers-Scientific Research Fund: 2000188:**

<http://app.srf.gov.jo/SRFresearchersApp/Home.aspx>

**Academic Qualifications:**

1. Ph.D. in Nursing Administration- The University of Iowa- Faculty of Nursing-2002- GPA= 3.6/4.  
Subspecialty: Hospital Organization and Management and USA Healthcare System.
2. M.Sc. degree in Hospitals and Health Facilities Administration- University of Jordan- Faculty of Graduate Studies- 1994- GPA= (81.1%).
3. B.Sc. in Nursing - University of Jordan-Faculty of Nursing- 1992- GPA= (85.3%).
4. General Secondary Certificate- 1988- GPA (85.4%).

**Teaching Experience:**

**Professional Title:** Consultant in Nursing

1. Full Professor at the Faculty of Nursing-The Hashemite University, the academic year 2011-2012-till now.
2. Full Professor at the Faculty of Nursing-The Jordan University of Science and Technology, the academic year 2010-2011.
3. Full Professor at the Faculty of Nursing-The Hashemite University, 2010.
4. Associate Professor at the Faculty of Nursing-The Hashemite University, 2006-2010.
5. Assistant Professor at the Faculty of Nursing-The Hashemite University, 2002-2006.
6. Teaching and Research Assistant at The University of Iowa, 2000-2002.
  - *Nursing Care for Patients with Cancer*
  - *Complex Concepts of Nursing Care*
  - *TA in the Department of Parent, Child, and Family Nursing and Biobehavioral Nursing.*
7. Teaching and Research Assistant at The Hashemite University, 1999-2000.
8. A Part-time Clinical Instructor- The University of Jordan- Faculty of Nursing during my clinical experience in the Day Care Unit (One Day Surgery Unit), 1998-1999.
9. Teaching and Research Assistant at The Jordan University of Science and Technology, 1995-1996.

**Administrative Experience outside the Hashemite University:**

- **A member of the Board of Trustees- Irbid Private University starting 9/9/ 2018.**
- **A member of the Board of Trustees- Amman Training Center- (كلية تدريب عمان)- UNRWA - 2013-2017.**

**Administrative Experience at the Hashemite University:**

- Appointed as the Vice President starting Sept 12<sup>th</sup> 2017-August 28<sup>th</sup> /2018.
- Appointed as the Dean of Scientific Research starting November 18<sup>th</sup> 2015-Sept 11<sup>th</sup> 2017.
- Appointed as the Dean-Faculty of Nursing starting October 5<sup>th</sup> 2008- October 4<sup>th</sup> 20<sup>th</sup> .

- Appointed as the Dean-Faculty of Nursing starting October 5<sup>th</sup> 2006- October 4<sup>th</sup> 2008.
- Appointed as the Acting Dean-Faculty of Nursing starting June 20<sup>th</sup> 2006-October 4<sup>th</sup> 2006.
- Appointed as the Vice Dean-Faculty of Nursing starting Sept 18<sup>th</sup> 2005-June 19<sup>th</sup> 2006.
- Appointed as the Vice Dean-Faculty of Nursing on Sept 19<sup>th</sup> 2004 -Sept 17<sup>th</sup> 2005.
- Appointed as an Assistant Dean-Faculty of Nursing from Sept 29<sup>th</sup> 2002- Sept 18<sup>th</sup> 2004.
- In 2003, appointed as the Director of Problem-based Learning (PBL) Project at the Faculty of Nursing-The Hashemite University in-cooperation with The British Council and The University of Glasgow Caledonian in the United Kingdom.
- On July 25<sup>th</sup> 2004, a representative of the Faculty of Nursing in the *Quality Assurance Center* -The Hashemite University.
- Acting Dean Aug 24<sup>th</sup> - Sept 1<sup>st</sup> 2003.
- Acting Dean Dec 2<sup>nd</sup> - Dec 7<sup>th</sup> 2003.
- Acting Dean Feb 18<sup>th</sup> - Feb 22<sup>nd</sup> 2004.
- Acting Dean June 20<sup>th</sup> - June 30<sup>th</sup> 2004.

### **Clinical Nursing Experience:**

Registered Staff Nurse (RN) Jordan University Hospital (JUH):

- 1- Day Care Unit (One Day Surgery Unit) from September 14<sup>th</sup> 1996 to November 4<sup>th</sup> 1999.
- 2- Intensive Care Unit (ICU) from April 4<sup>th</sup> 1995 to September 13<sup>th</sup> 1996.
- 3- Intensive Care Unit (ICU) from October 19<sup>th</sup> 1992 to October 25<sup>th</sup> 1994.

### **Awards**

- January 21<sup>st</sup> 2021, nominated for the award of the **“The First 100<sup>th</sup> of the Kingdom of Jordan”** coordinated by the Ministry of Higher Education and Scientific Research.
- **“Certified Microsoft Innovative Educator”** after finishing the online course: *MIE Teacher Academy using Microsoft Teams, Staying connected with remote learning through Microsoft Teams and Office 365-Basic and Advanced* (Instructor-led training) on November 22<sup>nd</sup> 2020.
- March 2019, ranked as **one of the highly cited Jordanian Researchers**; the *second of Nursing Researchers* in the Kingdom (h-index=21; i10-index=31; citation= 1863), and the 83<sup>rd</sup> of all Jordanian Scientific Researchers listed in the Google Scholar Database.  
Available at:  
[http://www.ju.edu.jo/ar/arabic/Lists/UJRankingList/Disp\\_Form\\_New.aspx?ID=104](http://www.ju.edu.jo/ar/arabic/Lists/UJRankingList/Disp_Form_New.aspx?ID=104)
- June 24<sup>th</sup> 2018, nominated for **Sheikh Mohammed bin Rashid Al Maktoum Knowledge Award / Individual Category 2018**- Dubai.

- June 2018, ranked as **one of the highly cited Jordanian Researchers**; the *second of Nursing Researchers* in the Kingdom (h-index=20; i10-index=29; citation= 1722), and the 77<sup>th</sup> of all Jordanian Scientific Researchers listed in the Google Scholar Database.  
Available at: [http://www.ju.edu.jo/Lists/UJRankingList/Disp\\_Form\\_New.aspx?ID=112](http://www.ju.edu.jo/Lists/UJRankingList/Disp_Form_New.aspx?ID=112)
- January 2018, ranked as **one of the highly cited Jordanian Researchers**; the *second of Nursing Researchers* in the Kingdom (h-index=20; i10-index=29; citation= 1606), and the 71<sup>th</sup> of all Jordanian Scientific Researchers listed in the Google Scholar Database.  
Available at: [http://www.ju.edu.jo/Lists/UJRankingList/Disp\\_Form\\_New.aspx?ID=110](http://www.ju.edu.jo/Lists/UJRankingList/Disp_Form_New.aspx?ID=110)
- August 4<sup>th</sup> 2017, nominated for **Sheikh Mohammed bin Rashid Al Maktoum Knowledge Award / Individual Category 2017-** Dubai.
- June 2017, ranked as **one of the highly cited Jordanian Researchers**; the *second of Nursing Researchers* in the Kingdom (h-index=18; i10-index=28; citation= 1451), and the 71<sup>st</sup> of all Jordanian Scientific Researchers listed in the Google Scholar Database.  
Available at: [http://ju.edu.jo/ar/arabic/Lists/UJRankingList/Disp\\_Form\\_New.aspx?ID=79](http://ju.edu.jo/ar/arabic/Lists/UJRankingList/Disp_Form_New.aspx?ID=79)
- March 2<sup>nd</sup> 2017, nominated for **Princess Muna Award of Excellence in Nursing/ Individual Category/Regional Level 2016** granted by the Jordanian Nursing Council.
- February 14<sup>th</sup> 2017, nominated for **Best Medical Researcher Award 2016-** The Research Support Fund.
- November 2016, ranked as **one of the highly cited Jordanian Researchers**; the *first of Nursing Researchers* in the Kingdom (h-index=18; i10-index=27; citation=1245), and the 52<sup>th</sup> of all Jordanian Scientific Researchers listed in the Google Scholar Database.  
Available at: [http://ju.edu.jo/Lists/Ranking/Disp\\_form.aspx?ID=66](http://ju.edu.jo/Lists/Ranking/Disp_form.aspx?ID=66)
- February 2016, ranked as **one of the highly cited Jordanian Researchers**; the *first of Nursing Researchers* in the Kingdom (h-index=15; i10-index=25; citation=1082), and the 47<sup>th</sup> of all Jordanian Scientific Researchers listed in the Google Scholar Database.  
Available at: [http://ju.edu.jo/Lists/Ranking/Disp\\_form.aspx?ID=34](http://ju.edu.jo/Lists/Ranking/Disp_form.aspx?ID=34)
- December 15<sup>th</sup> 2009, awarded the "**Excellence Award for Distinguished Staff Member**" from The Scientific Society of Arab Nursing Faculties- Association of Arab Universities. The announcement took place in Cairo-Egypt and the official ceremony was held in Sultanate Oman on December 14<sup>th</sup>, 2010.
- July 16<sup>th</sup> 2007, awarded "**Princess Muna Al-Hussein Global Research Award 2006**" coordinated by the Jordanian Nurses and Midwives Council for my research paper "Mrayyan, M.T. (2006). Jordanian nurses' job satisfaction, patients' satisfaction, and quality of nursing care. *International Nursing Review*, 53(3), 224-230." My research was selected as the Best Research among 24 research studies that were evaluated by an expert panel of 4 consultants from the US and Jordan.

- June 3<sup>rd</sup> 2008, based on Scopus Database, **ranked the first out of 433 faculty members** at the Hashemite University in the number of published articles 2004-2008.
- August 22<sup>nd</sup> 2007, honored by the President of the Hashemite University for being one of faculty members who has the **Highest Number of Publications listed in International Databases 2000-2007**.
- March 21<sup>st</sup> 2007, awarded by the University of Jordan as "**One of the Best 31 Academic Female Leaders in Jordan, and the One the Best Two Academic Female Leaders at the Hashemite University**." There were 400 nominated academic female leaders, of which 31 academic female leaders were selected.
- At the 10<sup>th</sup> anniversary of establishing the Hashemite University, on February 21<sup>st</sup> 2006, honored by the President of the Hashemite University as **One of the Best Faculty Members** who awarded external research fund.
- **During my Deanship, August 22<sup>nd</sup> 2007**, honored by the President of the Hashemite University for the high achievements of the Faculty in the **Quality Assurance Project and Competency Exam 2006-2007**; we at the Faculty of Nursing were awarded the first rank among all Jordanian Faculties of Nursing in both projects.
- **During my Deanship, March 7<sup>th</sup> 2007**, honored by the President of the Hashemite University for my efforts that resulted in obtaining the **First Rank among all Jordanian Governmental and Private Faculties of Nursing in the Quality Assurance Project**. This project was initiated and directed by Al-Hussein Center for Excellence and Creativity in collaboration with American auditors from the University of Cincinnati and The University of Toledo. The Faculty of Nursing took the "**Award of Best Nursing Program at Jordan**."
- In 2010, as I am distinguished in my research and my academic career and administrative work, I was **promoted on an early basis to Full Professor of Nursing, which applied as well to my early promotion to Associate Professor in 2006**.
- **During my Deanship, May 2009**, my journey of three years was flourished by the establishment of a **Master's Program in Nursing**. The student will be graduated as a Clinical Nurse Specialist in Oncology Nursing or Psychiatric and Mental Health Nursing.
- **During the period of my Vice- Deanship**, the Faculty of Nursing was ranked "**The Second**" among all Governmental and Private Nursing Faculties in Jordan in the **National Competency Exam in the Academic Year 2005-2006**. I was responsible for all the initiatives that took place to prepare the students for this exam.

### Honors during my Academic Career

- 2020-2021, established the Clinical Leadership and Management Master's Program.

- 2020-2021, the Head of Standard 1: The Mission and Administrative Capacity of ACEN accreditation.
- 2019-2020, the Head of Standard 1: The Mission and Administrative Capacity of ACEN accreditation.
- Certified “*Certified Microsoft Innovative Educator*” after finishing the online course: *MIE Teacher Academy using Microsoft Teams, Staying connected with remote learning through Microsoft Teams and Office 365-Basic and Advanced* (Instructor-led training) on November 22<sup>nd</sup> 2020.
- 2019-2020-2021, including a graduate-level course (Legal and Ethical Issues in Health Care and Health Care System and Policies) and three undergraduate-level courses (Clinical Leadership, Clinical Practicum, and Communication Skills), on the Second Semester (Hybrid) and Summer (Totally Online) 2019-2021: Self-taught **online interactive courses hosting using Microsoft Teams, Skype, Zoom**, and many other software needed for hosting such courses. Skills gained include creating online exams and assignments using Microsoft teams and forms and google forms as well as evaluation using google forms.
- Sep. 2019, a member of the Steering committee formed by the **Jordanian Nursing Council for supervising the Nursing Licensure Exam**.
- Sept. 2019, the Head of the **Scientific Committee of the Leadership-to set the Questions Bank Committee for the Nursing Licensure Exam** set by the **Jordanian Nursing Council**.
- July 2019, the Head of a Committee formed by **The Jordanian Higher Education Accreditation Commission** to decide on increasing **the Capacity [Number] of Students of Master of Nursing-** the Faculty of Nursing in Zarqa Private University.
- June 2019, a member of the **Main Committee of the Nursing Licensure Exam** formed by the **Jordanian Nursing Council**.
- May 2019, a member of a committee formed by **Accreditation and Quality Assurance Commission for Higher Education Institutions** to integrate nursing competencies issued by the JNC with the accreditation guidelines of **Bachelor of Nursing programs at the Jordanian universities** issued by the **Accreditation and Quality Assurance Commission for Higher Education Institutions**.
- Feb 2019, the head of the committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to decide **on continuity on the accreditation** of Jordan University-Faculty of Nursing Bachelor, Master, and Doctoral Programs.

- Nov 2018, the head of the committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to decide on the **accreditation** of Zarqa College-Balqa Applied University for Nursing and Pharmacy Program the Jordanian universities.
- Starting Sept. 2018, a member of **the Board of Trustees-** Irbid Private University.
- July 2018, a member of Committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to decide on **Outcomes of Bachelor of Nursing programs at the Jordanian universities.**
- 2018, a member of Committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to audit the **Quality Assurance** of the Faculty of Nursing in Zarqa Private University.
- Sept. 2017, the **First Female Vice President at the Hashemite University**; the previous Vice Presidents were males.  
**Responsibilities include:**
  1. Deanship of Scientific Research.
  2. Faculty of Graduate Studies.
  3. Faculty of Nursing.
  4. Faculty of Educational Sciences.
  5. Community Rehabilitation Center.
- 2017, during my Deanship of Scientific Research, I transformed the **Deanship into a Fully-Electronic Platform.**
- 2016, **one of the highly cited Jordanian Researchers**; the *first of Nursing Researchers* in the Kingdom and the 47<sup>th</sup> and 52<sup>th</sup> of all Jordanian Scientific Researchers listed in the Google Scholar Database. Available at:  
[http://ju.edu.jo/Lists/Ranking/Disp\\_form.aspx?ID=66](http://ju.edu.jo/Lists/Ranking/Disp_form.aspx?ID=66)  
[http://ju.edu.jo/Lists/Ranking/Disp\\_form.aspx?ID=34](http://ju.edu.jo/Lists/Ranking/Disp_form.aspx?ID=34)
- November 2015, the **First Female Dean of the Deanship of Scientific Research at the Hashemite University**; the previous 9 Deans were males.
- October 2015, a member of the “**National Committee of Research and Policy**”, a committee established by the Jordanian Nursing Council.
- August 2015, prepared a draft of “**Part-Time Nursing Policy Statement**” for the Jordanian Nursing Council.
- 2014-2015, a member of the **Health Policy Forum**; a committee established by the Jordan University of Science and Technology to support evidence-based policymaking.

- 2014-2015, a member of the **Committee of Ethics of Sciences and Technology- Ministry of Higher Education and Scientific Research.**
- 2013-2014, a member of **Committee formed by The Jordanian Higher Education Accreditation Commission** to decide on competencies of undergraduates of Health-related Sciences to launch a national competency exam in the academic year 2013-2014.
- 2013-2014, the Head of a **Committee formed by The Jordanian Higher Education Accreditation Commission** to decide on increasing the **Capacity [Number] of Students** of the Faculty of Nursing in Zarqa Private University.
- 2013, a member of the **Curriculum Committee- Royal Medical Sciences University- School of Nursing.**
- 2013-2017, a member of the **Board of Trustees** of Amman Training Center- (كلية تدريب - عمان) UNRWA.
- 2012-2015, a member of **Scientific Research Support Fund- Ministry of Higher Education**-the Committee of *Medical and Pharmaceutical Sciences.*
- 2012-2015, a member of **the Nursing Research and Evidence-based Practice Council** of King Hussein Cancer Center.
- 2011, participated in establishing **Quality Management Standards for the Academic Nursing Programs in Jordan.** This project was directed by the Higher Education Accreditation Commission.
- 2005-2010, established **Quality Control System for the School of Nursing**-The Hashemite University. This system put the school in the first rank among all Jordanian Schools of Nursing at the University Level in Jordan.
- April 2011, prepared a proposal for the **Health Care Accreditation Council (HCAC)** about how to measure some health care indicators.
- January 2011, nominated by the Hashemite University to "**Princess Muna Medals Award for Nursing and Midwifery Excellence**"- "**Excellence in Nursing Education and Research**" directed by the Jordanian Nursing Council.
- In 2010, nominated for **Best Medical Research Prize 2010**- The Ministry of Higher Education and Scientific Research.
- Sept 13<sup>th</sup>, 2010- Sept 13<sup>th</sup>, 2011, spent a **Sabbatical Leave** in the Faculty of Nursing- Jordan University of Science and Technology.



- March 18<sup>th</sup> 2010, nominated by the Hashemite University to "**Princess Muna Medals Award for Nursing and Midwifery Excellence**"- "**Excellence in Nursing Education and Research**" directed by the Jordanian Nursing Council.
- December 23<sup>rd</sup> 2009, nominated by the Jordanian Nursing Council and the Ministry of Health as a member of the **Committee of "Best Arab Nursing Work of Research, Innovation and Service"**- Association of Arab Universities.
- December 8<sup>th</sup> 2009, a member of the **Arab Scientific Council of Nursing Specialty**, was nominated by the Ministry of Health.
- 2008-2011, a member of **the Executive Committee of the Scientific Society of Arab Nursing Faculties**- Association of Arab Universities.
- Starting 2010, a member of the **Editorial Board of the Journal of the Scientific Society of Arab Nursing Faculties**- Association of Arab Universities.
- October 2009, nominated for **Shoman's Prize for Medical Sciences**.
- April 28<sup>th</sup> 2009, the Faculty of Nursing at the Hashemite University joined the other Faculties at the International and National levels to establish a Program of "**Master's Degree in Nursing Elderly Care**." Our partners, through the **TEMPUS program**, are: The University of Jordan as local Jordanian coordinator, The Hashemite University will be the second university in Jordan, Lund University (SE) as beneficiary coordinator/grant holder, EU partners will be Nottingham University (UK), Maastricht University (NL), Aarhus University (DK) and Lissabon University (P), The Lebanese University as the lead university in the region, The additional Lebanese universities will be Balamonte University, St Joseph University and American University in Beirut, Lebanese NGOs taking part will be Ain Wazein Hospital in Shouf, the Order of Nurses, the Order of Physicians and the Association of the Red Cross in Lebanon.
- April 11<sup>th</sup> 2009, nominated to **COMSTECH Young Scientist Award**-Pakistan.
- April 11<sup>th</sup> 2009, nominated to **COMSTECH Best Research Paper Award**-Pakistan.
- 2006-2008, served as a mentor in the **ICN Leadership for Change Program in Jordan**. This was a joint effort between the WHO, ICN, MOH, and JNC.
- May 5<sup>th</sup> 2008, joint the **Honor Society of Nursing, Sigma Theta Tau International-USA**. I met their criteria of being legally recognized to practice nursing in his/her country; have a minimum of a baccalaureate degree or the equivalent in any field; and demonstrated achievement in nursing. A membership number is 0557438.
- Feb 26<sup>th</sup> 2008, my paper "The influence of standardized languages on nurses' autonomy" was cited by PIs, Clinicians, Post-docs, Physicians and Ph.D. candidates **as an important**

**piece of research in the**

**field:** <http://www.biowizard.com/pmabstract.php?pmid=15819836>.

- Feb 26<sup>th</sup> 2008, my paper "Jordanian nurses' job satisfaction and intent to stay: Comparing teaching and non-teaching hospitals" was cited by PIs, Clinicians, Post-docs, Physicians and Ph.D. candidates **as an important piece of research in the field:**  
<http://www.biowizard.com/pmabstract.php?pmid=17540315>
- March 13<sup>th</sup> 2008, my paper "A unit-based protocol to enhance Jordanian nurses' autonomous decision making" was cited by PIs, Clinicians, Post-docs, Physicians and Ph.D. candidates **as an important piece of research in the field:** <http://www.biowizard.com/pmabstract.php?pmid=16787474>.
- 2007, created a prize called "**Dr. Majd Mrayyan's Prize for Nursing Students.**" This prize aimed at recognizing high achievers, and active students in extracurricular activities, and needy students.
- 2007-2008, nominated for **Best Medical Research Prize 2008-** The Ministry of Higher Education and Scientific Research.
- August 16<sup>th</sup> 2007, the Faculty of Nursing at the Hashemite University obtained "**The First Rank**" in the **National Quality Assurance Evaluation Project 2006-2007** coordinated by **The Jordanian Higher Education Accreditation Commission.**
- July 2007, nominated for the prize of "**Arab Thought Foundation in Lebanon**" on my paper "Mrayyan, M.T. (2006). A unit-based protocol to enhance Jordanian nurses' autonomous decision making, *Journal of Nursing Management*, 14(5), 391-396.
- May 16<sup>th</sup> 2007, the Faculty of Nursing at the Hashemite University obtained the **First Rank among all Governmental and Private Nursing Faculties in Jordan in the National Competency Exam in the Academic Year 2006-2007.** With the help of other colleagues, I was responsible for all the initiatives that took place to prepare the students for this exam.
- January 8<sup>th</sup> 2007, nominated for **Best Medical Researcher Prize 2007-** The Ministry of Higher Education and Scientific Research.
- 2006-2007, nominated for **Best Medical Researcher Prize 2007-** The Ministry of Higher Education and Scientific Research.
- November 19<sup>th</sup> 2006, nominated for **Best Medical Research Prize -** The Ministry of Higher Education and Scientific Research.
- October 3<sup>rd</sup> 2006, nominated for **Shoman's Prize for Medical Sciences.**

- 2004-2005, nominated for **Best Research/ Medical Sciences Prize** - The Ministry of Higher Education and Scientific Research.
- 2003-2004, nominated as **the Best Young Female** for the academic year. This prize was directed by the University of Jordan.

### **Remarks during Doctoral Study:**

- Data collection of my doctoral dissertation was done through an electronic questionnaire and the utilization of the Internet.
- My Doctoral degree was completed in a record time (2 years and 8 months) with the supervision of Distinguished Professor Joanne McCloskey Dochterman.
- Hospital/ Managerial residency was done at The University of Iowa Hospital and Clinics (UIHC).
- I worked as a Research Assistant for National Bodies of Standardized Languages of The Nursing Interventions Classification (NIC) and Nursing Diagnosis Extension and Classification (NDEC) at The University of Iowa during the period of the Doctoral Study.

### **Quality Initiatives during my Academic Career**

- 2020-2021, established the Clinical Leadership and Management Master's Program.
- 2020-2021, the Head of Standard 1: The Mission and Administrative Capacity of ACEN accreditation.
- 2019-2020, the Head of Standard 1: The Mission and Administrative Capacity of ACEN accreditation.
- July 2019, the Head of a Committee formed by **The Jordanian Higher Education Accreditation Commission** to decide on increasing **the Capacity [Number] of Students of Master of Nursing-** the Faculty of Nursing in Zarqa Private University.
- Feb 2019, the head of Committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to decide **on continuity on the accreditation** of Jordan University-Faculty of Nursing Bachelor, Master, and Doctoral Programs.
- Feb 2019, the head of Committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to decide **on continuity on the accreditation** of Jordan University-Faculty of Nursing Bachelor, Master, and Doctoral Programs.

- May 2019, a member of the committee formed by **Accreditation and Quality Assurance Commission for Higher Education Institutions** to integrate nursing competencies issued by the JNC with the accreditation guidelines of Bachelor of Nursing programs at the Jordanian universities issued by the Accreditation and Quality Assurance Commission for Higher Education Institutions.
- Nov 2018, the head of the Committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to decide on the **accreditation** of Zarqa College-Balqa Applied University for Nursing and Pharmacy Program the Jordanian universities.
- July 2018, a member of Committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to decide on **Outcomes of Bachelor of Nursing programs at the Jordanian universities.**
- 2018, a member of Committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to audit the **Quality Assurance** of the Faculty of Nursing in Zarqa Private University.
- June 2017, a member of a committee for "Quality Assurance" for Zaytoonah Private University- Faculty of Nursing. This project was directed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions.**
- 2017, as the Dean of Scientific Research, I attended the workshop at the Ministry of Higher Education and Scientific Research on the period 25-26 / 4/2016 entitled "Bologna Process and ECTS Credit System" supported by Erasmus Plus / EU program.
- January 2016, a member of a committee responsible for enhancing the quality of academic teaching at the Hashemite University.
- January 2016, a member of the "**Customers' Satisfaction about Quality of Nursing Services in Jordan**", a committee established by the Jordanian Nursing Council.
- April 2011, prepared a proposal for the **Health Care Accreditation Council (HCAC)** about how to measure some health care indicators.
- 2011, participated in establishing **Quality Management Standards for the Academic Nursing Programs in Jordan.** This project was directed by the Higher Education Accreditation Commission.
- 2005-2010, established **Quality Control System for the School of Nursing-The Hashemite University.** This system put the school in the fiats rank among all Jordanian Schools of Nursing at the University Level in Jordan.

- December 15<sup>th</sup> 2008, attended a workshop entitled "*Applying Credit Hours System and its Influence of the Quality of Teaching: The Experience of the Faculty of Nursing at Cairo University.*"
- **During my Deanship,** August 22<sup>nd</sup> 2007, honored by the President of the Hashemite University for the high achievements of the Faculty in the **Quality Assurance Project and Competency Exam 2006-2007; we at the Faculty of Nursing obtained the first rank among all Jordanian Faculties of Nursing in both projects.**
- **During my Deanship,** March 7<sup>th</sup> 2007, honored by the President of the Hashemite University for my efforts that resulted in obtaining the **First Rank among all Jordanian Governmental and Private Faculties of Nursing in the Quality Assurance Project.** This project was initiated and directed by the Al-Hussein Center for Excellence and Creativity in collaboration with American auditors from the University of Cincinnati and The University of Toledo. The Faculty of Nursing took the "**Award of Best Nursing Program at Jordan.**"
- **During my Deanship,** May 2009, my journey of three years was flourished by the establishment of a **Master's Program in Nursing.** The student will be graduated as a Clinical Nurse Specialist in Oncology Nursing or Psychiatric and Mental Health Nursing.
- On July 25<sup>th</sup> 2004, a representative of the Faculty of Nursing in the *Quality Assurance Center* -The Hashemite University.

### Courses in which the Researcher Enrolled in

- 1- Online Course: Has been awarded the certificate for completing the following course: *MIE Teacher Academy using Microsoft Teams, Staying connected with remote learning through Microsoft Teams and Office 365-Advanced* (Instructor-led training) on November 23<sup>rd</sup> 2020 coordinated by the Hashemite University and Microsoft.
- 2- Online Course: Has been awarded the certificate for completing the following course: *MIE Teacher Academy using Microsoft Teams, Staying connected with remote learning through Microsoft Teams and Office 365-Basic* (Instructor-led training) on November 22<sup>nd</sup> 2020 coordinated by the Hashemite University and Microsoft. Certified then as "*Certified Microsoft Innovative Educator*".
- 3- Online Course: Has been awarded the certificate for completing the following course: *Track It, Quiz It, Flip It, Try It, Staying connected with remote learning through Microsoft Teams and Office 365, Keeping students engaged: Building strong student/teacher connections in a remote learning environment* (Instructor-led training) on May 18<sup>th</sup> 2020 coordinated by Microsoft.
- 4- Online Course: Has been awarded the certificate for completing the following course: *Keeping students engaged: Building strong student/teacher connections in a remote learning environment* on May 18<sup>th</sup> 2020 coordinated by Microsoft.

- 5- Online Course: **Understanding Research: An Overview for Health Professionals-** University of California San Francisco-School of Nursing by Dr. Abbey Alkon, RN, PNP, Ph.D. on August 2014.
- 6- Online Course: **The Science of Healthcare Safety**-John Hopkins-School of Nursing by Dr. Cheryl Dennison Himmelfarb, RN, ANP, Ph.D., FAAN, Dr. Peter J. Pronovost, MD, Ph.D., FCCM on October 2013.

### **Courses Taught and Prepared:**

Including a graduate-level course (Legal and Ethical Issues in Health Care and Health Care System and Policies) and three undergraduate-level courses (Clinical Leadership, Clinical Practicum, and Communication Skills), on the Second Semester (Hybrid) and Summer (Totally Online) 2019-2021: Self-taught **online interactive courses hosting using Microsoft Teams, Skype, Zoom**, and many other software needed for hosting such courses. Skills gained include creating online exams and assignments using Microsoft teams and forms and google forms as well as evaluation using google forms.

### **Undergraduate Taught Courses at the Hashemite University:**

- *Health Education and First Aids*
- *Communication Skills*
- *Creative Thinking and Scientific Research in Nursing*
- *Scientific Research in Nursing*
- *Nursing Leadership and Management- Theory*
- *Nursing Leadership and Management- Clinical*
- *Clinical Practicum and Professional Adaptation/ A Major Focus on Critical Care and Professional Nursing and Leadership Practices*
- *Nursing Ethics and Standards of Nursing Profession*

### **Undergraduate Prepared Courses:**

1. *Fundamentals of Nursing-Theory*
2. *Fundamentals of Nursing-Clinical*

### **Graduate-Master's Level Prepared Courses:**

#### **Graduate-Master's Level Taught Courses at the University of Science and Technology-Irbid-**

- *Theoretical Foundation for Nursing*
- *Health Economics*
- *Quality Management*
- *Clinical Project/Non-Thesis Option*

### **Graduate-Master's Level Taught Courses at the Hashemite University:**

- *Nursing Research Methods*
- *Health Care Delivery Systems and Policies*

- *Legal and Ethical Issues in Health Care*
- At the stage of planning for the Master's Program in Psychiatric and Mental Health Nursing at the Faculty of Nursing, I prepared the syllabi of the following Psychiatric and Mental Health Master's Courses:
  1. *Ethical and Legal and Issues in Mental Health.*
  2. *Health Care Delivery Systems and Mental Health Policy.*
- At the stage of planning for the Master's Program in a Clinical Nurse Specialist Master's Program, I prepared the syllabi of the following Leadership and Management Courses:
  1. *Nursing Leadership and Management I.*
  2. *Nursing Leadership and Management II.*
  3. *Concepts and Applications of Nursing Leadership and Management.*
- 2015-2016: Reviewed a proposal submitted for funding “Evidence-based practice competence among student nurses: A cross-country comparative study”; for a faculty member at the College of Nursing -Sultan Qaboos University.

#### **Books' Reviews:**

- 2011-2012: Reviewed the book of “Fundamentals of Nursing”- for the University of Jordan; the book was assessed for promotional purposes of faculty members.

#### **Promotions' Reviews:**

*As I am the only Professor, I was involved in all promotions at the Faculty of Nursing-The Hashemite University 2006-till now.*

- 1- 2010/2011: One promotion for a faculty member of a private university in Jordan.
- 2- 2010/2011: Two promotions for faculty members in two governmental universities in Iraq.
- 3- 2011/2012: A book (Emergency) evaluation for a promotion purpose of a faculty member of a governmental university.
- 4- 2012/2013: One promotion for a faculty member of Al-Quds university in Palestine.
- 5- 2012/2013: One promotion for a faculty member of a private university in Jordan.
- 6- 2013/2014: One promotion for a faculty member of the Department of Health Management and Policy (HMP) at the American University of Beirut.
- 7- 2013/2014: One promotion for a faculty member of Al-Quds university in Palestine.
- 8- 2014/2015: One promotion for a faculty member of Mu'tah University in Jordan/ A research paper review.
- 9- 2017/2018: One promotion for a faculty member of Qassim university in SA.
- 10- 2018/2019: One promotion for a faculty member of Irbid National University in Jordan.
- 11- 2018/2019: One promotion for a faculty member of Qassim university in SA

#### **Journals' Reviews and Editorial Boards:**

- **2017-2018:** JMJ 15630-54701-3-RV Assessment of Jordanian nurses' knowledge and attitude toward pain management.
- **2017-2018:** JMJ 16085-56012-2-RV Chest drains: Prevalence of insertion and ICU nurses' knowledge of care.
- **2016-2017:** JMJ 2063-1-4-20170522 (4): Wulff's model as a framework to evaluate the quality of nursing doctoral education.
- **2016-2017:** JMJ 15238-53415-2-RV: Patients and residents' evaluation of patient-centeredness and communication skills of physicians in Jordan University Hospital.
- **2012-2013:** JMJ-MS#51-55-2012: Pressure ulcer prevalence among hospitalized children in Jordan
- **2012-2013:** JMJ-53-55-2009: Quality of life among patients with different co-morbidity levels.
- **Starting 2010, a member of the Editorial Board of the Journal of The Scientific Society of Arab Nursing Faculties-** Association of Arab Universities.
  - **Starting May 14<sup>th</sup> 2008, a reviewer of the "Journal of Nursing Scholarship-USA".** I reviewed:
    1. JNU-05-08-141: Measuring attributes of rural hospital nursing: Survey development and testing.
    2. JNU-06-08-171: Antecedents of severe and non-severe medication errors.
    3. JNU-06-08-296: Descriptive study of student incivility: The people's republic of China.
    4. JNU-06-08-296. R1: Descriptive study of student incivility: The people's republic of China.
    5. JNU-04-09-086: Co-workers' support and job performance among Jordanian hospital nurses.
- **Starting March 2005, a member of the editorial board of the "Journal of Nursing Management- USA.** I reviewed papers such as:
  1. JNM 25 2005: Career needs, career development programs, and organizational commitment and turnover intention of nurses in Taiwan.
  2. JNM- 5- 0019: Hospital structure organization of nursing and patient perceptions of individualized nursing care.
  3. JNM- 05-0052: Male leaders in Nursing: Androgynous mix of the best leadership qualities.
  4. JNM- 06-0033: Are you ready to be a nursing leader?



5. JNM-06-0067: The Relationship between nursing leadership and patient outcomes: A systematic review.
  6. JNM-06-0084: Exploring clinical nurse manager 2s' behaviors in the delegation.
  7. JNM-06-0109: Performance assessment in health care providers: Critical review of evidence and current practice.
  8. JNM-06-0127: Nurse executive director effectiveness: A systematic review of the literature.
  9. JNM-07-0013: The nursing leaders of tomorrow: How do you identify them?
  10. JNM-07-0103: Developing nursing human capital: Does it impact turnover of registered nurses?
  11. JNM-07-0124: Generational attitudes of rural mental health nurses in Australia.
  12. JNM-07-0112.R1: Factors affecting job satisfaction of front line nurse managers: a systematic review.
  13. JNM-07- 0162: Contrasting burnout, value congruence, and knowledge transfer: differences between baby boomers and generation X.
  14. JNM-07- 0162.R1: Contrasting burnout, turnover intention, control, value congruence, and knowledge sharing: between boomers and generation X.
  15. JNM-08-0083: Work values and organizational commitment among Taiwanese nurses: the mediation effects of job involvement.
  16. JNM-08-0136: Behavior intention of the nursing staff to work according to medical procedures.
  17. JNM-08-0160: "Evaluation of staff satisfaction and self-efficacy in the Spinal Cord Unit in Turin (Italy)."
  18. JNM-10-0213: Job Satisfaction among critical care nurses in Jordan.
- Selected to review some research paper for the **Journal of Advanced Nursing**, such as:
    1. JAN-2005-0346 " Job Satisfaction: A Survey of nurses in the Republic of Ireland."
    2. JAN-2006-0827 "Quality of care in general medical and rehabilitation wards: A non-participant time sampling observation of older people (65+) receiving care in general medical and assessment, treatment, and rehabilitation wards."

3. JAN-2007-0982 “Contributing factors in medication errors: A literature review.”
  4. JAN-2007-0928.R1: "Contributing factors in medication errors: A literature review."
  5. JAN-2008-0363: Influence of safety culture on reporting of medication administration errors: A qualitative systematic review.
  6. JAN-2008-0862: Psychiatric nurse burnout associated with the organizational quality of nurse practice environments in psychiatric settings in United States general hospitals.
  7. JAN-2009-0371: Level of self-esteem, job satisfaction and burnout between general and psychiatric nursing staffs: A comparative study.
  8. JAN-2009-0716: Nursing faculty and hospital nurses' perspectives regarding their knowledge about high-alert medications
- Selected to review some research paper for the journal of **International Nursing Review**, such as:
    1. INR-471: Predictors of job satisfaction among Chinese Intensive Care nurses.
  - Selected to review some research paper for the journal of **Health Policy** such as:
    1. **In 2008**, "Addressing the human resources shortage in rural Lesotho: A qualitative study of factors associated with six-month retention of nurses and physicians."

### **Research Consultation:**

Evaluated a proposal entitled “Need assessment of home health care services in Jordan. The proposal was submitted for funding by “Scientific Research Support Fund-The Ministry of Higher Education and Scientific Research”.

### **Research Experience:**

#### **Research Interest:**

Policy Development and Analysis, Legal and Ethical Argumentative Essays, Electronic Data Collection, Standardize Languages, Nurses’ Autonomy, Medication Errors, Nurse Managers’ Actions, Patients’ Satisfaction, Quality of Care, Nurses’ Job Satisfaction and Performance, Nurses’ Retention, Patient Safety, Career Commitment, and Job Stressors and Social Support.

### ***Academic Funded Grants from The Hashemite University:***

- 1- Variables of Jordanian nurses' job satisfaction, patients' satisfaction, and quality of nursing care: A comparative study between critical care units and wards in an educational hospital. (*On 11/12/2002 for 12 months-1700 JD*). **Published**
- 2- Jordanian nurses' job satisfaction and retention [intent to stay]: A comparative study between educational and non-educational hospitals. (*On 17/3/2003 for 12 months-1520 JD*). **Published**
- 3- A shared research project with Dr. Reema Tayyem-Faculty of Allied Health Science entitled "Identification of nutritional problems in End-Stage Renal Failure (ESRF) patients who are treated with hemodialysis. (*On 10/8/2003 for 24 months-2675 JD*). **Published**
- 4- Mrayyan, M.T., & Al-Faouri, I. (2005). Job performance and career commitment of Jordanian nurses. (*On 5/5/2005 for 24 months-2500 JD*). **Published**

***Projects submitted for funding for the benefit of the Faculty of Nursing and the Hashemite University:***

1. Participated in preparing "Community-based Rehabilitation Project at the Zarqa Governorate", received 700,000 JD, from the Higher Education Project (**Prepared in the Academic year 2003-2004**).
2. Prepared a proposal of *Pediatric Educational Laboratory at the Faculty of Nursing* **Prepared in the Academic year 2002-2003 and submitted for tendering April 2008**).
3. Prepared a proposal starting a "Clinical Nursing Master Program" in the academic year 2006-2007 or 2007-2008 (**Prepared in the Academic year 2003-2004, The first cohort of 50 students was received in the academic year 2009-2010**).
4. Prepared a proposal of *Technology-assisted Computer Laboratory at the Faculty of Nursing* (**Prepared in the Academic year 2006-2007 and submitted for tendering April 2008**).
5. Participated in preparing Critical Care Laboratory at the Faculty of Nursing (**Prepared in the Academic year 2006-2007 and submitted for tendering April 2008**).
6. Participated in preparing a proposal for developing and computerized laboratories of the Faculty of Nursing. The proposal was submitted for Prince Al-Maktoum's Prize. The total requested fund was about \$1,250,000. (**Prepared in the Academic year 2006-2007**). The computer lab was established in the academic year 2009-2010 with 50 computers and state of art equipment and software.

## **Publications:**

### **Doctoral Dissertation:**

1. Mrayyan, M.T. (2004). Nurses' autonomy: Influence of nurse managers' actions. *Journal of Advanced Nursing*, 45(3), 326-336.

### **International Journals**

2. Mrayyan, M.T., & Huber, D.L. (2003). The nurse's role in changing health policy related to patient safety. *Journal of Nursing Administration's Health Care Law, Ethics, and Regulation*, 5(1), 13-18.
3. Mrayyan, M. (2003). Nurse autonomy, nurse job satisfaction and client satisfaction with nursing care: Their place in nursing data sets. *Canadian Journal of Nursing Leadership*, 16(2), 74-85.
4. Mrayyan, M.T. (2004). Perceptions of Jordanian head nurses of variables that influence the quality of nursing care. *Journal of Nursing Care Quality*, 19(3), 276-279.
5. Mrayyan, M.T., & Acorn, S. (2004). Nursing practice issues in Jordan: Student-suggested causes and solutions. *International Nursing Review*, 51(2), 81-87.
6. Mrayyan, M.T. (2005). Using the Web to trap data. *Nursing Management*, 35(10), 50-51.
7. Mrayyan, M.T. (2005). Nurse job satisfaction and retention: Comparing public to private hospitals in Jordan. *Journal of Nursing Management*, 13(1), 40-50.
8. Mrayyan, M.T. (2005). The influence of standardized languages on nurses' autonomy. *Journal of Nursing Management*, 13(3), 238-241.
9. Mrayyan, M.T. (2005). American nurses' work autonomy on patient care and unit operations. *British Journal of Nursing*, 14(17), 894-899.
10. Mrayyan, M.T., & Albaik, O.Y. (2005). The Prophet Mohammad as an effective leader. *European Journal of Scientific Research*, 1(2), 52-55.
11. Mrayyan, M.T., Obeisat, S., Shishani, K., & Khasawneh, I. (2005). The influence of organizational climate on the job satisfaction of faculty members. *European Journal of Scientific Research*, 6(3), 60-77.
12. Mrayyan, M.T. (2005). The evolution of the United States health care system: Work force composition and shifting demands. *European Journal of Scientific Research*, 5(3), 60-71.

13. Mrayyan, M.T. (2005). Complex and ethical/legal issues of confidentiality. *European Journal of Scientific Research*, 5(2), 16-26.
14. Mrayyan, M.T. (2005). Stages in the development of nurses' autonomy. *European Journal of Scientific Research*, 6(2), 28-33.
15. Mrayyan, M.T. (2006). Invest in Yourself : The Internet: Uses in administrative research and practice. *Nursing Forum*, 41(1), January-March, 41-45.
16. Mrayyan, M.T. (2006). A unit-based protocol to enhance Jordanian nurses' autonomous decision making. *Journal of Nursing Management*, 14(5), 391-396.
17. Mrayyan, M.T. (2006). Jordanian nurses' job satisfaction, patients' satisfaction, and quality of nursing care. *International Nursing Review*, 53(3), 224-230.
18. Mrayyan, M.T. (2007). Nursing practice problems in private hospitals in Jordan: Students' perspectives. *Nursing Education in Practice*, 7(2), 82-87.
19. Mrayyan, M.T., Shishani, K., & Al-Faouri, I. (2007). Rate, causes and reporting of medication errors in Jordan: Nurses' perspectives. *Journal of Nursing Management*, 15(6), 659-670.
20. Mrayyan, M.T. (2007). Jordanian nurses' job satisfaction and intent to stay: Comparing teaching and non-teaching hospitals. *Journal of Professional Nursing*, 23(3), 125-136.
21. Hamaideh, S., Mrayyan, M.T., Mudallal, R., Al-Faouri, I., & Khasawneh, M.A. (2008). Jordanian nurses' job stressors and social support. *International Nursing Review*, 55(1), 40-47.
22. Mrayyan, M.T., & Al-Faouri, I. (2008). Career commitment and job performance of Jordanian nurses. *Nursing Forum*, 43(1), 24-37.
23. Tayyem, R., & Mrayyan, M.T. (2008). Assessing the prevalence of malnutrition in chronic kidney disease patients in Jordan. *Journal of Renal Nutrition*, 18(2), 202-209.
24. Mrayyan, M.T., Modallal, R., Awamreh, K., Atoum, M., Abdullah, M., & Suliman, S. (2008). Readiness of organizations for change, motivation and conflict-handling intentions: Senior nursing students' perceptions. *Nursing Education in Practice*, 8(2), 120-128.
25. Mrayyan, M.T., & Al-Faouri, I. (2008). Predictors of career commitment and job performance of Jordanian nurses. *Journal of Nursing Management*, 16(3), 246-256.
26. Mrayyan, M.T. (2008). Hospital organizational climates and nurses' intent to stay: Differences between units and wards. *Contemporary Nurse*, 27(2), 223-236.

27. Mrayyan, M.T., & Khasawneh, I. (2008). Investigating and profiling the leadership behaviours of Jordanian nursing leaders. *British Journal of Nursing*, 17(9), 601-608.
28. Mrayyan, M.T. (2008). Predictors of hospitals' organizational climates and nurses' intent to stay in Jordanian hospitals. *Journal of Research in Nursing*, 13(3), 220-233.
29. Mrayyan, M.T., & Al-Faouri, I. (2008). Nurses' career commitment and job performance: Differences between intensive care units and wards. *Journal of Research in Nursing*, 13(1), 38-51.
30. Tayyem, R., Mrayyan, M.T., Heath, D., & Bawadi, H. (2008). Assessment of nutritional status among ESRD patients in Jordanian hospitals. *Journal of Renal Nutrition*, 18(3), 281-287.
31. Mrayyan, M.T., & Al-Faouri, I. (2008). Nurses' career commitment and job performance: Differences across hospitals. *Nursing Leadership (Canadian Journal of Nursing Leadership (CJNL))*, 21(2):e101-117.
32. Alkhasawneh, I., Mrayyan, M., Docherty, C., Al-Ashram, S., & Yousef, H. (2008). Problem-Based Learning (PBL): Assessing students' learning preferences using VARK. *Nurse Education Today*, 28(5), 572-579.
33. Mrayyan, M.T. (2009). Job stressors and social support behaviors: Comparing intensive care units to wards in Jordan. *Contemporary Nurse*, 31(2), 163-175.
34. Mrayyan, M.T., & Hamaideh, S. (2009). Clinical errors, nursing shortage, and moral distress: The situation in Jordan. *Journal of Research in Nursing*, 14(4), 319-330.
35. Mrayyan, M.T. (2009). Differences of hospitals' organizational climates and nurses' intent to stay: Nurses' perspectives. *Journal of Research in Nursing*, 14(5), 465-477.
36. Ammouri, A., Neuberger, G., Mrayyan, M.T., & Hamaideh, S. (2011). Perception of risk of coronary heart disease among Jordanians. *Journal of Clinical Nursing*, 20(1-2), 197-203.
37. Mrayyan, M.T., & AL-Atiyyat, N. (2011). Medication errors in university-affiliated teaching hospitals as compared to non- university affiliated teaching hospitals in Jordan. *Nursing Forum*, 46(4), 206-217.
38. Mrayyan, M.T. (2012). Reported incidence, causes, and reporting of medication errors in teaching hospitals in Jordan: A comparative study. *Contemporary Nurse*, 41(2), 216-232.
39. Badr Naga, B.S.H., & Mrayyan, M.T. (2013). Chemotherapy spill management policy: Policy analysis. *Middle East Journal of Nursing*, 7(2), 9-21. <http://www.me-jn.com/April2013/Policy.pdf>

40. Al-Hamdan, Z., Bawadi, H., & Bawadi, H., & Mrayyan, M.T. (2013). Nurse managers' actions (NMAs) scale to promote nurses' autonomy: Testing a new research instrument. *International Journal of Humanities and Social Science*, 3(8), 271-278.
41. Badr Naga, B.S.H., & Mrayyan, M.T. (2013). Legal and ethical issues of euthanasia: Argumentative essay. *Middle East Journal of Nursing*, 7(5), 31-39. <http://www.me-jn.com/October2013/EUTHENASIA.pdf>
42. Abdalrahim, A.A., & Mrayyan, M.T. (2014). Argumentative paper: Physical restraint. *Middle East Journal of Psychiatry and Alzheimer*, 5(2), 6-12. <http://www.me-jpa.com/WEB/July%202014/Restraint.htm>
43. Salim, A. S. N., & Mrayyan, M.T. (2014). Chemotherapy spills management policy. *Middle East Journal of Nursing*, 8(4), 19-25. <http://www.me-jn.com/November2014/SPILLS.pdf>
44. Tuffaha, M. G. H., & Mrayyan, M.T. (2014). Chemotherapy safe handling: Policy analysis. *Middle East Journal of Nursing*, 8(4), 26-31. <http://www.me-jn.com/November2014/POLICY.pdf>.
45. Albtoosh, L.A. & Mrayyan, M.T. (2014). Policy analysis paper: Do Not Resuscitate (DNR) policy. *Social Science Research Network* .Available at SSRN: <http://ssrn.com/abstract=2396465> or <http://dx.doi.org/10.2139/ssrn.2396465>
46. Al Azzam, H., & Mrayyan, M. (2015). Children predictive genetic test for hereditary cancer: A position statement. *International Journal of Sciences: Basic and Applied Research (IJSBAR)*, 21(1), 234-240. <http://gssrr.org/index.php?journal=JournalOfBasicAndApplied&page=article&op=view&path%5B%5D=3557&path%5B%5D=2201>.
47. Abu Khait, A., Mrayyan, M. (2015). Minimization of Physical Restraint and Avoiding Breach of Autonomy's Right Among Patients with Dementia . Available at SSRN: <https://ssrn.com/abstract=2628595>
48. Khader, M. M., & Mrayyan, M. T. (2015). The use of palliative sedation for terminally ill patients: Review of the literature and an argumentative essay. *Journal of Palliative Care & Medicine*, 5(4): 226. doi:10.4172/2165-7386.1000226. Available at: <http://www.omicsgroup.org/journals/the-use-of-palliative-sedation-for-terminally-ill-patients-review-of-the-literature-and-an-argumentative-essay-2165-7386-1000226.pdf>
49. Hamdan, W.M., & Mrayyan, M.T. (2015). The use of seclusion for psychiatric inpatients: Legal and ethical argumentation. *Middle East Journal of Psychiatry and*

*Alzheimers*, 6.2(1), 23-28. Available at: <http://www.mejpa.com/WEB/November2015/ProSeclusion.htm>

50. AlKhalili, B.B., & Mrayyan, M.T. (2016). Gender selection: A position statement. *Advances in Life Science and Technology*, 40, 36-39. Available at: <http://iiste.org/Journals/index.php/ALST/article/view/28002>
51. Awwadi, M.A., & Mrayyan, M.T. (2016). Opponents and proponents' views regarding palliative sedation at end of life. *Journal of Palliative Care & Medicine*, 6(1): 242. doi:10.4172/2165-7386.1000242. Available at: <http://www.omicsgroup.org/journals/opponents-and-proponents-views-regarding-palliative-sedation-at-end-oflife-2165-7386-1000242.php?aid=66887>
52. Al-Masri, B., & Mrayyan, M.T. (2016). Do Not Resuscitate (DNR) order among terminally ill patients with cancer: A position statement. *Journal of Biology, Agriculture and Healthcare*, 6(6), 17-23. Available at: <http://www.iiste.org/Journals/index.php/JBAH/article/view/29500>
53. Sa'id, A.N., & Mrayyan, M. (2016). Do Not Resuscitate: An argumentative essay. *Palliative Medicine & Care: Open Access*, 6(2). Available at: <https://www.omicsonline.org/open-access/do-not-resuscitate-an-argumentative-essay-2165-7386-1000254.pdf>
54. Abdeljawad, R., & Mrayyan, M.T. (2016). The use of physical restraint: An argumentative essay. *European Scientific Journal*, 12(9), 433-438. Available at: <http://eujournal.org/index.php/esj/article/view/7211/6944>
55. Al Hamarsheh, M.K., & Mrayyan, M.T. (2017). Euthanasia for End Stage Cancer Patients: A Right to Die? A Policy Brief. *IOSR Journal of Nursing and Health Science (IOSR-INHS)*, 6(1), 17-20. Available at: <http://iosrjournals.org/iosr-jnhs/papers/vol6-issue1/Version-5/D0601051720.pdf>
56. Khader, A.T.A., & Mrayyan, M. (2017). Euthanasia for Children with Cancer: A Policy Brief. *IOSR Journal of Nursing and Health Science (IOSR-INHS)*, 6(1), 111-113. Available at: <http://www.iosrjournals.org/iosr-jnhs/papers/vol6-issue1/Version-5/O060105111113.pdf>
57. Burghal, M. H, & Maryyan, M. (2017). Do Not Resuscitate (DNR) Argumentative Essay. *Clinical & Medical Biochemistry*, 3(2), 136. Available at: <https://www.omicsonline.org/open-access/do-not-resuscitate-dnr-argumentative-essay-2471-2663-1000131.pdf>
58. Al Hamarsheh, M.K., & Mrayyan, M.T (2018). Cancer Patients Who Elect Euthanasia as an Option: An Argumentative Essay. *Middle East Journal of Cancer*, 9(3), 171-176. Available at: <http://mej.c.sums.ac.ir/index.php/mejc/article/view/640>



59. Al Dameery, K., & Mrayyan, M.T (2018). “Work place violence: A “zero tolerance” policy brief”. *Euromediterranean Biomedical Journal (EMBJ)*, 13(16), 078–079. Available at: <https://eis.hu.edu.jo/deanshipfiles/pub10326102580.pdf>
60. Mrayyan, M., Al Azzam, H., Al Omari, O., & Al Dameery, K. (2019). A position statement about predictive genetic testing among children. *Nursing Children and Young People*, 31(6), 39-41. doi: 10.7748/ncyp.2019.e1205. Epub 2019 Sep 4.
61. Mrayyan, M. T. (2019). Nurses’ views on hospital organizational characteristics. *Nursing Forum*, 54(4), 650–660. Available at: <https://onlinelibrary.wiley.com/doi/10.1111/nuf.12390>. Epub 2019 Sep 23 at: <https://doi.org/10.1111/nuf.12390>.
62. Mrayyan, M. T. (2020). Nurses’ views of organizational readiness for change. *Nursing Forum*, 55(2) 83-91. Available at: <https://onlinelibrary.wiley.com/doi/abs/10.1111/nuf.12393> Epub 2019 Sep 30 at: <https://doi.org/10.1111/nuf.12393>.
63. Mrayyan, M.T., & Shawish, M. (2020). Prophylactic mastectomy and salpingo-oophorectomy: Ethics and a policy. *Middle East Journal of Cancer*, 11(1), 114-119. Available at: [https://mej.sums.ac.ir/index.php/mejc/article/download/113/article\\_45961\\_fca7405f6fc5577f2e2439b8bce9d860.pdf](https://mej.sums.ac.ir/index.php/mejc/article/download/113/article_45961_fca7405f6fc5577f2e2439b8bce9d860.pdf)
64. Al Azzam, H., Mrayyan, M. T., & Al Dameery, K., Al Omari, O. (2020). Predictive genetic testing for hereditary cancers in children: An argumentation. *Journal of Comprehensive Pediatrics*, 11(1), e89015, 1-5. doi: 10.5812/compreped.89015. Epub 2019 Nov 30.
65. Karajeh, A., & Mrayyan, M.T. (2020). Psychiatric electronic health records privacy: A policy brief. *International Journal of Nursing Sciences*, 7(1), 112-115. <https://doi.org/10.1016/j.ijnss.2019.12.002>. Epub 2019 Dec 10. (Scopus and ISI Emerging-3 Points).
66. Suliman, M., & Almansi, S. Mrayyan, M., Bashtawi, M., & Aljezawi, M. (2020). Effect of nurse managers' leadership styles on predicted nurse turnover. *Nursing Management*, 27(5), 23-28, <https://10.7748/nm.2020.e1928>.
67. Abu-Baker, R., & Mrayyan M. T. (2020). Investigation on abortion: Legal and ethical argumentations. *Eurasian Journal of Biosciences*, 14(2), 4513-4517. <http://www.ejobios.org/article/investigation-on-abortion-legal-and-ethical-argumentations-8110>.

68. Mrayyan, M.T., Al-Rawashdeh, S., & Al-Omary, H. (2021). Nurses' job stressors and social support behaviors: Comparing governmental, teaching, and private hospitals in Jordan. *Nursing Forum*, 1- 9. <https://doi.org/10.1111/nuf.12527>

### **Local Journals at Governmental Universities and Arab Journals**

1. Mrayyan, M.T., Al-Omary, O., & Saber, A., (2004). Jordanian families' attitudes toward Thalassaemia and genetic counseling. *The Medical and Biologic Journal "Dirasat", The University of Jordan*, 31(1), 67-73.
2. Petro, W.N., Mrayyan, M.T., & Abu Idhail, J. (2004). Cigarette smoking behavior of students in an Arab university. *The Medical and Biologic Journal "Dirasat", The University of Jordan*, 31(1), 17-26.
3. Mrayyan, M.T. (2004). Patients' satisfaction with nursing care in a Jordanian teaching hospital. *Medical and Biological Sciences Journal of "Dirasat" at the University of Jordan*, 31(2), 91-102.
4. Mrayyan, M.T., Obeisat, S., Shishani, K., & Khasawneh, I. (2006). The perceived roles of nursing deans in supporting organizational climates and promoting faculty members' job satisfaction. *Jordan Medical Journal, The University of Jordan*, 40(3), 148-160.
5. Mrayyan, M.T. (2007). Nurses' job satisfaction in a private teaching hospital in Jordan. *Al-Manarah for Research and Studies, AL al-Bayt University*, 13(6), 101-124.
6. Shishani, K., & Mrayyan, M.T. (2007). Risk factors for medication errors among chronically ill adults. *The University of Sharjah Journal of Pure and Applied Sciences*, 4(2), 95-109.
7. Tayyem, R., & Mrayyan, M.T. (2007). Malnutrition and anthropometric and biochemical abnormalities in end stage renal disease patients. *Saudi Medical Journal*, 28(10), 1575-1581.
8. Mrayyan, M.T., Shishani, K., Faouri, I., & Ammouri, A. (2008). Nurses' perceptions of medication errors in Jordan. *Jordan Medical Journal, The University of Jordan*, 42(2), 94-105.
9. Hamaideh, S., Mrayyan, M.T., Mudallal, R., Ammouri, A., Khraisat, O., Nashwan, A., & Al-Nami, O. (2009). Nurses' autonomy: Comparative study between American and Jordanian Registered Nurses. *Jordan Medical Journal, The University of Jordan*, 43(4), 308-315.
10. Mrayyan, M.T., Awamreh, K. (2010). Organizational traits of specialized units as compared to general wards in Jordanian hospitals. *Jordan Medical Journal*, 44(1), 61-71.

11. Mrayyan, M.T., Mudallal, R., & Hamaideh, S. (2010). Differences of hospitals' organizational traits in Jordan: Nurses' perspectives. *Jordan Medical Journal*, 44(2), 164-174.

### Submitted for Publication

Karajeh, A., & Mrayyan, M.T. ( ). Physical restraints: Ethical and legal argumentation. Submitted on Dec. 4th 2020 to the *International Journal of Nursing Practice*. (Scopus Q2 and ISI 1.3..4 Points).

Ababneh, A., & Mrayyan, M. (Equally) ( ). A policy brief about mandatory fecal occult blood test. To be submitted to *Oman Medical Journal* on November 21<sup>st</sup> 2020 (Scopus, Q1)

Gogazeh, A. A., Mrayyan, M. T., Kamal, A. D. ( ). Using of placebos for pain management among patients with cancer. Submitted to *Asian Nursing Research* on Oct 30th 2020.???

Mrayyan, M., & Ababneh, A. (Equally) ( ). Legal and ethical opponents and proponents of physician- assisted suicide for terminally ill patients. To be submitted to *African Health Sciences* on June 15<sup>th</sup> 2020 (ISI and Scopus 4 Points)???

Abu-Baker, R., & Mrayyan, M. (Equally) ( ). A position statement on abortion. Submitted on Jan 31<sup>st</sup> 2020 to *Central European Journal of Nursing and Midwifery* on Feb 6th 2020. *Early Science and Medicine* (Scopus and ISI 4 Points), rejected on Feb 3<sup>rd</sup> 2020.????

Mrayyan, M.T., AL-Atiyyat, N., Ashour, A., Alshraifeen, A., Al-Rawashdeh, S., Sawalha, M., Abo Khait, A., Sayaheen, M., & Odeh, M. ( ). Nurses' Perceptions of the Obstacles and Supportive Behaviors of End of Life Care in Intensive Care Units. Submitted by Dr. Nijmeh to *Clinical Nursing Research* on August 21, 2019 (ISI and Scopus), then to *Journal of the Intensive Care Society* on October 3rd 2019 .

Mrayyan, M.T., AL-Atiyyat, N., Sawalha, M., Al-Rawashdeh, S., & Awwad, M. ( ). Comparing Rates and Causes of, and Views on Reporting of Medication Errors among Nurses Working in Different Sized Hospitals. Submitted to *Nursing Forum* on Dec 11<sup>th</sup> 2020., accepted with major changes on January 3<sup>rd</sup> 2021.

Obaid, A., Mrayyan, M., & Alnajjar, M. ( ????? ). Placebo use in pain management: An argumentative essay. Submitted by *Malik Alnajjar* to *Patient Education and Counseling* on Feb 24<sup>th</sup> 2020.

### To be Submitted Soon

Brezat, O., & Mrayyan, M. ( ). The "never events" policy: A policy brief. Submitted to by *Obaida Brezat* to the *Journal of Research in Nursing* on April 30<sup>th</sup> 2018.

Mrayyan, M., & Shawish, M. ( ). Risk-reducing salpingo-oophorectomy: A policy brief. Submitted by *Marwan Shawish* to the *Journal of Clinical Nursing* Nov 24<sup>th</sup> 2018.

Shawish, M., & Mrayyan, M. ( ). Risk-reducing salpingo-oophorectomy: Proponents and opponents.

Abu Khait, A., & Mrayyan, M. ( ). Ethical and legal issues of use physical restraint in Dementia care: An argumentative discussion. Submitted to *Journal of Applied Gerontology* on Dec 6<sup>th</sup> 2018. (ISI and Scopus 4 Points), rejected.

### **Research Papers in Progress:**

Mrayyan, M. T. ( ). The Clinical Leadership Needs Analysis (CLeeNA) for nurses.

Mrayyan, M. T. ( ). Clinical leadership in nursing: Attributes, skills, and actions.

Mrayyan, M. T. ( ). Authentic leadership and safety climate.

Mrayyan, M. T. ( ). Correlates and predictors of work stressors and social support behaviors among hospital nurses.

AlKhalili, B.B., & Mrayyan, M.T. (Equally) ( ). Should parents be allowed to select the gender of their children? A position statement.

Al-Masri, B., & Mrayyan, M.T. (Equally) ( ). Should terminally ill cancer patients be allowed to select the Do Not Resuscitate (DNR): A position statement.

AL-Dawahreh, A., & Mrayyan, M.T. (Equally) ( ). Prophylactic mastectomy: A position statement.

Mrayyan, M.T., & AL-Dawahreh, A. (Equally) ( ). Euthanasia: An argumentative essay.

Shdaifat, O., & Mrayyan, M. ( ). The confidentiality of electronic health records: A policy brief.

### **Research with Doctoral Students:**

**2014-2015:** The advisor of the dissertation of the Doctoral Student "Ali Qurneh" at The University of Jordan –Faculty of Nursing. His dissertation is entitled “*Effects of Implementing Adult Trauma Clinical Practice Guidelines (ATCPGs) on Outcomes of Trauma Patients and Healthcare Providers in the Emergency Department of A Teaching Hospital.*”

**2013-2014:** An external examiner of the dissertation of the Doctoral Student "Majeda Alruzzieh" at The University of Jordan –Faculty of Nursing. Her dissertation is entitled “*The Effect of Implementing a Transformational Leadership Educational Program on Leadership Behaviors among First Line Nurse Managers in Jordanian Private Hospitals.*”

**2013-2014 to 2014-2015:** *An external examiner of the dissertation of the Doctoral Student "Sumaya Mohammed" at The University of Jordan –Faculty of Nursing. Her dissertation is entitled “The Relationships between Nursing Practice Environment, Job Satisfaction, and Retention among Acute Care Hospital Nurses in Sharjah and the North Emirates.”*

**2102-2013 to 2014-2015:** *An external examiner of the dissertation of the Doctoral Student "Najah AlAbbadi " at The University of Jordan –Faculty of Nursing. Her dissertation is entitled “Nurse Caring Behaviors as Perceived by Nurses and Patients and its Relationships with Patients’ Satisfaction.”*

**2012-2013 and 2013-2014:** *An external examiner of the dissertation of the Doctoral Student "Attalah Habehbeh" at The University of Jordan –Faculty of Nursing. His dissertation is entitled “Effect of Surgical Safety Educational Program on Operating Room Nurses’ Attitudes toward Patient Safety Culture in Military Hospitals.”*

**2012-2013 and 2013-2014:** *An external examiner of the dissertation of the Doctoral Student "Omar Khraisat" at The University of Jordan –Faculty of Nursing. His dissertation is entitled “Nursing Perceptions of Knowledge, Barriers, and Facilitators to Pediatric End-of-Life Care that Predict Quality of Care.”*

**2011-2012 and 2013-2014:** *An external examiner and committee member of the dissertation of the Doctoral Student "Randa Habahbeh" at The University of Jordan –Faculty of Nursing. Her dissertation is entitled “The Relationships between Jordanian Nurses’ Perceptions of their Work Environment and the Level of Intent to Stay at Work.”*

**2007/2008-2010/2011-2011/2012:** *The co-advisor of the Doctoral Student "Hiyam A'araj" at The University of Jordan –Faculty of Nursing starting April 24<sup>th</sup> 2008. Her dissertation is entitled "The Relationships between Leadership Behaviors, Organizational Climates and Job Satisfaction among Hospital Registered Nurses in Jordan."*

**2010/2011:** *A committee member and an external examiner of the dissertation of the Doctoral Student "Imad Al-Jarrah" at The University of Jordan –Faculty of Nursing starting April 2011. His dissertation was entitled "Smoking Patterns and Factors Associated with Cardiovascular Diseases (CVDs) in Jordan."*

**2009/2010:** *A committee member and an external examiner of the dissertation of the Doctoral Student "Andaleeb Abu Kamel" at The University of Jordan –Faculty of Nursing starting January 2010. Her dissertation was entitled "Depression and Caregiver' Burden Experienced by Stroke Patients' Caregivers."*

**2008/2009:** *A committee member and an external examiner of the dissertation of the Doctoral Student "Diala Al-Tawalbeh" at The University of Jordan –Faculty of Nursing starting March 2009. Her dissertation was entitled "Quality of Life and Sexual Function of Jordanian Women Diagnosed with Breast Cancer."*

**2008/2009:** *A committee member of the dissertation of the Doctoral Student "Muraad Al-Khalaileh" at The University of Jordan –Faculty of Nursing starting March 2009. His dissertation was entitled "Jordanian Nurses' Perceptions of their Preparedness for Disaster Management."*

**Research with Master's Degree Students:**

**2014/2015:** An external examiner of Master's Thesis of "Hilal Abughanim" at The Jordan University of Science and Technology, May 2015. The title of the thesis was "*The Impact of Nursing Autonomy on Clinical Decision Making among Jordanian Critical Care Nurses*".

**2014/2015:** An external examiner of Master's Thesis of "Nisreen Al-Khatib" at The Jordan University of Science and Technology, April 2015. The title of the thesis was "*The Relationship between Work Ability, Job Satisfaction and Shift Work among Hospital Nurses in Jordan*".

**2012-2015:** Many research papers were published for Master Students in the Specialization of Oncology Nursing and Psychiatric and Mental Health Nursing at the Hashemite University.

**2011-2012:** Help the Master student in Psychiatric and Mental Health Nursing to publish two papers about "Abortion Policy Analysis" and "Abortion among Jordanian incest pregnancies. Argumentative Essay" in Middle East Journal of Nursing, September 2012, Volume 6, Issue 5.

**2009-2012:** Supervising too many proposals on Master Students in the Specialization of Oncology Nursing and Psychiatric and Mental Health Nursing at the Hashemite University, and too many others in the University of Science and Technology, particularly in Nursing Leadership and Management.

**2011/2012:** An external examiner of Master's Thesis of "Lina Abbas" at The Jordan University of Science and Technology, Jan 2012. The title of the thesis was "*Role Transition from Student to Professional Nurse among Newly Employed Bahraini Nurses at Ministry of Health*".

**2010/2011:** The advisor of Master's Student "Shaheera Al-Mansi" at The Jordan University of Science and Technology. Her thesis is entitled "*The Effect of Registered Nurses' (RNs) Perceptions of their Nurse Managers' and its Effect on RNs' Anticipated Turnover in Jordanian Hospitals.*"

**2010/2011:** The advisor of Master's Thesis of "Wisal Ajlouni" at The Jordan University of Science and Technology. Her thesis is entitled "*Attitudes and Knowledge of Registered Nurses (RNs) toward Implementing Evidence-Based Practice (EBP) in Jordan.*"

**2009/2010:** An external examiner of Master's Thesis of "Alaa Bashayreh" at The Jordan University of Science and Technology, Dec 2009. The title of the thesis was "*The Relationships between Safety Climate, Teamwork, and Intent to Stay among Jordanian Hospital Nurses*".

**2007/2008:** An external examiner of Master's Thesis of “Ali Al-Asmar” at The Jordan University of Science and Technology, April 2008. The title of the thesis was “*Workplace Violence Against Hospital Nurses in Jordan: An Exploratory Study.*”

**2004/2005:** An external examiner of Master's Thesis of “Reem Mohd Abed Al-Jaleel” at The University of Jordan –Faculty of Agriculture-Nutrition Department, August 2005. The title of the thesis was “*Comparisons of Food and Nutrient Intake between Cigarette Smokers and Non-Smokers among Jordanian Male Students in The University of Jordan.*”

**2003/2004:** An external examiner of Master's Student “Sultan Mahmoud Mosleh” at The Jordan University of Science and Technology, May 2004. The title of the thesis was “*The Relationship between Social Support and Perceived Comfort of Jordanian Patients with CABG.*”

### **Research Papers with Undergraduate Students:**

**2004/2005:** *Nursing Staff Turnover at the Intensive Care Unit.* Done by Hanadi Abu Ras, Asma'a Al-Dasouqi, and Wafa'a Othman.

**2004/2005:** *Nurses' turnover in the Intensive Care Units,* Fourth-year students 2004-2005. Done by Amani Mahdee, Haleemah Ali, Khireya AL-Kilani, and Rawan Othman.

### **2003/2004:**

1. *Solutions of job dissatisfaction in nursing would affect nursing turnover.* With Ammar Arouri, Ahmad Abdulhak, Fadi Allatayfeh, Ali Ananzeh, and Baha'a Qa'sdan.
2. *Job burnout in the recovery rooms in Jordan hospital.* With Aisha Omar, Basima Salih, Laila Al-Jabiri, & Maha Arabiat.
3. *Turnover, reasons, solutions in relation to autonomy and job satisfaction.* With Khali Mohammad & Mohammad Abu Ghazal.
4. *The nursing shortage.* With Reem Sirrieh, Ena'am Hamad, & Nour Omar.
5. *Nursing shortage as a global problem.* With Lina Hussein, Abeer Al-Shalabi, Khitam Ayish, & Kamelia Kamil.
6. *Infection control among Jordanian nurses at Al-Khaldi hospital.* With Mohammad Nofel, Murad Ahmad, Rami Abed-Al-Halem, Mohammad Sha'aban, Arafat Abu Arqoub.
7. *Infection control in Jordan hospital.* With Mazin Abu-Hdaib, Ahmad Jamil, Othman Foud, & Jamal Shararah.
8. *Strengthening a public hospital.* With Mohammad Senan, Shadi Jabir, Tariq Al-Ghool, Waleed Al-Momani, & Hayyaf Khattar.

9. *Job Dissatisfaction at Al-Bashir hospital.* Mayes Mohammad, Sajidah Al-Bawab, & Nariman.
10. *The nursing shortage.* With Mohammed Awwad, Ahmad Fahmi, Majdi Saleh, Feras Mohammad, Yasmeeen Mohammad, & Mohammad Mousa. Mohannad Al-Sabti, Mohammad Safi, & Muna Al-Momani, Wafa'a Hasan, Amal Ali, Farah Medhat, & Samhan Hussein, Mazin Al-Masri, Mahmoud Abu-Alan, Saleh Al-Rabee, & Radi Al-Rawashdeh.
11. *Stress and burnout among nurses at an educational hospital.* With Amal Al-Jabiri and Asma'a Al-Inooz.
12. *Job stress among staff nurses of Critical Care Units at King Abdullah University Hospitals.* With Amer Massadeh, Samir Khatatbah, Adnan Shdaifat, & Ahmad Tawalbeh.
13. *Communication with Critically ill patients.* With Mohammad Al-Rawashdeh, Mohammad Majid, & Ali Al-Giam.
14. *Practice issues of private hospitals in Jordan.* Fourth-year students 2003-2004.

#### **2002/2003:**

1. *A clinical issue: Nurses' burnout.* With: Suheir Abudallah, Nuha Al-Nidi, Deema Al-Ramawi, Iman Al-Mashoukhi, Leham Al-Ilwan, & Dalal Idainat.
2. *Burnout: A clinical practice issue in Jordan.* With: Ahmad Awad, Ahmad Saber, Hani Suliman, Mohammed Jamil, Mohammed Safadi, & Omar Omari.
3. *Jordanian nurses' turnover.* With: Tagreed Nael Salman, Rasha Ibraheem Ahmad, Esra Ahmad Hassan, Liali Mohammed, & Eman Mohammed Tommalieh.
4. *Unclear job description: A clinical nursing practice issue in Jordan.* With: Ali Hani Mohammad Jaber, Khaled Hassan Abu-Hatab, Moaiad Abu Ahmadah, Omar Yousef AL-Baik, Rami Mohammad Mussallam, & Suhaib Talafha.

#### **Other Research Activities:**

- 2005-2006 and 2006-2007: Participated with a group of scholars at HU to prepare a proposal for "*The Center of Social Work.*" This project aims at qualifying social workers in Jordan.
- 2003-2004- till now: Participated in refining and presenting a proposal titled as *Community-based Rehabilitation (CBR) center for Disabled Children in the Zarqa Governorate.* This project was presented to the HU's president and representatives from



USAID. This project was originally developed by a team of professors at the Hashemite University including the Dean of the Faculty of Nursing.

- 2002-2003: Worked closely with nursing students who work in three groups to develop initial research manuscripts *about infection control in Jordanian hospitals and assessing the pollutant in Zarqa governorate*. Two of those research studies were submitted to a National Committee in Lebanon. The research entitled: The pollutant of Zarqa governorate was selected as a “**Well-Written**” research project.
- Reviewed many proposals for faculty members before their submission to the Deanship of Academic Research.

### **Organizational Membership:**

- June 10th 2017, a member of the Association of Jordanian Women Academics.
- January 2017, a member of the Higher Education Teaching and Learning(HETL)-Linkedin Group by the International Higher Education Teaching and Learning (HETL.ORG) Association, which is a non-profit organization and a global online professional learning community of educators whose vision is to transform teaching and learning around the world.
- April 6th 2016, joint the Honor Society of Nursing, Sigma Theta Tau International-Jordan.
- December 8<sup>th</sup> 2009, a member of the *Arab Scientific Council of Nursing Specialty*, nominated by the Ministry of Health.
- 2008-2011, a member of *the Executive Committee of The Scientific Society of Arab Nursing Faculties- Association of Arab Universities*.
- Starting 2010, a member of the *Editorial Board of the Journal of The Scientific Society of Arab Nursing Faculties- Association of Arab Universities*.
- Starting January 2006, a member of the "Academician Committee" at the Jordanian Nurses and Midwives Council.
- May 5th 2008, joint the Honor Society of Nursing, Sigma Theta Tau International/Gamma Chapter-USA.
- Since 1992, a member of the Jordanian Nurses and Midwives Council.
- 2006-2008, a member of the Jordanian Nursing Council.
- Starting March 2005, a member of the international editorial board of the "Journal of Nursing Management".

## Courses, Conferences, and Workshops:

### Comprehensive Courses Taken:

- Januray 24<sup>th</sup> 2021, online course about OneNote-Microsoft Teams.
- Januray 24<sup>th</sup> 2021, online course about Windows 10 for Education.
- Januray 2021, self-learning of the tiny detailes of Moodle Cloud Learning System.
- Januray 2021, self-learning of the tiny detailes of Office 365 (teacher to teacher (teacher to student) and the keys of Office 365.
- 2019-2021, including a graduate-level course (Legal and Ethical Issues in Health Care and Health Care System and Policies) and three undergraduate-level courses (Clinical Leadership, Clinical Practicum, and Communication Skills), on the Second Semester (Hybrid) and Summer (Totally Online) 2019-2020: Self-taught **online interactive courses hosting using Microsoft Teams, Skype, Zoom**, and many other software needed for hosting such courses. Skills gained include creating online exams and assignments using Microsoft teams and forms and google forms as well as evaluation using google forms.
- Online Course: Has been awarded the certificate for completing the following course: *MIE Teacher Academy using Microsoft Teams, Staying connected with remote learning through Microsoft Teams and Office 365-Advanced* (Instructor-led training) on November 23<sup>rd</sup> 2020.
- Online Course: Has been awarded the certificate for completing the following course: *MIE Teacher Academy using Microsoft Teams, Staying connected with remote learning through Microsoft Teams and Office 365-Basic* (Instructor-led training) on November 22<sup>nd</sup> 2020. Certified then as “*Certified Microsoft Innovative Educator*”.
- Online Course: Has been awarded the certificate for completing the following course: *Track It, Quiz It, Flip It, Try It, Staying connected with remote learning through Microsoft Teams and Office 365, Keeping students engaged: Building strong student/teacher connections in a remote learning environment* (Instructor-led training) on May 18<sup>th</sup> 2020.
- Online Course: Has been awarded the certificate for completing the following course: *Keeping students engaged: Building strong student/teacher connections in a remote learning environment* on May 18<sup>th</sup> 2020.
- Online Course-6 Wks: *The Science of Healthcare Safety*-John Hopkins-School of Nursing by Dr. Cheryl Dennison Himmelfarb, RN, ANP, Ph.D., FAAN, Dr. Peter J. Pronovost, MD, Ph.D., FCCM on October 2013.

- Online Course-5 Wks: *Understanding Research: An Overview for Health Professionals-* University of California San Francisco-School of Nursing by Dr. Abbey Alkon, RN, PNP, Ph.D. on August 2014.
- May 11<sup>th</sup>-22<sup>nd</sup>, 2008, participated in a Training Course "*Blackboard, Elluminate, Tegrity, Lectora*" held at the Hashemite University.
- January 21<sup>st</sup>- February 10<sup>th</sup>, 2007, participated in a *Training Course about Social Work at Brunel University and Reading University, United Kingdom.*"
- Participated in the two-month workshop about *E-learning* during the summer of 2002-2003; July 13<sup>th</sup>–Sept 4<sup>th</sup> 2003.
- Various skills needed to build and host *Online Courses* at The Hashemite University during Sept 2002; July and August 2003.
- “*Academic Preparation for Faculty Members*”, Sept 22<sup>nd</sup> -26<sup>th</sup> 2002”
- *Word 2000: Tables* at The University of Iowa, Sept 21<sup>st</sup> 2001.
- Various courses in *Dreamweaver, FrontPage, Access, Minitab, and SPSS* as a Doctoral Student at The University of Iowa, Jan 2000- May 2002. Short term courses in *Access, Excel, and SPSS* during the summer of 2001 while preparing my dissertation electronic questionnaire in Jordan and The University of Iowa before hosting the electronic questionnaire on the website of The University of Iowa.
- *Comprehensive Computer Course*, 60 training hours, at The Hashemite University, Oct 23<sup>rd</sup> 1999 to Nov 20<sup>th</sup> 1999.
- *MS. DOS 6.2, Windows 3.11, WinWord 6.0, Excel 5.0.*, Zajil Engineering Corporation, 28 training hours, Jan 28<sup>th</sup> to Feb 14<sup>th</sup> 1996.
- *Cardiac Surgery Post Operative Care Course-* 7 theoretical hours- Jordan University Hospital, 1995.

### **Participation in Conferences:**

April 2<sup>nd</sup> 2015, participated in a conference held in the Zaytoonah University Nursing Conference ‘Nursing A Core of Best Practice. “Al Azzam, H., Mrayyan, M., & Al Saraireh S., (2015). Children predictive genetic testing for hereditary cancer: An argumentation” was presented.

October 9<sup>th</sup> 2008, participated in a conference held in the Meridian Hotel entitled "*Social Work in Jordan: Current Status and the Future*". There were 100 participants in this activity.

May 26-29th 2008, presented a paper entitled "Mrayyan et al. (2008). Readiness of organizations for change, motivation and conflict-handling intentions: senior nursing students' perceptions" in the 10th International Conference in Education, Athens Institute for Education and Research, Athens, Greece.

April 27-28th 2008, participated in the Third International Conference of the Jordanian Nursing Council (JNC). I participated as a moderator of 4 sessions specialized in Relevance and Responsiveness of Policies and Strategies.

April 23-24th 2008, participated in the Second International Conference of the Jordanian Nursing Council (JNC). I participated as a moderator of 5 sessions specialized in Health Care System in Transition-Governance, presenter, and a member of the scientific research committee. In this conference, I presented a paper entitled "Mrayyan, M.T., Shishani, K., & Al-Faouri, I. (2007). Causes, rate, and reporting of medication errors in Jordan: Nurses' perspectives. *Journal of Nursing Management*, 15(6), 659-670).

June 19th 2007, presented a paper in the first international conference of Prince Hamzah Hospital-The Ministry of Health "Mrayyan, M.T., Shishani, K., & Al-Faouri, I. (2007). Causes, rate, and reporting of medication errors in Jordan: Nurses' perspectives. *Journal of Nursing Management*, 15(6), 659-670).

April 25-27th 2006, participated in the First International Conference of the Jordanian Nursing Council (JNC). I participated as a moderator of 6 sessions specialized in community health nursing, presenter, and a member of the scientific research committee. In this conference, I presented a paper entitled "American nurses' work autonomy on patient care and unit operations."

### **Preparation and Coordination of a Scientific Week**

1. April 15<sup>th</sup>-April 19<sup>th</sup> 2007, prepared and coordinated a week in collaboration with the Maternal- Child –Family Health Nursing Department. This week was patronaged by her Highness Senator- Professor Rowaida Al-Ma'aitha of behalf of Her Royal Highness Princesses Muna Al-Hussein. Professor Omar Shdeifat the President of the Hashemite University nominated the name of Her Royal Highness Princesses Muna Al-Hussein on two labs that are under development at the Faculty of Nursing: Computer Lab for Nursing Students and Pediatrics Lab. This week was coordinated with the Jordanian Nursing Council and King Abdullah II Fund for Development Office. Topics included: Mental, Psychological, Sexual Health, and Sexual Harassment, Addiction, Smoking, Gender Issues, Communication, Nutrition, Stress, Exercises, and Family Violence.

### **Participation in and Attendance of a Scientific Day**

1. April 19<sup>th</sup> 2007, presented a paper in the Scientific Day at Al-Albeit University "*Mrayyan, M.T. (2004). Perceptions of Jordanian head nurses of variables that influence the quality of nursing care. Journal of Nursing Care Quality, 19(3), 276-279*".
2. July 2005, participated in the "Second Scientific Day of King Abdullah Teaching Hospital". I presented a paper entitled "*Nurses' job satisfaction and retention: Comparing public to private hospitals in Jordan.*" There were more than 200 participants on this scientific day.
3. June 1<sup>st</sup> 2005, attended the "Scientific Day of Master's Students" of the University of Jordan. On this day, all students presented their research projects. There were 100 participants in this activity.
4. April 28<sup>th</sup> 2005, presented a paper in the First Scientific Day for the Faculty of Nursing at the Hashemite University about the "*Nurse managers' actions in promoting nurses' autonomy.*"
5. January 21<sup>st</sup> 2004, attended a scientific day about the "*Nursing Profession in Jordan and the Roles of Higher Council of Nursing*". The scientific day was held at Al-Bashir Hospital and it was patronaged by Her Royal Highness Prince Muna Al-Hussein. There were 200 participants this day.

### **Presentations and Participation in Workshops:**

1. May 17-20<sup>th</sup> 2011, lectured about "Disaster Preparedness and the Crisis Management- Managing Health Care Services and Integrating the Information Technology" to be used in a workshop directed by the Islamic Educational, Scientific and Cultural Organization – ISESCO. The workshop was held in Amman-Jordan.
2. November 4th 2007, presented the Strategic Plan of the Faculty of Nursing 2006-2012 to the council of the faculty in the presence of the Vice President of Academic Affair.
3. September 10th 2007, presented a paper at the Islamic Hospital "Scientific Research in Nursing: The Roles of Academic Institutions".
4. May 2005, presented a paper about "Hospital nurses' autonomy" in the day coordinated by the University of Jordan for celebrating the newly graduated Ph.D. holders 2002-2005.
5. July 21st 2003, revised and presented a proposal entitled "Community-based Rehabilitation (CBR) for Disabled Children in the Zarqa Region," which was submitted by The Hashemite University for funding from the World Bank.

### **Lectures Provided:**

1. April 7<sup>th</sup> and 11<sup>th</sup> 2009, lectured for a group of nurses who were enrolled in a "*Cardiac-Vascular Nursing*" under the direction of the JNC.
2. November 19<sup>th</sup> 2008, lectured for 16 new Ph.D. holders who were appointed at HU. The presentation was about "*Excellence in University Teaching*."
3. March 8<sup>th</sup> 2006-2008, a member of the national committee "*Leadership for Change*" directed by the Ministry of Health and the Jordanian Nursing Council, I was selected as "*a mentor*" of the leadership group at Prince Hamzah Hospital 2006-2008.
4. November 25<sup>th</sup> 2006, lectured for newly employed Ph.D. holders at HU about the "*Organizational Structures and Job Description*." This presentation was arranged by the Center of Quality Assurance at HU.

### **Participations in /Attendee of Workshops and Professional Meetings:**

#### **2020-2021:**

- Januray 24<sup>th</sup> 2021, attended a wrokshop in collaboration with the Fund for the Support of Scientific Research and Innovation, entitled: "Best practices for mobilizing initial and detailed application to support research projects from the fund"
- Januray 24<sup>th</sup> 2021, online course about OneNote-Microsoft Teams.
- Januray 24<sup>th</sup> 2021, online course about Windows 10 for Education.
- Januray 2021, self-learning of the tiny detailes of Moodle Cloud Learning System.
- Januray 2021, self-learning of the tiny detailes of Office 365 (teacher to teacher (teacher to student) and the keys of Office 365.
- Online Course: Has been awarded the certificate for completing the following course: *MIE Teacher Academy using Microsoft Teams, Staying connected with remote learning through Microsoft Teams and Office 365-Advanced* (Instructor-led training) on November 23<sup>rd</sup> 2020.
- Online Course: Has been awarded the certificate for completing the following course: *MIE Teacher Academy using Microsoft Teams, Staying connected with remote learning through Microsoft Teams and Office 365-Basic* (Instructor-led training) on November 22<sup>nd</sup> 2020. Certified then as "*Certified Microsoft Innovative Educator*".
- Online Course: Has been awarded the certificate for completing the following course: *Track It, Quiz It, Flip It, Try It, Staying connected with remote learning through Microsoft*

*Teams and Office 365, Keeping students engaged: Building strong student/teacher connections in a remote learning environment (Instructor-led training) on May 18<sup>th</sup> 2020.*

- Online Course: Has been awarded the certificate for completing the following course: *Keeping students engaged: Building strong student/teacher connections in a remote learning environment on May 18<sup>th</sup> 2020.*

**2019-2020:**

Many online tutorials and presentations about Microsoft Teams and its' applications during Covid 19 Pandemic.

**2018-2019:**

None

**2017-2018:**

**As Vice President, I attended the following:**

1. 10/26-19: مثلت الجامعة الهاشمية في وزارة التعليم العالي والبحث العلمي في لجنة فرز طلبات الجامعات الطبية المقدمة في الوزارة.
2. 2018/2: مثلت الجامعة الهاشمية في وزارة التعليم العالي والبحث العلمي في لجنة فرز الطلبات المقدمة من الجامعات الخاصة لفتح كليات طب أسنان.

**2016-2017:**

**As the Dean of Scientific Research, I attended the following:**

1. July, 12-13 2017, attended a workshop coordinated by Scientific Research Support Fund- Ministry of Higher Education in cooperation with the Erasmus Plus Program/European Commission, entitled " Modernisation of Institutional Management of Innovation and Research in South Neighboring Countries/(MIMIr)."
2. On May 9<sup>th</sup> 2017, attended a workshop in the Association of Jordanian Women Academics entitled "Women's Rights in the International and National Legal Systems."
3. On May 9<sup>th</sup> 2017, attended a workshop in the Association of Jordanian Women Academics entitled "Academic Jordanian Women and Scientific Research."
4. Workshop coordinated by the Association of Jordanian Academies on 9/5/2017 at the University of Jordan.
5. Workshop in the University of Science and Technology on 3/5/2017 under the title: "The Role of Infrastructure and Scientific Research Networks and Education in the Development of Research, Education and Creativity in Jordan".
6. A research meeting within the ERANETMED project on 8/3/2017 entitled: EURO-MEDITERRANEAN Cooperation through ERANET Joint Activities and beyond/ERANETMED.

7. Workshop coordinated by the Association of Jordanian Academies on 28/4/2017 at the University of Jordan.
  8. Workshop at the Ministry of Higher Education and Scientific Research on the period 25-26 / 4/2016 entitled as "Bologna Process and ECTS Credit System" supported by Erasmus Plus / EU program.
  9. Specialized workshop in "Management of Research Projects" on 19/5/2016 in the building of the Higher Council for Science and Technology.
  10. Specialized workshop in "Horizon 2020" on 25-27/10/2016, 30/10-1/11/2016 in the building of the Higher Council for Science and Technology.
  11. The networking forum between researchers organized by the Higher Council for Science and Technology on 23/11/2016.
- December 15-18<sup>th</sup> 2008, participated in the meeting of *The Scientific Association of Arab Nursing Faculties- Association of Arab Universities* -Cairo University-Egypt.
  - December 15<sup>th</sup> 2008, attended a workshop entitled "*Applying Credit Hours System and its Influence of the Quality of Teaching: The Experience of the Faculty of Nursing at Cairo University.*"
  - October 28-29<sup>th</sup> 2008, participated in the meeting of *The Scientific Association of Arab Nursing Faculties- Association of Arab Universities* - Tishreen University-Syria.
  - November 20-22<sup>nd</sup> 2007, participated in the meeting of *The Scientific Association of Arab Nursing Faculties- Association of Arab Universities* - Alexandria University- Egypt.
  - January 21<sup>st</sup>- February 10<sup>th</sup>, 2007, attended a *Training Course about Social Work at Brunel University and Reading University, United Kingdom.*"
  - Oct 24-26<sup>th</sup> 2007, participated in a workshop coordinated by the JNC under the patronage of Her Royal Highness Princesses Muna Al-Hussein about "*Incorporating Crisis Management in Nursing Curricula*". The workshop was held in the Meridian Hotel with the presence of more than 50 participants.
  - August 23<sup>rd</sup> 2006, attended the first *Jordanian Nursing Council Day at the Jordan University Hospital*. There were 100 participants from different sectors.
  - June 27<sup>th</sup> 2006, attended the first *International Arab Conference of Training and Human Resources Development*. There were 130 participants from different countries. The conference was arranged and directed by the Hashemite University-Center for Studies and Consultation.
  - June 19<sup>th</sup>-20<sup>th</sup> 2006, participated in "Adult Critical Care" workshop held at the Faculty of Nursing, The Hashemite University.
  - April 10<sup>th</sup> 2006, on the behalf of the President of the Hashemite University, I attended a lecture at Jordan University about "*Building the Arabian School for Studies and*



*Consultation.*" The lecturer was Dr. Ali Al-Kuwari, the President of the Arabian Bureau for Studies and Consultation. There were 20 participants from academicians, previous and current presidents of various universities, and other researchers.

- February 22<sup>nd</sup> – March 1<sup>st</sup>2006, attended a workshop in the United Kingdom about "*Promoting Midwifery Education at the Faculty of Nursing at the Hashemite University/ Hashemite University- Glasgow Caledonian University Higher Education Link.*"
- During 2005-2006 and 2006-2007, participated with a group of scholars at HU to prepare "*The Proposal for Developing Social Work in Jordan-Brunel University and Reading University, United Kingdom.*"
- During 2005, participated in the evaluation of the link entitled "*Promoting Midwifery Education at the Faculty of Nursing at the Hashemite University/ Hashemite University- Glasgow Caledonian University Higher Education Link.*"
- October 2<sup>nd</sup> 2005, attended *TEMPUS Day* in Princess Sumaya University. This day was held to present the best approaches to funding studies and programs. There were more than 200 participants from different universities.
- August 3<sup>rd</sup> 2004, participated in the workshop held in King Abdullah Teaching Hospital- Irbid- about "*Quality Improvement*". There were 80 participants from different sectors.
- March 20<sup>th</sup> 2004, participated in the meeting of *The Scientific Association of Arab Nursing Faculties- Association of Arab Universities* - The Zaytoonah Private University.
- September 21<sup>st</sup> 2004, participated in the workshop held in the Radisson SAS hotel-Amman about "*Priorities of Nursing Research in Jordan*". There were 50 participants from different sectors. The workshop was coordinated by the Jordanian Nursing Council (JNC).
- Sept. 1<sup>st</sup> 2003, participated in a workshop titled "*To Develop an Outline for A National Action Plan for Palliative Care in Jordan.*" The workshop was prepared by The Ministry of Health (MOH) and the World Health Organization (WHO). Group brainstorming technique was used with 34 healthcare specialists from Jordan and the WHO.
- July 22<sup>nd</sup> -23<sup>rd</sup> 2003, participated in the *Higher Education Development Project* at The National Center for Human Resources Development. The workshop focused on Results-Based Management (RBM) and how to write a winning proposal. The workshop was held over two days with 24 participants from different governmental universities.
- April 21<sup>st</sup> 2003, participated in *Infertility Management and Assisted Fertilization* at the Islamic Hospital. There were 100 participants from different universities and hospitals.
- Over one week sessions, July 2002 and January 2003 participated in *Problem-based Learning* as a curriculum method. The workshop was held at The Hashemite University.

- Sept 22<sup>nd</sup> -26<sup>th</sup> 2002, attended a workshop entitled “*Academic Preparation of Newly Employed Faculty Members*” to develop the teaching skills of newly employed faculty members at The Hashemite University. There were 33 participants from various faculties of HU.
- Sept 11<sup>th</sup> - 12<sup>th</sup> 2002, participated in a workshop prepared by The Ministry of Health (MOH) and The World Health Organization (WHO). The workshop aimed at preparing *A National Strategy to Eradicate and Treat Cancer in Jordan*. Group brainstorming technique was used with 34 healthcare specialists from Jordan and the WHO.
- Sept 8<sup>th</sup> - 12<sup>th</sup> 2002, participated in a workshop prepared by The Hashemite University in cooperation with the UNESCO entitled “*Building Internet-based Multimedia Applications for Training and Education*.” There were 30 participants from Jordan and other Arabic countries.

### **Community Services (Last 5 Years):**

#### **Community of the University:**

##### **2020-2021:**

- Established the Clinical Leadership and Management Master’s Program.
- Including a graduate-level course (Legal and Ethical Issues in Health Care and Health Care System and Policies) and three undergraduate-level courses (Clinical Leadership, Clinical Practicum, and Communication Skills), on the Second Semester (Hybrid) and Summer (Totally Online) 2019-2020: Self-taught online interactive courses hosting using Microsoft Teams, Skype, Zoom, and many other software needed for hosting such courses. Skills gained include creating online exams and assignments using Microsoft teams and forms and google forms as well as evaluation using google forms.

##### **2019-2020:**

- 2019-2021, including a graduate-level course (Legal and Ethical Issues in Health Care and Health Care System and Policies) and three undergraduate-level courses (Clinical Leadership, Clinical Practicum, and Communication Skills), on the Second Semester (Hybrid) and Summer (Totally Online) 2019-2021: Self-taught online interactive courses hosting using Microsoft Teams, Skype, Zoom, and many other software needed for hosting such courses. Skills gained include creating online exams and assignments using Microsoft teams and forms and google forms as well as evaluation using google forms.

##### **2018-2019:**

**None**

**2017-2018:**

**As a Vice President:**

1. إعداد تعليمات مع نماذج ترشيح ونموذج إقرار. وأسس مفاضلات لكل من:
  - جائزة الباحث المتميز في الجامعة الهاشمية.
  - جائزة البحث المتميز في الجامعة الهاشمية.
  - جائزة الطالب المتميز في الجامعة الهاشمية.
  - إعداد تعليمات دعم بحوث الطلبة لدرجة البكالوريوس معززة بنموذج طلب الدعم.
  - المدرس المتميز في الجامعة الهاشمية. جائزة
  - إعداد ومراجعة تعليمات البحث العلمي التي تعكس الحوسبة.
2. التنسيب لتعديل المادة 44-د من تعليمات أعضاء الهيئة التدريسية والمتعلقة بإجازة التفرغ العلمي وذلك بتأكيد أن يكون الباحث منفرداً.
3. التنسيب بتعديل المادة 53 ز-2 أعضاء الهيئة التدريسية والمتعلقة بتأكيد التعيين وذلك بان يكون الباحث منفرداً.
4. 2018-2017: مثلت الجامعة الهاشمية في وزارة التعليم العالي والبحث العلمي في لجنة فرز طلبات الجامعات الطبية المقدمة في الوزارة.
5. 2018/2: مثلت الجامعة الهاشمية في وزارة التعليم العالي والبحث العلمي في لجنة فرز الطلبات المقدمة من الجامعات الخاصة لفتح كليات طب أسنان.
6. حضور معظم نشاطات الجامعة مثل:
  - زيارة لجنة فلسطين النيابية / مجلس النواب لتكريم الأستاذ الدكتور رئيس الجامعة في 10/9.
  - زيارة أمير رومانيا والوفد المرافق له في 10/11.
  - نشاط جماعة حوارات عمان في محاربة خطاب الكراهية في 10/17.
  - ورشة التعليم الإلكتروني المنظمة من قبل كلية العلوم التربوية ومركز تكنولوجيا المعلومات والاتصالات في الركن الأمريكي / المكتبة في 10/31.
  - الاجتماع بوفد من جامعة الحسين في 10/17 بحضور أ.د. عميد البحث العلمي حيث تم بحث أوجه التعاون في مجال العمادة الإلكترونية.
  - عضوية عدة لجان منها انشاء حاضنة علمية في كلية الاقتصاد والعلوم الإدارية ولجنة تحقق بشأن دوام إحدى الإداريات ولجنة اشتراك الجامعة في قواعد البيانات الإلكترونية.
  - إخراج مركز التأهيل المجتمعي الى حيز الوجود من حيث التنسيب بمجلس المركز وتكليف معالجين طبيعيين والتنسيب ان تكون المكافأة المالية لهم منسبة 40% من كلفة المعالجة وليس راتب مقطوع شهرياً والتنسيب برفع رسوم المعالجة الفيزيائية.

## 2017-2018

- The head of the “Safety and Emergencies” committee
- The head of “” Board of Appeals for Faculty Members”
- A member of “Employment and Promotion”.
- A member of the “Technical Committee/ of the Employment and Promotion”.
- A member of the higher university committee for “Research Fund”.
- A member of “Educational Curricula”.
- A member of the committee for the “Determination of Students' Educational Issues”.
  
- **A committee member for:**
  1. A member of the committee of “Quality Assurance and University Accreditation”.
  2. King Abdullah II Award, for two pillars: 1-Faculty Members, 2-Scholarships and Scientific Research and Innovations.
  3. Preparing HU's Strategic Plan 2020-2025.
  4. Transforming HU as a smart-university.
  5. Ranking and rating of HU in major International Classification Systems such as QS...etc.
  6. Assessing the need for transforming the university's current semesters into quarters.
  7. Evaluating “Pioneers Academy” as a responsible company about the TOEFL at HU.
  8. A member of the committee for the establishment of a scientific incubator at the Faculty of Economics and Administrative Sciences.
  9. A member of the committee of university participation in the electronic databases.

### As the Dean of Scientific Research:

- August 2017, filled all files needed to nominate the University for **Sheikh Mohammed bin Rashid Al Maktoum Knowledge Award /Institutional Category 2017-** Dubai.
- August 2017, filled all files needed to nominate the University for **Islamic Development Bank Prize for Science and Technology, 16<sup>th</sup> Edition 2018-** Jeddah.
  
- **May-June 2016-2017, a committee member for:**
  - King Abdullah II Award, for two pillars: 1-Faculty Members, 2-Scholarships and Scientific Research and Innovations.
  - Preparing HU's Strategic Plan 2020-2025.
  - Transforming HU as a smart-university.
  - Ranking and rating of HU in major International Classification Systems such as QS...etc.
  - Assessing the need for transforming the university's current semesters into quarters.
  
- March 2017, the Head of the Committee of "Increasing HU's Income."
  
- 2016-2017, the Head of the Committee of Innovative HU's Students/Pioneering Works and Research.

- 2016-2017, a member of many “مبادرة دينار” committees.
- 2015-2016, 2016-2017, a head and a member of many “investigation” committees.
- 2016-2017, a member of “Employment and Promotion at the Hashemite University.
- 2016-2017, a member of “Higher Committee for Research Support at the Hashemite University.”
- 2016-2017, a member of “Technical Committee/ of the Employment and Promotion” at the Hashemite University.
- 2015- 2016, a member of “Employment and Promotion at the Hashemite University.
- 2015- 2016, a member of “Higher Committee for Research Support at the Hashemite University.”
- 2015- 2016, a member of “Technical Committee/ of the Employment and Promotion” at the Hashemite University.
- January 2016, a member of the “Disciplinary” Committee of the Hashemite University.
- January 2016, a member of a committee responsible for enhancing the quality of academic teaching at the Hashemite University.
- December 2015, the Head of “Horizon 2020” responsible for Funding from the European Commission.
- December 2015, a member of the higher university committee for Research Funding.

### **Community of Faculty of Nursing:**

#### **2020-2021:**

- Established Clinical Leadership and Management Master’s Program.
- A member of the committee of Graduate Studies at the School of Nursing.
- A member of the committee of Educational Plans.
- 2020-2021, the Head of Standard 1: The Mission and Administrative Capacity of ACEN accreditation.
- 2019-2021, including a graduate-level course (Legal and Ethical Issues in Health Care and Health Care System and Policies) and three undergraduate-level courses (Clinical Leadership, Clinical Practicum, and Communication Skills), on the Second Semester (Hybrid) and Summer (Totally Online) 2019-2021: Self-taught **online interactive courses**

**hosting using Microsoft Teams, Skype, Zoom**, and many other software needed for hosting such courses. Skills gained include creating online exams and assignments using Microsoft teams and forms and google forms as well as evaluation using google forms.

**2019-2020:**

- 2019-2020, the Head of Standard 1: The Mission and Administrative Capacity of ACEN accreditation.
- 2019-2021, including a graduate-level course (Legal and Ethical Issues in Health Care and Health Care System and Policies) and three undergraduate-level courses (Clinical Leadership, Clinical Practicum, and Communication Skills), on the Second Semester (Hybrid) and Summer (Totally Online) 2019-2021: Self-taught **online interactive courses hosting using Microsoft Teams, Skype, Zoom**, and many other software needed for hosting such courses. Skills gained include creating online exams and assignments using Microsoft teams and forms and google forms as well as evaluation using google forms.
- 2019-2020, a member of the committee of Graduate Studies at the School of Nursing.
- 2019-2020, a member of the committee of Educational Plans.
- 2019-2020, many online tutorials and presentations about Microsoft Teams and its' applications during Covid 19 Pandemic.
- 2012-2019, the head of the committee of Graduate Studies at the School of Nursing.
- 2016-2017, the head of the committee of Promotion and Employment at the School of Nursing.
- 2012-2013, 2013-2014, 2014-2015, 2015-2016 & 2016-2017, a member of the committee of Graduate Studies at Department of Community and Mental Health Nursing.
- 2012-2013, 2013-2014, 2014-2015, 2015-2016 & 2016-2017, a member of the committee of Educational Plans.
- 2009-2010 to 2016-2017, the head of the committee of Academic Counseling for Master's students.
- 2012-2013, 2013-2014, 2014-2015, 2015-2016 & 2016-2017, a member of the committee of Strategic Plan.
- 2015-2016, a member of the committee of Academic Counseling.
- 2012-2015, the head of a school committee that established to evaluate the scholarly work of a Ph.D. holder who submitted her paper for promotion to an Associate Professorship.

### **Academic Advising:**

- Academic advising, as the Head of Graduate Studies Committee, for all Master's Students, in cooperation with the faculty members in Oncology and Psychiatry specialty, 2018-2019.
- Academic advising, as the Head of Graduate Studies Committee, for all Master's Students, in cooperation with the faculty members in Oncology and Psychiatry specialty, 2017-2018.
- Academic advising, as the Head of Graduate Studies Committee, for all Master's Students, in cooperation with the faculty members in Oncology and Psychiatry specialty, 2016-2017.
- Academic advising, as the Head of Graduate Studies Committee, for all Master's Students, in cooperation with the faculty members in Oncology and Psychiatry specialty, 2015-2016.
- Academic advising, as the Head of Graduate Studies Committee, for all Master's Students, in cooperation with the faculty members in Oncology and Psychiatry specialty, 2014-2015.
- Academic advising, as the Head of Graduate Studies Committee, for all Master's Students, in cooperation with the faculty members in Oncology and Psychiatry specialty, 2013-2014.
- Academic advising, as the Head of Graduate Studies Committee, for all Master's Students, in cooperation with the faculty members in Oncology and Psychiatry specialty, 2012-2013.
- Academic advising, as the Head of Graduate Studies Committee, for all Master's Students, in cooperation with the faculty members in Oncology and Psychiatry specialty, 2011-2012.
- On sabbatical leave to JUST, 2010-2011.
- Academic advising for 55 Diploma nurses who want, through bridging, to finish their Bachelor's Degree, 2009-2010.
- Academic advising for 78 Diploma nurses who want, through bridging, to finish their Bachelor's Degree, 2008-2009.
- Academic advising for 38 Diploma nurses who want, through bridging, to finish their Bachelor's Degree, 2007-2008.
- Academic advising for 30 Diploma nurses who want, through bridging, to finish their Bachelor's Degree, 2006-2007.
- Academic advising for 20 Diploma nurses who, through bridging, finish their Bachelor's Degree, 2005-2006.
- Academic advising for 65 Diploma nurses who want, through bridging, to finish their Bachelor's Degree, 2004-2005.
- Academic advising for 28 Diploma nurses who want, through bridging, to finish their Bachelor's Degree, 2003-2004.
- Academic advising for 42 Jordanian students who returned to Jordan at the time of the Iraqi War on April 4<sup>th</sup> 2003.
- Determining the educational level of 50 Jordanian students who returned from Iraq 2003-2004.
- Academic advising for five Saudi Students (International Program) during 2002-2003.
- Academic advising for 15 fourth-year students during 2002-2003.

## Local Community:

### 2020-2021:

- Januray 24<sup>th</sup> 2021, attended a wrokshop in collaboration with the Fund for the Support of Scientific Research and Innovation, entitled: "Best practices for mobilizing initial and detailed application to support research projects from the fund"
- Starting Sep. 2019, a member of the Steering committee formed by the Jordanian Nursing Council for supervising the Nursing Licensure Exam.
- Starting Sept. 2019, the Head of the Scientific Committee of the Leadership-to set the Questions Bank Committee for the Nursing Licensure Exam set by the Jordanian Nursing Council.
- A member of the Board of Trustees- Irbid Private University starting 9/9/ 2018.

### 2019-2020:

- Sep. 2019, a member of the Steering committee formed by the Jordanian Nursing Council for supervising the Nursing Licensure Exam.
- Sept. 2019, the Head of the Scientific Committee of the Leadership-to set the Questions Bank Committee for the Nursing Licensure Exam set by the Jordanian Nursing Council.
- A member of the Board of Trustees- Irbid Private University starting 9/9/ 2018.

### 2018-2019:

- July 2019, the Head of a Committee formed by The Jordanian Higher Education Accreditation Commission to decide on increasing the Capacity [Number] of Students of Master of Nursing- the Faculty of Nursing in Zarqa Private University.
- June 2019, a member of the Main Committee of the Nursing Licensure Exam formed by the Jordanian Nursing Council.
- Feb 2019, the head of Committee formed by the Accreditation and Quality Assurance Commission for Higher Education Institutions to decide on continuity on the accreditation of Jordan University-Faculty of Nursing Bachelor, Master, and Doctoral Programs.
- Nov 2018, the head of the Committee formed by the Accreditation and Quality Assurance Commission for Higher Education Institutions to decide on the accreditation of Zarqa College-Balqa Applied University for Nursing and Pharmacy Program the Jordanian universities.
- A member of the Board of Trustees- Irbid Private University starting 9/9/ 2018.

### 2017-2018

#### As the Vice President, I attended the following:

1. 10/26-19: مثلت الجامعة الهاشمية في وزارة التعليم العالي والبحث العلمي في لجنة فرز طلبات الجامعات الطبية المقدمة في الوزارة.



3. الاجتماع بوفد من جامعة الحسين في 10/17 بحضور أ.د. عميد البحث العلمي حيث تم بحث أوجه التعاون في مجال العمادة الالكترونية.
4. مثلت الجامعة الهاشمية في وزارة التعليم العالي والبحث العلمي في لجنة فرز طلبات الجامعات المقدمة في التي تطلب فتح كليات أسنان. الوزارة و
- 2018, a member of Committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to decide on **Outcomes of Bachelor of Nursing programs at the Jordanian universities.**
- 2018, a member of Committee formed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions** to audit the **Quality Assurance** of the Faculty of Nursing in Zarqa Private University.

#### 2016-2017

- June 2017, a member of a committee for "Quality Assurance" for Zaytoonah Private University- Faculty of Nursing. This project was directed by the **Accreditation and Quality Assurance Commission for Higher Education Institutions.**

#### As the Dean of Scientific Research, I attended the following:

1. July, 12-13 2017, attended a workshop coordinated by Scientific Research Support Fund- Ministry of Higher Education in cooperation with the Erasmus Plus Program/European Commission, entitled " Modernisation of Institutional Management of Innovation and Research in South Neighboring Countries/(MIMIr)."
2. On May 9<sup>th</sup> 2017, attended a workshop in the Association of Jordanian Women Academics entitled "Women's Rights in the International and National Legal Systems."
3. On May 9<sup>th</sup> 2017, attended a workshop in the Association of Jordanian Women Academics entitled "Academic Jordanian Women and Scientific Research."
4. Workshop coordinated by the Association of Jordanian Academies on 9/5/2017 at the University of Jordan.
5. Workshop in the University of Science and Technology on 3/5/2017 under the title: "The Role of Infrastructure and Scientific Research Networks and Education in the Development of Research, Education and Creativity in Jordan".
6. A research meeting within the ERANETMED project on 8/3/2017 entitled: EURO-MEDITERRANEAN Cooperation through ERANET Joint Activities and beyond/ERANETMED.
7. Workshop at the Ministry of Higher Education and Scientific Research on the period 25-26 / 4/2016 entitled as "Bologna Process and ECTS Credit System" supported by Erasmus Plus / EU program.
8. Workshop coordinated by the Association of Jordanian Academies on 28/4/2017 at the University of Jordan.

9. Specialized workshop in "Management of Research Projects" on 19/5/2016 in the
  10. Specialized workshop in "Horizon 2020" on 25-27/10/2016, 30/10-1/11/2016 in the building of the Higher Council for Science and Technology.
  11. The networking forum between researchers organized by the Higher Council for Science and Technology on 23/11/2016.
- The **Liaison Person** between the Hashemite University and the Higher Council for Science and Technology.
  - 2013-2017, a member of the **Board of Trustees** of Amman Training Center- (كلية تدريب - عمان) UNRWA.
  - January 2016, a member of the “**Customers’ Satisfaction about Quality of Nursing Services in Jordan**”, a committee established by the Jordanian Nursing Council.
  - October 2015, a member of the “**National Committee of Research and Policy**”, a committee established by the Jordanian Nursing Council.
  - August 2015, prepared a draft of “**Part-Time Nursing Policy Statement**” for the Jordanian Nursing Council.
  - 2014-2015, a member of the **Health Policy Forum**; a committee established by the Jordan University of Science and Technology to support evidence-based policymaking.
  - 2014-2015, a member of **the Committee of Ethics of Sciences and Technology- Ministry of Higher Education and Scientific Research.**
  - 2013-2017, A member of the **Board of Trustees** of Amman Training Center- (كلية تدريب - عمان) UNRWA.
  - 2014-2015, a member of **Scientific Research Support Fund- Ministry of Higher Education and Scientific Research** -the Committee of *Medical and Pharmaceutical Sciences*.

#### **International Community:**

- 2017, as the Dean of Scientific Research, I attended the workshop at the Ministry of Higher Education and Scientific Research on the period 25-26 / 4/2016 entitled "Bologna Process and ECTS Credit System" supported by Erasmus Plus / EU program.
- July, 12-13 2017, attended a workshop coordinated by Scientific Research Support Fund- Ministry of Higher Education in cooperation with the Erasmus Plus Program/European Commission, entitled " Modernisation of Institutional Management of Innovation and Research in South Neighboring Countries/(MIMIr)."

- December 2015 to the current time, the Head of “*Horizon 2020*” responsible for Funding from the European Commission.
- Sept 15<sup>th</sup> 2015, reviewed a proposal submitted for funding “Evidence-based practice competence among student nurses: A cross – country comparative study”; for a faculty member at the College of Nursing -Sultan Qaboos University

### **Summary of Committees at The Hashemite University (Last 5 Years)**

#### **2020-2021:**

None.

#### **2019-2020**

None.

#### **2018-2019**

None.

#### **2017-2018**

- The head of the “Safety and Emergencies” committee
  - The head of the “Board of Appeals for Faculty Members”
  - The head of “ Project of Harvesting Water from Air”
  - A member of “Employment and Promotion”.
  - A member of the “Technical Committee/ of the Employment and Promotion”.
  - A member of the higher university committee for “Research Fund”.
  - A member of “Educational Curricula”.
  - A member of the committee for the “Determination of Students' Educational Issues”.
- **A committee member for:**
10. A member of the committee of “Quality Assurance and University Accreditation”.
  11. King Abdullah II Award, for two pillars: 1-Faculty Members, 2-Scholarships, and Scientific Research and Innovations.
  12. Preparing HU's Strategic Plan 2020-2025.
  13. Transforming HU as a smart-university.
  14. Ranking and rating of HU in major International Classification Systems such as QS...etc.
  15. Assessing the need for transforming the university's current semesters into quarters.
  16. Evaluating “Pioneers Academy” as a responsible company about the TOEFL at HU.

#### **2016-2017**

- August 2017, a member of the committee of “Quality Assurance and University Accreditation”.

- **May-June 2016-2017, a committee member for:**
  - King Abdullah II Award, for two pillars: 1-Faculty Members, 2-Scholarships and Scientific Research and Innovations.
  - Preparing HU's Strategic Plan 2020-2025.
  - Transforming HU as a smart-university.
  - Ranking and rating of HU in major International Classification Systems such as QS...etc.
  - Assessing the need for transforming the university's current semesters into quarters.
- March 2017, the Head of the Committee of "Increasing HU's Income."
- April 2017, the Head of the Committee of Innovative HU's Students/Pioneering Works and Research.
- 2016-2017, a member of many “مبادرة دينار” committees.
- 2015-2016, 2016-2017, a head and a member of many “investigation” committees.
- September 2016, a member of “Employment and Promotion at the Hashemite University.
- September 2016, a member of “Technical Committee/ of the Employment and Promotion” at the Hashemite University.
- September 2016, a member of the higher university committee for Research Fund

### **2015-2016**

- A member of the “Disciplinary” Committee of the Hashemite University.
- February 2016, a member of “Employment and Promotion at the Hashemite University.
- February 2016, a member of “Technical Committee/ of the Employment and Promotion” at the Hashemite University.
- January 2016, a member of a committee responsible for enhancing the quality of academic teaching at the Hashemite University.
- December 2015, the Head of “Horizon 2020” responsible for Funding from the European Commission.
- December 2015, a member of the higher university committee for Research Fund.

### **2014-2015**

- None

### **Committees at The Faculty of Nursing-The Hashemite University (Last 5 Years)**

#### **2020-2021**

- 2020-2021, the Head of Standard 1: The Mission and Administrative Capacity of ACEN accreditation.
- A member of the committee of Graduate Studies at the School of Nursing.
- A member of the committee of Educational Plans.

#### **2019-2020**

- 2019-2020, the Head of Standard 1: The Mission and Administrative Capacity of ACEN accreditation.
- A member of the committee of Graduate Studies at the School of Nursing.
- A member of the committee of Educational Plans.

#### **2018-2019**

- The head of the committee of Graduate Studies at the School of Nursing.

#### **2017-2018**

- The head of the committee of Graduate Studies at the School of Nursing.
- The head of the committee of Promotion and Employment at the School of Nursing.

#### **2016-2017**

- The head of the committee of Graduate Studies at the School of Nursing.
- The head of the committee of Promotion and Employment at the School of Nursing.
- A member of the committee of Graduate Studies at the Department of Community and Mental Health Nursing.
- The head of the committee of Academic Counseling for Master's Students.
- A member of the committee of Academic Counseling
- A member of the committee of Educational Plans.
- A member of the committee of Strategic Plan.

#### **2015-2016**

- The head of the committee of Graduate Studies at the School of Nursing.

- A member of the committee of Graduate Studies at the Department of Community and Mental Health Nursing.
- The head of the committee of Academic Counseling for Master's Students.
- A member of the committee of Academic Counseling
- A member of the committee of Educational Plans.
- A member of the committee of Strategic Plan.

#### **2014-2015**

- The head of the committee of Graduate Studies at the School of Nursing.
- The head of the Library committee
- A member of the committee of Graduate Studies at the Department of Community and Mental Health Nursing.
- The head of the committee of Academic Counseling for Master's Students.
- A member of the committee of Educational Plans.
- A member of the committee of Strategic Plan.

#### **Committees outside The Hashemite University (Last 5 Years)**

##### **2020-2021**

- Starting Sep. 2019, a member of the Steering committee formed by the Jordanian Nursing Council for supervising the Nursing Licensure Exam.
- Starting Sept. 2019, the Head of the Scientific Committee of the Leadership-to set the Questions Bank Committee for the Nursing Licensure Exam set by the Jordanian Nursing Council.
- A member of the Board of Trustees- Irbid Private University starting 9/9/ 2018.

##### **2019-2020**

- Sep. 2019, a member of the Steering committee formed by the Jordanian Nursing Council for supervising the Nursing Licensure Exam.
- Sept. 2019, the Head of the Scientific Committee of the Leadership-to set the Questions Bank Committee for the Nursing Licensure Exam set by the Jordanian Nursing Council.
- A member of the Board of Trustees- Irbid Private University starting 9/9/ 2018.

##### **2018-2019**

- July 2019, the Head of a Committee formed by The Jordanian Higher Education Accreditation Commission to decide on increasing the Capacity [Number] of Students of Master of Nursing- the Faculty of Nursing in Zarqa Private University.
- June 2019, a member of the Main Committee of the Nursing Licensure Exam formed by the Jordanian Nursing Council.
- May 2019, a member of the committee formed by Accreditation and Quality Assurance Commission for Higher Education Institutions to integrate nursing competencies issued by

the JNC with the accreditation guidelines of Bachelor of Nursing programs at the Jordanian universities issued by the Accreditation and Quality Assurance Commission for Higher Education Institutions.

- Feb 2019, the head of Committee formed by the Accreditation and Quality Assurance Commission for Higher Education Institutions to decide on continuity on the accreditation of Jordan University-Faculty of Nursing Bachelor, Master, and Doctoral Programs.
- Nov 2018, the head of the Committee formed by the Accreditation and Quality Assurance Commission for Higher Education Institutions to decide on the accreditation of Zarqa College-Balqa Applied University for Nursing and Pharmacy Program the Jordanian universities.
- A member of the Board of Trustees- Irbid Private University starting 9/9/ 2018.

### **2017-2018**

- 2018, a member of Committee formed by the Accreditation and Quality Assurance Commission for Higher Education Institutions to decide on Outcomes of Bachelor of Nursing programs at the Jordanian universities.
- 2018, a member of Committee formed by the Accreditation and Quality Assurance Commission for Higher Education Institutions to audit the Quality Assurance of the Faculty of Nursing in Zarqa Private University.
- Dec. 2017, a member of a committee for Evaluating Requests for Establishing Dental Schools at Four Private Universities, coordinated by the Ministry of Higher Education and Scientific Research.
- Oct. 2017, a member of a committee for Evaluating Requests for Establishing Private Medical Universities, coordinated by the Ministry of Higher Education and Scientific Research.

### **2016-2017**

- August 2017, nominated as representative of HU at "Prince El Hassan Bin Talal Award for Scientific Excellence".
- June 2017, a member of a committee for "Quality Assurance" for Zaytoonah Private University-Faculty of Nursing. This project was directed by the Higher Education Accreditation Commission.

### **2015-2016**

- January 2016, a member of the “**Customers’ Satisfaction about Quality of Nursing Services in Jordan**”, a committee established by the Jordanian Nursing Council.
- October 2015, a member of the “**National Committee of Research and Policy**”, a committee established by the Jordanian Nursing Council.

## 2014-2015

- 2014-2015, a member of the **Health Policy Forum**; a committee established by the Jordan University of Science and Technology to support evidence-based policymaking.
- 2014-2015, a member of **the Committee of Ethics of Sciences and Technology- Ministry of Higher Education and Scientific Research.**
- 2013-2017, A member of the **Board of Trustees** of Amman Training Center- (كلية تدريب - عمان) UNRWA.
- 2014-2015, a member of **Scientific Research Support Fund- Ministry of Higher Education and Scientific Research** -the Committee of *Medical and Pharmaceutical Sciences*.
- A member of **the Committee of Ethics of Sciences and Technology- Ministry of Higher Education and Scientific Research**
- A member of **Scientific Research Support Fund- Ministry of Higher Education**-the Committee of *Medical and Pharmaceutical Sciences*.
- 2013-2017, a member of the **Board of Trustees** of Amman Training Center- (كلية تدريب - عمان) UNRWA.