

**Dr. Reem Hatamleh**

**BSN, RN, RM, PGD, PhD**

**Curriculum Vitae**

**Biography:**

Doctor Reem Hatamleh is the first associate professor of midwifery research and practice at Jordan University of Science and Technology. She is a registered midwife and registered nurse-midwife with almost 15 years of research experience including management of over 27 research projects, 24 published outputs and completion of successful supervision 11 MSc students. She has also examined one PhD at Jordan University and five master students at Jordan University of science and technology. She has been Head of Midwifery department and Head of Maternal and Child health Nursing Department of the Nursing faculty at Jordan University of Science and Technology. She is a panel member for government led, strengthening midwifery profession in Jordan. Her research interests are focus on judicious use of childbirth technologies, social media and information technology, antenatal education, maternal and neonatal health and wellbeing. She is committed to the pursuit of excellence in midwifery education through the design, implementation, and evaluation of midwifery education program at Jordan University of Science and technology. Reem was awarded the Vice-Chancellor's Research Studentship (VCRS) in midwifery from University of Ulster in 2006 UK. Having previously worked as a research associate at the University of Ulster.

**Personal Data**

**Reem Abdallah Hatamleh BSN, RN, RM, PGD, PhD**  
Associate professor of Midwifery

**Work Address for Correspondence**

Jordan University of Science and Technology

Faculty of Nursing  
P.O.BOX 3030  
Irbid, Jordan, Postal Code 22110  
Work Telephone: 962-2-7201000  
Mobile Telephone: +962-791-494-011  
Work email: [rahatamleh@just.edu.jo](mailto:rahatamleh@just.edu.jo)  
**Web of science researcher ID:** GLT-1516-2022  
**ORCID ID:** <https://orcid.org/0000-0001-5581-3445>  
**H-index:** 10

### **Degrees:**

• **Doctor of philosophy (PhD) 2006**

University of Ulster, Northern Ireland. UK, holder of prestigious Vice Chancellor's Research Studentship

Midwifery: Birth technology

**Dissertation entitle**

“Birth technology: Induction of birth and its impact on maternal, fetal and neonatal mortality and morbidity in Northern Jordan”

• **Advanced Postgraduate diploma in Midwifery (2002)** University of Ulster, UK.

• **Post graduate Diploma in Midwifery (1998)** The Directorate of the Royal Medical Services/ Princess Muna College of Nursing/ Jordan Armed Forces, Amman-Jordan.

• **Bachelor of Science in Nursing (1996)** Jordan University of Science and Technology, Irbid, Jordan.

• **Diploma in nursing (1989)** The Directorate of the Royal Medical Services/ Princess Muna College of Nursing/ Jordan Armed Forces, Amman-Jordan

### **Academic Position:**

Associate professor of Midwifery at the Midwifery Department- Faculty of Nursing- Jordan University of Science and Technology, Irbid, Jordan from 2007-present.

### **Membership of national and international association**

- Registered Nurse (Jordanian Nursing and Midwifery Council)
- Registered Nurse-Midwife (Jordanian Nursing and Midwifery Council)
- Member at Doctoral Midwifery research society

- Member at a forum for discussion on midwifery and reproductive health research. [Midwifery\\_research@jiscmail.ac.uk](mailto:Midwifery_research@jiscmail.ac.uk)
- Member at HIFA Health information for all
- Member of the Dutch Share Net

### **Certification and licensure**

- Certified Professional Trainer for Helping Baby Breath, sponsored by LDS Charities.
- Certified Professional Trainer for Neonatal Resuscitation, sponsored by LDS Charities.

### **Committees**

- 2022-now : Representative member at university council-Jordan University of Science and Technology.
- 2019-2020 : Representative member at university council- Jordan University of Science and Technology.
- 2019-now: Committee member - faculty of Nursing- graduate studies committee (IRB evaluation)-Jordan University of Science and Technology.
- 2018-2019: Faculty research committee-faculty of Nursing-Jordan University of Science and Technology.
- 2017-2018: Graduate studies council-faculty of Nursing-Jordan University of Science and Technology.
- 2016-2017: Curriculum committee-faculty of Nursing-Jordan University of Science and Technology.
- 2016-2017: member Library committee -faculty of Nursing.
- 2018- now: Committee member of accreditation: Accreditation Commission for Education in Nursing (ACEN) faculty of Nursing-Jordan University of Science and Technology.
- 2012-now: Jordan University of Science and Technology, Faculty of Nursing, Faculty promotion committee (member) to evaluate the documents submitted for promotion.
- 2011-now Committee member - Graduate Comprehensive Examination- faculty of Nursing-Jordan University of Science and Technology.

- Jordan University of Science and Technology.
- 2014-2015: Committee member of continuous education committee- Jordan University of Science and Technology.
  - 2013-2014: member Lab committee -faculty of Nursing. Jordan University of Science and Technology.
  - 2012-2013: member faculty scientific research committee -faculty of Nursing.
  - 2010-2011: member community activities committee Jordan University of Science and Technology.
  - 2007-2008: Member faculty research committee
  - 2008-2009: head department Research committee
  - 2006-now: Committee member - “Center of Excellence for Development of Human Resources in Nursing” WHO Collaborating Center for EMRO, Jordan University of Science and Technology (JUST) -faculty of Nursing.

**Previous Educational & Teaching Experience**

<b>Undergraduate Courses</b>	<b>Graduate courses</b>
Introduction to midwifery.	Theoretical foundation for nursing
Pre and antenatal care (theory).	Advanced maternal and newborn health 1(theory).
Pre and antenatal care for midwifery (clinical).	Advanced maternal and newborn health 1(clinical).

Labor and Birth (theory).	Advanced maternal and newborn health 2(theory).
Labor and Birth (clinical).	Advanced maternal and newborn health 2(clinical).
Postnatal care (theory).	Seminar for graduate students
Postnatal care (clinical).	Applied clinical project in nursing
Obstetrics and Gynecology Emergencies for midwives	Reproductive counseling
Community health	Women's health

### **Consultative Meetings**

External examiner for Doctor of philosophy in nursing, PhD student, University of Jordan/ School of Nursing 2021.

External examiner for proposal partial fulfilment of the requirement for the degree of Doctor of philosophy in nursing, PhD student, University of Jordan/ School of Nursing 2020.

2020-2021: Participate in application for a certificate of quality assurance for the faculty of nursing from the Higher Accreditation and Quality Assurance Commission.

2019-2020: Participated in the revision of curriculum for master program at faculty of nursing- Jordan University of Science and Technology for compliance with the Jordanian's National Council on Higher Education.

2020-2021: Participated in the revision of curriculum for BSc midwifery program at faculty of nursing- Jordan University of Science and Technology for compliance with the Jordanian's National Council on Higher Education.

2021: Writing for Doctoral Midwifery Research Society about breastfeeding research in Jordan. Available online at <http://www.doctoralmidwiferysociety.org/>

2020: Nurses and Midwives' Family Practice Competencies in the Primary Health Care Settings in Jordan, "Center of Excellence for Development of Human Resources in Nursing" WHO Collaborating Center for EMRO, faculty of Nursing- Jordan University of Science and Technology.

2019: Writing for Doctoral Midwifery Research Society about doing midwifery research in Jordan. Available online at <http://www.doctoralmidwiferysociety.org/>

2019: Meeting with the minister of health and policy makers to revise midwifery rules in Jordan and discuss the improvement of midwife responsibilities. Ministry of Health in Jordan.

2018: Participate in preparing application form for the National Accreditation of midwifery program at faculty of Nursing- Jordan University of Science and Technology by Accreditation and Quality Assurance Commission Higher Education Institutions.

2018: Development of childbirth preparation booklet for pregnant women: printed by the Royal medical services and presently used as a standard care at all antenatal clinics of military hospitals.

2018: Short-term consultant to evaluate the status of midwifery profession in Jordan.

2018: Participated in the focus group discussion of the law reform of midwifery scope of practice, Amman-Jordan.

2018: Evaluation the antenatal care Course/Curriculum for the AFRO Region as requested by WHO (review the WHO module for prevention of malaria during pregnancy).

2017-2018: Revision of the BSc midwifery curriculum at Faculty of Nursing, Jordan University of Science and Technology for compliance with the Jordanian's National Council on Higher Education.

2017-2018: Revised the BSc midwifery curriculum at faculty of Nursing, Jordan University of Science and Technology for compliance with Accreditation and Quality Assurance Commission for Higher Education Institutions.

2016-now: Internal examiner at the faculty of nursing for master thesis.

2017- Prepared the competency exam for midwifery profession as requested by the Accreditation and Quality Assurance Commission for Higher Education.

2016: Short-term consultant Jordan Nursing Council assessing the midwifery education in Jordan.

2015: External examiner for Al-Bayt University for exit exam for the the fourth nursing students.

2014: External examiner for Hashimate University for exit exam for the the fourth nursing students.

2013: External examiner for Jordan University for exit exam for the the fourth nursing students.

2012: Internal examiner for Jordan University of science and technology for exit exam for the the fourth nursing students.

2011: External examiner for Hashimate University for exit exam for the the fourth nursing students.

2010: Prepared a higher postgraduate Diploma program in Midwifery.

2009: Participated in the focus group discussion of the new Reproductive Health Strategy for the years 2013-2019, Amman-Jordan.

2006 to date: reviewed many manuscripts for the national and international journals.

### **Publications:**

#### **(Peer Reviewed Journal Publication)**

1. Sinclair, M., McGlade, K., Comac, P., Kelly, B., Brown, H., **Hatamleh, R.**, Stockdale, J. Knowledge, Skill and Attitude of NI DHSSPS Healthcare Professionals towards Information and Communication Technology: A Report of a Northern Ireland Survey ISBN 13 978-1-85923-223-1, 2007 e1.
2. **Hatamleh, R.**, Sinclair, M.K., Kernohan, W.G., Bunting, B. (2008) Technological childbirth in Northern Jordan: findings from a prospective cohort study. Evidence based midwifery -The Royal College of Midwives, 6(4), 130-135.
3. Shaban, I; **Hatamleh, R.**, khresheh, R, Homer, C. (2011) childbirth practices in Jordanian public hospitals: consistency with evidence-based maternity care? International Journal of Evidence-Based Healthcare, 9:25-31.
4. **Hatamleh, R.**, Sinclair, M.K., Kernohan, W.G., Bunting, B. (2012) Birth memories of Jordanian women's: findings from qualitative data. Journal of Research in Nursing 2012, doi: 10.1177/1744987112441911. **This paper has identified by the psychology progress team as a special interest and published on psychology progress Website.**
5. **Hatamleh, R.**, Shaban, I., Homer, C. (2012) Evaluating the experience of Jordanian women with maternity care services. Health Care for women international Journal, 34(6):499-512.



doi:10.1080/07399332.2012.680996. **This research was funded by AL-Bayt university in Jordan.**

6. **Hatamleh, R.**, Sinclair, M., Kader, Y. (2012) Jordanian pregnant women's knowledge expectations, and informed choice of the second trimester ultrasound. Evidence based midwifery -The Royal College of Midwives 10, (3), 87-93. **This research was funded by Jordan University of Science and Technology in Jordan**
7. Nahla, A., **Hatamleh, R.**, Kader, Y. (2012) Intention and attitude towards Breastfeeding among undergraduate female students at a public Jordanian university. Evidence based midwifery -The Royal College of Midwives, 10(4), 119-124.
8. **Hatamleh, R.**, Ghraiebeh, H., All Bnayan, A. (2012) Jordanian Women's Perceptions of intrapartum vaginal examination. Evidence based midwifery -The Royal College of Midwives, 10(4), 131-136.
9. **Hatamleh, R.**, Sinclair, M.K., Kernohan, W.G., Bunting, B. (2013) The cumulative effect of Induction of Labour on maternal and infant morbidity in northern Jordan International Research Journal of Basic and Clinical Studies Vol. 1(7) pp. 87-102, November 2013 [View Abstract] [Full Article - PDF] [Download Full Text] pp. 87-102 (221 KB) **Int. Res. J. Basic Clin. Stud. 2013; Vol., No.7** DOI: <http://dx.doi.org/10.14303/irjbc.2013.045>.
10. Nahla, A., **Hatamleh, R.**, Kader, Y. (2013) Female Public Jordanian University undergraduate students' intentions and attitudes toward breastfeeding: application of self-objectification theory Breastfeeding Review, (21), 3.
11. Abujilban, S Abuidhail, J Mrayan, L & **Hatamleh, R** (2017): Characteristics of pregnant Jordanian women dissatisfied with life: A comparison between satisfied and dissatisfied women's demographics, Health Care for Women International, 38, (556-570). DOI: 10.1080/07399332.2017.1289535. This reseah was funded by Hashemite university
12. **Hatamleh R.**, Zayed FF, Khasswneh MY, Abujilban S, Sinclair M. (2017) Maternal and fetal morbidity and mortality following multiple caesarean sections in Northern Jordan. Evidence Based Midwifery 51(1): 20-28.

13. Al-shdayfat, N. & **Hatamleh, R.** (2017) Syrian refugee women's reasons for not reporting violence, *International Journal of Nursing Education* 9(4): 96-100.
14. **Hatamleh, R;** Abuhammad, S; Rababah, H (2018) Breastfeeding knowledge and attitude scale: Arabic version *Evidence Based Midwifery* 16(2): 40-43.
15. **Hatamleh, R;** Maghydah, S; Abuhammad, S; Rababah, H (2018) Knowledge, attitudes and future intentions towards breastfeeding among undergraduate students at a Jordanian public university *Evidence based Midwifery* 16(4): 136-142.
16. Abujilban, S, **Hatamleh, R;** Al-shuqerat, S. (2018) The impact of a planned health education program on the compliance and knowledge of Jordanian women with anemia. *Women & health Journal* () pages DOI: 10.1080/03630242.2018.1549644. **This research was funded by Jordan University of Science and Technology in Jordan.**
17. Abuhammad, S., **Hatamleh, R.,** Howard, K., & Ahmad, M. (2018). Correlates and predictors of stigmatization of patients with mental illness among nursing students. *Journal of psychosocial nursing and mental health services*, 57(1), 43-51. **This research was funded by Jordan University of Science and Technology in Jordan.**
18. **Hatamleh, R;** Abujilban, S, AbuAbed, A; Abuhammad, S; (2019) The effects of a childbirth preparation course on birth outcomes among nulliparous Jordanian women. *Midwifery* 72(23-29).
19. **Hatamleh, R;** Abujilban, S, Abuhammad, S; & Shraideh, A. (2019). Maternal request for caesarean birth without medical indication in a group of healthy women: A Qualitative study in Jordan. *Midwifery Journal. Midwifery*, 79 (102543). Doi.10.1016/j.midw.2019.1025430266-6138.
20. **Hatamleh, R; Ali, R; & Elian, A. (2019) Epidural analgesia and its effects on maternal and neonatal outcomes: a retrospective comparable study in Northern Jordan. Evidence-based midwifery**, 17(4): 135-142.

21. **Hatamleh, R;** Abujilban, S, Abuhammad, S; Joseph, R Araiq, D (2021). Effect of the helping babies breathe training program: An experimental study on Jordanian Midwives' Knowledge and Skills. The Journal of perinatal & Neonatal Nursing.35(2)E11-E17. DOI: 10.1097/JPN.0000000000000485.

22. Abuhammad, S; **Hatamleh, R;** Alrawashdeh, M; Alrabadi, N; Mukattash, T; Abuhammad, M; Howard, K(2022). Personal attributes and attitudes to substance use disorder: A study among Jordanian undergraduate medical majors students Plos one, 17(2):e0263442 DOI:10.1371/journal.pone.0263442. **This research was funded by Jordan University of Science and Technology in Jordan.**

23. Abuhammad, S; **Hatamleh, R;**Gharaibeh, B; Kasem, A; Alrabadi, N. Undergraduate health profession students attitudes towards illicit substance user in Jordan. Heliyon Journal 7(2021) e07214. DOI: [10.1016/j.heliyon.2021.e07214](https://doi.org/10.1016/j.heliyon.2021.e07214). **This research was funded by Jordan University of Science and Technology in Jordan.**

24 **Hatamleh, R;** AbuAbed, A; Abujilban, S, Joseph, R. Using social media platforms to enhance the delivery of a childbirth education program. Accepted for publication Sep 08, 2022. The Journal of perinatal & Neonatal Nursing.

### **Funded projects**

1. Sinclair, M., McGlade, K., Comac, P., Kelly, B., Brown, H., **Hatamleh, R.**, Stockdale, J. Knowledge, Skill and Attitude of NI DHSSPS Healthcare Professionals towards Information and Communication Technology: A Report of a Northern Ireland Survey ISBN 13 978-1-85923-223-1, 2007 e1. **This research was funded by Ministry of health-Northern Ireland-UK.**

2. **Hatamleh, R.**, Sinclair, M.K., Kernohan, W.G., Bunting, B. (2008) Technological childbirth in Northern Jordan: findings from a prospective cohort study. Evidence based midwifery -The Royal College of Midwives, 6(4), 130-135. **This research was funded by University of Ulster-Northern Ireland-UK.**

3. Shaban, I; **Hatamleh, R.**, khresheh, R, Homer, C. (2011) childbirth practices in Jordanian public hospitals: consistency with evidence-based maternity care? *International Journal of Evidence-Based Healthcare*, 9:25-31. **This research was funded by AL-Bayt university in Jordan.**
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5. **Hatamleh, R.**, Shaban, I., Homer, C. (2012) Evaluating the experience of Jordanian women with maternity care services. *Health Care for women international Journal*, 34(6):499-512. doi:10.1080/07399332.2012.680996. **This research was funded by AL-Bayt university in Jordan.**
6. **Hatamleh, R.**, Sinclair, M., Kader, Y. (2012) Jordanian pregnant women's knowledge expectations, and informed choice of the second trimester ultrasound. *Evidence based midwifery -The Royal College of Midwives* 10, (3), 87-93. **This research was funded by Jordan University of Science and Technology in Jordan**
7. Nahla, A., **Hatamleh, R.**, Kader, Y. (2012) Intention and attitude towards Breastfeeding among undergraduate female students at a public Jordanian university. *Evidence based midwifery -The Royal College of Midwives*, 10(4), 119-124. **This research was funded by Jordan University of Science and Technology in Jordan.**
8. **Hatamleh, R.**, Sinclair, M.K., Kernohan, W.G., Bunting, B. (2013) The cumulative effect of Induction of Labour on maternal and infant morbidity in northern Jordan *International Research Journal of Basic and Clinical Studies* Vol. 1(7) pp. 87-102, November 2013[[View](#)

[Abstract](#)] [[Full Article - PDF](#)] [[Download Full Text](#)] pp. 87-102 (221 KB) *Int. Res. J. Basic Clin. Stud.* 2013; Vol., No.7 DOI: <http://dx.doi.org/10.14303/irjbc.2013.045>. **This research was funded by University of Ulster in Northern Ireland-UK.**

9. Nahla, A., **Hatamleh, R.**, Kader, Y. (2013) Female Public Jordanian University undergraduate students' intentions and attitudes toward breastfeeding: application of self-objectification theory *Breastfeeding Review*, (21), 3. **This research was funded by Jordan University of Science and Technology in Jordan.**

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10. Abujilban, S Abuidhail, J Mryan, L & **Hatamleh, R** (2017): Characteristics of pregnant Jordanian women dissatisfied with life: A comparison between satisfied and dissatisfied women's demographics, *Health Care for Women International*, 38, (556-570). DOI: 10.1080/07399332.2017.1289535. **This research was funded by Hashemite university.**

11. **Hatamleh R**, Zayed FF, Khasswneh MY, Abujilban S, Sinclair M. (2017) Maternal and fetal morbidity and mortality following multiple caesarean sections in Northern Jordan. *Evidence Based Midwifery* 51(1): 20-28. **This research was funded by Jordan University of Science and Technology in Jordan.**

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12. Al-shdayfat, N. & **Hatamleh, R.** (2017) Syrian refugee women's reasons for not reporting violence, *International Journal of Nursing Education* 9(4): 96-100. **This research was funded by AL-Bayt university in Jordan.**

13. Abujilban, S, **Hatamleh, R**; Al-shuqerat, S. (2018) The impact of a planned health education program on the compliance and knowledge of Jordanian women with anemia. *Women & health Journal* pp 748-759 DOI: 10.1080/03630242.2018.1549644. **This research was funded by Jordan University of Science and Technology in Jordan.**

14. Abuhammad, S., **Hatamleh, R.**, Howard, K., & Ahmad, M. (2018). Correlates and predictors of stigmatization of patients with mental illness among nursing students. *Journal of psychosocial nursing and mental health services*, 57(1), 43-51. **This research was funded by Jordan University of Science and Technology in Jordan.**

15. **Hatamleh, R;** Abujilban, S, AbuAbed, A; Abuhammad, S; (2019) The effects of a childbirth preparation course on birth outcomes among nulliparous Jordanian women. *Midwifery* 72(23-29).

16. Abuhammad, S; **Hatamleh, R;** Alrawashdeh, M; Alrabadi, N; Mukattash, T; Abuhammad, M; Howard, K(2022). Personal attributes and attitudes to substance use disorder: A study among Jordanian undergraduate medical major. *Plos one*, 17(2):e0263442  
DOI:10.1371/journal.pone.0263442. **This research was funded by Jordan University of Science and Technology in Jordan.**

17. Abuhammad, S; **Hatamleh, R;**Gharaibeh, B; Kasem, A; Alrabadi, N. Undergraduate health profession students attitudes towards illicit substance user in Jordan. *Heliyon Journal* 7(2021) e07214. DOI:[10.1016/j.heliyon.2021.e07214](https://doi.org/10.1016/j.heliyon.2021.e07214). **This research was funded by Jordan University of Science and Technology in Jordan.**

18 **Hatamleh, R;** AbuAbed, A; Abujilban, S, Joseph, R. Using social media platforms to enhance the delivery of a childbirth education program. Accepted for publication Sep 08, 2022. *The Journal of perinatal & Neonatal Nursing*.

### **Manuscripts under Development**

1. Evaluation of implementing Midwifery-led Antenatal care clinic in Jordan.

2. Adapting the Quality Maternal and Newborn care (QMNC) framework to evaluate models of antenatal care: A Jordanian pilot study. This project aims to explore whether (and to what extent) service providers and service users agreed that, within their experience, the characteristics of care outlined in the QMNCF were features of antenatal care.
3. Impact of a Planned Health Educational Program on knowledge, preventive practices and the recurrence of urinary tract infection among Jordanian Pregnant women.
4. Impact of a Planned Health Educational Program on knowledge, body mass index, and birth outcomes among Jordanian Pregnant women.
  
5. The midwives' attitude toward the use of Cardiotocograph (CTG) machine in labor unit in Jordan
  
6. midwives perceptions of barriers to implementing evidence-based practice in northern Jordan.

### **Selected National, Regional and International Conferences**

- Scientific day at National Women Friendly Health Centers (NWHCC, MOH, RMS,IFH). paper presented entitled “Perceptions & experiences of midwives and nurses who conducted home visits after attending the home visits- related workshop”. 2021
- Research ethics, deanship of research at Jordan university of science and technology.
- International Nursing Congress” Innovative Avenues Practice drives Education, Research policy at Jordan university of science and technology.

- The National conference on the occasion of 25th anniversary of the establishment of Jordanian National Commission for Women (JNCW) and celebration of International women's day entitled: Women's Economic Participation in the Changing World Work in Amman-Jordan. March 8, 2017.
  - The Scientific day "Contemporary Issues in Nursing Care: Today & Tomorrow" that was held in Al al-Bayt University- Mafraq- Jordan 9th of May 2016.
  - The International Nursing Conference: "Improving Clients' Outcomes Through Implications of Scientific Evidence" that was held in Zarqa University in Jordan 6 – 7 April 2016.
  - The 2nd International Medical Conference; Quality Use of Medicines and Patient Care: An Inter-professional Approach at Applied Science University in Amman, Jordan March 13-14, 2016. Poster Presentation: Epidural Analgesia and its Impacts on Maternal and Neonatal Outcomes: A Jordanian Study.
  - Towards the efficiency of educational technology in supporting and development of the industry sector, the consultative Center for Science and technology/JUST 2012.
  - The sixth scientific day on April 27th, at Faculty of Nursing, Mutah University, Al-Karak –Jordan 2011.
  - The Third International Conference: The Heart of the Matter: Relevance of Nursing Responsiveness 27th-28th April, 2010 Amman-Jordan.
  - The 4th Jordanian international Nursing Conference: "The Tipping Point: Creative Solutions to Health and Nursing Challenges", Amman, Jordan April 23-24, 2013.
- The 6th International Conference of The Royal Medical Services. The conference was held in King Hussein Bin Talal Convention Center managed By Hilton, Dead Sea, Amman, Jordan, Nov. 19-22, 2012.
- International Confederation of Midwives 28<sup>th</sup> Triennial Congress, Glasgow/ UK 1-5 June (2008).
  - **2006:** Birth technology: Induction of birth and its impact on maternal and fetal mortality and morbidity in Northern Jordan. The



first Jordanian Nursing Council international conference: Global citizenship Amman-Jordan. **(Presenter)**

- **2006:** An evaluation of the impact of induction of birth on maternal, fetal, and neonatal morbidity submitted to the 7<sup>th</sup> annual interdisciplinary Research Conference (8<sup>th</sup> 10<sup>th</sup> November 2006). Transforming Health Care through research, Education and teaching Trinity College/Dublin. **(Presenter)**
- **2006:** presentation of my PhD findings: Morbidity and mortality associated with induction of birth in Northern Jordan at Maternal, fetal and child health, incorporating Midwifery Research Colloquium 11, University of Ulster/UK. **(Presenter)**
- **2005:** Birth technology: Induction of birth and its impact on maternal and fetal mortality and morbidity in Northern Jordan. Presented at the 6<sup>th</sup> annual interdisciplinary Research Conference (2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> November 2005. Transforming Health Care through research, Education and teaching held in Trinity College/Dublin. **(Presenter)**
- **2005:** presentation of preliminary finding of PhD thesis (third seminar) at Workshop of midwifery colloquium 1/University of Ulster/UK. **(Presenter)**
- **2004:** presentation of PhD methodology (second seminar), University of Ulster/UK. **(Presenter)**
- **2002:** presentation of PhD proposal first seminar at The University of Ulster/UK. **(Presenter)**

### **Sample of Master's Thesis Advising;**

- Factors influencing role transition to professional nurse among newly employed Bahraini nurses at Ministry of Health. Under review
- Jordanian women's perceptions of How well their vaginal examinations were managed by health care providers and its impact of their future fertility.
- Knowledge, attitudes, and future intention toward breastfeeding among undergraduate students at Jordanian public university.

- Epidural analgesia and its impact on maternal and neonatal outcomes: a Jordanian study.
- Maternal request for caesarean birth without medical indication in a group of healthy women: A qualitative study in Jordan.
- The impact of a planned health education program on the compliance and knowledge of Jordanian pregnant women with anemia.
- Effect of Helping Babies Breath Training Program: An experimental study on Jordanian Midwives' Knowledge and Skills.
- Evaluation of the effect of childbirth educational program on self-efficacy, anxiety and birth outcomes among first time Jordanian mothers.
- Evaluation of the effect of childbirth educational program on birth outcomes among first time Jordanian mothers.
- Hygiene habits and sexual practices among Jordanian pregnant women and its association with risk for UTI: a correlational study.

### **Sample of examined thesis (PhD and Master)**

- External examiner for Doctor of philosophy in nursing, PhD student, University of Jordan/ School of Nursing 2021.
- External examiner for proposal partial fulfilment of the requirement for the degree of Doctor of philosophy in nursing, PhD student, University of Jordan/ School of Nursing 2020.
- “Jordanian nurses’ knowledge and perceptions toward breast milk storage” on June 2017.
- The effect of a planned health educational program on Jordanian women’s knowledge of warning signs of pregnancy complications” on January 2014
- “The impact of guided imagery on mothers’ comfort level during labour” on Sep. 2013
- Father support during childbirth May 2012
- Knowledge and attitude of Jordanian mothers of newborns toward the heel prick test: Across sectional study.
- Sociocultural factors associated with the development of postnatal anxiety symptoms.

### **Sample of reviewed paper**

- Exploring Jordanian women's experience of pelvic examination
- Reproductive and Maternal Health Challenges of Pregnant Women in Ethiopia.
- Reviewed many paper for Evidence based midwifery one paper about Antenatal Education in Jordan: A rapid Appraisal. Midwifery Journal
- Professional concerns of role model nursing instructors: A qualitative study.
- Women's experiences of childbirth in Middle Eastern countries: A narrative review, Applied nursing research Journal
- Comparing the effect of childbirth preparation courses by two methods of in-person training and social media-based training on pregnancy experience, fear of childbirth, and type of delivery in pregnant women: A quasi-experimental study PLOS Journal
- Caesarean delivery on maternal request in Israel: a survey of maternity department policies and obstetricians' perspectives" for Women's Health

### **Workshops at the level of faculty, university and community**

**2022:** Developing skills for developing teaching online, 30-31 March, Academic Development center, Jordan University of Science and Technology

**2021:** Conducting training package for staff nurses and midwives on home visit and developing guideline for home visit at the National Woman's Health care center, Amman, Jordan.

2007-now Faculty of Midwifery students' advisor

**2019:** Lippincott advising and procedures, Faculty of Nursing, Jordan University of Science and Technology.

**2019:** E-Health, Faculty of Nursing, Jordan University of Science and Technology.

**2019:** How to write proposals for international funding, faculty of nursing, Jordan University of science and technology.

**2018:** Participated in several activities on women's health promotion for Jordanian women in Irbid city, lecturing on osteoporosis, sexual transmitted diseases, postnatal care, baby care, and health problems that may occur among Jordanian pregnant women's such as urinary tract infection and anemia.

**2018:** Scopus and Mendeley Training, Library Unit, Jordan University of Science and Technology.

**2017:** Participating in a workshop about interactive learning held in JUST in cooperation with Royal Health Awareness Society (RHAS).

**2017.** Course planning and curriculum development. Academic development and quality assurance center, Jordan university of science and technology.

**2017.** Statistical analysis using Minitab. Academic development and quality assurance center, Jordan university of science and technology.

**2016:** Participating in the Breastfeeding Workshop for Mothers, entitled with "Mother Support: A mother friendly community" that was conducted on Saturday 6 August 2016, Landmark Hotel, Amman, Jordan.

**2015-** Attended a workshop on impact of changing contraceptive method mix on Jordan's total fertility rate, The Higher Population Council, Amman, Jordan.

**2015:** Breast self-examination training, Edoun health center.

**2014** Workshop on how to apply for FP7 Projects, Faculty of Scientific Research, Jordan University of Science & Technology.

**2013-** Helping baby breath training 15-16 Nov. sponsored by LDS Charities at Jordan University of Science and Technology: Faculty of Nursing.

**2013** – Neonatal Resuscitation training 17-18 Nov. sponsored by LDS Charities at Jordan University of Science and Technology: Faculty of Nursing.

**2012** -Statistical Analysis of Examinations & Research Data at Jordan University of Science and Technology: Academic Development & Quality Assurance Center (ADQAC).

**2009-** Curriculum Process, Faculty of Nursing, JUST.

**2008-** Clinical Teaching workshop faculty of nursing, JUST

**2007-** Testing and Evaluation, Jordan University of Science and Technology: Academic Development & Quality Assurance Center (ADQAC).

**2007:** Statistical Analysis procedures, Jordan University of Science and Technology: Academic Development & Quality Assurance Center (ADQAC).

**2012** -Statistical Analysis of Examinations & Research Data at Jordan University of Science and Technology: Academic Development & Quality Assurance Center (ADQAC).

**2010-** Breast self-examination training, Al-Sareeh health center.

**2009-** Curriculum Process, Faculty of Nursing, JUST.

**2009-** Clinical Teaching workshop faculty of nursing, JUST.

**2008-** Screening for breast cancer a collaboration with the Jordanian Hashemite fund for human development in the south part of Jordan.

**2007-** Testing and Evaluation, Jordan University of Science and Technology: Academic Development & Quality Assurance Center (ADQAC).

**2005-** Generic and Research Skills Training: It includes research methods, research planning and time management, information gathering, presentation skills (theory and practical), problem solving and creative thinking and technical writing, University of Ulster/UK.

**2005** -Technical writing skills at clinical research support center training Workshop, University of Ulster/UK.

**2004-** Lecturing training: An introduction to learning and teaching for postgraduate tutors and demonstrators course, University of Ulster/UK.

**2001-** Computer training Window 98 Software 32 training hours, The consultative center for science and technology, department of continuing education/ JUST.

**2000-** Planning and conducting training program for improving Syrian students' nursing skills, Faculty of Nursing, JUST.

**1994-** Basic cardiac life support, The Directorate of the Royal Medical Services/ Jordan Armed Forces, Amman-Jordan.

**1993-** Pediatric and neonatal nursing course, The Directorate of the Royal Medical Services/ Jordan Armed Forces, Amman-Jordan .

**1992-** Neuro-Medical surgical nursing course, The Directorate of the Royal Medical Services/ Jordan Armed Forces, Amman-Jordan .

## **Curriculum Development & Course Development Experience**





- Revision of master program for maternal and newborn health at Jordan University of Science and Technology for Compliance with the Jordanian's National Council on Higher Education-2020-2021.
- Revision of BSc Midwifery curriculum at Jordan University of Science and Technology for Compliance with the Jordanian's National Council on Higher Education- 2020 -2021.
- Course development, Nutrition for woman and baby for midwifery program 2018 Faculty of Nursing, JUST University
- Course development, Emergency obstetrics for midwifery program Faculty of Nursing, JUST University **2019**
- Course Development, Gynecology for midwives for BSc. Midwifery program, Faculty of Nursing, JUST University **2018**.
- Revision of BSc Midwifery curriculum at Jordan University of Science and Technology for Compliance with the Jordanian's National Council on Higher Education- **2018 -2019**
- Curriculum development for postgraduate diploma in midwifery (head) – **2011**.
- Revision of BSc Nursing curriculum at Jordan University of Science and Technology for Compliance with the Jordanian's National Council on Higher Education- **2008 -2009**.
- Planning a training program for improving maternal health in five Northern Governorates in Iraq health sector, Faculty of Nursing, JUST, Jordan – **2009**.
- Revision of WHO Midwifery educator core competencies- April **2013**
- planning two workshops with Associate professor of nursing Zepure Boyadjian Fulbright fellow, Saint Xavier University, Chicago, USA. First one on using high fidelity simulation scenarios and tools in teaching nursing students. Second one on concept mapping as a teaching and learning tool for nursing students to enhance nursing students' critical thinking skills Meeting.
- Revision of BSc midwifery curriculum at Jordan University of Science and Technology for Compliance with the Jordanian's National Council on Higher Education.
- Planning and developing a master program in Midwifery-**2013**

- Revision of bridging BSC Nursing curriculum at Jordan University of Science and Technology for Compliance with the Jordanian's National Council on Higher Education- **2013 -2014**.
- Revision of bridging BSC Midwifery curriculum at Jordan University of Science and Technology for Compliance with the Jordanian's National Council on Higher Education- **2014 -2015, 2016-2017**.
- Course development, Introduction to midwifery for BSc Midwifery program at Jordan University of Science and Technology.

### **Work with Community**

- 2021: conducted workshop Training of Trainers on community health for midwives and nurses working in Women Friendly Health Centers (NWHCC, MOH, RMS,IFH).
- 2021:Conducted workshop training about cardiopulmonary resuscitation for midwifery students
- 2020:Conducted workshop training about helping baby breath for midwifery students
- 2019: conducted lecture about urine incontinence and pelvic floor muscle exercise at women social center.
- 2018: conducted lecture about sexual and hygiene practices for prevention of urinary tract infections during pregnancy.
- 2018: Development of childbirth preparation booklet for pregnant women: printed by the Royal medical services and presently used as a standard care at all antenatal clinics of military hospitals.
- 2018: Conducted a lecture to a group of postpartum women in Badea' Teaching Hospital about the importance of danger signs that might appear on mothers and their newborn during postnatal period.
- 2018: Conducted a lecture about preconception care to a group women and men at Edoun health care center.
- 2018: Participated in Breast self-examination training program for female students in Alsareeh public School.

- 2018: Organizing and participating in open bazaar day with midwifery students at JUST.
- 2017: Participated in several activities for the female students in Al-Sareeh comprehensive school: Lecturing on personal hygiene and changes that occur during adolescent period.
- 2016: Participating in the Breastfeeding Workshop for Mothers, entitled with "Mother Support: A mother friendly community" that was conducted on Saturday 6 August 2016, Landmark Hotel, Amman, Jordan.
- 2016- conducted lecture about anemia among children: causes, risk factors, and management.
- 2015-conducted a planned health education package on anemia for pregnant women with anemia at the antenatal clinics at Badea' hospital.
- 2014- Conducted lecture on urinary tract infection for pregnant women and their husbands at the antenatal clinics at Badea' hospital.
- 2013-present: Training for graduate student on Helping baby breath and neonatal resuscitation.
- 2012- Breast self-examination training, Al-Sareeh health center.
- 2009- External examiner for Jordan University for exit exam for the fourth year nursing students.
- 2007- .External examiner at Al Hashemite University for exit exam for the fourth year nursing students.
- 2009- Participated in the focus group discussion of the new Reproductive Health Strategy for the years 2013-2019, Amman-Jordan.
- 2008- Screening for breast cancer a collaboration with the Jordanian Hashemite fund for human development in the south part of Jordan.
- 2006- Active participant in the National campaign for encouraging females to enroll in midwifery program.

## **Employment History**

- Associate professor, Faculty of Nursing, Jordan University of Science and Technology, 2012-current.
- Acting chairperson of Maternal and child Health and Midwifery Department, Faculty of Nursing, Jordan University of Science and Technology, 2012.
- Assistant Professor, Faculty of Nursing, Jordan University of Science and Technology, 2006-2012.
- Postdoctoral research associate, the institute of Nursing Research, University of Ulster, UK. Jan. 2006 - August 2007.
- Teaching and Research Assistant, Faculty of Nursing, Jordan University of Science and Technology, 1999-2001.
- Double qualified Midwife, Royal medical services, 1998-1999.
- Neonate senior staff nurse, Royal medical Services 1994-1996.
- Critical care staff nurse for adult, Royal medical Services 1990-1994.
- Pediatric staff nurse, Royal medical Services 1989-1990.

## **Knowledge;**

- Knowledge and experience of undertaking research using both quantitative and qualitative research methods.
- Experience of running focus groups and workshops.
- Record of research publications in peer-reviewed journals.
- Experience of presenting research findings to a variety of audiences.
- Experience of supervising/line management of research staff.
  
- Experience of delivering training sessions
- Awareness of Data Protection, Research & Clinical Governance guidelines and Ethical requirements.

## **Skills Profiles;**

- Excellent communication and interpersonal skills.
- Proficient in word processing, AMOS, and other databases beside SPSS.
- Good organizational skills and attention to detail.

- Ability to manage time, workload and priorities with minimal supervision.
- Ability to write for different audiences.
- Ability to write for publication.
- Willingness and ability to learn new skills as appropriate.
- Ability work well as part of a team and under own initiative.
- Flexible and adaptable approach to working.
- Understanding and respect for confidentiality.
- Self motivated.

