

**Khulood Kayed Shattnawi**

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**Date of birth:** 16 Nov 1969**Nationality:** Jordanian**Address:** Faculty of Nursing

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**Email:** [khuloods@just.edu.jo](mailto:khuloods@just.edu.jo)**Marital Status:** Married**Languages:** Arabic, English**Professional Statement**

I am currently an associate professor at the department of maternal and child health nursing/ faculty of nursing at Jordan University of Science and Technology (JUST). I received a BS in nursing from JUST University, an MS in neonatal nursing from the University of Windsor/ Canada in 2001, and received a PhD degree from Anglia Ruskin University/ UK in 2014. Since I received my PhD degree, I have been teaching various subjects of nursing to both undergraduate and graduate nursing students. In addition, I have held a variety of positions, including chairperson for the maternal and child health department at the faculty of nursing/ JUST. I have been also involved in several research projects that cover a wide range of healthcare topics. One of the most important projects that I have been involved with is the development of a new surveillance system called Jordan Stillbirth and Neonatal Deaths Surveillance System (JSANDS), Which aims to monitor births, perinatal deaths, neonatal deaths, and stillbirths in Jordan. JSANDS is an electronic surveillance system that automatically collects, reports, and transfers standardized perinatal mortality data to the Ministry of Health (MoH) in Jordan and identifies the causes of stillbirths and neonatal deaths. JSANDS is linked to a quality improvement system. The system supports the most basic acknowledgment of human rights namely one's existence, by counting all births and deaths occurring in the selected hospitals including births and deaths in Jordan. The surveillance system collects the data that is necessary to create equity indicators. Moreover, the system reports data on other maternal and child health indicators such as caesarean section rate, preterm delivery rate, and low birth weight delivery rate. The software automatically produces useful indicators on the quality of maternal and child health services, and other equity and quality indicators in the health system. In addition, the system has a quality improvement tool "BABIES MATRIX" that links mortality to birth weight and timing of death to determine the appropriate intervention package that would have the greatest impact in preventing adverse outcomes. Several manuscripts were published in international peer reviewed journals about JSANDS or using data from JSANDS that showed and demonstrated the usefulness of JSANDS (please visit the JSNADS website: <http://www.jsands.jo/>).

I have also published numerous articles in scholarly specialized journals that are classified (Q1 or Q2) within the database Scopus. My research interests are neonatal nursing, Children with chronic health conditions, and qualitative research.

**Position** Associate Professor/ Vice Dean  
Maternal and Child Health Department / Faculty of Nursing. Jordan  
University of Science and Technology

**Research Interests**

- Children with chronic health conditions
- Neonatal nursing
- Qualitative research

**Education**

**2010-2014** Anglia Ruskin University/ Cambridge, U.K.  
PhD in Nursing/ Faculty of Health, Social Care and Education

**Thesis title** ‘Suspended liminality: breastfeeding and becoming a mother in two NICUs in Jordan

**1999-2001** University of Windsor: Windsor, Canada  
Degree of Master of Science in nursing (MSN)

**Major** Human Response and Adaptation to Alteration in Health

**Major paper title** Factors that Interfere with Early Initiation of Breastfeeding for Premature Infants in Jordan.

**1987-1991** Jordan University of Science and Technology  
Irbid-Jordan  
Degree: Bachelor of Science in Nursing.

**Certification and Workshops**

**13-15/10/2022** E-learning media / building a website and placing it on the university server

**22/6/2022** Integrating Scientific Research & Big Data Tools: Challenges & Approaches. Big data science & AI center. The Hashimite University

**1-2/6/2022** Applying Quality Matters Rubric

**24-25<sup>TH</sup> Januray 2019** Workshop on Obstetric emergencies and neonatal resuscitation. Dubai, UAE.

**23<sup>rd</sup> June 2016- Recent** Clinical Nurse Specialist/ Pediatric – neonatal Nursing

**15<sup>th</sup> September 2016** Fellowship in Responsible Conduct of Research. University of California San Diego (UCSD)/ Extension in collaboration with Jordan University of Science and Technology (JUST).

**11<sup>th</sup> May 2015** Publishing connect author workshop. Elsevier Publishing Campus. Presented by Marc Chahin. Jordan University of Science and Technology.

**20<sup>th</sup> – 21<sup>st</sup> January 2015** E-Learning - Open Educational Resources (OER). 12 contact hours, Academic Development and Quality Assurance Center, Jordan University of Scince & Technology.

<b>18<sup>th</sup> – 19<sup>th</sup> January 2015</b>	Innovation teaching in higher education. 12 contact hours, Academic Development and Quality Assurance Center, Jordan University of Science & Technology.
<b>20<sup>th</sup>-21<sup>st</sup> August 2014</b>	Statistical Analysis using SPSS. 16 contact hours, The Consultative Center for Science & Technology, Jordan University of Science & Technology.
<b>26<sup>th</sup>- 28<sup>th</sup> October, 2009</b>	Solving People's Puzzle. 12 training hours. The Consultative Center for Science & Technology/ Jordan University of Science & Technology.
<b>April, 2009</b>	Modern University Instructional Methods. 12 training hours. Academic Development and Quality Assurance Center, Jordan University of Science & Technology.
<b>11-12 May 2009</b>	Test Development Workshop, CGFNS International, Amman, Jordan.
<b>13-14 May, 2009</b>	Clinical Teaching Workshop. CGFNS International. Amman-Jordan.
<b>20-23 January, 2008</b>	A training course: "Web Design using FrontPage. 12 training hours. The Consultative Center for Science & Technology/ Jordan University of Science & Technology.
<b>25-27 November, 2007</b>	A training course "Standards Management System: ISO 9001. 12 training hours. The Consultative Center for Science & Technology/ Jordan University of Science & Technology.
<b>April, 2007</b>	English Language Conversation. 60 contact-hours course
<b>18 – 22 June 2006</b>	Clinical Experience Evaluation (OSCE), Faculty of Medicine/ Jordan University of Science & Technology.
<b>15 – 17 Nov. 2005</b>	A Workshop on E-Learning System (Moodle). 20 training hours. The Consultative Center for Science & Technology/ Jordan University of Science & Technology.
<b>Winter, 2000</b>	Testing and Evaluation "University Examination". 12 training hours
<b>8-25 March, 1999</b>	"Effective Writing for Second Language Students". Workshop Series. Academic Writing Center. University of Windsor, Windsor, Ontario/Canada.
<b>Fall, 1999</b>	"Effective Writing for Second Language Students". Workshop Series. Academic Writing Center. University of Windsor, Windsor, Ontario/Canada.

### **Professional and Work Experiences**

September 2023 – present	Associate professor/ Vice Dean
April 2019 – present	Associate professor, Department of Maternal and Child Health Nursing/ Faculty of Nursing at Jordan University of Science and Technology.
Sept 2014 – April 2019	Assistant professor, Department of Maternal and Child Health Nursing/ Faculty of Nursing at Jordan University of Science and Technology.

Apr 2014 – August 2016	Acting chairperson of Department of Maternal and Child Health Nursing & Acting chairperson of Department of Midwifery. Faculty of Nursing at Jordan University of Science and Technology (JUST).
2000-2009	Full time lecturer, Department of Maternal and Child Health Nursing/ Faculty of Nursing at Jordan University of Science and Technology.
1994-1999	Research and teaching assistant, Department of Maternal and Child Health Nursing/ Faculty of Nursing at JUST.
1992-1994	Registered nurse at JUST health center.
1991-1992	Registered nurse at Ministry of Health/ Jordan.

### **Courses Developed and Taught**

- Advanced health assessment/ Graduate level
- Acute care pediatric nursing/ Clinical/ Graduate level
- Advanced Neonatal Nursing Theory/ Graduate level
- Seminar in Nursing/ Graduate level.
- Health of normal newborn, high risk newborn and infants for midwifery students, theory and practice/ undergraduate level.
- Child Health Nursing, theory and practice/ undergraduate level.
- Growth and Development/ undergraduate level.
- Introduction to Nursing/ undergraduate level.
- Fundamental of Nursing/ undergraduate level.
- Advanced Research in Nursing/ graduate level.

### **National and International Conferences**

<b>9 -12 March, 2023</b>	Oral presentation titled: Experiences of Mothers of Children with Chronic Renal Failure Who Undergo Hemodialysis Therapy: A Jordanian Qualitative Study. International Congress of Woman's Studies, Harran University and Istanbul Gedik University, Istanbul, Turkey.
<b>17 September 2021</b>	Attendance of the World Patient Safety Day 2021 Virtual Global Conference "Together for safe and respectful maternal and newborn care"
<b>24-25 January 2019</b>	Attendance of the 3 <sup>rd</sup> Annual Dubai International Nursing & Midwifery Congress. Dubai, UAE
<b>15-17 Oct., 2018</b>	Oral presentation titled: The relationship between plasma ferritin levels and body mass index among adolescents. Presented at the International Nursing Congress "Innovative Avenues: Practice drives Education, Research, and Policy. Jordan, Jordan University of Science and Technology.
<b>13-15 August, 2018</b>	Oral presentation titled: The effect of short duration skin to skin contact on premature infants' physiological and behavioural outcomes: a quasi-experimental study. Presented at the International Conference on Pediatrics and Neonatology (ICPN) in Rome, Italy.

- 10-12 June, 2015** Oral presentation titled: Health care professionals' attitudes and practices in supporting and promoting the breastfeeding of preterm infants in two Jordanian NICUs. Presented at the Sixth Nutrition and Nurture in Infancy and Childhood Conference. Maternal and Infant Nutrition and Nurture Unit (MAINN), School of Health, University of Central Lancashire.
- 10-12 June, 2013** Oral presentation titled: An ethnography of breastfeeding preterm infants in two neonatal intensive care units in Jordan. Presented at the Fourth Nutrition and Nurture in Infancy and Childhood: Bio-cultural Perspectives Conference. Maternal and Infant Nutrition and Nurture Unit (MAINN), School of Health, University of Central Lancashire.
- 7-8 September, 2012** Poster presentation titled: Exploring Mothering a Preterm Infant and Breastfeeding Experiences in Two Jordanian Neonatal Units. Presented at Nottingham International Conference for Education and Research in Midwifery.
- 11 March, 2011** 9<sup>th</sup> MedHealth Arab Hospitals Federation Conference. Beirut, Lebanon.
- May, 2010** The Fourth Annual Research Student Conference. Anglia Ruskin University Chelmsford Campus, Chelmsford, UK.
- Oct., 2000** Ontario Regional Conference 2000. University of Windsor. Windsor, Ontario/Canada.
- 23 & 24 September, 1999** Breastfeeding Challenges: Evidence-Based Practice. Mount Sinai Hospital. Toronto, Ontario/Canada.
- May 1998** Attending The 5<sup>th</sup> international Middle East Nursing Conference “Mobilizing for Excellence in Nursing forward the Year 2000: A global perspective for Nursing” At Jordan University of Science and Technology Irbid –Jordan.
- May 1990** Attending The First international Middle East nursing conference about: Image of Nursing, at JUST, Irbid-Jordan.

#### **Faculty exchange visits**

- July 2003** Faculty exchange visit for “Strengthening the Undergraduate Midwifery Programme at JUST” to Queens University of Belfast and Middlesex University at London/ UK.

#### **Professional Consultancies**

- 2021-present** Committee member/ Pediatric Nursing Specialist exam committee. Jordanian Nursing Council.
- 2021** Referee for the Master's Program in Pediatric Nursing. College of Nursing at King Abdulaziz University/ Saudi Arabia.
- 2020** Steering Committee member for reviewing health courses at the The Royal Health Awareness Society.
- July, 8 – Aug, 5<sup>th</sup>, 2006** Short term consultant, Syrian Ministry of Health, Italian-Syrian Incorporation, Nursing Specialty Center. Taught pediatric health nursing, health care of newborn and high-risk infants, and growth and development courses.

April, 1 – April 30, 2006	Short term consultant, King Abdullah Hospital, HOPE Project. Taught nursing care of newborn and high-risk infants course.
July 2005	Short term consultant, Syrian Ministry of Health, Italian-Syrian Incorporation, Nursing Specialty Center. Taught pediatric health nursing and growth and development courses.
September 2003	Short term consultant (WHO), Syria – Tishrine University, School of Nursing. Taught pediatric health care nursing.

### Awards

2010-2014	Jordan University of Science and Technology Scholarship for the PhD study at Anglia Ruskin University/ UK
1999-2002	Canadian International Developmental Agency (CIDA) full scholarship for graduate study at University of Windsor/ Windsor Ontario, Canada
1991 until present	A member in Jordanian Registered Nurses and Midwives Council

### Projects

2018-2021	A team member and a Co-PI of Jordan Stillbirths & Neonatal Deaths Surveillance System (JSANDS) funded by UNICEF/ IDCR
2017-2018	A team member and a Co-PI of Evaluation of maternal and newborn services in Jordan funded by Share-Net International
2016-2018	A team member of the HiCure project that include 8 EU expert academics and 24 academics from Jordan and Palestine. This project was Funded through the EU Erasmus plus program, which developed an industry-driven curriculum in Health Informatics integrated across both computing and health-oriented undergraduate degrees.

### Grants

#### Internal Grants

2021	<b>Shattnawi, Khulood.</b> Jordan University of Science and Technology Scientific Research Fund. Thesis Oriented Research Grant (TORG). Experiences of Mothers of Children with Chronic Renal Failure Who Undergo Hemodialysis Therapy: A Jordanian Qualitative Study. Grant # 20210288. <b>Approved Amount (JOD): 270</b>
2021	<b>Shattnawi, Khulood.</b> Jordan University of Science and Technology Scientific Research Fund. Thesis Oriented Research Grant (TORG). Parenting a child with hydrocephalus during the Covid-19 Pandemic in Jordan. Grant # 20210265. <b>Approved Amount (JOD): 270</b>
2021	<b>Shattnawi, Khulood.</b> Jordan University of Science and Technology Scientific Research Fund. Thesis Oriented Research Grant (TORG). Neonatal Nurses' Perceptions of the End-of-Life Care Practice in Neonatal Care Units: A Jordanian qualitative study. Grant # 20210213. <b>Approved Amount (JOD): 400</b>

- 2020 **Shattnawi, Khulood.** Jordan University of Science and Technology Scientific Research Fund. Thesis Oriented Research Grant (TORG). Caregiving burden of parents of children with chronic diseases Grant # 20200188. **Approved Amount (JOD): 770**
- 2019 **Shattnawi, Khulood.** Jordan University of Science and Technology Scientific Research Fund. Thesis Oriented Research Grant (TORG). Experiences of Neonatal Intensive Care Units' Nurses as Mothers of Newborns in Neonatal Intensive Care Unit: A Jordanian Qualitative Study. Grant # 20190228. **Approved Amount (JOD): 570**
- 2019 **Shattnawi, Khulood.** Jordan University of Science and Technology Scientific Research Fund. Thesis Oriented Research Grant (TORG). Relation Between History of Child Abuse and Self-esteem Among Secondary School Students in Jordan: Direct and Indirect Effects. Grant # 20190431. **Approved Amount (JOD): 1548**
- 2018 **Shattnawi, Khulood.** Jordan University of Science and Technology Scientific Research Fund. Thesis Oriented Research Grant (TORG). Experiences of mothers of children with cancer in Jordan. Grant # 20180215. **Approved Amount (JOD): 210**
- 2018 **Shattnawi, Khulood.** Jordan University of Science and Technology Scientific Research Fund. Thesis Oriented Research Grant (TORG). Experiences of Jordanian Mothers parenting a child with Autism Spectrum Disorder Grant # 20180233. **Approved Amount (JOD): 150**
- 2016 **Shattnawi, Khulood.** Jordan University of Science and Technology Scientific Research Fund Faculty Member Research Grant. Effects of Kangaroo Mother Care approach on premature infants physiological outcomes. Grant # 538-2015. **Approved Amount (JOD): 7000**
- 2016 **Shattnawi, Khulood.** Jordan University of Science and Technology Scientific Research Fund Faculty Member Research Grant. The prevalence of iron deficiency anemia among school age children. Grant # 159-2016. **Approved Amount (JOD): 17000**

### Professional Associations/Memberships

2021-Present	<ul style="list-style-type: none"> <li>Member of the institutional review board at King Abdullah University Hospital.</li> </ul>
2015-Present	<ul style="list-style-type: none"> <li>Member of the International Society for Research in Human Milk and Lactation (ISRHML)</li> </ul>
1991-Present	<ul style="list-style-type: none"> <li>Member at Jordan Nurses and Midwives Council.</li> </ul>
2016- present	<ul style="list-style-type: none"> <li>Committee member/ Continuing Education Committee – Jordan University of Science and Technology (JUST)/ Faculty of Nursing</li> </ul>
2014- present	<ul style="list-style-type: none"> <li>Committee member/ Academic Advising Committee – Jordan University of Science and Technology (JUST)/ Faculty of Nursing</li> </ul>
2015-present	<ul style="list-style-type: none"> <li>Committee member/ Central Academic Quality committee – Jordan University of Science and Technology (JUST)/ Faculty of Nursing</li> </ul>
2017-2018	<ul style="list-style-type: none"> <li>Committee member/ University Council - Jordan University of Science and Technology (JUST)</li> </ul>
2016-2018	<ul style="list-style-type: none"> <li>Committee member: Faculty of Nursing Journal Club – Jordan University of Science and Technology (JUST)</li> </ul>
2017-2018	<ul style="list-style-type: none"> <li>Committee head: Faculty of Nursing Activity Committee – Jordan University of Science and Technology (JUST)</li> </ul>
2016-2017	<ul style="list-style-type: none"> <li>Committee member: Faculty of Nursing Activity Committee – Jordan University of Science and Technology (JUST)</li> </ul>
2017-2018	<ul style="list-style-type: none"> <li>Committee member: Faculty of Nursing Core Competencies for Undergraduate Program Committee– Jordan University of Science and Technology (JUST)</li> </ul>
2016-2018	<ul style="list-style-type: none"> <li>Committee member: Faculty of Nursing Committee of Scientific Research – Jordan University of Science and Technology (JUST)</li> </ul>
2016-2018	<ul style="list-style-type: none"> <li>Committee member: Faculty of Nursing Graduate Studies Committee – Jordan University of Science and Technology (JUST)</li> </ul>
2015-2017	<ul style="list-style-type: none"> <li>Committee member: Faculty of Nursing Curriculum Committee – Jordan University of Science and Technology (JUST)</li> </ul>
2015-2017	<ul style="list-style-type: none"> <li>Committee head: Faculty of Nursing WHO Collaborating Center Committee – Jordan University of Science and Technology (JUST).</li> </ul>



## Master Thesis Advising

<b>Advisor</b>	Maternal insights and perceptions of glycogen storage disease: A Jordanian qualitative study
	Experiences of Mothers of Children with Cerebral Palsy: A Jordanian Qualitative Study
	The lived experience of Adolescents with Transfusion Dependent Beta Thalassemia: A Jordanian qualitative study
	Living with type 1 diabetes: the experiences of Jordanian adolescents
	Experiences of Jordanian Mothers parenting a child with Autism Spectrum Disorder
	Experiences of mothers of children with cancer in Jordan
	Relation Between History of Child Abuse and Self-esteem Among Secondary School Students in Jordan: Direct and Indirect Effects
	Experiences of Neonatal Intensive Care Units' Nurses as Mothers of Newborns in Neonatal Intensive Care Unit: A Jordanian Qualitative Study
	Caregiving burden of parents of children with chronic diseases
	Neonatal Nurses' Perceptions of the End-of-Life Care Practice in Neonatal Care Units: A Jordanian qualitative study
<b>Co-advisor</b>	Experiences of Mothers of Children with Chronic Renal Failure Who Undergo Hemodialysis Therapy: A Jordanian Qualitative Study.
	Parenting a child with hydrocephalus during the Covid-19 Pandemic in Jordan
	Patients' perception toward hemodialysis and their needs
	Nurses' quality of work life and their turnover intention differences between public and private sectors in Jordan
<b>Internal examination</b>	Jordanian women experiences after undergoing unsuccessful in vitro fertilization
	Factors influencing knowledge of neonatal nurses regarding pain management in the north of Jordan
	The impact of emotional divorce on health and sexual wellbeing: Jordanian women perspective
	Interaction between health care providers and woman during childbirth: A Jordanian qualitative study
	Teachers' Perceptions' About Bullying at Schools: Descriptive Qualitative Study

The effects of violent media on children's aggressive behavior: the perspective of Jordanian parents

Jordanian nurses' and physicians perception of barriers toward implementing palliative care in intensive care unit

Neonatal Nurses' Perceptions of Pain Management Using Sweet Solutions: a Jordanian study

## Publications

- 2023** Prince, H., Khader, Y. S., Halasa-Rappel, Y. A., Khudair, S. A., Alyahya, M., Al-Sheyab, N., **Shattnawi, K.**, Alhamawi, R. & Ready, K. (2023, May). The Impact of Behavioral Economics-Based Counseling and Mobile Phone Text Educational and Reminder Messages on the Use of Modern Family Planning in Jordan: A Cluster Randomized Controlled Trial. In Healthcare (Vol. 11, No. 9, p. 1314). MDPI.
- 2023** Muntaha Gharaibeh, Nahla Al Ali, Jomana Odeh, **Khulood Shattnawi**, Separate souls under one roof: Jordanian women's perspectives of emotional divorce, Women's Studies International Forum, Volume 98, 2023, 102746, ISSN 0277-5395, <https://doi.org/10.1016/j.wsif.2023.102746>
- 2023** **Shattnawi, K. K.**, Al Ali, N., Almanasreh, A. A. A., & Al-Motlaq, M. A. (2023). Caregiver burden among parents of children with chronic diseases: A cross-sectional study. Journal of Clinical Nursing.
- 2023** **Shattnawi, K. K.**, Qananbeh, F. S., & Khater, W. (2023). The experiences of mothers of children with hydrocephalus in Jordan: A phenomenological study. Journal of Pediatric Nursing, 69, e127-e135.
- 2022** **Shattnawi, K. K.**, Younis, B., Omran, S. Neonatal Nurses' Perceptions and Needs of End-of-Life Care Practice: A Jordanian Qualitative Study. Journal of Hospice and Palliative care.
- 2022** **Shattnawi, K. K.**, Al-Ali, N., Ma'abreh, Y. M. Prevalence of Adverse Childhood Experiences and Their Relationship with Self-Esteem Among School-Age Children in Jordan. *Journal of Child Psychiatry & Human Development*. <https://doi.org/10.1007/s10578-022-01378-9>
- 2022** **Shattnawi, K. K.**, Al-Shdayfat, N., Joseph, R. Maternal Experiences of Providing Skin to Skin Contact to their Preterm Infants in a Neonatal Intensive Care Unit in Jordan. *Jordan Journal of Nursing Research* 1(1), 64-74.
- 2022** Khader, Y. S., Bawadi, H., Khasawneh, W., Alyahya, M. S., **Shattnawi, K.**, Al-Sheyab, N. A., ... & Batieha, A. (2022). Sociocultural, political, and health system-related determinants of perinatal deaths in Jordan from the perspectives of health care providers: a qualitative study. *The Journal of Maternal-Fetal & Neonatal Medicine*, 35(14), 2765-2774.

- 2021** Khader, Y.S., **Shattnawi, K.K.**, Al-Sheyab, N. et al. The usability of Jordan stillbirths and neonatal deaths surveillance (JSANDS) system: results of focus group discussions. *Arch Public Health* 79, 29 (2021). <https://doi.org/10.1186/s13690-021-00551-1>
- 2021** Khader, Y. S., Al-Sheyab, N. A., **Shattnawi, K. K.**, Alyahya, M. S., & Batieha, A. (2021). Walk the Talk: The Transforming Journey of Facility-Based Death Review Committee from Stillbirths to Neonates. *BioMed Research International*, 2021.
- 2021** **Shattnawi, K. K.**, Okour, H., Alnatour, A., Al-Sheyab, N., Mrayan, L., & Joseph, R. A. (2021). Caring for a Child with Cancer: Experiences of Jordanian Mothers. *Clinical Nursing Research*, 10547738211002021.
- 2021** **Shattnawi, K. K.**, Abdallah, I. H., Khater, W., & Alashram, S. A. (2021). Experiences of neonatal intensive care unit nurses as mothers of newborns in neonatal intensive care units: A Jordanian qualitative study. *Journal of Pediatric Nursing*.
- 2021** Alomari, M. A., Al-sheyab, N. A., **Shattnawi, K. K.**, & Khabour, O. F. (2021). Gender-specific differences in plasma ferritin in adolescents smoking cigarettes versus waterpipe smoking: the Irbid-TRY Project. *Archives of Medical Science*.
- 2021** Khader, Y., Alyahya, M., El-Khatib, Z., Batieha, A., Al-Sheyab, N., & **Shattnawi, K.** (2021). The Jordan Stillbirth and Neonatal Mortality Surveillance (JSANDS) System: Evaluation Study. *Journal of Medical Internet Research*, 23(7), e29143.
- 2021** Alyahya, M. S., Khader, Y. S., Al-Sheyab, N. A., **Shattnawi, K. K.**, Altal, O. F., & Batieha, A. (2021). Modifiable Factors and Delays Associated with Neonatal Deaths and Stillbirths in Jordan: Findings from Facility-Based Neonatal Death and Stillbirth Audits. *American Journal of Perinatology*.
- 2021** **Shattnawi, K. K.**, Khader, Y. S., Al-Sheyab, N., Alyahya, M. S., Ready, K., Halasa-Rappel, Y., & Prince, H. (2021). Perceived Barriers of Using Modern Family Planning Methods among Women in Jordan: A Qualitative Study. *International Journal of Community Based Nursing & Midwifery*.
- 2021** Khater, W. A., Akhu-Zaheya, L. M., Al-Nabulsi, H. W., **Shattnawi, K. K.**, Shamieh, O., & Joseph, R. (2021). Barriers to implementing palliative care in intensive care units: perceptions of physicians and nurses in Jordan. *International Journal of Palliative Nursing*, 27(2), 98-106.
- 2020** **Shattnawi, K. K.**, Khader, Y. S., Alyahya, M. S., Al-Sheyab, N., & Batieha, A. (2020). Rate, determinants, and causes of stillbirth in Jordan: Findings from the Jordan Stillbirth and Neonatal Deaths Surveillance (JSANDS) system. *BMC Pregnancy and Childbirth*, 20(1), 1-8.
- 2020** Al-sheyab, N. A., Khader, Y. S., **Shattnawi, K. K.**, Alyahya, M. S., & Batieha, A. (2020). Rate, risk factors, and causes of neonatal deaths in Jordan: Analysis of data from Jordan stillbirth and neonatal surveillance system (JSANDS). *Frontiers in Public Health*, 8, 706.

- 2020**      **Shattnawi, K. K.,** Bani, Saeed, W. A. M., Al-Natour, A., Al-Hammouri, M. M., Al-Azzam, M., & Joseph, R. A. (2020). Parenting a Child with Autism Spectrum Disorder: Perspective of Jordanian Mothers. *Journal of Transcultural Nursing*, 1043659620970634.
- 2020**      Khader, Y. S., Bawadi, H., Khasawneh, W., Alyahya, M. S., **Shattnawi, K.,** Al-Sheyab, N. A., ... & Al-Hamdan, Z. (2020). Sociocultural, political, and health system-related determinants of perinatal deaths in Jordan from the perspectives of health care providers: a qualitative study. *The Journal of Maternal-Fetal & Neonatal Medicine*, 1-10.
- 2019**      Al-Sheyab, N.A.; Alomari, M.A.; Khabour, O.F.; **Shattnawi, K.K.;** & Alzoubi, K.H. (2019). Assent and consent in pediatric and adolescent research: school children's perspectives. Adolescent Health, Medicine and Therapeutics. DOI <https://doi.org/10.2147/AHMT.S185553>
- 2019**      **Shattnawi, K.K.** and Al-Ali, NM. (2019). The Effect of Short Duration Skin to Skin Contact on Premature Infants' Physiological and Behavioural Outcomes: A Quasi-Experimental Study. (2019). *Journal of Pediatric Nursing*.doi: 10.1016/j.pedn.2019.02.005.
- 2019**      **Shattnawi, K.K.** Al-Ali, NM. & Alnuaimi K. (2019). Neonatal Nurses' Knowledge and Beliefs about Kangaroo Mother Care in NICUs: A Descriptive Cross-Sectional Study. *Nursing and Health Sciences*. doi: 10.1111/nhs.12605.

- 2018** Nahla Mansour Al-Ali, Hadeel Said Yaghy, Khulood K. **Shattnawi** & Noha M. Al-Shdayfat (2018): Parents' Knowledge and Beliefs about the Impact of Exposure to Media Violence on Children's Aggression, Issues in Mental Health Nursing, DOI:10.1080/01612840.2017.1422201 <https://doi.org/10.1080/01612840.2017.1422201>
- 2018** Yousef S Khader, Mohammad S Alyahya, Nihaya A Al-Sheyab, **Khulood K Shattnawi**, Hind Rajeh Saqer, Anwar Batieha. (2018). Evaluation of maternal and newborn health services in Jordan. *Journal of multidisciplinary healthcare*.
- 2018** Nahla Mansour Al-Ali, **Khulood K Shattnawi**. (2018). *Bullying in School*. Health and Academic Achievement. IntechOpen.
- 2018** **Khulood, K. Shattnawi**, Mahmoud, A. Alomari, Nihaya, Al-Sheyab, Ayman, Bani Salameh. (2018). The relationship between plasma ferritin levels and body mass index among adolescents. *Sci Rep* [Internet]. 2018;8(1):15307. Available from: <http://www.nature.com/articles/s41598-018-33534-4>
- 2017** Alnuaimi, K., Kassab, M., Ali, R., Mohammad, K., & **Shattnawi, K.** (2017). Pregnancy outcomes among Syrian refugee and Jordanian women: a comparative study. *International Nursing Review*. <http://doi.org/10.1111/inr.12382>
- 2017** **Shattnawi, K. K.** (2017). Healthcare Professionals' Attitudes and Practices in Supporting and Promoting the Breastfeeding of Preterm Infants in NICUs. *Advances in Neonatal Care*. <http://doi.org/10.1097/ANC.0000000000000421>
- 2015** **Shattnawi, K. K.** (2015). Suspended Liminality: Breastfeeding and Becoming a Mother in Two NICUs. *International Journal of Advanced Nursing Studies*. 4 (2), 75-84. DOI: [10.14419/ijans.v4i2.4877](https://doi.org/10.14419/ijans.v4i2.4877)
- Under review**
- Shattnawi, K. K., Al-Ali, N., Almanasreh, A., Al-Motlaq, M.** Caregiver burden among parents of children with chronic diseases. *Journal of Clinical Nursing*
- Shattnawi, K. K.,** Ethnography as a Research Method in Nursing Research: A reflection Paper. *Nursing Philosophy*
- Shattnawi, K. K., Zayed, D.** Experiences of mothers of children with end stage renal failure on dialysis: A Jordanian qualitative study. *Child: Care, Health & Development*
- Shattnawi, K. K., Qananbeh, F. Khater, W.** The Experiences of Mothers of Children with Hydrocephalus in Jordan: A phenomenological Study. *Journal: Journal of Pediatric Nursing*