CURRICULUM VITAE

Mahmoud Alomari, Ph.D.

CONTACT INFORMATION

Mailing Address
POBox 3030
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Jordan University of Science and Technology
Irbid, Jordan

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Jordan University of Science and Technology
Irbid, Jordan

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PROFESSIONAL EXPERIENCE

2017-current	Professor, Department of Rehabilitation Sciences, Jordan University of Science and Technology, Irbid, Jordan.
2018-2021	Professor, Department of Physical Educational, Qatar University, Doha, Qatar.
2012-2017	Associate Professor, Department of Rehabilitation Sciences, Jordan University of Science and Technology, Irbid, Jordan.
2004-2012	Assistant Professor, Department of Allied Medical Sciences/Rehabilitation Sciences, Jordan University of Science and Technology, Irbid, Jordan.
2004-2007	Assistant Dean, Faculty of Applied Medical Science, Jordan University of Science and Technology, Irbid, Jordan.
2003-2004	Fulltime Lecturer, Department of Allied Medical Sciences, Jordan University of Science and Technology, Irbid, Jordan.
2001-2003	Teaching and Research Assistant, Department of Kinesiology, Louisiana State University, Baton Rouge, LA.
1999-2001	Research Associate, Heart Failure Clinic, Baton Rouge General Hospital, Baton Rouge, LA.
1997-1999	Teaching and Research Assistant, Department of Kinesiology, Louisiana State University, Baton Rouge, LA.
1994-1995	Teaching Assistant, Department of Human Performance, Minnesota State University, Mankato, MN.

ACADEMIC TRAINING

Doctorate of Philosophy, Exercise Physiology
Department of Kinesiology
Louisiana State University, Baton Rouge, LA
December, 2003.

Master of Science, Exercise Physiology/Cardiac Rehabilitation
Department of Human Performance
Minnesota State University, Mankato, MN.
September, 1995

Bachelor of Science,
College of Physical Education
Yarmouk University
Irbid, Jordan
September, 1990

Minor in Journalism
Department of Journalism
Yarmouk University
Irbid, Jordan
September, 1990

Certificate in Swedish Massage Therapy
Johnson County Community College, Overland Park, KS.
May, 1997.

TEACHING EXPERIENCE

Qatar University

Undergraduate

Adapted Physical Education (EDPE 360)	2020-2021
Sports Injury (EDPE 250)	2019-2021
Biomechanics (EDPE 270)	2019-2021
Anatomy and Physiology (EDPE 230)	2018-2021
Motor Learning (EDPE 220)	2018-2021

Jordan University of Science and Technology

Undergraduate

Wellness and Lifestyle (PT 100)-Founder	2006- Current
Biomechanics (PT 205)	2003-2018
Exercise Physiology (PT 206)	2003- Current
Kinesiology (PT 207)	2003-2018
Cardiopulmonary Rehabilitation (PT 362)	2003- Current
Labs in Cardiopulmonary Rehabilitation (PT 364)	2003- Current
Clinics in Cardiopulmonary Rehabilitation (PT 497)	2003- Current
Seminar (PT 499)	2003- Current
Fitness for Paramedics (Para 311)	2008-2011

Graduate

Research Design (CRS 791)	2017-current
Biostatistics (CRS 793)	2017-current
Research Design and Biostatistics (PT 781)	2017-current
Seminar (PT 791)	2017-current

Louisiana State University

Principles of Conditioning (Kin 2504)	1998-2003
Exercise Testing and Prescription & ECG (Kin 3535)	1998-2003
Exercise Physiology Laboratory (Kin 3525)	1998-2003
Personal and Community Health Problems (Kin 1600)	1998-2003
Jogging (Kin 1144)	1997-1998

Minnesota State University

Lab instructor, Physical Fitness & Biomechanics Assessments	1994-1995

ACADEMIC DUTIES

1. Teaching and conducting examinations.
2. Carrying out innovative research and studies.
3. Supervising graduate theses and scientific or social research, guiding students academically and ethically, and monitoring their activities and reports.
4. Providing academic advising.
5. Participating in university councils and committees, as well as in those in which the university is represented.
6. Undertaking any activity that promotes the university and contributes to its advancement.
7. Dedicating oneself to academic responsibilities within the university, striving to enhance its scientific mission, and maintaining the level befitting its status in research, teaching, guidance, and administration.
8. Serving the community and contributing to its development.

SCIENTIFIC NETWORKS/DATA BASES

1. **Scopus**: https://www.scopus.com/authid/detail.uri?authorId=6506342333&origin=AuthorEval
2. **Researchgate net:** https://www.researchgate.net/profile/Mahmoud_Alomari
3. **Google Scholar:** https://scholar.google.com/citations?user=FbPWnyEAAAAJ&hl=en
4. **Pubmed**: https://pubmed.ncbi.nlm.nih.gov/?term=Alomari+MA&cauthor_id=25909821

PEER-REVIEWED REFERRED ARTICLES

In review	ISI-IF	Scopus
1. GBD Collaborators, **Alomari MA**. GBD 2021 Global Stillbirths, **Lancet**. **In review**.	168·9	Q1
2. GBD Collaborators, **Alomari MA**. Acute versus chronic care needs: An analysis of the Global Burden of Disease Study 2019, **Lancet**. **In review**.	168·9	Q1
3. GBD Collaborators, **Alomari MA**. Regional and National Progress in Achieving the 2025 Global Nutrition Targets, 2012, 2020, and beyond: A Systematic Analysis for the Global Burden of Disease Study, **Lancet**. **In review**.	168·9	Q1
4. **Alomari MA** and Khabour OF. Sedentary Behavior Worsen the Adverse Impact of E-cigarettes Smoking on Sleep Quality. **In review**.		
5. Hazaimeh R, **Alomari MA,** Khabour OF, Relationship of Waterpipe Smoking and Sleep Quality with Mental Health. **In review**.		
6. **Alomari MA,** Khabour OF, Aldughmi M. Altered Sleep Quality in Individuals Smoking Electronic Cigarettes is Gender Specific. **In review**.		
7. Edwana F**, Alomari MA** and Khabour OF. Relationship of Sleep Quality with Waterpipe Smoking and Physical Activity. **In review**.		
8. **Alomari MA**, Khabour OF Baniahmed AA. The Adverse Impact of Waterpipe on Emotions is Smoking Dependency-Specific: The Obesity Factor. **In review**.		
9. **Alomari MA.** Vitamin B12 and Folate among Adolescents Smoking Waterpipe versus Cigarettes: The Irbid-TRY. **In review.**		
10. Alqudah AS, **Alomari MA**, Yabroudi MA, Alawneh K**.** Joint Range of Motion is Altered in Rheumatoid Arthritis Patients: the Physical Activity Factor. **In review**		
11. Al-Sharman A, Aburub A, Khalil H, **Alomari MA**, Khabour OF, Shalabi S, Batyha W. Cortisol and Sleep Characteristics in Multiple Sclerosis. **In review**.		
12. Al-Sheyab N, **Alomari MA**, Shattnawi KK. Cardiovascular function and plasma ferritin levels in adolescents. **In review**.		
13. Bitawi IA and **Alomari MA.** Learning Integrity through Children literature Using Moral Stories in preschools. **In review**.		

2024	ISI-IF	Scopus
14. Ferrari AJ, **Alomari MA, GBD collaboration.** Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. **The Lancet**. April 15, 2024.	169	Q1
15. Naghavi M, **Alomari MA, GBD collaboration.** Global burden of 288 causes of death and life expectancy decomposition in 204 countries and territories and 811 subnational locations, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021. **The Lancet**. April 3, 2024.	169	Q1
16. Bhattacharjee NV, **Alomari MA, GBD collaboration.** Global fertility in 204 countries and territories, 1950–2021, with forecasts to 2100: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. **The Lancet**. April March 19, 2024.	169	Q1
17. Schumacher AE, **Alomari MA, GBD collaboration.** Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021. **The Lancet**. March 8, 2024	169	Q1
2023	**ISI-IF**	**Scopus**
18. Ghaith IF, Alzoubi KH, El-Elimat T, Al-Sawalha NA, Khabour OF, **Alomari MA**, M Al Momany E, Al U'datt DA. Palm Dates Protect Memory Formation in Diabetes Mellitus: Neutralization of Oxidative Stress. **The Open Agriculture Journal**. 2023 Aug 7;17(1).	1.43	Q2
19. **Alomari MA**, Khabour OF, Alzoubi KH, Maikano AB. The impact of COVID-19 pandemic on tobacco use: A population-based study. **Plos one**. 2023 Jun 23;18(6):e0287375.	3.7	Q1
20. Malekpour MR, **Alomari MA, GBD collaboration**. The burden of metabolic risk factors in North Africa and the Middle East, 1990–2019: findings from the Global Burden of Disease Study. **EClinicalMedicin**e. 2023 Jun 1;60.	15·1	Q1
21. **Alomari MA**, Khabour OF, Alzoubi KH, Aburub A. The Impact of COVID-19 Confinement on Reading Behavior. **Clinical Practice and Epidemiology in Mental Health**. 2023 Jun 5;19(1).	0.805	Q2
22. Khalil H, Rehan R, Al-Sharman A, Aburub A, Darabseh M, **Alomari MA**, Aburub A, El-Salem K. Exercise capacity in people with Parkinson's disease: which clinical characteristics are important**?** **Physiotherapy Theory and Practice**, 2023 Jul 3;39(7):1519-27.	2.176	Q2
23. **Alomari MA**, Haddad H, Megreya AM, Hadi S. The mitigating role of physical activities on emotions is gender-specific: An experience during "lenient" COVID-19 prevention protocols. **Health Care Women Int.** 2023 Apr 12;1-17. doi: 10.1080/07399332.2023.2181963.	1.5	Q2
24. Halboup AM, Alzoubi KH, Khabour OF, **Alomari MA**, Refat M, Al-Khazzan AY, Jaber AA, Abubakar U. Public Perception Toward COVID-19 Disease Nature,	2.9	Q1

Susceptibility to Complication, and Relationship to Influenza: A Cross-Sectional Study from Yemen**. J Multidiscip Healthc**. 2023 Mar 13;16:707-716. doi: 10.2147/JMDH.S399405. eCollection 2023.

25. Alharbi MS, Khabour OF, **Alomari MA**. The association between adiponectin plasma level and rs1501299 ADIPOQ polymorphism with atrial fibrillation. **Journal of King Saud University-Science**. May 2023, 35(4): 102655. doi:10.1016/j.jksus.2023.102655. — 3.8 — Q1

26. Alzoubi KH, Halboup AM, Khabour OF, **Alomari MA**. The Protective Effects of the Combination of Vitamin E and Swimming Exercise on Memory Impairment Induced by Exposure to Waterpipe Smoke. **CNS & Neurological Disorders-Drug** Targets. 2023;22(2):304-312. doi: 10.2174/1871527321666220318113635. — 2.8 — Q2

2022	ISI-IF	Scopus
27. **Alomari MA**, Khalil H, Khabour OF, Alzoubi KH. Lipid Profile in Parkinson's disease: The Potential Role of Brain-Derived Neurotrophic Factor. **Life Sciences**. 2022 Dec 15;311(Pt A):121144. doi: 10.1016/j.lfs.2022.121144. Epub 2022 Oct 29.	3.448	Q1
28. **Alomari MA**, Khabour OF, Alzoubi KH, Keewan E. Changes in Dietary Habits and Eating Behaviors During COVID-19 induced Confinement: A study from Jordan. **Human Nutrition & Metabolism**, 13 Nov 2022, 30:200169-200169	2.44	Q3
29. **Alomari MA**, Alzoubi KH, Khabour OF, Zraigat LA. Physical activity to ameliorate the negative mental health effects of COVID-19-induced confinement. **Informatics in Medicine Unlocked**, 100976.	3.373	Q2
30. **Alomari MA**, Alzoubi KH, Khabour OF, M Hendawi. Negative emotional symptoms during COVID19 confinement: The relationship with reading habits. **Informatics in Medicine Unlocked**, 100962.	3.373	Q2
31. Amer A, **Alomari MA**, Jarl G, Ajarmeh MM, Migdadi F, Eliasson AC, Hermansson L. Cross-cultural adaptation and reliability of the Arabic version of Children's Hand-use Experience Questionnaire (CHEQ). **Hong Kong J Occup Ther.** 2022 Jun; 35(1):84-95. doi: 10.1177/15691861221088891.	1.47	Q2
32. Alzoubi KH, Halboup AM, Khabour OF, **Alomari MA**. The Protective Effects of Combination Vitamin E and Swimming Exercise on Memory Impairment Induced by Exposure to Waterpipe Smoke. **CNS Neurol Disord Drug Targets.** 2022 Mar 18. doi: 10.2174/1871527321666220318113635.	2.824	Q2
33. Abuhammad S, Khabour OF, **Alomari MA**, Alzoubi KH. Depression, stress, anxiety among jordanian people during COVID-19 pandemic: A survey-based study**. Informatics in Medicine Unlocked**, 100936.	3.373	Q2

2021	ISI-IF	Scopus
34. **Alomari MA**, Khabour OF, Alzoubi KH, Darabseh MZ. Sleeping Habits during COVID-19 Induced Confinement: A study from Jordan. **Heliyon.** 2021. Dec;7(12):e08545. doi: 10.1016/j.heliyon.2021.e08545. Epub 2021 Dec 3.	3.472	Q1
35. **Alomari MA**, Khabour OF, Alzoubi KH. Gender-specific relationship of circulatory measures with waterpipe smoking: The Irbid WiHi project. **International Journal of Africa Nursing Sciences**. Volume 15, 2021, 100379**.**	1.33	Q2

36. Kendrick PJ, **Alomari MA**, GBD 2019 Tobacco Collaborators. Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. **Lancet Public Health.** 2021 Jul;6(7):e482-e499. doi: 10.1016/S2468-2667(21)00065-7. Epub 2021 May 28**.**	**16.3**	Q1
37. **Alomari MA**, Alzoubi KH, Khabour OF. Swimming Exercise Improves Short- and Long- term Memories: Time-course Changes. **Physiological Reports.** 2021 Jun;9(11):e14851. doi: 10.14814/phy2.14851	2.6	Q1
38. **Alomari MA**, Al-sheyab NA, Shattnawi KK, Khabour OF. Gender-specific differences in plasma ferritin in adolescents smoking cigarettes versus waterpipe smoking: the Irbid-TRY Project. **Archives of Medical Science, 2021.** DOI: https://doi.org/10.5114/aoms/115011	2.8	Q1
2020	**ISI-IF**	**Scopus**
39. Khabour OF, **Alomari MA**, Alzoubi KH, Alfaqih MA. Public Perception Regarding COVID-19, Nature of the Disease, Susceptibility to Complications, and Relationship to Influenza: A Study from Jordan Using Google Forms. **Journal of Multidisciplinary Healthcare.** 2020**.**	2.6	Q1
40. **Alomari MA**, Khabour OF, Alzoubi KH. Changes in Physical and Sedentary Activity amid Confinement: the BKSQ-COVID19 project. **Risk Manag Healthc Policy**. 13:1757-1764. doi: 10.2147/RMHP.S268320. eCollection 2020.	2.4	Q1
41. Alfwaress FSD and **Alomari MA.** Social and Religious Attitudes of Jordanian Parents Toward Children Born with Orofacial Clefts. **International Journal of Pediatric Otorhinolaryngology**. 2020	1.2	Q2
42. **Alomari MA**, Khabour OF, A. Maikano, Alawneh K, Alzoubi KH. The importance of physical fitness for the relationship of BDNF with obesity measures in young normal-weight adults**. Heliyon.** 2020 Mar 3;6(3)**.**	3.472	Q1
43. **Alomari MA**, Khabour OF, Alzoubi KH. Metabolic differences between men and women who are long-term users of the water pipe: The Irbid WiHi project. **J Vasc Nurs**. 2020 Mar;38(1):18-24.	---	Q2
44. **Alomari MA**, Alzoubi KH, Khabour OF, Eissenberg T. Puffing Topography and Physiological Responses in Men and Women with Low versus High Waterpipe Dependence during Smoking: The WiHi Irbid Project**. Drug Alcohol Depend**. 212(1):18-24., 108037.	3.466	Q1
45. **Alomari MA**, Al-Sheyab NA, Mokdad AH**.** Gender-Specific Blood Pressure and Heart Rate Differences in Adolescents Smoking Cigarettes, Waterpipes or Both. **Substance Use & Misuse**, 26: Pages 1-8.	1.132	Q2
46. **Alomari MA**, Al-Sheyab NA, Khabour OF, Alzoubi KH. Assent and Consent in Adolescent Research: Teachers' Perspectives. **Heliyon,** Volume 6, Issue 1, January 2020, e03116.	3.472	Q1
2019	**ISI-IF**	**Scopus**
47. **Alomari MA**, Al-Sheyab N, Shattnawi KK, Khabour OF. Gender-Specific Relationship Waterpipe Smoking and Plasma Ferritin Levels. **Archives of Medical Science**.	2.80	Q1

48. Alzoubi KH, Halboup AM, **Alomari MA**, Khabour OF. Swimming Exercise Protective Effect on Waterpipe Tobacco Smoking-Induced Impairment of Memory and Oxidative. **Life Science**. 2019 (239).	3.448	Q1
49. Alzoubi KH, Hasan ZA, Khabour OF, Mayyas FA, Al Yacoub ON, Banihani SA, **Alomari MA**, Alrabadi NNS. Vitamin E modifies high-fat diet-induced reduction of seizure threshold in rats: Role of oxidative stress. **Physiology & Behavior**: Volume 206, 1 July 2019, Pages 200-205.	3.033	Q1
50. Alzoubi KH, Halboup AM, **Alomari MA**, Khabour OF. The neuroprotective effect of vitamin E on waterpipe tobacco smoking-induced memory impairment: The antioxidative role. **Life Science**. 2019 Apr 1;222:46-52.	3.448	Q1
51. Al-Sheyab NA, **Alomari MA**, Hayajneh AA, S Smita. Attitudes and Perceived Barriers Toward Healthy Lifestyle Behaviors in Jordanian Adolescents: A Developing Country Perspective. **Adolesc Health Med Ther**. 2019 Mar 28;10:39-47.	ESCI	Q2
52. Al-Sheyab NA, **Alomari MA**, Khabour OF, Shattnawi KK, Alzoubi KH. Assent and consent in pediatric and adolescent research: school children's perspectives. **Adolesc Health Med Ther**. 2019 Feb 11;10:7-14.	ESCI	Q2
2018	**ISI-IF**	**Scopus**
53. Shattnawi KK, **Alomari MA**, Al-Sheyab N, Bani Salameh A. The relationship between plasma ferritin levels and body mass index among adolescents. **Scientific Reports**. 2018 Oct 17;8(1):15307.	4.525	Q1
54. **Alomari MA**, Al-Sheyab NA, Khabour OF, Alzoubi KH. Serum VEGF Level Is Different in Adolescents Smoking Waterpipe versus Cigarettes: The Irbid TRY. **Biomolecules**. 2018 Sep 28;8(4).	4.694	Q1
55. Khabour OF, **Alomari MA,** Abu Obaid AA. The Relationship of adiponectin level and ADIPOQ gene variants with BMI among young adult women. **Dermatoendocrinol**. 2018 Jun 18;10(1).	1.82	Q2
56. **Alomari MA**, Khabour OF, Alawneh K, Shammaa RA. Possible Modulation of Vascular Function Measures in Rheumatoid Arthritis by Homocysteine. **Int J Rheumatol.** 2018 Jul 2;2018:8498651.	ESCI	Q2
57. **Alomari MA**, Khalil H, Khabour OF, Wood R. Cardiovascular function is related to neuromuscular performance in Parkinson's disease. **Neurodegener Dis Manag.** 2018 Aug;8(4):243-255.	ESCI	Q2
58. Al-Sheyab NA and **Alomari MA,** Unhealthy eating habits among adolescent waterpipe smokers in Jordan. **Tob Induc Dis.** 2018 May 9;16:19. doi: 10.18332/tid/89976. eCollection 2018.	2.092	Q1
59. **Alomari MA,** Al-Sheyab NA, Khabour OF, Alzoubi KH. Brain-derived Neutrophic Factor in Adolescents Smoking Waterpipe: The Irbid TRY. **Int J Dev Neurosci**. 2018 Jun;67:14-18. doi: 10.1016/j.ijdevneu.2018.03.007. Epub 2018 Mar 16.	2.025	Q2
60. **Alomari MA**, Shammaa RA, Alawneh K, Khabour OF. Modulation of Vascular Function Measures in Rheumatoid Arthritis by Homocysteine. **Int J Rheumatol.** 2018; 1-5. 2018 Jul 2;2018:8498651. doi: 10.1155/2018/8498651. eCollection 2018.	1.824	Q2

61. Fullman N, Collaborative group, **Alomari MA**, Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. **Lancet**. 2018 Jun 2;391(10136):2236-2271. doi: 10.1016/S0140-6736(18)30994-2. Epub 2018 Jun 1.	59.10	Q1
62. **Alomari MA**, Khalil H, Khabour OF, Alzoubi KH, Dersieh EH. Altered Cardiovascular Function is related to Reduced BDNF in Parkinson's disease. **Exp Aging Res**. 2018 May-Jun;44(3):232-245. doi: 10.1080/0361073X.2018.1449589. Epub 2018 Mar 20.	1.345	Q2
63. **Alomari MA**, Al-Sheyab NA. Dual Tobacco Smoking is the New Trend among Adolescents: Update from The Irbid-TRY. **J Subst Use**. 2018; 23:3, 92–98.	0.770	Q2
64. **Alomari MA**, Al-Sheyab NA. Impact of Waterpipe Smoking on Blood Pressure and Heart Rate among Adolescents: The Irbid-TRY. **J Subst Use**. 2018; 23:3, 280-285	0.770	Q2
65. Al-Sheyab NA, **Alomari MA**. Prevalence, associated factors, and control level of asthma symptoms among adolescents in Northern Jordan. **Int J Adolesc Med Health**. 2018 Jan 13.		Q3
2017	**ISI-IF**	**Scopus**
66. **Alomari MA**, Al-Sheyab NA, Ward KD. Adolescent Waterpipe Use is associated with Greater Body Weight: The Irbid-TRY. **Subst Use Misuse**. 2017 Dec 20:1-9.	1.234	Q1
67. Alfwaress FSD, Khwaileh FA, Rawashdeh MA, **Alomari MA,** Nazzal MS. Cleft Lip and Palate: Demographic Patterns and the Associated Communication Disorders. **J Craniofac Surg**. 2017 Nov; 28(8):2117-2121.	0.788	Q2
68. Khalil H, **Alomari MA**, Khabour O, Al-Hieshan A, Bajwa JA. The Association Between Physical Activity With Cognitive Function and Brain-Derived Neurotrophic Factor in People With Parkinson's Disease: A Pilot Study. **J Aging Phys Act.** 2017 Oct 1; 25(4):646-652	1.837	Q1
69. Khabour OF, **Alomari MA**, Al-Sheyab NA. Parental Perceptions About Informed Consent/Assent in Pediatric Research in Jordan. **J Empir Res Hum Res Ethics**. 2017 Oct; 12(4):261-268.	1.352	Q2
70. Moradi-Lakeh M, Collaborative group, **Alomari MA.** Burden of musculoskeletal disorders in the Eastern Mediterranean Region, 1990–2013: Findings from the Global Burden of Disease Study 2013. **Ann Rheum Dis.** 2017 Aug; 76(8):1365-1373.	12.811	Q1
71. Khalil H, Busse M, Quinn L, Nazzal M, Batyha W, Alkhazaleh S, **Alomari MA.** A Pilot Study of a Minimally Supervised Home Exercise and Walking Program for People with Parkinson's disease in Jordan. **Neurodegener Dis Manag**. 2017 Feb; 7(1):73-84.	ESCI	Q2
72. Charara R, Collaborative group, **Alomari MA**. The Burden of Mental Disorders in the Eastern Mediterranean Region, 1990-2013. **PLoS One**. 2017 Jan 17;12(1):e0169575	2.806	Q1
73. Aburub A, Khalil H, Alsharman A, **Alomari MA**, Khabour OF, Batyha W. The Association between Physical Activity and Sleep Characteristics in Multiple Sclerosis Patients. **Multiple Sclerosis and Related Disorders**. 2017; 12(2); 29-33.	0.884	Q2

2016	ISI-IF	Scopus
74. Khalil I, Collaborative group, **Alomari MA.** Burden of Diarrhea in the Eastern Mediterranean Region, 2013. **Am J Trop Med Hyg**. 2016 Dec 7;95(6):1319-1329	2.549	Q1
75. Mokdad, AH, Collaborative group, **Alomari MA**. Health in Times of Uncertainty: Burden of Diseases, Injuries, and Risk Factors in the Eastern Mediterranean Region, 1990-2013. **Lancet Glob Health**. 2016 Oct; 4(10):e704-13.	17.686	Q1
76. **Alomari MA,** Khabour OF, Abu Obaid AA. The Association between Adiponectin and ADIPOQ Gene Polymorphisms with Obesity among Young Women. **GENETIKA**. 2016, 48(1): 363-372.	0.351	Q4
77. Al-Sheyab N, **Alomari MA**, Shah S, Gallagher R. "Class smoke-free" pledge impacts on nicotine dependence in male adolescents: A cluster randomized controlled trial. **Journal of Substance Us**e. 2016 March: 1-9	0.770	Q2
78. **Alomari MA,** Al-Sheyab NA. Cigarette smoking lowers blood pressure in adolescents: the Irbid-TRY. **Inhal Toxicol**. 2016 Feb;28(3):140-4	1.751	Q2
79. Khalil H, **Alomari MA**, Khabour OF, Al-Hieshan A, Bajwa JA. Relationship of circulatory BDNF with cognitive deficits in people with Parkinson's disease. J Neurol Sci. 2016 Mar 15;362:217-20	0.123	Q2
80. **Alomari MA**, Khabour OF, Gharaibeh MY, Qhatan RA. Effect of physical activity on levels of homocysteine, folate, and vitamin B12 in the elderly. Phys Sportsmed. 2016 Feb; 44(1):68-73.	1.292	Q2
2015	**ISI-IF**	**Scopus**
81. **Alomari MA**, Khabour OF, A. Maikano, Alawneh K. Vascular function and Brain-Derived Neurotrophic Factor: The Functional Capacity Factor. Vascular Medicine. 2015 Dec; 20(6):518-26.	1.866	Q2
82. **Alomari MA**, Shqair DM, Alawneh K, Khabour OF, Nazzal MI, M. A. Sadaqah. Vascular Protective Effects of Religious-Related Physical Activities in Healthy Individuals. **Gazzetta Medica Italiana Archivio per le Scienze Mediche.** 2015 July-August; 174(7-8):331-41.	ESCI	Q4
83. **Alomari MA**, Khabour OF, Alzoubi KH, Alzubi MA. Combining Restricted Diet with Forced or Voluntary Exercises Improves Hippocampal BDNF and Cognitive Function. **Int J Neurosci.** 2015 Jun 5:1-8.	1.216	Q3
84. **Alomari MA**, Khabour OF, Alzoubi KH, Shqair DM, Stoner L. Acute vascular effects of waterpipe smoking: Importance of physical activity and fitness status. **Atherosclerosis**. 2015 Jun; 240(2):472-6.	4.239	Q1
2014	**ISI-IF**	**Scopus**
85. Khabour OF, **Alomari MA**, Alzoubi KH, Gharaibeh MY, Alhashimi FH. Lack of Association between Polymorphisms of Hepatic Lipase with Lipid Profile in Young Jordanian Adults. **Lipid Insights**. 2014 Apr 21; 7:1-5.	NA	Q3
86. Al-Sheyab N, **Alomari MA**, Shah S, Gallagher P, Gallagher R. Prevalence, patterns and correlates of cigarette smoking in male adolescents in northern Jordan, and the influence of waterpipe use and asthma diagnosis: a descriptive cross-sectional study. **Int J Environ Res Public Health**. 2014 Sep 1; 11(9):9008-23.	2.101	Q2

87. **Alomari MA**, Khabour OF, Alzoubi KH, Shqair DM, T. Eissenberg. Central and Peripheral Cardiovascular Changes Immediately after Waterpipe Smoking. **Inhalation Toxicology**. 2014 Aug; 26(10):579-87.	1.751	Q2

2013	**ISI-IF**	**Scopus**
88. Nazzal ME, Saadah MA, Saadah. LM, **Alomari MA**, Al-Oudat ZA, Nazzal MS, El-Beshari MY, Al-Zaabi AA, Alnuaimi YI. Management options of chronic low back pain: A randomized blinded clinical trial. **Neurosciences**; 2013. 18 (2): 152-159.	ESCI	Q3
89. **Alomari MA**, Khabour OF, Alzoubi KH, Alzubi MA. Forced and voluntary exercises equally improve spatial learning and memory and hippocampal BDNF levels. **Behav Brain Res**. 2013 Jun 15; 247:34-9.	3.002	Q1
90. Khabour OF, Alzoubi KH, **Alomari MA**, Alzubi MA. Changes in spatial memory and BDNF expression to simultaneous dietary restriction and forced exercise. **Brain Res Bull**. 2013 Jan; 90:19-24.	3.033	Q2

2012	**ISI-IF**	**Scopus**
91. Gharaibeh MY, Alzoubi KH, Khabour OF, Tinawi LT, Hamad RH, Keewan EF, Matarneh SK, **Alomari MA**. Assessment of Cardiovascular Risk Factors Among University Students: The Gender Factor. **Cardiol Res**. 2012; 3(4):172-179.	ESCI	
92. **Alomari MA**, Shqair DM, Khabour OF, Alawneh K, Nazzal MI, Keewan EF. The Clinical and Nonclinical Values of Non-exercise Estimation of Cardiovascular Endurance in Young Asymptomatic Individuals. **ScientificWorldJournal**. 2012;2012:958752	1.219	Q2
93. **Alomari MA**, Keewan E, Shammaa RA, Alawneh K, Khatib SY, Welsch MA. Vascular Function and Handgrip Strength in Rheumatoid Arthritis Patients. **Scientific World Journa**l. 2012; 2012:58086.	1.219	Q2
94. Nazzal MI, Bashaireh KH, **Alomari MA**, Nazzal MS, Maayah MF, Mesmar M. Relationship between improvements in physical measures and patient satisfaction in rehabilitation after total knee arthroplasty. **International Journal of Rehabilitation and Research**. 2012 Jun; 35(2):94-101.	1.259	Q2

Before 2011	**ISI-IF**	**Scopus**
95. **Alomari MA**, Keewan EF, Qhatan R, Amer A, Khabour OF, Maayah MF, Hurtig-Wennlöf A. Blood pressure and circulatory relationships with physical activity level in young normotensive individuals: IPAQ validity and reliability considerations. Clin **Exp Hypertens**. 33(5):345-53, 2011.	1.162	Q3
96. **Alomari MA**, Mekary RA, Welsch MA. Rapid vascular modifications to localized rhythmic handgrip training and detraining: vascular conditioning and deconditioning. **Eur J Appl Physiol**. 109(5):803-9, 2010.	2.13	Q1
97. Gharaibeh MY, Gahtan RA, Khabour OF, **Alomari MA**. Hyperhomocysteinemia, low folate, and vitamin B12 deficiency in elderly living at home and care residences: a comparative study. **Lab Médicine** 41(7): 410-14, 2010.		Q3
98. Khabour OF, Alzoubi KH, **Alomari MA**, Alzubi MA. Changes in spatial memory and BDNF expression to concurrent dietary restriction and voluntary exercise. **Hippocampus**. 20(5):637-45, 2010.	3.945	Q1
99. **Alomari MA**, Welsch MA. Regional changes in reactive hyperemic blood flow during exercise training: time-course adaptations. **Dynamic Medicine**. 12(6):1-6, 2007.	1.7	Q1

100. **Alomari MA**, Solomito A, Reyes R, Khalil M, Wood RH, and Welsch MA. Measurements of Vascular Function using Strain-Gauge Plethysmography: Technical Considerations, Standardization and Physiological Findings. **American Journal of Physiology.** 286(1): H99-H107, 2004. 3.348 Q1

101. Welsch MA, **Alomari MA**, Parish TR, Wood RH, Kalb D. Influence of venous function on exercise tolerance in chronic heart failure. **J Cardiopulm Rehabil**. 22(5):321-6. 2002. 1.815 Q1

102. **Alomari MA**, Welsch MA, Prisby RD, Lee CM, Wood RH. Modification of forearm vascular function following short-term handgrip exercise training. **Int J Sports Med**. 22(5):361-5, 2001. 2.084 Q1

FUNDED PROJECTS

1. **MA Alomari** and OK Khabour. Life Style Contribution to Mental Health and Sleep Quality
ID#: JUST-MA 401/2022 **Amount: $**10,710.39 Status: **Completed; Published: In review**

2. **MA Alomari,** OK Khabour, and Fadwa Edwan. Relationship of Sleep Quality with Waterpipe Smoking and Physical Activity
ID#: JUST-MA 99/2022 **Amount: $**7,257.70 Status: **Completed; Published: In review**

3. **MA Alomari,** OK Khabour, and M. Muhanna. Ameliorating role of the negative emotional effects of vaping through physical activity
ID#: JUST-MA 746/2022 **Amount: $**5,989.36 Status: **Completed; Published: In review**

4. **MA Alomari,** OK Khabour, and R. Hazaymeh. Relationship of Waterpipe Smoking with Sleep Quality and Mental Health
ID#: JUST-MA 145/2022 **Amount: $**7,610.01 Status: **Completed; Published: In review**

5. **MA Alomari**, KH Alzoubi, OK Khabour. Lipid Profile among Parkinson's Disease Patients: The BDNF Factor
ID#: JUST-MA 506/2020 **Amount**: Not funded Status: **Completed; Published: Link**

6. **MA Alomari**, KH Alzoubi, OK Khabour. Serum BDNF and Cardiovascular Function in Adolescents
ID#: JUST-MA 352/2021 **Amount**: Not funded Status: **Completed; Published: underdevelopment**

7. **MA Alomari**, KH Alzoubi, OK Khabour. Cognitive and Neural Effects of Exercise, Omega 3, and Date
ID#: JUST-MA14/2018 **Amount: $ 14,355** Status: **Completed; Published: Link**

8. **MA Alomari** and N. Al-sheyab. The Effect of Smoking on Plasma Levels of Vitamin B12, Vitamin D, Folic Acid, and Beta-Carotene Among Jordanian Adolescents
ID#: JUST-MA214/2017 **Amount: $ 14,498** Status: **Completed: Published: In review**

9. **MA Alomari.** Validity and Reliability Considerations of (CHEQ 2.0) and (Mini-CHEQ).
ID#: JUST-MA84/2017 **Amount: $ 13,376** Status: published **(PMID: 35847188: Link)**

10. **MA Alomari.** The Associations of Physical Activity Level and WP Smoking with Vascular Function and CV Risk Profile in Adolescents.
ID#: JUST-MA293/2015 **Amount: $18,415** Status: Completed; Published **(PMID: 29261407: Link+26888292: Link)**

11. **MA Alomari** and OK Khabour. The Relationship of AF with Blood BDNF, IGF, and VEGF Levels
ID#: JUST-MA186/2014 **Amount: $8,700** Status: completed; Published: In review

12. **MA Alomari** H. Khalil, OK Khabour, E. Dersieh. Physical Activity, Vascular Function, and BDNF in Parkinson's Patients.
ID#: JUST-MA155/2014 **Amount: $10,105** **Status: Completed; Published: Link**

13. **MA Alomari** and OK Khabour. Effect of Physical Activity Level on Circulatory Brain-Derived Neurotrophic Factor and Vascular Function
ID#: JUST-MA146/2014 **Amount: $10,150** Status: **(PMID: 26285588: Link); Completed master thesis**

14. MS Alharbi, OK Khabour, and **MA Alomari**. The Association between Polymorphisms of Adiponectin Gene and Atrial Fibrillation
ID#: JUST-MA146/2014 **Amount: $ 5,945** Status: **Completed master thesis. Published: Link**)

15. **MA Alomari**. Behavioral and Neural Time-Course Changes to Forced Versus Voluntary Exercise in Rats
ID#: JUST-MA125/2013 **Amount: $17,560** Status: **Published: (**PMID: 34110704: **Link**)

16. **MA Alomari**. Relationship of Oxidative Stress with Vascular Function among the Elderly
ID#: JUST-MA119/2010 **Amount: $14,000** Status: In progress

17. **MA Alomari**. Relationship of Physical Activity with Blood Pressure Measures
ID#: JUST-MA82/2010 **Amount: $1,400** Status: **Published (PMID: 22606068: Link+21529313: Link)**

18. **MA Alomari,** K Alawneh, OK Khabour, and R. Shammaa. Effect of Homocyctine on Vascular Function in RA.
ID#: JUST-MA213/2009 **Amount: $4,040** Status: **Completed master thesis. Published: (**PMID: 30057616: **Link**)

19. **MA Alomari,** K Alawneh, OK Khabour, and E. Kewaan. Vascular Function and Health-Related Fitness in Patients with Rheumatoid Arthritis
ID#: JUST-MA89/2008 **Amount: $ 4,350** Status: **Published (PMID: 22606051: Link)**

20. **MA Alomari** and OK Khabour. Physical Fitness, Antioxidative Capacity and Vascular Function in the Elderly.
ID#: JUST-MA200/2007 **Amount: $ 5,720** Status: **Published (GMI)**

21. **MA Alomari.** Forearm Vascular Function and Level of Fitness in Patients with Diabetes Mellitus
ID#: JUST-MA108/2004 **Amount: $11,154** Status: **Published (PMID: 2260605)**

ACADEMIC SUPERVISION

1. **Younis Abualian.** Levels of DNA damage and oxidative stress in Lymphocytes of E-cigarette smokers. **In progress**

2. **AbdulRahman AlZamil.** The acute effect of soleus pushups on levels of thyroid hormones in individuals with hypothyroidism. **In progress**

3. **Nawar Ababneh.** The Effect of Soleus Muscle Pushups on Lipid, Glucose, and Insulin Levels in Individuals with Hypothyroidism. **In progress**

4. **Renad Hazaymeh.** Relationship of Waterpipe Smoking and Sleep Quality with Mental Health. **Graduated**: **Published:** In review

5. **Fadwa Edwan**. Relationship of Sleep Quality with Waterpipe Smoking and Physical Activity. **Graduated**: **Published:** In review

6. **Maryam Muhanna**. Ameliorating role of the negative emotional effects of vaping through physical activity. **Graduated**: **Published:** In review

7. **A. Alqudah**, Association Between Physical Activity and Range of Motion in Rheumatoid Arthritis, Department of Physical Therapy, Faculty of Applied Medical Sciences, **Graduated**: **Published:** In review.

8. **M. Alharbi**. Association between adiponectin gene polymorphism and atrial fibrillation. Department of Laboratory Medicine, Faculty of Applied Medical Sciences. **Graduated, Published: Link**

9. **E.H. Dersieh**. Effect of Physical Activity on Brain-Derived Neurotrophic Factor and Vascular Function in Parkinson's disease Patients. Department of Applied Biology, Faculty of Art and Science, **Graduated: Published: Link 1 , Link 2**

10. **A. Al-Hieshan**. The Relationship of Physical Activity with Cognitive Function and Brain-Derived Neurotrophic Factor Concentration in People with Parkinson's disease. Department of Applied Biology, Faculty of Art and Science. **Graduated, Published: Link**

11. **B. Maikano.** Effect of physical activity level on circulatory brain-derived neurotrophic factor and on vascular function. Department of Laboratory Medicine, Faculty of Applied Medical Sciences. **Graduated, Published: Link**

12. **A. Halboup**. The Effect of Waterpipe Smoking on Learning and Memory in Rats: The Beneficial Role of Vitamin E and Forced Swimming Exercise. Department of Clinical Pharmacy, Faculty of Pharmacy. **Graduated, Published: Link 1, Link 2**

13. **A. Abu-Obeid.** The Interaction between Resistin and Adiponectin Levels and Their Effect on Body mass index. Department of Laboratory Medicine, Faculty of Applied Medical Sciences, **Graduated, Published: Link**

14. **R. Shammaa**. Effect of Homocysteine on Vascular Function in RA. Department of Applied Biology, Faculty of Art and Science, **Graduated, Published: Link**

15. **E. Keewan**. Vascular Function and Handgrip Strength in Rheumatoid Arthritis Patients. Department of Physiology, Faculty of Medicine, **Graduated, Published: Link**

PUBLISHED ABSTRACTS

1. **M. Alomari**, H.Khalil, O. Khabour, R. Wood. Importance of muscular strength for cardiovascular function in Parkinson's disease. **Clinical Neurophysiology**, Vol. 128, Issue 9, e246–e247.

2. **M. Alomari**, H.Khalil, O. Khabour, Cardiovascular function and BDNF in Parkinson's disease. **Clinical Neurophysiology,** Vol. 128, Issue 9, e265–e266.

3. **M. Alomari,** N.A. Al-sheyab, A.H. Mokdad. Cardiovascular Function in Habitual Adolescents Smokers: The Irbid-TRY. **Tob. Prev. Cessation** 2017; 3(May Supplement):86.

4. **M. Alomari**, N.A. Al-sheyab, K. D. Ward. Obesity in Adolescent Smokers: The Irbid-TRY. **Tob. Prev. Cessation** 2017;3(May Supplement):17.

5. **M. Alomari**, S. Muaz Khalil, R. H. Wood, and M. A. Welsch. Time-Course of Regional Changes in Blood Flow Following Localized Short-Term Exercise Training. **Medicine and Science in Sports and Exercise**.2003, 35:5.

6. R. Reyes, **M. Alomari**, S. Brady, L. Li, M. Welsch, R. Wood. Hemodynamic Response Following Resistance Exercise in Young and Older Adult Women. **Medicine and Science in Sports and Exercise**. 2003, 35:5.

7. S. Muaz Khalil, R. Reyes, **M. Alomari**, R. Wood, S. Brady, M.A. Welsch. Relationship between Cardiovascular Endurance and Forearm Vascular Function in Women. **Medicine and Science in Sports and Exercise.**2003, 35:5.

8. T. Parish, **M. Alomari**, R. Wood, D. Kalb, and M. Welsch. Improved Exercise Tolerance and Quality of Life Following A Heart Failure Program in Family Practice. **Medicine and Science in Sports and Exercise**.2002, 34:5.

9. **M. Alomari**, T. Parish, R. Wood, D. Kalb, and M. Welsch. Relationships between Vascular Function Indices and Exercise Tolerance in Heart Failure and Age-Matched Controls. **Medicine and Science in Sports and Exercise**.2001, 33:5.

10. T. Parish, **M. Alomari**, R. Wood, D. Kalb, and M. Welsch. Relationship between Indices of Heart Rate Variability, Forearm Vasoreactivity and Exercise Tolerance. **Medicine and Science in Sports and Exercise**.2001, 33:5.

11. R. Reyes, R. H. Wood, M. A. Welsch, R. Prisby, C. M. Lee, L. Johnson, **M. Alomari**, T. B. Clinkscales, R. Jackson. Intensity-Dependent Hypotensive Response after Incremental Resistance Exercise in Older Adults. **Medicine and Science in Sports and Exercise**.2001, 33:5.

12. **M. Alomari,** T. Parish, R. Wood, D. Kalb and M. Welsch. Evaluation of a Sociomedical Model of Disability And Efficacy of A Care-Managed Program. **Medicine and Science in Sports and Exercise**.2000, 32:5.

13. **M. Alomari,** M. Welsch, R. Prisby, M. Lee, J. Hoy, R. Wood. Modification of Forearm Blood Flow Following Resistance Training. **Medicine and Science in Sports and Exercise**.1999, 30:5, S16.

14. R. Prisby, **M. Alomari,** M. Welsch, R. Wood. Heart Rate Variability During and Following Forearm Occlusion With and Without Repetitive Exercise in Healthy Individuals. **Medicine and Science in Sports and Exercise**.1999, 30:5, S16.

CONFERENCE PRESENTATIONS

2. W. Chen, N. Al-sheyab, **M. Alomari**, K. D. Ward. Associations of smoking and asthma among Jordanian adolescents. **Third International conference on Waterpipe Tobacco Smoking Research**. 9-11 November 2017. Beirut, Lebanon.
3. **Alomari MA**, Al-Sheyab NA, Khabour OF, Alzoubi KH. The Relationship of Waterpipe Smoking with Brain-derived Neutrophic Factor in Adolescents: The Irbid TRY. **Third International conference on Waterpipe Tobacco Smoking Research**. 9-11 November 2017. Beirut, Lebanon.

4. Al-Sheyab NA and **Alomari MA.** Unhealthy eating habits among adolescent waterpipe smokers in Jordan. **Third International conference on Waterpipe Tobacco Smoking Research**. 9-11 November 2017. Beirut, Lebanon.

5. **Alomari MA**, Khalil H, Khabour OF, Wood R. Importance of Muscular Strength for Cardiovascular Function in Parkinson's Disease. **The 16th European Congress on Clinical Neurophysiology (ECCN 2017)**. Aug 28-Sept2, 2017. Budapest, Hungry.

6. **Alomari MA,** Al-Sheyab NA, Mokdad AH.Cardiovascular Function in Habitual Adolescents Smokers: The Irbid-TRY**. European Network for Smoking and Tobacco Prevention (ESPN) Conference on Tobacco Control**. Athens, Greece, 24-26 May, 2017.

7. Alomari MA, Al-Sheyab NA, Ward KD. Obesity in Adolescent Smokers: The Irbid-TRY. European Network for Smoking and Tobacco Prevention (ESPN) Conference on Tobacco Control. Athens, Greece, 24-26 May, 2017.

8. **Alomari M,** Khabour OF, Halboup A, Shihadeh A, Eissenberg T. The Beneficial Effect of Forced Swimming Exercise in Memory Impairment Induced by Waterpipe Smoking. **Society of Nicotine and Tobacco Research** 2016, March 2-6. Chicago, IL, USA.

9. **Alomari MA**, RA, **Alawneh,** Keewan E, Shammaa **K.** Relationship between upper body strength and forearm vascular function in patients with RA**. 5th International Public Health Conference-Enhancing Transdisciplinary Approach in Advancing Public Health Agenda.** Kuala Lumpur, Malaysia. 25-27 August, 2015.

10. **Alomari MA**, Khabour OF, Alzoubi KH, Shqair DM, Stoner L. Acute vascular effects of waterpipe smoking: Importance of physical activity and fitness status.**5th International Public Health Conference-Enhancing Transdisciplinary Approach in Advancing Public Health Agenda.** Kuala Lumpur, Malaysia. 25-27 August, 2015.

11. **MA Alomari**, OF Khabour, KH Alzoubi, MA Alzubi. Forced and Voluntary Exercises Equally Improve Spatial Learning and Memory and Hippocampal BDNF Levels. **Movement, Health & Exercise Conference 2014 (MoHE 2014).** Kuantan, Pahang, Malaysia, September 2-3, 2014.

12. **MA Alomari**, OF Khabour, KH Alzoubi, MA Alzubi. Combining Restricted Diet With Forced or Voluntary Exercises Improves Hippocampal BDNF and Cognitive Function.**Movement, Health & Exercise Conference 2014 (MoHE 2014).** Kuantan, Pahang, Malaysia, September 2-3, 2014.

13. **MA Alomari**, DM Shqair, **K Alawneh**, OF Khabour, **ME Nazzal,** MA Sadaqah. Vascular Effects of Religious-Related Physical Activities in the Elderly. **Movement, Health & Exercise Conference 2014 (MoHE 2014).** Kuantan, Pahang, Malaysia, September 2-3, 2014.

14. **MA Alomari**, DM Shqair, **OF Khabour, KH Alzoubi.** Physical Activity Protects against Immediate Vascular Effects of Waterpipe Smoking.**21stWorld Conference on Health Promotion.** Pattaya, Thailand, August 25-29, 2013.Pattaya, Thailand, August 25-29, 2013.

15. **MA Alomari**, DM Shqair, OF Khabour, KH Alzoubi. Vascular-protective Value of Physical Fitness against Waterpipe Smoking.**21stWorld Conference on Health Promotion.** Pattaya, Thailand**,** August 25-29, 2013.

16. **M A. Alomari**, R. Shammaa, D. M. Shqair, **K. Alawneh**, **O. F. Khabour.** Effect of Homocycteine on Vascular Function in Rheumatoid Arthritis. **Excellence in Rheumatology Conference**. Madrid, Spain, January 25-28, 2012.

17. **M. Alomari**, D. Shqair, **K. Alawneh**, **O. Khabour, M. Nazzal,** E. Keewan. Evaluating the relationships of circulatory measures with estimation of cardiovascular endurance using a non-exercise model in young asymptomatic males and females**. 1st Asia Pacific Annual Congress on Controversies and Consensus in Diabetes, Obesity and Hypertension**. Shanghai, China, June 2-5, 2011.

18. **M. Alomari**, D. Shqair, **K. Alawneh**, **O. Khabour, M. Nazzal,** E. Keewan. Obesity relationship with non-exercise estimation of cardiovascular endurance in young asymptomatic males and females**.1st Asia Pacific Annual Congress on Controversies and Consensus in Diabetes, Obesity and Hypertension**. Shanghai, China, June 2-5, 2011.

19. **M. Alomari**, R. Qhatan, O. Khabour, M. Gharaibeh. Effect of Physical Activity Level on Homocysteine, Folate, and Vitamin B_{12} In the Elderly. **15th Annual European College of Sports Sciences Meeting,** Anatalya, Turkey, June, 2010.

20. **M. Alomari**, E. Keewan, **K. Alawneh, and S.** Khatib. Compromised Venous Function in Rheumatoid Arthritis.**15th Annual European College of Sports Sciences Meeting,** Anatalya, Turkey, June, 2010.

21. **M. Alomari**, E. Keewan, R. Qhatan, R. Ibraheem, **K. Alawneh**. Effect of Obesity and Health-Related Fitness Measures on Circulatory Hemodynamics in Healthy Sedentary College Students.**14th Annual European College of Sports Sciences Meeting,** Oslo, Norway, 24-27 June, 2009.

22. E. Keewan, **M. Alomari**, **K. Alawneh,** R. Ibraheem**, and S.** Khatib. Handgrip Strength and Forearm Vascular Function in Patients with Rheumatoid Arthritis. **14th Annual European College of Sports Sciences Meeting,** Oslo, Norway, 24-27 June, 2009.

23. **M. Alomari**, R. Qhatan, E. Keewan, **A. Abuwardeh, A. Amer and O. Khabour.** Validity and reliability of short-form international physical activity questionnaire in sedentary College students: physiological and clinical relevant. **14th Annual European College of Sports Sciences Meeting,** Oslo, Norway, 24-27 June, 2009.

24. **M. Alomari** and M. Welsch. Transient Improvements In Reactive Hyperemic Blood Flow Following Handgrip Exercise Training.**9th Annual European Collage of Sport Sciences Meeting**, Clermont-Ferrand, France 2004.

25. **M. Alomari,** S. Muaz Khalil, R. H. Wood, and M. A. Welsch. Time-Course of Regional Changes in Blood Flow Following Localized Short-Term Exercise Training. **ACSM 50th Annual Meeting**, San Francisco, CA, 2003.

26. R. Reyes, **M. Alomari**, S. Brady, L. Li, M. Welsch, R. Wood. Hemodynamic Response Following Resistance Exercise in Young and Older Adult Women. **ACSM 50th Annual Meeting**, San Francisco, CA, 2003.

27. S. Muaz Khalil, R. Reyes, **M. Alomari**, R. Wood, S. Brady, M.A. Welsch. Relationship between Cardiovascular Endurance and Forearm Vascular Function in Women. **ACSM 50th Annual Meeting**, San Francisco, CA, 2003.

28. **M. Alomari**, R. Reyes, R. Wood and M. Welsch. Short-Term Reliability of Forearm Venous Indices Using Strain Gauge Plethysmography: Influence of Handgrip Strength on Venous Outflow and Capacitance. **SEACSM 31st Annual Meeting**, Atlanta, GA. 2003. (**1st place SEACSM conference Student Award winner).**

29. S. Muaz Khalil, R. Reyes, **M. Alomari**, R. Wood, S. Brady, M.A. Welsch. Relationship between Cardiovascular Endurance and Forearm Vascular Function in Women. **SEACSM 31st Annual Meeting**, Atlanta, GA. 2003.

30. N. Solomito, L. Marsh, **M. Alomari**, and M.A. Welsch. Technical Considerations for the Assessment of Venous Function: Influence of Occlusion Time and Pressure. **SEACSM 31st Annual Meeting**, Atlanta, GA. 2003.

31. R. Reyes, M. Alomari, S. Brady, M. Khalil, L. Li, M. Welsch, and R. Wood. Effects of Age And Exercise Intensity On The Hemodynamic Response Following Resistance Exercise In Women. **SEACSM31stAnnualMeeting**, Atlanta, GA. 2003.

32. T. Parish, **M. Alomari**, R. Wood, D. Kalb, and M. Welsch. Improved Exercise Tolerance and Quality of Life Following a Heart Failure Program in Family Practice. **ACSM 49th Annual Meeting**, St. Louis, MO, 2002.

33. **M. Alomari**, T. Parish, R. Wood, D. Kalb, and M. Welsch. Relationships between Vascular Function Indices and Exercise Tolerance in Heart Failure and Age-Matched Controls. **ACSM 48th Annual Meeting**, Baltimore, MD. 2001.
34. T. Parish, **M. Alomari**, R. Wood, D. Kalb, and M. Welsch. Relationship between Indices of Heart Rate Variability, Forearm Vasoreactivity and Exercise. **ACSM 48th Annual Meeting**, Baltimore, MD. 2001.
35. R. Reyes, R. H. Wood, M. A. Welsch, R. Prisby, C. M. Lee, L. Johnson, **M. Alomari**, T. B. Clinkscale, R. Jackson. Intensity-Dependent Hypotensive Response after Incremental Resistance Exercise in Older Adults. **ACSM 48th Annual Meeting**, Baltimore, MD. 2001.

36. **M. Alomari**, T. Parish, R. Wood, D. Kalb, M. Welsch. Influence of Vascular Function on Exercise Tolerance in Heart Failure. **SEACSM 29th Annual Meeting**, Columbia, SC. 2001. **(3rd place SEACSM conference Student Award winner).**
37. T. Parish, **M. Alomari**, R. Wood, D. Kalb, M. Welsch. Reproducibility of the Six-Minute Walking Test in Patients with Chronic Heart Failure. **SEACSM 29th Annual Meeting**, Columbia, SC. 2001.
38. **M. Alomari**, T. Parish, R. Wood, D. Kalb and M. Welsch. Evaluation of a Sociomedical Model of Disability. **ACSM 47th Annual Meeting**, Indianapolis, IN. 2000 & **Kistler Conference**, Baton Rouge, LA 2000.
39. C.M. Lee, **M. Alomari**, T. Parrish, D. Kalb, R. Wood, L. Li, and M. Welsch. Evaluation of Heart Rate Variability and its Association to Physical Function in Patients with Heart Failure. **SEACSM 28th Annual Meeting**, Charlotte, NC. 2000.
40. T. Parish, **M. Alomari**, R. Wood, D. Kalb, and M. Welsch. Evaluation of Physical Function and Perceived Quality of Life in Patients with Heart Failure in a Family Practice Setting. **SEACSM 28th Annual Meeting**, Charlotte, NC. 2000. & **Kistler Conference**, Baton Rouge, LA 2000.
41. D. Kalb, M. Welsch, T. Parish, **M. Alomari**, R. Srinivasan, L. Tucker. A Heart Failure Care-Managed Program in Family Medicine. **Louisiana Association of Family Practitioners**, Baton Rouge, LA 2000.
42. **M. Alomari**, M. A. Welsch, R. D. Prisby, C. M. Lee, J. Hoy, R. H. Wood. Modification of Forearm Blood Flow Following Resistance Training. **ACSM 46th Annual Meeting**, Seattle, WA. 1999 & **Kistler Conference**, Baton Rouge, LA 1999.
43. R. Prisby, **M. Alomari**, M. Welsch, R. Wood. Heart Rate Variability During and Following Forearm Occlusion in Healthy Individuals. **ACSM 46th Annual Meeting**, Seattle, WA. 1999 & **Kistler Conference**, Baton Rouge, LA 1999.
44. R. Reyes, E. Hirschey, A. Gray, **M. Alomari**, D. Bao, M. Frisard, M. Welsch, R. Wood, Physical Fitness and Perceived Quality of Life Among Rural and Urban Louisiana Senior Women. **SEACSM 27th Annual Meeting,** Norfolk, VA. 1999.
45. J. Schluck, K. Ecker, **M. Alomari**, S. Boehler. The Effect of a Short-Term High-Volume Resistive Training Program on Muscular Strength, Body Composition, and Serum Glucose and Insulin Levels in Heart Patients. **American Association of Exercise Physiologists**, Duluth, MN. 1998.
46. **M. Alomari**, K. Ecker, J. Schluck, S. Boehler and M. Welsch. Changes in Mean Arterial Pressures Following Resistance Training in Phase III and IV in Cardiac Rehabilitation Patients. SEACSM 26th Annual Meeting, Destin, FL. 1998.

RESEARCH INTEREST and ONGOING RESEARCH PROJECTS

Research Interest: Wellness and Lifestyle in Health and Diseases

1. The Hormonal and Metabolic Changes during Ankle Pushup Exercise.

2. The Importance of Exercise for Sleep and Mental Health among Individuals Smoking Waterpipe, Cigarettes, and Electronic Cigarettes versus None.

3. The Separate and Combined Effects of Exercise, Date, and Omega 3 on Various Body Systems and Functions Including:

- **Metabolic**
- **Neural**
- **Cardiovascular**
- **Musculoskeletal**
- **Hormonal**

4. Waterpipe and Health in Irbid (WiHi Irbid)

The project is cross-sectional to examine the effect of habitual waterpipe smoking on health. In this project, the relationship of smoking with various body systems and functions:

- **Cardiovascular system**

- **Lipid profile**
- **Inflammatory cytokines profile**
- **Obesity**

5. Irbid Tobacco Risk in Youth (Irbid TRY)

The project is longitudinal cohort designed to examine the adverse health effects of tobacco (waterpipe and cigarette) consumption among adolescents. The main outcomes include

- **Cardiovascular function and risk factors**
- **Obesity**
- **Physical activity**
- **Diet**
- **Asthma diagnosis and symptoms**

REVIEWING & EVALUATION SERVICES

PEER-REVIEWED JOURNALS

Cardiovascular Function and Diseases

- Atherosclerosis
- Vascular Medicine
- Journal of Cardiovascular Medicine
- Expert Review of Cardiovascular Therapy
- International Journal of Hypertension

Exercise Physiology and Science

- Journal of Sport and Health Science
- International Journal of Physical Activity
- International Journal of Sports Medicine

Public Health and Epidemiology

- International Journal of Public Health.
- BMC Public Health
- Annals of Epidemiology

Endocrinology and Metabolism

- Endocrine
- Diabetologia
- Obesity

Miscellaneous

- World Journal of Pediatrics
- Arthritis Care & Research
- Menopause
- Neuroscience Letters
- Nicotine & Tobacco Research
- PLOS ONE
- Clinical Physiology and Functional Imaging

AGENCY EVALUATION

- **Accreditation and Quality Assurance Commission for Higher Education Institutions**, Evaluating the Physical Therapy Master Program in University.of Jordan
- **The Saudi Arabian Cultural Mission in Amman, Jordan**. Developing Physical Therapy Evaluation Standards for Saudi Scholarship Students with Special Needs.

RESEARCH DEGREE PROJECTS

Doctoral (Four projects)

- Modification of Forearm Vascular Function Following Short-Term Handgrip Exercise Training (Published: Link).
- Influence of Venous Function on Exercise Tolerance in Chronic Heart Failure (Published: Link).
- Measurements of Vascular Function using Strain-Gauge Plethysmography: Technical Considerations, Standardization and Physiological Findings (Published: Link).
- **Arterial and Venous Adaptations to Short-term Handgrip Exercise Training (Final project) (Published: Link).**

Master

- Effect of Resistance Exercise Training on phase 3 and 4 Cardiac Rehabilitation Patients.

CLINICAL EXPERIENCE

- Baton Rouge General Hospital, Baton Rouge, LA. Heart Failure Clinic-Research Associate (1999-2001)
- Immanuel St. Joseph Hospital, Mankato, MN. Cardiovascular Rehabilitation Internship (1993-1995)

SERVING COMMITTEES

- Department/Faculty Research Committee Promotion Committee, Chairman (2017-current)
- Graduate Committee/Coordinator (2017-current).
- Department/Faculty Research Committee (2003-current).
- University Counsel, Faculty of Applied Medical Sciences representative, (2009-2010).
- Faculty of Applied Medical Sciences Counsel, Department of Allied Medical Sciences representative (2004-2005), Jordan University of Science and Technology.

AWARDS/HONORS

- Corbett Graduate Summer Research Award, Louisiana State University, Baton Rouge, LA, 2003.
- SEACSM Student Research Award (1st Place), 2003.
- SEACSM Student Research Award (3rd Place), 2001.
- Student Exchange Scholarship, Jordan University of Science and Technology, Irbid, Jordan, 2000-2003.
- International Student Endowment Scholarship, Minnesota State University, Mankato, MN, 1993-1995.

COMPUTER KNOWLEDGE

- Computer Programming Languages: COBOL & BASIC
- Computer Software Applications:
  - Microsoft Office
  - SPSS statistical package
  - Endnote

PERSONAL

- Born in 1968
- Married
  - Wife: Diana
  - Children:
    - Boy: Wael
    - Girl: We`am
    - Boy: Yahia
    - Boy: Dawsar