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JUST-CRS
Clinical Rehabilitation Science

New Master Degree

in Clinical
Rehabilitation
Sciences



Closing Ceremony

EDITION 7

2020

APRIL

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Student defenses



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Students of the first cohort of CRS have continued to successfully defend their theses. These students are now at different stages of the publication process aiming to disseminate their findings and the outcomes of their work. A list of students' names and their project titles are listed below. Professors from other partner institutions have also participated in the defense committees.

Tamara Lababneh:

"The Effect Of Bilateral Anodal Transcranial Direct Current Stimulation On The Activity Of Oxidative Stress Serum Biomarkers In Patients With Parkinson's Disease." Supervisor: Dr. Hikmat Hadoush.



Safaa Nazzal

"Occupational Performance And Satisfaction In Daily Life Activities As Perceived By Individuals With Vestibular Disorders". Supervisor: Dr. Noor Ismael (members from consortium: Dr. Isabel Guimarães from ESSA, in Portugal and Dr. Saad Nasaan from Hashemite University).



Student defenses

Amani Ardah:

"Comparing Between Typically Developed Children And Children With Hearing/Speech Disorders In Sensory Processing". Supervisor: Prof. Fidaa Almomani.



Sanaa Shlool:

"Differences In Participation Patterns Between Children With Autism Spectrum Disorders And Children With Typical Development". Supervisor: Dr. Noor Ismael (members from consortium: Dr. Meral Huri from Hacettepe University in Turkey).



Eman Allataifeh:

"The Impact Of The Motor And Non-Motor Factor On Participation In ADL And Leisure In Patients With Multiple Sclerosis". Supervisor: Dr. Hanan Khalil (members from consortium: Dr. Ziad Hawamdehi from University of Jordan and Dr. Gonca Bumin from Hacettepe University in Turkey).



Rawan Almomani:

Self-perceived Occupational Performance and Satisfaction of Jordanian Stroke Survivors. Supervisor: Dr. Ala'a Jaber (members from consortium: Dr. Saad Nasaan from Hashemite University).



Ahlam Al-qudah:

The relationship of physical activity with ROM in rheumatoid arthritis patients. Supervisor: Dr. Mohammad Yabroudi and Prof. Mahmoud Al-Omari.



Educational and professional development

JUST-CRS organizes an educational and professional development program through Maharat Platform

JUST-CRS has conducted a series of webinars as part of its continuing education and professional development of occupational therapists and physical therapists in Jordan as well as the Arab world. This webinar program is cordially sponsored by JUST-CRS; a funded project by the Erasmus+ Program of the European Union entitled (Establishment of an interdisciplinary Clinical rehabilitation sciences master program at JUST JUST-CRS). The online webinars were conducted in collaboration with JUST Maharat Platform; a new free elearning platform for all, hosted by the Centre for E-Learning & Open Educational Resources, Jordan University of Science & Technology.

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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

Webinar # 9: **Sleep disturbances and fatigue: The role of neuro-rehabilitation specialists**
Tuesday April 14 2020 6-8 pm Amman (+3 GMT)

The focus of this workshop is to provide rehabilitation specialists with practical knowledge about the importance of assessing and addressing their patient's sleep and fatigue issues. This workshop covers a review of the literature on why sleep and fatigue are critical components of prevention, health promotion and rehabilitation among people with various neurological conditions.

Presenter: Dr. Alham Alshorman, PhD, PT
Assistant professor at the department of Rehabilitation Sciences at Jordan University of Science and Technology. Her research focuses on the understanding of how non-motor symptoms impacts physical and cognitive function, learning, and overall health in adults both with and without neurologic injury or disease (multiple sclerosis). The current research focuses on examining the use of interventions to improve motor learning in people with multiple sclerosis and understanding the factors that might influence motor learning.

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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

Webinar # 2: **Occupational Science**
Tuesday April 14 2020 9-11 am Amman (+3 GMT)

Occupational Science is the study of human participation/occupation; the meaning of human occupation (what people do) in order to understand the effect of what people do and their own health.

Presenter: Dr. Haifa Batarseh
Assistant Professor at the Department of Physical and Occupational Therapy at the Faculty of Applied Medical Sciences/The Hashemite University. She is the Vice Dean of the Deanship of Students Affairs. She earned a Doctor of Science in Occupational Therapy/Occupational Science from Towson University/USA in 2015.

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The program consisted of a number of online webinars presented by a number of Rehabilitation Sciences professors including Dr Khader Almhdawi, Dr Saddam Kanaan, Dr Hikmat Hadoush, Dr Ala'a Jaber, Dr Noor Ismael, Dr Alham Alsharman and Mrs Rawanda Hamdan from Jordan University of Science & Technology, Dr Mais Aldughmi from The University of Jordan, and Dr Haifa Batarseh and Dr Mohammad Madi from the Hashemite University. This training program was attended by almost a thousand attendees from Jordan, Arab Gulf, Palestine and other countries. The participants, mainly rehabilitation clinicians, expressed their gratitude for the initiative of organizing such fruitful webinars, especially during the COVID-19 pandemic while everybody is staying at home.

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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

Webinar # 4: **Advances in Pain Neuroscience & Pain Education**
Monday April 13 2020 4-6 pm Amman (+3 GMT)

We will examine the contemporary understanding of pain. How it is processed. What happens in the nervous system? How it becomes a persistent problem. And what we can do about it. During the seminar we will share some amazing pain stories that are expected to change the way you think about pain

Presenter: Dr. Mohammad Madi, PT

Dr. Madi is an Assistant Professor at the Department of Physical & Occupational Therapy at The Hashemite University. Earned a Master's degree in Manual Therapy from the University of Western Australia in Perth, and completed his PhD studies at the University of Birmingham, United Kingdom.

mmadi@hu.edu.jo

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Step 3: click on Webinar 4

Step 4: Join Webinar

Step 5: Complete Webinar Exit Quiz

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CRS Professional Training Program

JUST-CRS
Jordan University of Science & Technology

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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

Webinar # 5: **Outcome Measures in Neurorehabilitation**
Monday April 13 2020 6-8 pm Amman (+3 GMT)

This training course aims to introduce health professionals from different disciplines to the use of outcome measures in multidisciplinary neurorehabilitation of individuals with neurological conditions. Additionally, this course will include a thorough explanation of psychometric properties of assessment tools used in neurorehabilitation including validity, reliability, and responsiveness to change.

Presenter: Dr. Ala'a Jaber, PhD, OT

Assistant professor of occupational therapy at the Department of Rehabilitation Sciences in Jordan University of Science and Technology. His research interests include exploring factors associated with functional improvements following stroke and studying the impact of mild traumatic brain injuries on functional performance of affected individuals.

afjaber@just.edu.jo

To register:

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Step 2: Enroll in "JUST-CRS Professional Development Program Course"

Step 3: click on Webinar 5

Step 4: Join Webinar

Step 5: Complete Webinar Exit Quiz

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CRS Professional Training Program

JUST-CRS
Jordan University of Science & Technology

For more information visit
<http://crs.just.edu.jo/Pages/default.aspx>

Professor Ziad Albataineh, the Dean of Faculty of Applied Medical Sciences, commented that this program is a practical translation of the Faculty and University mission of delivering high-quality continuing education development provided to the students and professional in the fields of physical therapy and occupational therapy. Also, the Head of Rehabilitation Department, Dr Mazen Alghazo, acknowledged the efforts put into organizing this training program which is considered one of the initiatives to serve the community.



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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

Webinar # 8: **Gross Motor Function Measure: New Developed Versions & Software**
Tuesday April 14 2020 4-6 pm Amman (+3 GMT)

The GMFM has evolved over the years. The most common known versions of the GMFM are GMFM-88 to GMFM-66. However, they were time consume and their final scores calculations are complex. Therefore, a new version of the GMFM was developed and called GMFM-Itemset (GMFM-IS). Also discussing a new software developed; the Gross Motor Ability Estimator (GMAE-2).

Presenter: Dr. Hikmat Hadoush, PhD, PT
Associate professor in pediatric & Neurological rehabilitation at Jordan University of Science & Technology. His main research interests related to brain mapping, cortical plasticity, and non-invasive cortical stimulation associated with various pediatric and neurological diseases particularly in Parkinson's disease, Multiple sclerosis, Mood disorders, Cerebellum dysfunction, Regional body pain complex, Cerebral palsy, and Autism spectrum disorders, besides to the interest of examining and developing new non-invasive cortical stimulation applications and protocols for such diseases.


To register:
Step 1: Sign up for free @ Maharat Platform
<https://open.just.edu.jo/>
Step 2: Enroll in "JUST-CRS Professional Development Program Course"
Step 3: click on Webinar 8
Step 4: Join Webinar
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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

Webinar # 1: **Occupational Therapy Task-Oriented Rehabilitation Post-Stroke**
Sunday April 12 2020 8-10 pm Amman (+3 GMT)

This workshop will discuss theoretical and practical issues related to applying the occupational therapy task-oriented approach (OTTO) in stroke rehabilitation; mainly principles of evaluation and interventions using OTTO

Presenter: Dr. Khader AlMhdawi
Dr AlMhdawi is an associate professor in the Department of Rehabilitation Sciences at Jordan University of Science & Technology (JUST), Irbid-Jordan. Dr AlMhdawi earned his BSc from JUST, his MSc from Colorado State University, and PhD in Rehabilitation Sciences (stroke rehabilitation) from the University of Minnesota, USA in 2011.

To register:
Step 1: Sign up for free @ Maharat Platform
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Step 2: Enroll in "JUST-CRS Professional Development Program Course"
Step 3: click on Webinar 1
Step 4: Join Webinar
Step 5: Complete Webinar Exit Quiz
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Professors of JUST-CRS

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From his side, the director of JUST-CRS project, **Dr Mohammad Nazzal**, explains that this training program is part of many other activities aiming to expand and spread the knowledge to students and professionals. Besides, this project is a completion of the Train of Trainers program, which was held in the UK, Turkey and Portugal. He adds that this professional development program was supposed to be a regular face to face program. However, due to the current COVID-19 pandemic, and to continue providing the opportunity professional development the project administration decided to conduct this program entirely online, especially that JUST provides the required platforms as well as technological support. He continues that the program includes highly qualified academics from JUST, Hashemite University and the University of Jordan and that the program was widely appreciated and welcomed from physical and occupational therapists in Jordan as well as the Arabic countries.

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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

Webinar # 9: **Sleep disturbances and fatigue: The role of neuro-rehabilitation specialists**
Tuesday April 14 2020 6-8 pm Amman (+3 GMT)

The focus of this workshop is to provide rehabilitation specialists with practical knowledge about the importance of assessing and addressing their patient's sleep and fatigue issues. This workshop covers a review of the literature on why sleep and fatigue are critical components of prevention, health promotion and rehabilitation among people with various neurological conditions.

Presenter: Dr. Mais Aldughmi, PhD, PT
Assistant Professor in the Department of Physiotherapy, School of Rehabilitation Sciences at the University of Jordan. Her research focuses on the association between sleep and other outcomes such as fatigue and cognitive dysfunction, as well as on non-pharmacological interventions to improve sleep (exercise) in various population, particularly people with multiple sclerosis. Aldughmi presented about sleep and fatigue in various national and international meetings and conferences.

To register:
Step 1: Sign up for free @ Mahara Platform
<https://open.just.edu.jo/>
Step 2: Enroll in "JUST-CRS Professional Development Program Course"
Step 3: click on Webinar 8
Step 4: Join Webinar
Step 5: Complete Webinar Exit Quiz
Step 6: Receive certificate by Email

CRS Professional Training Program

For more information visit
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The Director of the Center of E-Learning and Open Educational Resources, Dr. Mohammad Al-Smadi, also stated that “Maharat Platform” is a platform for Massive Open Online Courses (MOOCs) that was launched early this year. This platform is a part of JUST mission to disseminate the utilization of open educational resources and continuing education in the Jordanian society. Dr. Al-Smadi has reiterated that Maharat at JUST is the first university platform among all Jordanian universities, and it is a free open educational platform that is being offered free of charge, as a community service contribution from JUST to our society.



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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

in collaboration with JUST Maharat Platform

Centre for E-Learning & Open Educational Resources
Jordan University of Science & Technology

Webinar # 6: Neck Pain Assessment and Treatment: Evidence-Based Approach
Monday April 13 2020 8-10 pm Amman (+3 GMT)

The main aim of this presentation is to guide physiotherapists to use evidence-based guidelines in the management of neck pain

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Step 4: Join Webinar

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Presenter: Dr. Saddam Kanaan, PhD, PT

Dr. Kanaan is an assistant professor at Jordan university of Science and Technology, Irbid, Jordan. He holds a PhD degree in Rehabilitation Science and post-graduate diploma in health professions education from the University of Kansas Medical Center (Kansas/ the USA). He has a clinical background in musculoskeletal physical therapy practice with main focus on manual therapy and exercise prescription.

sfkanaan@just.edu.jo

CRS Professional Training Program

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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

Webinar # 7:
Theory and Application of Sensory Processing in Children with ASD
Tuesday April 14 2020 2-4 pm Amman (+3 GMT)

It aims to introduce care-providers (occupational therapists, physical therapists, and speech language pathologists) to the use of the sensory processing framework in serving children with ASD. In specific, this course will explain Dunn's Sensory Processing Framework and elaborate on how to characterize and evaluate children's sensory processing based on this framework.

Presenter: Dr. Noor Ismael, PhD, OT

Assistant professor of occupational therapy at the department of rehabilitation sciences in Jordan University of Science and Technology. Her research interests include exploring sensory processing factors that affect children's participation in everyday life activities, and how to design interventions that match children's sensory processing needs.



ntismael@just.edu.jo

To register:
Step 1: Sign up for free @ Maharat Platform
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Step 2: Enroll in "JUST-CRS Professional Development Program Course"
Step 3: click on Webinar 7
Step 4: Join Webinar
Step 5: Complete Webinar Exit Quiz
Step 6: Receive certificate by Email

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JUST-CRS
Clinical Rehabilitation Sciences

Online Rehabilitation Sciences' Webinars

Webinar # 3:
Brachial Plexus Injury: A Multidisciplinary View
Monday April 13 2020 2-4 pm Amman (+3 GMT)

This webinar will discuss BPI mechanism of injury, evidence-based assessment, as well as evidence-based multidisciplinary rehabilitation of the injury.

Presenter: Mrs. Rawanda Hamdan, PT

Teacher assistant at Jordan University of Science and Technology, Faculty of Applied Medical Sciences, Department of Rehabilitation Sciences, Physical Therapy Program..



rshamdan@just.edu.jo

To register:
Step 1: Sign up for free @ Maharat Platform
<https://open.just.edu.jo/>
Step 2: Enroll in "JUST-CRS Professional Development Program Course"
Step 3: click on Webinar 3
Step 4: Join Webinar
Step 5: Complete Webinar Exit Quiz
Step 6: Receive certificate by Email

CRS Professional Training Program

For more information visit
<http://crs.just.edu.jo/Pages/default.aspx>



JUST-CRS Produces a number of Rehabilitation Sciences' MOOC Courses

The JUST-CRS has created 13 Massive Open Online Courses (MOOC) as part of its electronic archiving of the CRS courses, but also as part of its continuing education and professional development of occupational therapists and physical therapists in Jordan as well as the Arab world. These MOOC courses are cordially sponsored by JUST-CRS; a funded project by the Erasmus+ Program of the European Union entitled (Establishment of an interdisciplinary Clinical rehabilitation sciences master program at JUST JUST-CRS). It is expected that these MOOC courses will be posted on "JUST Maharat Platform"; a new free elearning platform for all, affiliated with the Centre for E-Learning & Open Educational Resources, Jordan University of Science & Technology. The courses were completed and processed by PEAK MENA AudioVisual Company based in Amman, Jordan. Trailers are available on the CRS website at CRS.JUST.EDU.JO.

The topics are related to a variety of topics in rehabilitation sciences, ranging from specialised topics such as Sensory processing, task oriented approach, evidence based clinical skills such as cervical and lumbar spine rehabilitation, to more general topics about pain and sleep as well as research methodologies and research ethics.

From his side, the director of JUST-CRS project, Dr Mohammad Nazzal, explains that "this training program is part of many other activities aiming to expand and spread the knowledge to students and professionals. Besides, this project should serve as taster courses for what to expect in our JUST-CRS master program. Our ultimate goal is to improve the quality of interdisciplinary clinical rehabilitation Services and to build the capacity of the Rehabilitation higher education and also the practicing therapists".

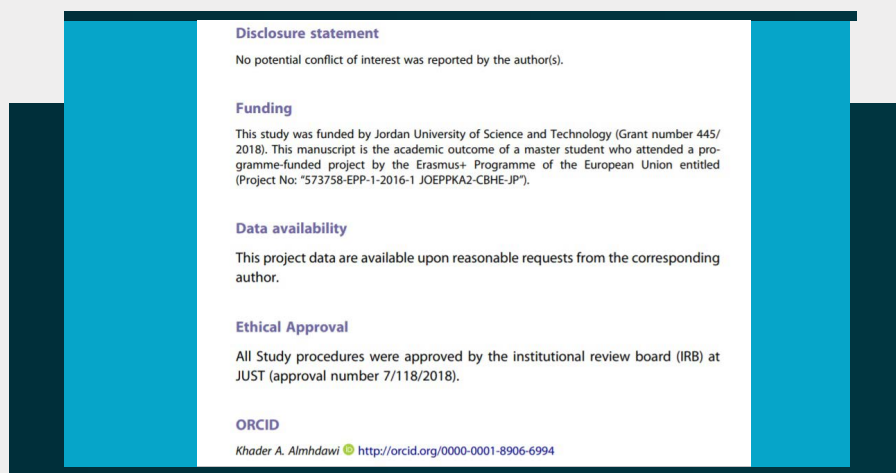
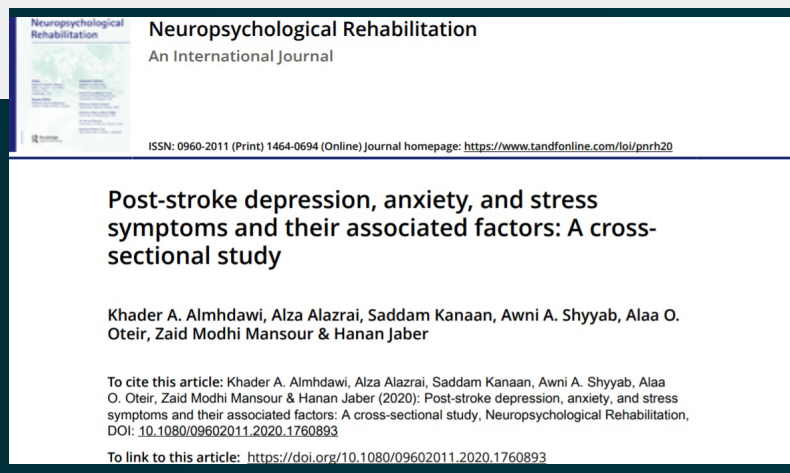
Publications

JUST-CRS Graduates are publishing their Work in Scientific Journals

Graduates of the [first cohort of CRS](#) have started to publish their outstanding work in a number of international scientific journals. Publishing in a scientific Journal for the CRS students culminates two years of hard work of graduate courses, learning and research. At CRS, we are very proud that our graduates are conquering all graduate competencies of the CRS program. All thanks to the supervising professors and members of the defense committees for their hard work, guidance and dedication.

[To find out more](#) about the students' scientific publications, visit the research section of the project website CRS.JUST.EDU.JO

Publications



Publications

Original Article

CLINICAL REHABILITATION

Efficacy of an innovative smartphone application for office workers with chronic non-specific low back pain: a pilot randomized controlled trial

Clinical Rehabilitation
1–10
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DOI: 10.1177/0269215520937757
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Khader A Almhdawi¹, Donia Saleh Obeidat¹,
Saddam F Kanaan¹, Alaa O Oteir²,
Zaid Modhi Mansour³ and Hassan Alrabbaei¹

Declaration of conflicting interests

The author(s) declared no potential conflicts of interest with respect to the research, authorship and/or publication of this article.



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Clinical trial registration

This trial is registered at the US National Institutes of Health (ClinicalTrials.gov) #NCT03994458.

ORCID iDs

Khader A Almhdawi  <https://orcid.org/0000-0001-8906-6994>
Saddam F Kanaan  <https://orcid.org/0000-0003-1062-7893>

Predictors and prevalence of lower quadrant work-related musculoskeletal disorders among hospital-based nurses: A cross-sectional study

Cite

Article type: Research Article

Authors: Almhdawi, Khader A.^{a,*} | Alrabbaie, Hassan^b | Kanaan, Saddam F.^c | Oteir, Alaa O.^d | Jaber, Alaa F.^a | Ismael, Noor T.^a | Obaidat, Donia S.^b

Affiliations: [a] Department of Rehabilitation Sciences-Occupational Therapy, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, Jordan | [b] Department of Rehabilitation Sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, Jordan | [c] Department of Rehabilitation Sciences-Physical Therapy, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, Jordan | [d] Department of Allied Medical Sciences-Paramedics, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, Jordan

Correspondence: [*] Corresponding author: Khader A. Almhdawi, Department of Rehabilitation Sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, PO Box 3030, Irbid, 22110 Jordan. Tel: +962 77201000 26939; Fax: +962 77201087; E-mail: Khader@just.edu.jo

Publications

NeuroRehabilitation 47 (2020) 153–160
DOI:10.3233/NRE-203131
IOS Press

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The clinical correlates of participation levels in people with multiple sclerosis

Eman Allataifeh^a, Hanan Khalil^{a,*}, Khader Almhdawi^a, Alham Al-Shorman^a, Ziad Hawamdeh^b, Khalid El-Salem^c and Gonca Bumin^d

^aDepartment of Rehabilitation Sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, Irbid, Jordan

^bFaculty of Medicine, The University of Jordan, Amman, Jordan

^cDepartment of Neurosciences, Faculty of Medicine, Jordan University of Science and Technology, Irbid, Jordan

^dSchool of Rehabilitation, Hacettepe University, Ankara, Turkey

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Acknowledgments

The authors would like to acknowledge all the participants of the study. The authors also gratefully acknowledge the funding support from Jordan University of Science and Technology (Grant no. HK-20190022) and the Clinical Rehabilitation Sciences Master Program (CRS) funded project by the Erasmus + Programme of the European Union (Project no. 573758-EPP-1-2016-1-JO-EPPKA2-CBHE-JP).

Conflict of interest

The authors report no conflicts of interest.

AJOT
The American Journal of Occupational Therapy



< ISSUE >

Updated: September 09, 2020

Return to Work (RTW) Among Individuals Poststroke in Jordan: Prevalence and Predictors

Mohammad Nazzal, PhD, OTR/L; Huda Yousef, MS; Hanan Khalil, PhD, PT; Khalid El-Salem, MD; Ziad Hawamdeh, MD; Patrícia Almeida, PhD

+ Author Affiliations & Notes

American Journal of Occupational Therapy, August 2020, Vol. 74, 7411505099. <https://doi.org/10.5014/ajot.2020.74S1-PO1901>

Publications

Dear Dr. Khalil:


Greetings from Boston and congratulations. Your manuscript, *Prevalence and Predictors of Return to Work among Stroke Survivors in Jordan*, authored by Huda A. Yousef, Hanan Khalil, Mohammad Nazzal, Khalid El-Salem, Ziad M. Hawamdeh, Patricia Almeida has been officially accepted for publication in *WORK: A Journal of Prevention, Assessment & Rehabilitation*.

Your manuscript will be published in issue 67(4), which is scheduled for December 2020. You will receive a proof from the publisher, iOS Press, some time in November or early December. Please add corr.ios@thomsondigital.com to your contacts to ensure that the proof does not go to a spam folder.


Thank you again for submitting your manuscript to WORK. We think it will be a valuable contribution to our journal.

Stay safe & healthy.

Sincerely,



Karen Jacobs, EdD, OTR/L, CPE, FAOTA
Editor, WORK



Poster Session
Issue Date: August 2020
Published Online: August 01, 2020
Updated: September 09, 2020

Factors Associated With Functional Recovery After Distal Radius Fractures (DRF)

Mohammad Nazzal, PhD, OTR/L; Sabreen Obeid, MS; Cigdem Oksuz, PhD; Maria Rosado, PhD, PT; Ziad Hawamdeh, MD

[+ Author Affiliations & Notes](#)

American Journal of Occupational Therapy, August 2020, Vol. 74, 7411505110. <https://doi.org/10.5014/ajot.2020.74S1-PO2315>

Melatonin and dopamine serum level associations with motor, cognitive, and sleep dysfunctions in patients with Parkinson's disease: A cross-sectional research study

Cite

Article type: Research Article

Authors: Hadoush, Hikmat^{a,*} | Lababneh, Tamara^a | Banihani, Saleem A.^b | Al-Jarrah, Muhammed^{a,c} | Jamous, Mohammed^d

Affiliations: [a] Department of Rehabilitation Sciences, Faculty of Applied Medical Sciences at Jordan University of Science and Technology, Irbid, Jordan | [b] Department of Medical Laboratory Sciences, Faculty of Applied Medical Sciences at Jordan University of Science and Technology, Irbid, Jordan | [c] Department of Physiotherapy, Fatima College of Health Sciences, Abu Dhabi, UAE | [d] Department of Neurosurgery, Faculty of Medicine, Jordan University of Science and Technology, Irbid, Jordan

Correspondence: [*] Address for correspondence: Hikmat Hadoush RPT, PhD, Department of Rehabilitation Sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology, P.O. Box 3030, Irbid 22110, Jordan. Tel.: +962 (0) 2 7201000. Ext: 26882; Fax: +962 (0) 2 7095123; E-mail: hmadoush@just.edu.jo.

Presentations

More than JUST Education: Cultural Diversity and Expertise; One Goal

ENPHE Conference - Reykjavik 2017

Dr. Patricia Almeida and Prof. Antonio Lopes from the department of physical therapy at Alcoitao School of Health (ESSA) has participated in the European meeting European network of physical higher education (ENPHE)-www.enphe.org, which is an international organization in the context of higher education for physiotherapy, to which it belongs Since 2001. This organisation is focused on creating international partner networks and developing common educational programmes. The meeting took place in Reykjavik from 22 to 23 September 2017.

The professors presented a poster on the JUST-CRS project entitled “More than JUST Education – cultural diversity and expertise; one goal”. The poster was well received and attracted a large audience interested in such international projects and collaboration. The poster was co-authored by international partners of the project.



Presentations

Prof. Nazzal and Prof. Martins present on CRS at ENOTHE 24th Meeting in Lisbon

Prof. Nazzal and Prof. Martins presented a lecture entitled “JUST-CRS Interdisciplinary Master Degree Program: Process, challenges and insights for future international collaborations” at 24th Conference of the European Network of Occupational Therapy in Higher Education (ENOTHE) that was held in Lisbon, Portugal.

The meeting that was hosted by Escola Superior de Saúde do Alcoitão (ESSA), Alcoitão, Portugal between 4-6 October 2018 attracted mostly occupational therapy educators and students from all over Europe. New collaborations were discussed on the basis of the CRS existing project. Funding for participating in this European conference was cordially provided by JUST.



Presentations

Mrs. Al-Boriny, a CRS graduate, participated in an international rehabilitation conference organized by The Hashemite University, Zarqa, Jordan

One of our CRS graduates from the first cohort, [Huda Al-Boriny](#), had participated in the First the International Scientific Conference on Special Education “Accessibility to Knowledge Content for Persons with Disabilities organized by Queen Rania Faculty for Childhood at The Hashemite University in Zarqa, Jordan. It was hold on 13-14 November, 2019.

[Huda has](#) participated in the event with a scientific paper entitled “Community Based Rehabilitation (CBR) Project: Rural Rehabilitation Project (RRP) among Era & Yarqa villages”. This paper was coauthored by other CRS graduates; Ismael Faloogy, Nedal Ranteesi, Sabreen Obaid, and Amani Aardah.

JUST- CRS is an EU [Erasmus +](#) funded project that created the first master program in interdisciplinary clinical rehabilitation sciences in Jordan and the Arab World. JUST-CRS Master Program is offered at the Department of Rehabilitation Sciences at the Faculty of Applied Medical Sciences at Jordan University of Science & Technology.

[Congratulations Huda and the group of CRS graduates for this amazing professional milestone](#)



Presentations

CRS graduates present their scholarly work in an international rehabilitation conference organized by Isra University, Amman, Jordan

A group of CRS graduates from the first cohort have participated in The First International Physical Therapy Conference in Al-Isra University “Mobility for Health” organized by the College of Allied Medical Sciences at Isra University in Amman, Jordan. It was held on 23-24 October, 2019.

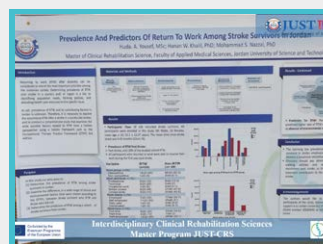
Huda Al-Bourini has participated in the event with a scientific paper entitled “Prevalence and Predictors of Return to Work among Stroke Survivors in Jordan”.



Ismail Falojy has participated in the event with a scientific paper entitled “The impact of subjective and objective sleep quality measures and related biomarkers on motor skills acquisition in people with Parkinson disease”.



Eman Allataifeh has participated in the event with a scientific paper entitled “The impact of the motor and non-motor factors on the participation in instrumental activity of the daily living and leisure activity in people with Multiple Sclerosis”.



These alumni are graduates of JUST-CRS. JUST- CRS is an EU Erasmus + funded project that created the first master program in interdisciplinary clinical rehabilitation sciences in Jordan and the Arab World. JUST-CRS Master Program is offered at the Department of Rehabilitation Sciences at the Faculty of Applied Medical Sciences at Jordan University of Science & Technology.

Congratulations our CRS graduates for this amazing professional milestone.

Presentations

Ms. Hourani, a CRS student, participated in an International Mental Health Conference

Ms. Dalia Hourani, one of our first cohort CRS graduates, had participated in the 5th International Conference on Mental Health and Rehabilitation” that was held at Geneva Hotel, Amman, Jordan, on December 14, 2019.

Dalia has presented the literature Review of her thesis entitled “Participation among Individuals with Schizophrenia in Jordan”. This thesis research is supervised by Dr. Mohammad Nazzal, Department of Rehabilitation Sciences, Faculty of Applied Medical Sciences at Jordan University of Science & Technology.

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Congratulations Dalia for this milestone achievement.



Presentations

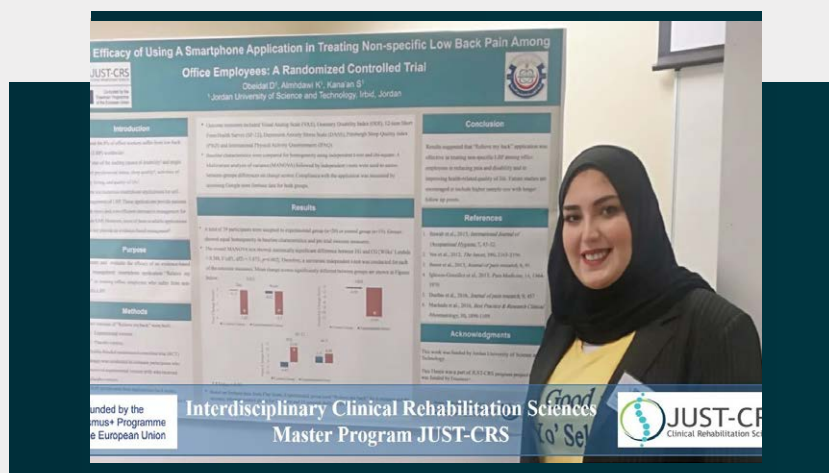
Ms. Obeidat, a CRS graduate, participated in an international rehabilitation conference in Greece

Ms Donia Obeidat one of our first cohort CRS graduates, Participated in the 1st International Rehabilitation Conference organized by the School of Health Sciences in the Metropolitan College in Athens, Greece. Held 7-9 February 2020.

Donia has participated in the event with her thesis research entitled "The Efficacy And Compliance Of Using Non-Specific Low Back Pain Smartphone Application Among Office Employees: A Randomized Controlled Trial". This thesis research was conducted under the supervision of Dr. Khader Al-Mahdawi.

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Congratulations Donia for this professional milestone.



Presentations

Ms. Lababneh, a CRS graduate, participated in an International Brain Research Conference

Ms. Tamara Lababneh, one of our first cohort CRS graduates, had participated in the International Brain Research Organization (IBRO) - MENA Conference that was held at the American University of Beirut (AUB), Lebanon, 4-8 of October 2019.

Tamara has presented the findings of her thesis entitled "The Effect Of Bilateral Anodal Transcranial Direct Current Stimulation On The Activity Of Oxidative Stress Serum Biomarkers In Patients With Parkinson's Disease". This thesis research was supervised by Dr. Hikmat Hadoush, Department of Rehabilitation Sciences, Faculty of Applied Medical Sciences at Jordan University of Science & Technology.

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Congratulations Tamara for this milestone achievement.



Accomplishments

Ismail Alhaj Ismaiel, Full Time Lecturer at Isra University

[Isamel Alhaj](#), one of our CRS first cohort graduates who recently graduated with a master degree in clinical rehabilitation sciences, has become a full time instructor at the Physiotherapy Department at Isra University.

[Congratulations Ismael for this amazing accomplishment](#)



Testimonials

Commentary from ESSA

In the context of [the interdisciplinary Clinical Rehabilitation Sciences'](#) Master hosted at the Department of Rehabilitation Sciences in the Applied Medical Sciences Faculty of Jordan University of Science & Technology in Jordan, several teachers from Escola Superior De Saúde Do Alcoitão (ESSA) in Portugal had the chance of collaborate in face-to-face and online pedagogical activities.

One of the project members, [Prof António Alves Lopes](#) stated: "I consider that my participation as teacher in the course Advanced models of practice was very interesting, because it provide a chance to interact with students and discuss in an very practical way topics that could facilitate the development of interdisciplinary competencies".

[Prof. Silvia Martins](#) stated "Thank you for the opportunity for sharing and learning all together. It was wonderful to see the eagerness of the students of JUST (CRS master and OT bachelor) to change social injustice and work to promote the health and well being of vulnerable groups in Jordan. I am sure you will be promoting a lot of change, innovation and equal opportunities for All.

A special Thanks to these two friends and colleagues, [Dr Mohammad Nazzal](#), the leader of the project, a great man who had the vision for starting it all and to Dr Hanan Khalil, a wonderful woman doing a great job in the leading of the project. So happy and grateful for being in this project".



Prof. Maria da Lapa Rosado stated that the experience was very interesting and challenging. She had the opportunity to interact with students in a different culture, discuss with them the addressed contents in a practical way. She was very pleased to contribute to students development in musculoskeletal area skills in physiotherapy.

Commentary from Turkey

Prof. Ayse Karaduman and Prof. Semin Akel from Hacettepe University commented on the overall CRS experience:

“Giving lectures in a different country, meeting new students, and exploring a new culture can be extremely exciting. This excitement turned to a gorgeous experience with the students open to learning and JUST University staff embracing us. The project aiming to establish an “interdisciplinary clinical rehabilitation sciences master program” made this magnificent experience real. We therefore visited JUST university as a lecturer and academican and had a chance to give lectures on ICF (International Classification of Functioning, Disability and Health), CBR (community based rehabilitation) and ethics.

Additionally, there are some memories that we want to mention. First, we gained a lot for our lecturing abilities. The feedback and different opinions of students added a lot to our point of view. Second, we also met with some patients. This taught us language is not a problem, the important thing is sharing experience, knowledge in an understanding way. Besides our professional journey, we enjoyed Jordan a lot. We think you can give more when you understand the culture. Beautiful geography of Jordan, and the food captivated us.

To conclude, being in JUST University as a lecturer, being in Jordan as a visitor will always be an unforgettable memory for our both academic and personal life. Thanks a lot to Mohammad Nazzal and Hanan Khalil, and JUST-CRS team. They are the ones who make this happen in a most beautiful way.



Commentary from Huda Albouriny

Dear All,

First and foremost, I thank Allah for giving me the ability to get my master's degree in Clinical Rehabilitation Sciences (CRS). I would also like to express my sincere gratitude and thanks to my great supervisors; Dr. Hanan Khalil and Dr Mohammad Nazzal who were endless sources of support, guidance and inspiration throughout the research process and during my time in the program.

Dr Nazzal, once said to me “do not worry, you are in safe hands”, it turns out that this journey was one of the richest experiences I have ever had.

I would like to acknowledge the Erasmus+ program for supporting the development of this unique Master's program in the Middle East and for providing me with the opportunity to be a student in this program. I also sincerely appreciate Jordan University of Science and Technology for their funding support which allowed me to complete the thesis.

Last but not least, I thank my family, friends and fellow CRS classmates for their support and encouragement throughout this journey that has never been easy.

Best Wishes to All

Huda



Commentary from Ismail Alhaj Ismaiel

I always have been passionate [about rehabilitation for children](#). Therefore, I always seek any opportunity to improve my knowledge and skills to deal with the pediatric population and provide evidence-based practise for my patients.

Joining [the JUST-CRS](#) offered a huge opportunity for me to fill the gap between academia and clinical practice. It allowed me to attend a two-months internship of children rehabilitation in Lisbon, Portugal. Also, [JUST-CRS](#) provided a wealthy academic and research environment, which helped us gain many research skills, training us to become independent researchers. I aim to integrate what I have learnt, especially the use of Virtual Reality, in the rehabilitation settings to help improve functional abilities and motor learning among children with Cerebral Palsy. Finally, I would like to thank JUST-CRS and JUST for providing us with this unique learning opportunity.



Contact Us

JUST-CRS Project

Faculty of Applied Medical Sciences (AMS)
Jordan University of Science and Technology (JUST)

P.O.Box 3030, Irbid, 22110, Jordan

Phone: +962-2-7201000 Ext: 23774

Fax: +962-2-7201087

Email: justcrs@just.edu.jo

Website: <http://crs.just.edu.jo/>



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