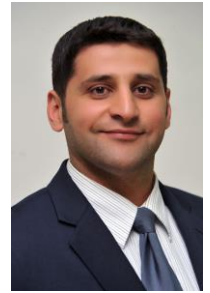


Zakariya H. Nawasreh, PT, MSc, Ph.D

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Faculty of Applied Medical Sciences
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EDUCATION

University of Delaware, Newark, DE Ph.D in Biomechanics and Movement Sciences	Feb 2012 – Jun 2015
University of Pittsburgh, Pittsburgh, PA Master of Science in Musculoskeletal Physical Therapy	Aug 2010 - Aug 2011
Jordan University of Science and Technology, Irbid, Jordan Bachelor of Science in Physical Therapy	Sep 2002 - Jun 2006

RESEARCH EXPERIENCE

Research Assistant Biomechanics and Movement Science Dept. & Physical Therapy Dept. University of Delaware, Newark, DE	Jan 2015 – Jun 2015
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Previous Projects:

R01AR48212 Can Neuromuscular Training Alter Movement Patterns? Role: Investigator	Snyder-Mackler (PI)	04/15/05-03/31/16
R37HD037985 Dynamic Stability of the ACL Injured Knee Role: Investigator	Snyder-Mackler (PI)	02/08/01-02/28/17
R44HD068054 Dynamic Perturbation Training System for ACL Rehabilitation Role: Investigator	Greenwald (PI)	04/01/11-02/28/14
No number Muscular and Hop Performance Characteristics of Uninjured Individuals Role: Investigator	Snyder-Mackler (PI)	04/11/20- May 2015
No number Uninjured Gait Data Role: Investigator	Snyder-Mackler (PI)	03/10/2010- May 2015

My duties included writing research proposals and IRB documents. Communicate and coordinate with physicians and physical therapists and interact with patients during patients' recruitment processes. Schedule patients' testing, training sessions, and follow-ups testing to investigate the effectiveness of rehabilitation programs and to track patients' changes using different clinical and biomechanical outcomes. Conduct clinical testing and motion

analysis testing (Using Vicon workstation and Nexus for motion capture). Administering the study rehabilitation program and processing motion data using different software including, LabVIEW, Visual3D, DICOM. Create and develop software codes for data analysis included analyzing biomechanical and EMG data (LabVIEW, Visual3D, DICOM, some experience with MATLAB). Use statistical software (SPSS) for data analysis and data interpretation. Write and review journal manuscripts. Write studies' annual reports and abstracts, and present at national and international conferences (i.e. ACSM, CSM, ORS, and ESSKA), as well as write a dissertation proposal, and journal manuscripts.

Summer Research Visiting:

06/09/2019 - 08/09/2019: Visiting University of Delaware, Graduate Program in Biomechanics and Movement Sciences and the Department of Physical Therapy. Laboratories of Dr. Lynn Snyder-Mackler.

Projects: **Biomechanical Analysis of the FIFA11+ injury prevention program**

05/15/2018 - 08/31/2018: Visiting University of Delaware, Graduate Program in Biomechanics and Movement Sciences and the Department of Physical Therapy. Laboratories of Dr. Lynn Snyder-Mackler.

06/05/2017 - 09/01/2017: Visiting University of Delaware, Graduate Program in Biomechanics and Movement Sciences and the Department of Physical Therapy. Laboratories of Dr. Lynn Snyder-Mackler.

Project: Reactive Agility System for ACL Rehabilitation/ Reactive Agility Platform Training (RAPTr) [535813-11]

Current Research Projects:

Grant# 007-2021 Is the Development of Radiographic signs of Knee Osteoarthritis Mediated by Altered Knee and Hip Muscles Strength and Performance After Anterior Cruciate Ligament Reconstruction? **Primary Investigator**

Grant# 363-2018 Prevalence of Sport Injuries in Professional and intercollegiate Sports in Jordan. **Primary Investigator**

Grant# 501-2018 Contextual Risk Factors and Post-injury outcomes of Professional and Intercollegiate Sports Injuries in Jordan. **Primary Investigator**

Grant# 325-2017 Frontal plane Knee mechanics profile in athletes with and without limb-to-limb symmetry determined by the performance on the single-legged hop tests. **Primary Investigator**

Grant# 352-2017 Is the Development of Radiographic signs of Knee Osteoarthritis mediated by Altered Knee Biomechanics after Anterior Cruciate Ligament Reconstruction? **Primary Investigator**

Grant# 20210310 The associations between patient's pre-surgery knowledge of ACLR surgery and rehabilitation, expectations, and motivations with return to pre-injury level of sport and satisfaction after ACLR. **Co-investigator**

Grant#20200443- The Effect of Quarantine Period on Patients with Knee Injuries or Osteoarthritis During COVID-19 Pandemic in Jordan. **Co-investigator**

Grant#20190114- Return to Pre-Injury Level of Military Duty After Anterior Cruciate Ligament Reconstruction in Jordan. **Co-investigator**

Grant#20190071- The Effectiveness of Pulsed Electromagnetic Field and Progressive Resistance Exercise on Knee Osteoarthritis. **Co-investigator**

Grant#20170109- Return to Pre-injury Level of Activity and Participation after Primary Anterior Cruciate Ligament (ACL) Reconstruction in Jordan. **Co-investigator**

Jordan University of Science and Technology, Irbid, Jordan

The Middle East "Stepping forward" Project

Oct 2009-Jul 2010

Role: Investigator

TEACHING EXPERIENCE:

Jordan University of Science and Technology, Applied Medical Science faculty, Dept. of Rehabilitation Sciences. Jordan

Associate Professor

May 2022 _ Current

Assistant Professor

Sep 2015 – May 2022

Undergraduate courses

- O.T 100 Disability & the Society
- P.T 205 Biomechanics
- P.T 206 Kinesiology
- P.T 208 Kinesiology Lab
- P.T 231 Physical Modalities
- P.T 233 Physical Modalities Lab
- P.T 207 Exercise Physiology
- P.T 313 Pharmacology
- P.T 345 Prosthetic and Orthotics
- P.T 461 Electrotherapy
- P.T 234 Therapeutic exercises
- P.T 232 Therapeutic exercises lab
- L.M 493 Research Project and Seminar
- P.T 493 Clinical Practice in Orthopedics 1
- P.T 494 Clinical Practice in Orthopedics II

Graduate courses:

- P.T 761 Advanced Musculoskeletal Physical Therapy
- C.R 733 Sport Rehabilitation
- P.T 768 Advanced Sport Injuries Management
- CR 736 Advanced Theories and Practice in Orthopedic Rehabilitation
- P.T 791 Seminar

Assistant Professor/part-time

April 2016- May 2016

Alneelain University, faculty of physical therapy, Sudan

Graduate courses:

- GAAN721 Gait analysis
- PATH723 Pathomechanics

Full time lecturer:

Sep 2011- Dec 2011

Jordan University of Science and Technology, Applied Medical Science faculty, Dept. of Rehabilitation Sciences.
Jordan

P.T371-Introduction to physical therapy clinics
P.T221-Musculoskeletal assessment
P.T244-Therapeutic exercises (1)
P.T372-Clinical practice in orthopedics

Teaching Assistant

Sep 2006-Jul 2010

Jordan University of Science and Technology, Applied Medical Science faculty, Dept. of Rehabilitation Sciences.
Jordan

Supervise and maintain the physical therapy's labs and materials.
Supervise and coordinate the students' clinical training (at King Abdullah University Hospital, Al-basheer Hospital (Amman), Basma Hospital (Irbid))
Assist in administrative aspects (courses schedules, exam schedules, training center management, staff assessments implementation, materials, and equipment tenders.

CLINICAL EXPERIENCE:

Clinical Training Supervisor at King Abdullah University Hospital:

Sep 2016-Current

Jordan University of Science & Technology, Irbid, Jordan

P.T 493 Clinical Practice in Orthopedics 1 (First Term)
P.T 494 Clinical Practice in Orthopedics II (Second Term)

Part-time physical therapist and consultant:

This includes 4 sessions of 4 hours per week of full duty physical therapist that include evaluation and treatment.
King Abdullah University Hospital, Irbid – Jordan

Nov 2017- present

Physical therapy counseling at the sport rehabilitation clinic, King Abdullah University Hospital, Irbid, Jordan
May 2017- present

Physical therapy counseling at Irbid Consultancy Center for Physical Therapy, Irbid, Jordan

Feb 2020-present

PUBLICATIONS:

Nawasreh Z; Yabroudi M; Daradkeha S; Abujaber S; Kassasa M; Bashaireh K.

Sagittal Plane Biomechanics Differences During Drop Jump Landing Between Athletes with and without Radiological Signs of Knee Osteoarthritis: Two Years Post Anterior Cruciate Ligament Reconstruction. Submitted to Sports biomechanics, **under review.**

Nawasreh Z; Daradkeha S; Kassasa M; Yabroudi M; Dahabreh Z; Bashaireh K. Factors Associated with Radiological Signs of Knee Osteoarthritis Two Years after Anterior Cruciate Ligament Reconstruction. Submitted to Cartilage, **under review.**

Bashaireh K, Yabroudi M, Logerstedt D; Snyder-Mackler L; **Nawasreh Z.** Reasons for Not Returning to Pre-injury Level of Activity and Sports After ACL Reconstruction. International Journal of Sports Medicine, **Under review**

Nawasreh Z; Yabroudi M.; Daradkeha S; AbuJaber, S, Alyamani M, Bashaireh K. Joint contributions to sagittal plane total support moment in patients with knee osteoarthritis after anterior cruciate ligament reconstruction. **Accepted**, *Gait & Posture*, 2 January 2024.

Yabroudi M; Aldardour A; **Nawasreh Z**; Obaidat S; Altubasi I; Bashaireh K. The Effects of Combination of Pulsed Electromagnetic Field with Progressive Resistance Exercise on Knee Osteoarthritis. A Randomized Controlled Trial. *Journal of Back and Musculoskeletal Rehabilitation*, **Accepted**, August 2023.

Nawasreh Z; Yabroudi M, Dabas W; Darwish A; Alsharei A; Bashaireh K. Factors Associating with The Severity of Soccer Injury Among Men and Women Professional Teams. *J. of SCI. IN SPORT AND EXERCISE* (2023). <https://doi.org/10.1007/s42978-023-00233-0>

Maayah M, **Nawasreh Z**, Gaowgzeh R, Neamatallah Z, Alfawaz Z, Alabasi U. Neck pain associated with smartphone usage among university students. *PLoS One*. 2023;18(6):e0285451. Published 2023 Jun 23. doi:10.1371/journal.pone.0285451.

Nawasreh Z; Yabroudi M; Kassas M; Daradkeh S; Bashaireh K. Hip Abductor and External Rotator Strength Correlate with Hop Symmetry in Men Athletes Two Years after ACL-Reconstruction. *Journal of Sport Rehabilitation*, **Accepted**. Published Online: 21 Mar 2023. DOI: <https://doi.org/10.1123/jsr.2022-0018>.

Nawasreh Z; Yabroudi M; Al-Shdifat A; Obaidat S, Daradkeha S; Dahabreh Z; Kassasa M; Bashaireh K. Patient-Reported Measures Associated with the Return to Pre-Injury Levels of Sport 2 Years after Anterior Cruciate Ligament Reconstruction. *J. Funct. Morphol. Kinesiol.* 2023, 8(1), 28; doi.org/10.3390/jfmk8010028

Madi M, Hamzeh H, Abujaber S, **Nawasreh Z**. Have we failed them? Online learning self-efficacy of physiotherapy students during COVID-19 pandemic. *Physiother Res Int.* 2023 Jan 5;e1992. doi: 10.1002/pri.1992. Online ahead of print.

Nawasreh Z; Yabroudi M; Darwish A; Debes W; Bashaireh K. Player Sex and Playing Surface are Individual Predictors of Injuries in Professional Soccer Players. *Pathophysiology* 2022, Oct 26;29(4):619-630. doi: 10.3390/pathophysiology29040048.

Nawasreh Z; Yabroudi M.; Al-Shdifat A; Daradkeha S; Kassasa M; Bashaireh K. Kinetic Energy Absorption Differences During Drop Jump Between Athletes with and without Radiological Signs of Knee Osteoarthritis: Two Years Post Anterior Cruciate Ligament Reconstruction. *Gait & Posture*, 2022, 98, pages 289-296. doi: <https://doi.org/10.1016/j.gaitpost.2022.10.005>.

Yabroudi M, **Nawasreh Z**; Dabas W; Al-Shorman E; Darwish A; Samaneh H; Bashaireh K. The influence of Sleeping Quality and Quantity on Soccer Injuries in Professional Teams. *J Sports Med Phys Fitness.* 2022 Oct;62(10):1375-1382. doi: 10.23736/S0022-4707.21.13016-6. Epub 2021 Dec 9

Yabroudi M, Bashaireh K, **Nawasreh Z**; Snyder-Mackler L, Logerstedt D; Maayah M. Rehabilitation Duration and Time of Starting Sport-Related Activities Associated With Return to the Previous Level of Sports After Anterior Cruciate Ligament Reconstruction. *Phys Ther Sport.* 2021 May; 49:164-170. doi: 10.1016/j.ptsp.2021.02.014

Bashaireh K, Yabroudi M; **Nawasreh Z**, Al Zyoud S. Bashir N, Aleshawi A, Allouh M. Racial variations in knee joint laxity: A comparative study of the Jordanian Arab and Malay populations. *The Knee.* May 2020, 27(4): 1205-1211.

Nawasreh Z, Marmon A, Logerstedt D, Snyder-Mackler L. The Effect of Training on a Compliant Surface on Muscle Activation and Co-contraction After Anterior Cruciate Ligament Injury. *Journal of Sport Rehabilitation, Int J Sports Phys Ther.* 2019 Jul; 14(4): 3554–3563

Nawasreh Z; Logerstedt D, ACL Injury, Surgery, and Rehabilitation: A Science-Based and Evidence-Informed Approach. Western Schools, ISBN: 978-1-68041-551-3

Nawasreh Z, Logerstedt D, Marmon A, Snyder-Mackler L. Clinical and Biomechanical Efficacies of Mechanical Perturbation Training After Anterior Cruciate Ligament Rupture. *J Sport Rehabil.* 2019 Nov 1;28(8):877-886. doi: 10.1123/jsr.2017-0363

Nawasreh Z, Failla M, Marmon A, Logerstedt D, Snyder-Mackler L. Comparing the Effects of Mechanical Perturbation Training with a Compliant Surface and Manual Perturbation Training on Joints Kinematics after ACL Rupture. *Gait & Posture*, May 2018, 64, 43-49. doi: 10.1016/j.gaitpost.2018.05.027

Nawasreh Z, Adams G, Pryzbylkowski O, Logerstedt D. Influence of Patient Demographics and Graft Type on ACL Second Injury Rates in Ipsilateral vs Contralateral Knees: Systematic Review and Meta-Analysis. *International Journal of Sports Physical Therapy*, August 2018, Volume 13 (4):561, DOI: 10.26603/ijsp20180501m,

Nawasreh Z, Logerstedt D. ACL Injury, Surgery, and Rehabilitation: Science-Based and Evidence-Informed Approach. Western Schools, April 2018, ISBN: 978-1-68041-551-3.

Nawasreh Z, Logerstedt D, Failla, M, Snyder-Mackler L. No Difference Between Mechanical Perturbation Training with Complaint Surface and Manual Perturbation Training on Knee Functional Performance After ACL Rupture". *J Orthop Res*, November 2017, Epub ahead of print (doi: 10.1002/jor.23784)

Nawasreh Z, Logerstedt D, Cummer K, Axe M, Risberg M, Snyder-Mackler L. Functional Performance Six Months After ACL Reconstruction Can Predict Return to Participate in the Same Preinjury Activity Level 12 and 24 Months after Surgery. *Br J Sports Med.* 2018 Mar;52(6):375.

Nawasreh Z, Logerstedt D, Cummer K, Axe MJ, Risberg MA, Snyder-Mackler L. Do Patients Failing Return-To-Activity Criteria at 6 Months after Anterior Cruciate Ligament Reconstruction Continue Demonstrating Deficits at 2 Years? *Am J Sports Med.* 2017 Apr; 45(5):1037-1048.

Nawasreh Z, Wellsandt E, Logerstedt D. Clinical Concepts on ACL injury, surgery, and rehabilitation. GSC home study course. 2013

PEER-REVIEWED ABSTRACTS

Yabroudi M, Bataineh D, **Nawasreh Z**, Bashaireh K, AlTubasi I. The Association between Pre-Surgery Knowledge of ACL Reconstruction and Rehabilitation with Patient Satisfaction after Surgery. Poster presentation, APTA-CSM 2022 Meeting, San Diego, CA, USA; February 23-25, 2023.

Nawasreh Z; Kassas M; Daradkeh S; Yabroudi M. Quadriceps and Hamstring Muscles Strength Association with hop Performances 2 Years After Anterior Cruciate Ligament Reconstruction. Poster presentation. 20th European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) Congress, 2022. Paris, France. April 27-29/2022.

Nawasreh Z; Kassas M; Daradkeh S; Yabroudi M. Hip Abductors and External Rotators Muscles Strength Association with hop Performances 2 Years After Anterior Cruciate Ligament Reconstruction. Poster presentation. 20th European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) Congress, 2022. Paris, France. April 27-29/2022.

Nawasreh Z; Kassas M; Daradkeh S; Yabroudi M; Bashaireh K; Logerstedt D; Patient-Reported Measures Predict Return to Preinjury Sport Activity Two Years after ACL Reconstruction, Oral presentation, APTA-CSM 2022 Meeting, 2-5 February 2022, San Antonio, TX, USA

Nawasreh Z; Dabas W; Yabroudi M; Al-Shorman E; Darwish A; Samaneh H; Bashaireh K. The influence of Sleeping and Smoking Measures on the Occurrence of Injuries in Professional Soccer Players. ePoster, World Physiotherapy Congress On-line, 9-11, April 2021

Nawasreh Z; Yabroudi M, Bashaireh K. Reasons for not returning to the same pre-injury level in non-professional men soccer players after ACL reconstruction. Virtual conference and will be held online, Oral presentation, 11-15, May 2021, 19th ESSKA Congress. Milan, Italy

Nawasreh Z; Yabroudi M, Snyder-Mackler L; Logerstedt D; Bashaireh K. Reasons for Not Returning to Pre-injury Level of Activity and Sports After ACL Reconstruction. Poster presentation, APTA-CSM Meeting, 12-15 February 2020, Denver, CO, USA

Yabroudi M, **Nawasreh Z**; Snyder-Mackler L, Logerstedt D, Bashaireh K. Predictors of Patient's Satisfaction after Anterior Cruciate Ligament Reconstruction. Oral presentation, APTA-CSM Meeting, 12-15 February 2020, Denver, CO, USA

Nawasreh Z; Marmon A; Logerstedt D, Snyder-Mackler L. Clinical and Biomechanical Efficacies of Mechanical Perturbation Training After Anterior Cruciate Ligament Rupture. Oral presentation, World Confederation for Physical Therapy (WCPT) Congress, 10-13 May 2019, Geneva, Switzerland

Nawasreh Z, Logerstedt D. Second ACL Injury after Primary ACL Reconstruction Stratified by Patients' Sex and Graft Type: Systemic Review and Meta-Analysis" Poster presentation. APTA-CSM Meeting 23-26, January 2019, Washington DC, USA

Nawasreh Z, Adams G, Pryzbylowski O, Logerstedt D. Influence of Patient's Sex and Graft Types on Second ACL Injury in Ipsilateral vs Contralateral Knees: Systematic Review and Meta-Analysis. Oral presentation. 18th European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) Congress, 2018 (Abstract ESSKA18-701). Glasgow, UK. May 9-12/2018.

Nawasreh Z; Logerstedt D; Failla M; Snyder-Mackler L. No Difference Between Mechanical Perturbation Training with Complaint Surface and Manual Perturbation Training on Knee Functional Performance After ACL Rupture" Poster presentation. APTA-CSM Meeting, February 21-24, 2018; New Orleans, LA, USA

Nawasreh Z, Marmon A, Logerstedt D, Snyder-Mackler L. Does Pre-Surgical Treatment Affect Joint Loading and Motion Five years after ACL-Reconstruction. Poster presentation. Orthopaedic Research Society (ORS) 2015 Annual Meeting, March 28-31, 2015, Las Vegas, Nevada, USA

Nawasreh Z, Logerstedt D, White K, Snyder-Mackler L. Subjects Who Fail Return To Activity Criteria Six Months After ACL Reconstruction Continue To Demonstrate Deficits at Two Years. Oral presentation, APTA-CSM Meeting 2015, February 4-7, 2015, Indianapolis, Indiana, USA

Nawasreh Z, Logerstedt D, White K, Snyder-Mackler L. Knee functional performance and self-reported knee function at six months predicts return to preinjury activity level two years after anterior cruciate ligament reconstruction. Oral presentation. 16th European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) 2014, May 14-1, 2014. Amsterdam, the Netherlands

Nawasreh Z, White K, Logerstedt D, Snyder-Mackler L. Pre-operative Measures Predict the Time to Pass Return to Activity Criteria after ACL-Reconstruction. E-Poster, 16th, European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) 2014. Amsterdam, Netherlands; May 14-17/ 2014.

White K, **Nawasreh Z**, Logerstedt D, Snyder-Mackler L. Despite returning to pre-injury activities, failing return to activity criteria identifies limb-to-limb asymmetries one year after ACLR. E-Poster, 16th ESSKA European Society of Sports Traumatology, Knee Surgery & Arthroscopy (ESSKA) 2014, May 14-17/2014. Amsterdam, the Netherlands

Nawasreh Z, Logerstedt D, White K, Snyder-Mackler L. Do Athletes with ACL-Reconstruction Maintain Their Limb Symmetry 6 Months After Passing Return-to-Activity Criteria? Poster presentation, Orthopedic Research Society (ORS) annual meeting 2014. March 14-17, 2014, New Orleans, LA, USA.

Nawasreh Z, Logerstedt D, White K, Snyder-Mackler L. Knee Performance and Function at Six Months Predicts Return to Preinjury Activity Level One Year After Anterior Cruciate Ligament Reconstruction (ACLR). Finalist for Excellence in Research Award-Sports Section. Oral presentation. APTA-CSM Meeting 2014, February 3-4, 2014, Las Vegas, NV, USA. J Orthop Sports Phys Ther 44(1): A60-61, 2014.

Nawasreh Z, Logerstedt D, White K, Snyder-Mackler L. Knee Biomechanical Differences between Graft Types at Six Months after ACLR. Oral presentation. ACSM Annual Meeting 2013, May 29-31, 2013. Indianapolis, IN, USA.

ACADEMIC SUPERVISION

Abd AlRahman Abu Ali, Current master student, Co-advisor.

Abdulaziz Elhousseiny, Self-efficacy Relationship with Central Sensitization in Low Back Pain Phenotypes. Current Master student, Advisor.

Fadwa Edwan, Relationship of Sleep Quality with Waterpipe Smoking and Physical Activity, **Master student co-advisor, Graduated spring semester 16/5/2023.**

Anan Shdefat, Kinetic Energy Profile During Jumping-Landing: Two Years Post-Anterior Cruciate Ligament Reconstruction. **Master student advisor, Graduated Fall semester 25/1/ 2022.**

Sharaf Daradkeh, Is the Development of Radiographic signs of Knee Osteoarthritis mediated by Altered Knee Biomechanics after Anterior Cruciate Ligament Reconstruction? **Master student advisor, Graduated Fall semester 22/12/ 2021**

Mohamed Kassar, Is the Development of Radiographic signs of Knee Osteoarthritis Mediated by altered Knee and Hip Muscles Strength and Performance After Anterior Cruciate Ligament Reconstruction? **Master student advisor, Graduated Fall semester 22/12/ 2021.**

Ruba Ali Albatayneh, Work-related Musculoskeletal Disorders Among Jordanian Physiotherapists: Prevalence, Risk Factors, and Impact. **Master student co-advisor, Graduated Fall semester, 07/02/2021**

Banan Garbawi, The Effect of Quarantine Period on Patients with Knee Osteoarthritis During COVID-19 Pandemic in Jordan. **Master student co-advisor, Graduated spring semester, 31/08/2020**

Ahmad Darwish, Prevalence of Sport Injuries in Professional and intercollegiate Sports in Jordan. **Master student advisor, Graduated spring semester, 30/08/2020**

Wessam Dabas. Contextual Risk Factors and Post-injury outcomes of Professional and Intercollegiate Sports Injuries in Jordan. **Master student advisor, Graduated spring semester 16/06/ 2020.**

Rawa'a Al Momani, Return to pre-injury level of military duty after anterior cruciate ligament reconstruction in Jordan. **Master student advisor, Graduated fall semester 15/01/ 2020.**

Ahmad AL Dardour, The Effectiveness of Pulsed Electromagnetic and Progressive Resistance Exercise on Knee Osteoarthritis. **Master student co-advisor, Graduated spring semester, 31/7/2019**

CONTINUING EDUCATION/CONFERENCES (one day or more)

Delivered Presentations/Workshops

Lecture at Jarash Governmental Hospital, Dept. of Rehabilitation. "Shoulder Pain: Impingement and Rotator Cuff Tear. April, 8th 2019

WORKSHOPS AND TRAINING ATTENDED:

HEALING Training of Trainers Workshop " Developing a Multidisciplinary Diploma on Art Therapy in Health Education" ERASMUS PLUS programme HEALING Project number 610134-EPP-1-2019-1-JO-EPPKA2-CBHE-JP. July, 4th-7th, 2022, University of Brescia, Italy.

Quality of Online Courses- Applying the Quality Matters Rubric, 12-contact-hour training course. Academic Development and Quality Assurance Center, 17/12/2019 to 19/12/2019, Jordan University of Science & Technology

Online Web Design, 12-contact-hour training course. Academic Development and Quality Assurance Center, 13/12/2022 to 15/12/2022, Jordan University of Science & Technology

Online Learning Design, 12-contact-hour training course. Academic Development and Quality Assurance Center, 09/12/2019 to 12/12/2019, Jordan University of Science & Technology

ELearning Basics, 12-contact-hour training course. Academic Development and Quality Assurance Center, 17/09/2019 to 19/09/2019, Jordan University of Science & Technology

Proposal Writing for HORIZON 2020 EU Funding Opportunities (24 hours), 30th/10-1st/11/2016, Amman, Jordan

Clinical Instructors' Training of Trainers, Interdisciplinary Clinical Master Program in Rehabilitation Science, Erasmus+ Programme, Hacettepe University, Turkey, 7-11th Jan/2019

Mechanical Diagnosis and Therapy course, Part B, the cervical spine, Amman, Jordan, 3rd – 6th Dec/2009

Mechanical Diagnosis and Therapy course, Part A, The Lumber spine, Amman, Jordan, Nov 28th – Dec 1st/2009

Neurodynamic course, Tolido Hotel, Amman, Jordan, 26th -27th July/2008

SERVING COMMITTEES

Presenting in the international scientific-practice conference” Evidence-based Practice: From Health to Social Well-being. Topic of presentation is “Advance Technology Used to Improve Knee Functional and Limb-to-limb Movement After ACL Rupture”. May 19th, 2022, Utena University of applied Sciences, Utena, Lithuania.

Faculty representative at the University council, Jordan University of Science & Technology Sept, 2021 - current

Faculty representative at the University council, Jordan University of Science & Technology Sept, 2019 - May, 2020.

Member of graduate studies committee at the Dept. of Rehabilitation Sciences - Jordan University of Science & Technology

Member of graduate studies committee at applied medical Sciences faculty - Jordan University of Science & Technology.

Member of local community services committee at applied medical Sciences faculty - Jordan University of Science & Technology.

Member of library services committee at applied medical Sciences faculty - Jordan University of Science & Technology.

Member of accreditation for academic programs committee at applied medical Sciences faculty - Jordan University of Science & Technology

Member of scientific, Conferences, and Scientific days’ committee at applied medical Sciences faculty- Jordan University of Science & Technology

Member advertisement committee at applied medical Sciences faculty- Jordan University of Science & Technology.

Member of courses accreditation committee at applied medical Sciences faculty- Jordan University of Science & Technology

Member of quality assurance committee at applied medical Sciences faculty - Jordan University of Science & Technology.

ACADEMIC and ADMINISTRATIVE EXPERIENCE:

Curriculum Building for master program, project: interdisciplinary clinical master program in Rehabilitation Sciences (JUST-CRS), Jordan-2017, Thesis

Curriculum Building for master program, Master of Science of physical therapy, Jordan-2017, Thesis

Establishment of Motion analysis laboratory (Vicon camera system, Force plate, EMG, Visual3D)

Establishment of muscle performance laboratory (Biodex dynamometer)

COMMUNITY SERVICES:

Presented at the Webinar on “Recent Advances in Assessment and Rehabilitation Following ACL Injuries.” Topic of presentation is “Athletes Classification after ACL Rupture and Non-Operative Treatment” Nov, 20th, 2021, University of Sharjah, Sharjah, United Arab Emirates

Participating in the Faculty of Applied Medical Sciences free medical days. Feb 15th, 2019, Jarash, Jordan.

Participating in the 2nd Conference of Jordanian Universities in Rehabilitation Sciences, at applied medical Sciences faculty- Jordan University of Science & Technology. Nov 8th, 2016, Irbid, Jordan

AWARDS and HONORS

ACSM BIG Travel Award, American College of Sport Medicine 60th Annual Meeting, May 2013

Academic Scholarship for MS, Jordan University of Science and Technology, August 2010

Academic Scholarship for Ph.D., Jordan University of Science and Technology, February 2012

Dean’s List, Jordan University of Science and Technology (2004-2006)

PROFESSIONAL DEVELOPMENT

Journal of orthopedics and physical therapy, Editorial board member

Ad-hoc Manuscript Reviewer

The Physician and Sportsmedicine, 2019

Clinical Biomechanics (Certificate of Reviewing), 2019

Journal of Sports Sciences, 2015

Scandinavian Journal of Medicine & Science in Sports, 2014

Journal of Sport Rehabilitation, 2013

RESEARCH INTERESTS:

Clinical biomechanical testing in musculoskeletal orthopedics disorders

Developing musculoskeletal rehabilitation that improve patient’s outcome.

Sport injury prevention (testing and training program)

Understanding the mechanism that leads to the development of post-traumatic knee osteoarthritis

SKILLS

Bilingual (Arabic and English)

Computer and Internet

MS Office

Mendeley

SPSS Statistical analysis

Nexus Motion Analysis Acquisition

Electromyography (EMG)

Computer Programming Languages:

Visual3D

LabView

PROFESSIONAL WEBSITES/ACCOUNTS LINKS

Official Personal Webpage (at Jordan University of Science & Technology):

<http://www.just.edu.jo/eportfolio/Pages/Default.aspx?email=zhnawasreh>

LinkedIn:

<https://www.linkedin.com/in/zakariya-nawasreh-ba5331142/>

❖ **Google scholar:**

<https://scholar.google.com/citations?hl=en&user=VIJvQy0AAAAAJ>

❖ **Research gate:**

https://www.researchgate.net/profile/Zakariya_H_Nawasreh

❖ **ORCID:**

<https://orcid.org/0000-0002-4964-9850>

REFERENCES:

1. Mohammad Abdulla Yabroudi
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Faculty of Applied Medical Sciences
Jordan University of Science and Technology
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