

Curriculum Vitae

Mohammad Nazzal, PhD, OTR/L
Assistant Professor of Occupational Therapy
American Board of Occupational Therapy



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Education Profile

2005- 12/2008	Texas Woman's University	Houston, TX, USA .
	<ul style="list-style-type: none">▪ Doctor in Philosophy Degree (PhD) Candidate in Occupational Therapy▪ GPA: 4.0▪ Phi Kappa Phi Honor Award▪ Dissertation: The prayer ritual: A spiritual occupation Chair: Gayle Hersch, PhD, OTR Members: Sally Schultz, PhD, OTR; Josephine Chan, PhD, OTR, CHT; Suzanne Peloquin, PhD, OTR and Evelyn Andersson, PhD, OTR	
2002- 2004	Nova Southeastern University	Fort Lauderdale, Florida, USA.
	<ul style="list-style-type: none">▪ Master's in Occupational Therapy (MOT)▪ GPA: 87.1%	
1993- 1997	Jordan University of Science & Technology	Irbid, Jordan.
	<ul style="list-style-type: none">▪ BS in Nursing, 1997.▪ On honor lists of F/1995, SP & F/1996, SP/1997.	

Work Profile

Administrative:

9/2016- 1/2017	Director - Department of Academic Development Center for Academic Development and Quality Assurance	JUST, Irbid, Jordan
9/2012- 9/2014	Chairman – Department of Rehabilitation Sciences	JUST, Irbid, Jordan
2/2012- 9/2012	Chairman – Department of Allied Medical Sciences	JUST, Irbid, Jordan
2/2010- 9/2012	Assistant Dean – Faculty of Applied Medical Sciences	JUST, Irbid, Jordan
2/2010- 2/2012	Head – Division of Occupational Therapy	JUST, Irbid, Jordan

Academic:

2/2009- Present	Assistant Professor of Occupational Therapy	JUST, Irbid, Jordan
9/2011- Present	Adjunct Assistant Professor	Jordanian German University, Jordan
2006- 2008	Graduate Teaching Assistant	Texas Woman's University TX, USA

Non/academic:

9/1998- 2/2002	Qatar Armed Medical Services	Doha, Qatar
7/1997- 9/1998	Arab Center for Heart & Special Surgery	Amman, Jordan

Academic Experience and committees

• International Experience:

2017- Present	Member- Elizabeth Casson Trust PhD studentship Steering Group, Oxford Brookes University, Oxford, United Kingdom.
10/2016- Present	Grant Coordinator (Erasmus + CBHE Project Grant Holder): Establishment of an interdisciplinary clinical master programme in Rehabilitation Sciences at JUST (JUST-CRS). Reference number 573758- EPP-1-2016-1-JO-EPPKA2-CBHE-JP.
Ongoing – present	Reviewer – Journal articles and Proposals to scientific research boards ○ OTJR: Occupation, Participation and Health Journal - SAGE ○ Palestinian Scientific Research Fund- Ministry of Higher Education, Palestinian Authority
2006- 2008	American Society of Hand Therapy/ TWU Hand Therapy Conference: Online Continuing Education Administrator, Texas Woman's University (TWU), Texas, USA.

- **Internal Experience at JUST**

2016 – Present	Erasmus Department Coordinator- International Credit Mobility Projects
2013 – Present	Contact Officer and Liaison – Higher Council for Affairs of People with Disabilities at Jordan University of Science and Technology.
07/2016- Present	Member consultative committee on International Academic Relations at Jordan University of Science & Technology. Office of International Relations, JUST, Irbid, Jordan.
11/2016- Present	Member - consultative committee on establishment of centralized Scientific research and laboratories' center at JUST.
10/2016- Present	Member – University Quality Assurance committee at JUST.
02/2009- Present	Member – Allied Medical Sciences/ Rehabilitation Sciences Department Counsels.
02/2009- Present	Member – Various Committees' involvement (research, social, / Applied Medical Sciences Faculty.
02/2012- 9/2015	Member – Applied Medical Sciences Faculty Counsel.
09/2012- 9/2014	Chair – Curriculum committee – Department of Rehabilitation Sciences.

- **National Experience:**

12/2014- 4/2016	Member- Steering committee of Low vision Program, GJU, Jordan
2015	Occupational Therapy Program Evaluator – Jordanian Society of Occupational Therapy and the World Federation for Occupational Therapists.
2013	Member of special committee on establishing the official national accreditation guidelines and regulations for Paramedics and Emergency Medicine higher education programs. Ministry of Higher Education, Amman, Jordan.
2011	Chair of special committee on establishing the official national accreditation guidelines and regulations for occupational therapy higher education programs. Ministry of Higher Education, Amman, Jordan.

Professional Service and Experience

2016	Attended “Preparing for ISO 9001:2015” Course. Lloyd's Register EMEA 27 - 28 September 2016
2015	Certified Trainer for Community based Rehabilitation, World Health Organization (WHO) Headquarter in Amman, Jordan, following a TOT program.
2014	Member – National Higher Committee on community-based rehabilitation

and the establishment of Jordanian national guidelines for CBR centers in Jordan, the Higher Council for the Affairs of People with Disabilities- Amman, Jordan.

- 2013 Participated in the thirteen meeting of the Washington group on Disability Statistics, Amman, Jordan, 29-31 October, 2013.
- 2012 Member of the special committee on Autism (Quality of services provided for Jordanian children with autism), Ministry of Health, Amman, Jordan
- 2009 Member of the Early intervention committee (Northern Jordan) of the Higher Council for the Affairs of People with Disabilities- Jordan

Teaching Profile:

- **Courses taught at JUST:**
 - Pediatric Rehabilitation I, II (Theory & Clinical)
 - Occupational Therapy for Physical Dysfunction (Theory & Clinical)
 - Research Methods for OT
 - Community Rehabilitation
 - Activity Analysis
 - Psychosocial Occupational Therapy- Group Therapy
 - Clinical Practice - In-patient Occupational Therapy
 - Clinical Practice - Pediatric
 - Clinical Practice – Physical Disabilities
 - Occupational Therapy Skills-1
 - Occupational Therapy Skills-2
 - Ethics for Healthcare Professions
 - Research Methods for Healthcare Professions
 - Splinting Methods and Hand Therapy
 - Musculoskeletal Assessment
 - Occupations as Therapy
- **Courses taught at Jordanian German University:**
 - VISR 795: Multidisciplinary Seminars
- **Courses taught at Texas Woman’s University:**
 - OT 5233 Occupational Contexts
 - OT 5352 Occupational Therapy Assessments
 - OT 5542 Quantitative research methods
 - Guest lecturer on ethnography, cultural diversity, and disability

Professional Licenses

- 2009 till present: Occupational Therapy (Jordan)
- 8/2008 American National Board Certification of Occupational Therapy.
- 1997 till present Jordan Nurses’ & Midwives Council-RN # 4965

Honors, Awards & Scholarships

2008	The Honor Society of Phi Kappa Phi Award
2007/2008	Texas Woman's University General Scholarship Award
2006/2007	Texas Woman's University General Scholarship Award
2006	Outstanding International Student Leader Redbud Award
2005/2006	Texas Woman's University General Scholarship Award
2002-2008	Jordan University of Science and Technology Scholarship for Master's in Occupational Therapy (MOT) from Nova Southeastern University, Florida and PhD in Occupational Therapy from Texas Woman's University, Texas, USA.
1993-1997	Jordanian Ministry of Higher Education Scholarship for Bachelor's in Nursing (BSN)

Membership in Professional Societies

- The Honor Society of Phi Kappa Phi
- The Jordanian Society for Scientific Research, Amman, Jordan.
- The Jordanian National Database for Scientific Researchers (# 1376)
- The Society for the Study of Occupation (SSO): USA
- American Occupational Therapy Association (member # 4278849)
- International Institute for Leadership in Occupational Therapy, Nova Southeastern University, FL, USA.
- The Jordanian Society of Occupational Therapy
- World Federation of Occupational Therapists (2006-Present)
- Jordan Nurses' & Midwives council

Research and professional Interests

Physical disabilities assessment and management for adults and children, Neuro-Developmental Therapy for children, visual perceptual functioning and low vision rehabilitation, pediatric early intervention, cultural meaning of occupations, cultural diversity, cross-cultural healthcare and occupational therapy practice, cross-cultural adaptation of assessments, spirituality and health, religious practices and occupational therapy, Occupational Science and the study of religious occupations, instrumentation, quantitative and qualitative research methodologies, theory of occupational adaptation and the theory of Occupational Science.

Capacity Building Grants

External International Funding:

Nazzal, M. S. (Principal Coordinator and Grant Holder). Establishment of an interdisciplinary clinical master programme in Rehabilitation Sciences at JUST (JUST-CRS), (**Approved for 971,250.00 Euros**), Erasmus Plus Capacity Building in Higher Education, Reference number 573758-EPP-1-2016-1-JO-EPPKA2-CBHE-JP, Brussels, Belgium.

Al-Hussein Society for Inclusion and Training & Jordan University of Science & Technology (Haddoush, H., (Co-PIs : **Nazzal, M.**, Khalil, H. and Kan'an, S.). (8/2016 -8-2018). Enhancement of PT programs in conflict affected countries (Jordan, Iraq, West Bank,

Gaza, and Lebanon) through networking with concerned local and international accredited academic and professional organizations. (Approved for 790,000 USD), USAID.

Research Grants

Awarded:

- **External National Funding:**

Haddoush, H., **Nazzal, M. (Co-PI)**, Khalil, H., Al-Masri, N. (8/2015 -8-2017). Therapeutic Effects Of Transcranial Direct Current Stimulation in Children with Autism Spectrum Disorders, (**Approved for 120,000 JD**), Scientific Research Fund, Ministry of Higher Education and Scientific Research, Amman, Jordan.

Nazzal, M. S. (Principal Investigator). Neurodevelopmental outcomes among Jordanian newborns using invasive delivery methods: An epidemiological study. (**Approved for 27861 JD**), Jordanian Scientific Research Support Fund, Ministry of Higher Education, Amman, Jordan, 2012.

- **Internal Funding (JUST):**

Gharaibeh, M. & **Nazzal, M.** (2016). Investigation of Potential Interaction of Leptin, Adrenal Steroids and Testosterone in the Pathogenesis of Autism in Male Children (**JD 10,000**) Deanship of Scientific Research, JUST, Irbid, Jordan

Nazzal, M., Bani Hani, S. & Abu Alhaija, D. (2016). Measurement of lead in low-cost plastic children toys in Jordan. (**JD 6450**) Deanship of Scientific Research, JUST, Irbid, Jordan

Nazzal, M., Bani Hani, S. & Ababneh, S. (2016). Lead and arsenic levels in Jordanian children with autism spectrum disorders. (**JD 6000**) Deanship of Scientific Research, JUST, Irbid, Jordan.

Nazzal, M. S. (Principal Investigator). Cross-cultural adaptation of the National Institutes of Health Stroke Scale (NIHSS) to the Arabic language, (**Approved for 1850 JD**), Deanship of Scientific Research, JUST, Irbid, Jordan, 2012.

Scholarly Work & Publications

- **Published journal articles:**

Alfwareess, F., Khwaileh, F, Rawashdeh, M., Alomari, M. & **Nazzal, M.** (2017). Cleft Lip and Palate: Demographic Patterns and the Associated Communication Disorders, *The Journal of Craniofacial Surgery*. 28, 8, 2117-212. DOI: 10.1097/SCS.0000000000003984

Nazzal, M. & Rawajfah, O. (2017). Lived Experiences of Jordanian Mothers Caring for a Child with Disability, *Disability and Rehabilitation*. doi: 10.1080/09638288.2017.1354233

Al-Hourani, Z., **Nazzal, M.**, Khader, Y., Almhdawi, K., Baibars, A. (2017). Work-related musculoskeletal disorders among Jordanian dental technicians: Prevalence and associated

- factors, *WORK: A Journal of Prevention, Assessment, and Rehabilitation*. 56, 4, 617-623. doi: 10.3233/WOR-172524.
- Khalil, H., Busse, M., Quinn, L., **Nazzal, M.**, Batyha, W., Khazaaleh, S., Alomari, M. (2017). A pilot study of a minimally supervised home exercise and walking program for people with Parkinson's disease in Jordan, *Neurodegenerative Disease Management*. 7, 1, 73-84. DOI 10.2217/nmt-2016-0041
- Nazzal, M.**, & Khalil, H. (2016). Living with Parkinson's disease: a Jordanian Perspective, *Scandinavian Journal of Occupational Therapy*.24,1, 74-82. DOI 10.1080/11038128.2016.1234643.
- Khalil, H., **Nazzal, M.**, Al-Sheyab, N. (2016). Parkinson's disease in Jordan: Barriers and motivators to exercise, *Physiotherapy Theory and Practice*. 32, 7, 509-519. DOI 10.1080/09593985.2016.1219433.
- Alhasan, M., Abdelrahman, M., Alewaidat, H., Almhdawi, K. and **Nazzal, M. S.** (2014). Work-related stress, musculoskeletal disorder complaints, and stress symptoms among radiographers in the Northern part of Jordan. *Journal of Medical Imaging and Radiation Sciences*, 45, 291-298. DOI: 10.1016/j.jmir.2014.04.002
- Almomani, F., Josman, N., Almomani, M.O., Malkawi, S., **Nazzal, M. S.**, Mahdawi, K., and Almomani, F. (2014). Factors related to cognitive function among elementary school children, *Scandinavian Journal of Occupational Therapy*, 21, 3, 191-198. DOI: 10.3109/11038128.2013.853098
- Amerih, H., **Nazzal, M. S.** and Elsalloukh, H. (2013). Using distance education in teaching orthotic fabrication to occupational therapy students, *Health*, 5, 5, 908-912. DOI:10.4236/health.2013.55120
- Nazzal, M. E., Sa'adeh, M. A., Saadah, L.M., Alomari, M. A., Al-Oudat, Z. A., **Nazzal, M. S.**, El-Beshari, M.Y., Al-Zaabi, A.A. and Alnuaimi, Y.I. (2013). Management options of chronic low back pain: A randomized blinded clinical trial. *Neurosciences*, 18, 2, 152-159.
- Nazzal, M. I., Bashaireh, K., Alomari, M., **Nazzal, M. S.**, Maayah, M. & Mesmar, M. (2012). Relationship between improvements in physical measures and patient satisfaction in rehabilitation after total knee arthroplasty, *International Journal of Rehabilitation Research*, 35, 2, 94-101. DOI: 10.1097/MRR.0b013e32834df63c
- **Ongoing work on journal articles:**
- Almhdawi, K., Al-Hourani, Z., , M., Khader, Y., Almomani, F. and Nazzal, M. (2017, submitted). The prevalence and correlates of mental health symptoms among allied health professions' students.
- Al-Sharman, A., Khalil, H., **Nazzal, M.**, Alghwiri, A., El-Salem, K. (2017, Submitted) Perspective and Experiences of Jordanian People with Multiple Sclerosis: Factors that Impact their Quality of Life: A Qualitative Study.

- **Published abstracts:**

Nazzal, M. & Khalil, H. (2017). Living with Parkinson's disease: a Jordanian Perspective [abstract], *American Journal of Occupational Therapy*.71, 4, S1. doi: 10.5014/ajot.2017.71S1-PO4043

Al-Shorman, A., Khalil, H., **Nazzal, M.**, Algwiri, A. & El-Salem, K. (2016). Perspective and experiences of Jordanian people with multiple sclerosis: A qualitative study [abstract], *Multiple Sclerosis*, S1, NP1-NP-24.

Nazzal, M. & Rawajfah, O. (2016). When Death Becomes a Wish: Lived Experiences of Jordanian Mothers Caring for a Child with Disability [abstract], *American Journal of Occupational Therapy*. 70, 8S. DOI:10.5014/ajot.2016.70S1-PO2005

Nazzal, M., Alfwaress, F., Nazzal, M. I., Aburahma, S. & Alrefai, A. (2014). Cross-cultural adaptation of the NIHSS into the Arabic language: A validation study of the NIHSS-A [abstract], *International Journal of Stroke*, 9, S3, 235-236.

Khalil, H., **Nazzal, M.** & Al-Sheyab, N. (2014). Exploring practices and perceptions toward exercise among PD patients in Jordan [abstract], *Movement Disorders*, 29, S1, 426.
<http://www.mdsabstracts.com/abstract.asp?MeetingID=801&id=111414>

Nazzal, M.S. (2008). The Prayer Ritual: Meaning, value and occupational Performance. SSO: USA 2008 Conference Proceedings. http://www.sso-usa.org/cms/images/2008_abstracts.pdf

Presentations

- **Invited Presentations:**

Nazzal, M. (4/2015). Universal Design and accessibility. First International Conference of the Al-Hussein Society for Inclusion and Training & Hashemite University. Zarqa, Jordan, 14/April/2015.

Nazzal, M., Alfwaress, F., Nazzal, M. I., Aburahma, S. & Alrefai, A. (2014). Cross-cultural adaptation of the American National Institutes of Health Stroke Scale (NIHSS-A): Clinical implications for the Arabic speaking professionals and patients. 7th International Conference of the Royal Medical Services & the 4th ICMM Pan Arab Regional Working Group Congress on Military Medicine. Dead Sea, Jordan, 4-7 November, 2014

- **Peer-reviewed Presentations:**

Nazzal, M., Khalil, H., Almeida, P., Lopez, A. Karaduman, A., Dawes, H., Al-Nasaan, S., Hawamdeh, Z. and JUST- Clinical Rehabilitation Sciences Project (JUST-CRS) team. (Upcoming 9/2017). More than JUST Education – Cultural diversity & Expertise: One goal. European Network of Physiotherapists in Higher Education Conference (ENPHE 2017), Reykjavik, Iceland, September 22-23 2017.

Nazzal, M. & Khalil, H. (4/2017). Living with Parkinson's disease: a Jordanian Perspective, American Occupational Therapy Association Conference, Philadelphia, USA, April 5, 2017.

- Al-Shorman, A., Khalil, H., **Nazzal, M.**, Algwiri, A. & El-Salem, K. (2016). Perspective and experiences of Jordanian people with multiple sclerosis: A qualitative study, 2nd MENA-Committee for Treatment and Research in Multiple Sclerosis (MENACRTIMS) congress, Amman, Jordan.
- Nazzal, M.** & Rawajfah, O. (4/2016). When death becomes a wish: Lived Experiences of Jordanian mothers caring for a child with a disability, American Occupational Therapy Association Conference, Chicago, USA, April 7-11, 2016.
- Nazzal, M.** (10/2014). Maternal and Neonatal outcomes associated with mode of delivery in Jordan: An epidemiological study, MacroTrend Conference on Health and Medicine: Paris 2014, Paris, France, December 19-20, 2014.
- Nazzal, M.**, Alfwaress, F., Nazzal, M. I., Aburahma, S. & Alrefai, A. (2015). Cross-cultural adaptation of the NIHSS into the Arabic language: A validation study of the NIHSS-A. 9th World Stroke Congress, At Istanbul, Turkey. October, 2015
- Khalil, H., **Nazzal, M.** & Al-Sheyab, N. (2014). *Exploring practices and perceptions toward exercise among PD patients in Jordan*. MDS 18th International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden, June 8-12, 2014.
- Nazzal, M.**, Amireh, H. & Nazzal, K. (2014). *University Graffiti: Exploring meaning and students' interests*. The 1st Psychology Conference, Irbid National University, Irbid, Jordan, April 23-24, 2014.
- Nazzal, M.** (2008). *The Prayer Ritual: Meaning, value and occupational Performance*. The Society for the Study of Occupation (SSO): USA 2008 Conference, Fort Lauderdale, Florida.

- **Non-peer-reviewed Presentations:**

- Nazzal, M.** (2010) Writing functional goals, Faculty of Rehabilitation Scientific Day, Jordan University, Amman, Jordan.
- Nazzal, M.** (2009). Sensory Integration: Theory and clinical application, The Second Scientific Occupational Therapy Day, Al-Basheer Hospital, Amman, Jordan.
- Nazzal, M.** (2008). The Prayer Ritual: Meaning, value and occupational Performance. TWU/NSU Doctoral Research Exchange Symposium, Houston, Texas.
- Al-Otaibi, N., Fette, C., Ivy, M., Jung-Herbert, J., Myers, K., **Nazzal, M.**, Ryan, K. (2006). *Occupational Therapy Philosophy* -Panel presentation, The 4th Occupational Adaptation Symposium: Occupational adaptation for the millennium- Exchanging knowledge and ideas, Houston, Texas.
- Nazzal, M.** (2006). *Bridging the gap between the occupational therapy philosophy and the occupational therapy practice*. The 4th Occupational Adaptation Symposium: Occupational adaptation for the millennium - Exchanging knowledge and ideas, Houston, Texas.

Workshops

- Nazzal, M.** (Nov. 8th 2016). Assessment Tools for Autism. Workshop for occupational therapy practitioners attending the 2nd Jordanian Rehabilitation Sciences Conference at Jordan University of Science & Technology.
- Nazzal, M.** (11/2013). Crisis Management. Administrative workshop for middle level management staff of JUST at the Consultation Center of Jordan University of Science & Technology.
- Nazzal, M.** (6/2013). Change Management. Administrative workshop for middle level management staff of JUST at the Consultation Center of Jordan University of Science & Technology.
- Nazzal, M.** (2/2013). Strategic Planning. Administrative workshop for middle level management staff of JUST at the Consultation Center of Jordan University of Science & Technology.
- Amerih, H. & **Nazzal, M.** (6/2010) Assistive Technology: Theory and clinical application. One day workshop at the Consultation Center of Jordan University of Science & Technology.

Professional Courses

- **MOOC Courses:**

- Nazzal, M.**, Amarnah, B., Lane, T. & Mohammad. N. (Ongoing project). Psychosocial Wellbeing of Refugees, Edraak Platform, Queen Rania Foundation for Education and Development, Amman, Jordan.

Master Thesis Supervision

- **Chair Supervisor:**

- Shifaa Ababneh (2017). Lead and arsenic levels in Jordanian children with autism spectrum disorders. (Not yet defended), Department of Medical Laboratory Sciences, Faculty of Applied Medical Sciences, Jordan University of Science & Technology.
- Dalia W. Abu Al-Haija (2016) Measurement of lead in low-cost plastic children toys in Jordan. Second Semester, 2016, Department of Toxicology and Forensics, Faculty of Medicine, Jordan University of Science & Technology.

- **Member in Master's thesis committees at JUST**

- Aseel Abu Al-Rub (2015) The association between sleep deficits, sleep biomarkers and physical activity in people with multiple sclerosis. [Internal Examiner]

- **Member in Master's thesis committees in German Jordanian University, Jordan**

- Salma Abduljaber (2016) Correlation between the visual status and the reading and writing abilities of students with visual impairment
- Lina M. Abdelhadi (2015) Effect of an Activity Program on the Stereotypical Behaviors of Children with Multiple Disabilities and Visual Impairment
- Nida' A. Al-Worikat (2015) Visual stimulation for children with cerebral visual impairment

Maissa Masoud (2014) The effect of vision rehabilitation and environmental accommodations in improving the quality of life of adult women with low vision,

Amer Abuhassira (2014) Effect of correcting the refractive error and visual training on the visual functioning of children with multiple disabilities.

Maysaloun Thebyan (2012) Assessment of the benefits of optometric rehabilitation services in improving visual function of students with low vision.

Abdel-Munem Al-Dweiri (2012) Developing a training program to improve visual efficiency in children using eccentric fixation.

Interviews

Nazzal, M. (2009). Occupational Therapy in Jordan. *Jordanian TV Interview*- Amman, Jordan.

Community Service

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| 2015- now | Regularly participating in a number of volunteer activities and medical days in different centers in Irbid, Jordan for the promotion of Autism awareness. |
| 2014/15 | Participated a number of volunteer activities and medical days in different schools in Irbid, Jordan for the promotion of healthy backpack usage. |
| 2009 | Member of the Northern Society for the Disabled- Irbid- Jordan |
| 2009 | Conducted a number of free medical days in different schools, SOS villages and many of Irbid refugee camp schools. |