

Curriculum Vitae

BIOGRAPHICAL

Name:	Alia A. Alghwiri	Birth Year: 1983
Home Address:	Zarqa- Jordan	Birth Place: Jordan
Home Phone:	+962 6 5355000 ext.23226	Citizenship: Jordan
E-mail Address:	alia.alghwiri@gmail.com	

EDUCATION AND TRAINING

Graduate

5/2008 – 5/2011	University of Pittsburgh Pittsburgh, PA, USA	PhD, 2011 Class-room	Rehabilitation Sciences-Vestibular
5/2007 –5/ 2008	University of Pittsburgh Pittsburgh, PA, USA	MSc, 2008 Class-room	Neurological Physical Therapy

Undergraduate

9/2001 –6/ 2005	University of Jordan Amman, Jordan	BSc, 2005 Class-room	Physical Therapy
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APPOINTMENTS AND POSITIONS

A) Academic Appointments

Associate Professor

7/3/2015-present	University of Jordan Amman, Jordan	Associate professor Faculty of Rehabilitation Sciences
<i>Responsibilities</i>	<i>Teaching physical therapy courses to undergraduate level.</i> <i>Conducting research projects related to physical therapy.</i> <i>Serving the community with physical therapy initiatives.</i>	

Assistant Professor

2/3/2011-7/3/2015	University of Jordan Amman, Jordan	Assistant professor Faculty of Rehabilitation Sciences
<i>Responsibilities</i>	<i>Teaching physical therapy courses to undergraduate level.</i> <i>Conducting research projects related to physical therapy.</i> <i>Serving the community with physical therapy initiatives.</i>	

Peer Reviewer

2010-present	The Journal of Geriatric Physical Therapy	International panel of peer reviewers
<i>Responsibilities</i>	<i>Review papers related to physical therapy.</i>	

Research Assistant

9/2008- 3/2011	University of Pittsburgh Medical Center Pittsburgh, PA USA	Department of Otolaryngology
<i>Responsibilities</i>	<i>Conduct physical therapy research projects (collect, enter, and analyze data)</i>	

Teaching Assistant

4/2006/- 4/2007

University of Jordan
Amman, Jordan

Teaching Assistant

Faculty of Rehabilitation Sciences

Responsibilities*Teach physical therapy labs and supervise physical therapy students in clinical placements.***B) Administrative Appointments:**President of the Jordanian Physiotherapy Society

6/2017-Present

JPTS

Amman, Jordan

Board member at Jordanian Sports Medicine Federation

7/2017-Present

Sports Medicine Federation

Amman, Jordan

Assistant Dean of Academic Research

1/9/2016-Present

University of Jordan
Amman, Jordan

Associate Professor

Deanship of Academic Research

Head of Media Committee

10/2016- 6/2017

The Jordanian Physical Therapy Society

Head of Students' Support Department

2015/2016

University of Jordan
Amman, Jordan

Associate Professor

Deanship of Students Affairs

Head of Physical Therapy Department

2011/2012

University of Jordan
Amman, Jordan

Assistant professor

Faculty of Rehabilitation Sciences

Head of Scientific Committee

2011/2012

The Jordanian Physical Therapy Society

CERTIFICATION AND LICENSUREPhysical Therapy Licensure

Physical Therapist:

Jordan

2001-Present

HONORS

The University of Jordan

Full scholarship for Master and PhD degrees

2007

CLINICAL TRAINING

September- December, 2007

Traumatic Brain Injury clinic.
University of Pittsburgh Medical Center.
Pittsburgh, PA, USA.

May-August, 2007

The Jordan Center of Balance and Hearing Disorder.
Pittsburgh, PA, USA.

MEMBERSHIP

2011-Present

The Jordanian Physiotherapy Society (JPTS)

2016-Present

The International Parkinson and Movement Disorder Society (MDS)

2016-Present

Association of Physiotherapists in Parkinson's Disease Europe (APPDE)

PUBLICATIONS:

1. Hanan Khalil, Alham Al-Sharman, Khalid El-Salem, Nour Abdo, **Alia Alghwiri**, AseelAburub, Firas Al Mustafa. *Fear of falling in people with multiple sclerosis: which clinical characteristics are important?* Physical Therapy, 2017.
2. **Alia Alghwiri**, Gregory Marchetti. *Occupational Back Pain Among Schoolteachers in Jordan: Estimated Prevalence and Factors Associated with Self-Reported Pain and Work Limitations.* International Journal of Occupational Safety and Ergonomics, 2016.
3. Susan Whitney, **Alia Alghwiri**, Ahmad Alghadir. *An Overview of Vestibular Rehabilitation, Handbook of Clinical Neurology*, 3rd Series, V(137). Ed. by Joseph Furman and Thomas Lempert, 2016.
4. Susan L. Whitney, Ahmad Alghadir, **Alia Alghwiri**, Kefah M Alshebber, Mohammed Alshehri, Joseph M Furman, Martin Mueller, Eva Grill. *The development of the ICF vestibular environmental scale.* Journal of Vestibular Research, 2016; 26(3): 297-302.
5. Ahmad Alghadir, **Alia Alghwiri**, Hamzeh Awad, Shahnawaz Anwer. *Ten-year Diabetes Risk Forecast in the Capital of Jordan.* Medicine, 2016; 95(12):E3181.
6. Ziad Hawamdeh, **Alia Alghwiri**, Aseel Nassar. *The Short-Term Effect of Extracorporeal Shock Wave in Treating Plantar Fasciitis: RCT.* Jordan Medical Journal, 2016; 50(1):1-11.
7. **Alia Alghwiri**, Ahmad Alghadir, Murad Al-momani, Susan Whitney. *The activities-specific balance confidence scale and berg balance scale: Reliability and validity in Arabic-speaking vestibular patients.* Journal of Vestibular Research, 2016; 25(5-6): 253-259.
8. **Alia Alghwiri**. *The Correlation between Depression, Balance, and Physical Functioning Post Stroke.* Journal of Stroke and Cerebrovascular Accident, 2015; 25 (2): 475-479.
9. Patrick J. Sparo, Susan I. Fuhrman, Mark S. Redfern, Subashan Perera, J. Richard Jennings, **Alia Alghwiri**, Joseph M. Furman. *Postural adjustment errors during lateral step initiation in older and younger adults.* Experimental Brain Research, 2014; 232 (12): 3977-3989.
10. Susan L. Whitney, **Alia Alghwiri**, Ahmad Alghadir. *Physical therapy for persons with vestibular disorders.* Current Opinion in Neurology, 2015; 28 (1): 61-68.
11. Martin Mueller, Susan L Whitney, **Alia Alghwiri**, Kefah Alshebber, Ralf Strobl, Ahmad Alghadir, Murad O Al-momani, Joseph M Furman, Eva Grill. *Subscales of the Vestibular Activities and Participation Questionnaire could be applied across cultures.* Journal of Clinical Epidemiology, 2014; 68 (2): 211.
12. Ali Al Ghuwari, **Alia Alghwiri**, Mohammad Bani Hani, Magableh D, Al-Khazaleh M, Otom A. *Functional Balance in People with Knee Osteoarthritis.* Journal of Royal Medical Services (JRMS) 2014.

13. Ahmad Alghadir, Hamzeh Awad, Einas Al-Eisa, **Alia Alghwiri**. *Diabetes risk 10 years forecast in the capital of Saudi Arabia: Canadian Diabetes Risk Assessment Questionnaire (CANRISK) perspective*. Biomed Res, 2014; 25 (1): 88-96.
14. **Alia Alghwiri**, Ahmad Alghadir, Hamzeh Awad. *The Arab Risk (ARABRISK): Translation and Validation*. Biomed Res, 2014; 25 (2): 271-275.
15. **Alia Alghwiri**. *Reliability and Validity of the Arabic-Dynamic Gait Index in People Poststroke*. Top Stroke Rehabil, 2014; 21(2): 173-179.
16. Eva Grill, Joseph Furman, **Alia Alghwiri**, Martin Muller, Susan Whitney. *Using core sets of the international classification of functioning, disability and health (ICF) to measure disability in vestibular disorders: Study protocol*. Journal of Vestibular Research, 2013; 23 (6): 297-303.
17. **Alia Alghwiri**, Ahmad Alghadir, Susan Whitney. *The Vestibular Activities and Participation Measure and Vestibular Disorders*. Journal of Vestibular Research, 2013; 23(6): 305-312.
18. **Alia Alghwiri**, Susan Whitney, Carol Baker, Patrick Sparto, Gregory Marchetti, John Rogers, Joseph Furman. *The Development and Validation of the Vestibular Activities and Participation Measure*. Archives of Physical Medicine and Rehabilitation, 2012; 15:1822-1831.
19. **Alia Alghwiri**, Gregory Marchetti, Susan Whitney. *Content Comparison of Self-Report Measures Used in Vestibular Rehabilitation Based on the International Classification of Functioning, Disability and Health*. Physical Therapy, 2011;19:346-357.
20. **Alia Alghwiri**, Susan Whitney. *Balance and Falls, Geriatric Physical Therapy, 3rd ed*. Ed. By Andrew Guccione, Rita Wong and Dale Avers.

Conference Proceedings

1. Hanan Khalil, Alham Al-Sharman, **Alia A. Alghwiri**, Shada Kazaaleh, Lamees Abu foul, Duah Al-Shorafat , Khalid El-Salem. *The Development and Evaluation of Virtual Reality Balance Scenarios in People with Multiple Sclerosis (MS): A pilot Study*. World Confederation of Physiotherapy (WCPT). Cape Town, South Africa, 2017.
2. **Alia A. Alghwiri**; Hanan Khalil; Alham Al-sharman. *The Correlation between Balance and Depression in People with Multiple Sclerosis*. World Confederation of Physiotherapy (WCPT). Cape Town, South Africa, 2017.
3. **Alia Alghwiri**, Hanan Khalil, Alham Al-Sharman, Khalid El-Salim. *Balance and Mobility Evaluation in People with Multiple Sclerosis*. The Second Conference of Jordan Universities in Rehabilitation Sciences. Irbid, Jordan, 2016.
4. **Alia Alghwiri**, Hanan Khalil, Alham Al-Sharman. *Reliability and Validity of the Arabic Activities-specific Balance Confidence Scale in People with Multiple Sclerosis*. MENACTRIMS, Amman, 2016.

5. Alham Al-Sharman Hanan Khalil, Mohammad Nazzal, Sarah Alshalabi, **Alia Alghwiri**, Khalid El-Salem. Perspective and Experiences of Jordanian People with Multiple Sclerosis: A Qualitative Study. *MENACTRIMS*, Amman, Jordan, 2016.
6. **Alia Alghwiri**. The Vestibular Activities & Participation (VAP) Measure. *Southampton Audiology Symposium*, University of Southampton, United Kingdom, 2015.
7. **Alia Alghwiri**. Are our self-report measures consistent with the ICF?. *Southampton Audiology Symposium*, University of Southampton, United Kingdom, 2015.
8. **Alia Alghwiri**, Kholoud Kaabneh, Osama Hamarneh. Vestibular Rehabilitation: Case studies in Hearex. *The 3rd Conference of the Advances Arab Academy of Audiovestibulogy*. Amman, Jordan, 2015.
9. **Alia Alghwiri**. The Correlation between Symptoms of Knee Osteoarthritis and Functional Balance. *The First Scientific Day for Allied Health Professions*. Amman, Jprdan, 2015.
10. **Alia Alghwiri**, Hassan Sarsak. Accessibility in University of Jordan: Reality and ambitions. *Rights of People with Disability and environmental Accessibility*. Zarqa, Jordan, 2015.
11. **Alia Alghwiri**. Reliability and Validity of the Arabic-Dynamic Gait Index in People Poststroke. *The 7th International Conference of The Royal Medical Services*, The Dead Sea, Jordan, 2014.
12. **Alia Alghwiri**. HydroMax Multipurpose Device. Sofex. Amman, Jordan, 2014.
13. **Alia Alghwiri**. Vestibular Disorders and Disability. *The Arab Confederation for Physical Therapy*. Amman, Jordan, 2013.
14. **Alia Alghwiri**. Reliability and Validity of the Arabic-Dynamic Gait Index in People Post Stroke. *APTA Combined Section Meeting*, San Diego, CA. 2013.
15. **Alia Alghwiri**. Vestibular Rehabilitation. *The 6th International Conference of the Royal Medical Services*, the Dead Sea, Jordan, 2012.
16. **Alia Alghwiri**, Whitney SL, Baker CE, Sparto PJ, Marchetti GF, Rogers JC, Furman JM. The Reliability and Validity of the Vestibular Activities and Participation (VAP) Measure in People with Balance and vestibular Disorders. *APTA Combined Section Meeting*, Chicago, IL. 2012.
17. **Alia Alghwiri**, Whitney SL, Baker CE, Sparto PJ, Marchetti GF, Rogers JC, Furman JM. The Development of the Vestibular Activities and Participation (VAP) Measure using the Delphi Technique. *APTA Combined Section Meeting*, New Orleans, LA. 2011.
18. **Alia Alghwiri**, Marchetti GF, Whitney SL (2010) Content Comparison of Self-report Measures Used in Vestibular Rehabilitation Based on the International Classification of Functioning, Disability and Health. North American Collaborating Center (NACC): "Enhancing Our Understanding of the ICF", Bethesda, MD, 2010.

19. **Alia Alghwiri**, Marchetti GF, Whitney SL (2010) Content Comparison of Self-report Measures Used in Vestibular Rehabilitation Based on the International Classification of Functioning, Disability and Health. *APTA Combined Section Meeting*, San Diego, CA, 2010.

LECTURES

- 1) "**Physical Therapy**" lecture for special education students. Faculty of Educational Sciences. 18/11/2015 and 21/3/2016.
- 2) "**Cerebral Palsy**" awareness lecture. *Kings Academy*. 8/9/2015.
- 3) "**The Correlation between Symptoms of Knee Osteoarthritis and Functional Balance**". *First Scientific Day of Allied Health Professions*, Royal Medical Services, May/10/2015.
- 4) "**The Development and Validation of the Vestibular Activities and Participation Measure**". *The 7th Scientific day*, Faculty of Rehabilitation Sciences, The University of Jordan, 2013.
- 5) "**The role of physical therapy with patients with Down Syndrome**". The University of Jordan, Amman, Jordan. 2011.
- 6) "**The role of physical therapy with patients with Multiple Sclerosis**". *Scientific day of MS*, Faculty of Rehabilitation Sciences, The University of Jordan, 2011.
- 7) "**Content Comparison of Self-report Measures Used in Vestibular Rehabilitation Based on the International Classification of Functioning, Disability and Health**". *The 5th Scientific day*, Faculty of Rehabilitation Sciences, The University of Jordan, 2011.

CONFERENCES ATTENDED

<u>April 20-21, 2016</u>	The First Arab Congress of Sign Language Interpreters. Amman, Jordan.
<u>October, 9-10, 2010</u>	American Physical Therapy Association, Neurology Section: "Expanding Neurologic Expertise: Advanced Practice in Vestibular Physical Therapy". Pittsburgh, PA, USA.
<u>June 23 and 24, 2010</u>	North American Collaborating Center (NACC): "Enhancing Our Understanding of the ICF". Bethesda, MD, USA.
<u>May 14-16, 2010</u>	American Physical Therapy Association, Neurology Section: "Vestibular Rehabilitation: An advanced course and update". Pittsburgh, PA, USA.
<u>October 16-18, 2008</u>	The annual meeting of the American Congress of Rehabilitation Medicine and the American Society of Neurorehabilitation (ACRM-ASNR Joint Educational Conference): Rehabilitation Research. Toronto, Ontario, Canada.
<u>October 14 &15, 2008</u>	The Rehabilitation Research and Training Center on Measuring Rehabilitation Outcomes and Effectiveness: "International Symposium on Measurement of Participation in Rehabilitation Research". Toronto, Ontario, Canada.
<u>June 16, 2007</u>	Eleventh Annual "Living with ALS" Symposium. Pittsburgh, PA, USA.

GRANTS

- 1) **Alia Alghwiri**, Hanan Khalil, Alham Al-Sharman, Mais Aldughmi, Abdallah Alabbadi. "The Effect of Aquatic Therapy Exercise on Motor and Non-motor Symptoms in Patients with Multiple Sclerosis: Development and Evaluation". Scientific Research Support Fund (SRF), Jordan, 2017.
- 2) Fatima Aljamali, **Alia Alghwiri**, Mais Aldughmi, Abdallah Alabbadi. "The effect of stem cell therapy and comprehensive physical therapy on motor and non-motor symptoms in patients with multiple sclerosis: a comparative study". Deanship of Academic Research, The University of Jordan. 2017.
- 3) **Alia Alghwiri**, Za'er Abo-Hammor. The development of a electrotherapy device called "Thermo-Max Multi-Purpose (TMMP)". King Abdullah II Fund for Development . 2015.
- 4) **Alia Alghwiri**, Za'er Abo-Hammor. The development of a hydrotherapy device called "Hydromax multipurpose (HMMP)". King Abdullah II Fund for Development . 2013.
- 5) **Alia Alghwiri**, Jennifer Muhaidat. " The prevalence of balance and gait impairments and their effect on function in patients with multiple sclerosis (MS) living in Jordan". Deanship of Academic Research, The University of Jordan. 2013.
- 6) Ziad Hawamdeh, Sumayah Malkawi, **Alia Alghwiri**. " Rehabilitation of Patients with Stroke: A Descriptive Study of Current Practice in Jordan". Deanship of Academic Research, The University of Jordan. 2012.
- 7) **Alia Alghwiri**. "The impact of low back pain (LBP) on patients' activities of daily living (ADL) and the effectiveness of the intervention techniques used by physical therapists in Jordan". Deanship of Academic Research, The University of Jordan. 2011.

COURSES AND WORKSHOPSGeneral:

April 5-6, 2017	USAID	"Publication in Peer-Reviewed Journals"
February 12, 2017	Support to Research, Technological Development and Innovation (SRTDII)	"Bridging Science and Business"
October 27 , 2016	National Erasmus + Office-Jordan	"Tempus and Erasmus+ in Jordan: Impact, Success Factors, and Challenges"
October 13, 2016	Center of Quality Assurance University of Jordan	"Continuous improvement in student performance based on assessment of learning outcome"
October 4, 2016	Higher Education Accreditation Commission	"Preparation of self-study to obtain a quality assurance certificate"
October 5, 2016	Center of Quality Assurance University of Jordan	"Advanced course in Intended Learning Outcomes"
September 5-7, 2016	Technology Transfer Oriented Organization	" TTU Training Workshop"
October 10, 2012	Association of Arab Universities	"Determining research priorities in Arab world"
January 29, 2009	University of Pittsburgh Pittsburgh, PA	"Writing Research Articles"
November 8, 2008	University of Pittsburgh Pittsburgh, PA	"Teaching"

Neuro-Rehabilitation workshops, University of Pittsburgh Medical Center, Pittsburgh, PA

October 7, 2008	"Neuro Rehabilitation: Complex Regional Pain Syndrome (CPRS) after stroke". Lois E. Pendrod, MD and Laura Ebbert, PTR/L	
November 7, 2007	"The Smart House-Facilitating Independent Through Advanced Technology". Robert Walters, PE, MSSE; John Bertoty, M.ED; and Jim Osborn, MS.	

- July 26, 2007 “Provision and justification of optimally configured manual wheelchairs”.
Kendra Betz, MSPT, ATP; Mark Schmeler, M.S., OTR/L, ATP.
- May 9, 2007 “Augmentative Communication (ACC) options for people with severe Aphasia”.
Kathryn L. Garret, PhD, CCC-SLP.

Physical Therapy Training Courses, Amman, Jordan.

July 22, 2017	WFATT	“Concussion”
July 11, 2017	PrimePhysio	“Neurodynamics”
March 10-12, 2017 May 12-14, 2017	Bhanu Ramaswamy, OBE, FCSP Sheffield Hallam University, UK	"Diploma in Neurological Physiotherapy Rehabilitation"
August, 19-20, 2016	Susan Whitney, DPT, PhD University of Pittsburgh, USA	"Vestibular Rehabilitation"
May, 20, 2016	MDS-AOS	Rehabilitation Updates in Parkinson's Disease
April, 12-13, 2013	Edgar Wilson, BA, MCSP, HPC Integrated Soft Touch Techniques, UK	“Trigger Points, Pain and Muscle Tone”
March, 29-20, 2013	Amjad Mohammad, PT Future Health Institute, Switzerland	“Osteopathy I Lumbosacral Spine”
April, 4-7, 2012	Josef Andersen, PT	“Mulligan Concept- Part A&B”
February, 17-18, 2012	Lilian Aqiqi, PT Tape-Concept	“Medical Taping”
January, 16-24, 2012	Grant Watson, PT	“McKenzie Concepts and Techniques-Part A&B”
December, 23-25, 2011	Thaer Manaseer, PT, AT	“Leg, Ankle, and Foot Assessment and Taping”
September , 2011	Rami Bkhaitan, PT	“Therapeutic massage”
July, 2 nd , 2012	Ali Nweiri	"Theratogs / Sure step technique for children with disabilities

COMMUNITY SERVICE

- March 1st, 2016 "**Reject Extremism**": An initiative to spread awareness against extremism and terrorism in collaboration with Jordanian Peace Community Center.
- February 11, 2016 "**Light of Hope**": An initiative to gather volunteers to help in providing blind students with the academic courses recorded or typed.
- July, 2015 "**Kursi wa Kitab**": An initiative to spread *conductive education* (a neurological approach to treat people with cerebral palsy, Parkinson's disease, multiple sclerosis, and stroke) in Jordan with collaboration with Peto institute-Austria.
- 2014-Present "**Qusai**": A royal initiative that was launched by the crown prince Husain to improve the readiness of sports' therapists in Jordan.
(<http://www.jordantimes.com/news/local/first-batch-sports-therapists-graduate-under-crown-prince-initiative>)
- May, 2014 "**How to avoid back pain**": Awareness lectures to school teachers clarifying wrong postures and activities that cause back pain and the correct ones.
- April, 2014 "**Your mother in your mind**": An activity to honor mothers with disability or mothers who raised children with disability.
- January, 2014 "**From Amman we begin**": An initiative that aims to raise the public awareness of disability and the rights of people with disability and to improve the environmental accessibility for them.
- April, 2013 "**How to avoid diabetes**": An initiative that aims to raise awareness of how to avoid getting diabetes mellitus in 6 Jordanian cities (Amman, Salt, Madaba, Ajloun, Jerash and Aqaba).

REFERENCES

Reference	Phone	E-Mail
Susan L. Whitney, PhD, PT, NCS, ATC	001-412-383-6642	Whitney@pitt.edu
Gregory Marchetti, PhD, PT	001- 412-396-5544	marchetti@duq.edu