

Curriculum Vitae

Rawan AlHeresh, Ph.D., MSc, OTR/L
Associate Professor

Business Address: Department of Occupational Therapy
School of Health and Rehabilitation Sciences
MGH Institute of Health Professions
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Academic Training

- July 2011 – Sep 2015 **Ph.D., Rehabilitation Sciences**
Boston University
School of Health and Rehabilitation Sciences: Sargent College
Boston, Massachusetts, United States
Thesis: A critical look at the measurement of work outcomes for people with Arthritis
Advisor: Dr. Julie Keysor, PT, PhD
- Sep 2006 – Sep 2008 **MSc, Occupational Therapy**
Brunel University
College of Health and Life Sciences
London, United Kingdom
Thesis: The role of occupational therapy in Jordanian rehabilitation hospitals
Advisor: Dr. Christos Nikopoulos, BCBA-D, MBPsS, CSci, FHEA
- Sep 2002– May 2006 **BSc, Occupational Therapy**
The University of Jordan
Faculty of Rehabilitation Sciences
Amman, Jordan

Postdoctoral Training

- Nov 2019– May 2020 **Graduate Certificate- Global Mental Health**
Harvard University
Harvard Medical School
Cambridge, Massachusetts, United States
Orvieto, Italy
- Oct 2015 – Jan 2017 **Postdoctoral Associate**
Boston University
School of Public Health, Health, and Disability Research Institute
Boston, Massachusetts, United States
Advisor: Dr. Alan Jette, PT, Ph.D., MPH, FAPTA
- Oct 2015– Jan 2017 **Visiting Scientist**
Tufts University
Graduate School of Arts and Sciences, Department of Occupational Therapy
Boston, Massachusetts, United States

Academic Appointments

- May 2020-
Present **Associate Professor of Occupational Therapy**
MGH Institute of Health Professions
School of Health and Rehabilitation Sciences
Boston, Massachusetts, United States
- Jan 2017-
May 2020 **Assistant Professor of Occupational Therapy**
MGH Institute of Health Professions
School of Health and Rehabilitation Sciences
Boston, Massachusetts, United States
- Jul 2011 –
Sep 2015 **Predoctoral Fellow**
Boston University
College of Health and Rehabilitation Sciences: Sargent College
Center for ENhancing ACTivity and Participation among people with Arthritis (ENACT)
Boston, Massachusetts, United States
- Sep 2007 –
Jun 2011 **Lecturer of Occupational Therapy**
University of Jordan
Faculty of Rehabilitation Sciences
Amman, Jordan

Community/Service Project Development

Founder and Director, **Toward an All-Inclusive Jordan** (June 2018- present)

This [academic-community partnership program](#) aims to expand global rehabilitation education and service models in low and middle-income countries. Project objectives include examining rehabilitation service delivery through application and research while advocating for the rights of people with disabilities and their families in Jordan as an example, focusing on refugee camps.

The project creates training opportunities offering graduate students in rehabilitation programs (OT, PT, SLP), including fieldwork placements, masters and doctoral capstones, and community-based rehabilitation course work.

Main objectives:

- Application of Community-Based Rehabilitation (CBR) as a model of service delivery and community development for people with disabilities in low and middle-income countries with application in United Nations-affiliated refugee camps in Jordan, while providing teaching and learning experiences to students enrolled in graduate health professions programs (occupational therapy, physical therapy, speech, and language pathology).
- Develop graduate student research-focused capstone/graduation projects and use findings to inform rehabilitation service delivery in Jordan and other low and middle-income countries.
- Advocate through social media to raise awareness about the rights of people with disabilities to reduce the negative stigma associated with disability.

Specialty Certification

- National Board of Certification in Occupational Therapy #379544. Feb 2017- Mar 2023
- Harvard Program for Refugee Trauma, Global Mental Health. Harvard Medical School. Nov 2019-May 2020

Professional Licensure

Massachusetts State Occupational Therapy License #12354, June 2017- present

Memberships in Professional Societies

- | | |
|---|---------------|
| - Coalition of Occupational Therapy Advocates for Diversity (COTAD) | 2021- present |
| - Scientists for Palestine | 2021- present |
| - Arab Occupational Therapy Regional Group Scholars | 2020- present |
| - American Occupational Therapy Association | 2017- present |
| - World Federation of Occupational Therapy | 2006- present |
| - Gerontological Society of America | 2016- 2018 |
| - American College of Rheumatology and Association of Rheumatology Health Professionals | 2011- 2018 |
| - Jordanian Occupational Therapy Association | 2006- present |

Awards and Nominations

- New Investigator Award, 2021. Institute Award- MGH Institute of Health Professions.
- Faculty Award for Excellence, 2021. Occupational Therapy Department, MGH Institute of Health Professions.
- International Service Award 2020, American Occupational Therapy Association. (Nominated)
- Outstanding Initiative 2019, Princess Haya Award for Special Education: For Toward an All-Inclusive Jordan project. Dubai, United Arab Emirates. (Nominated)
- Emerging scholar, 2019, Diverse: Issues in Higher Education. The United States. (Nominated)
- Brunel University Ambassador Scholarship Award (2007-2008), School of Health Sciences, Brunel University, West London, United Kingdom.

Fellowships and Grant Support

Under Review

1. Grant Title: Toward an All-Inclusive Jordan: Promoting Rehabilitation at Home for children with disabilities.
Grant Agency: U.S. Department of State
Grant number: PAS-JOR-FY22-001
Amount: \$202,081.46
Role: Principal Investigator
2. Grant Title: Development of a culturally sensitive assessment of function and disability for children.
Grant Agency: National Institute on Minority Health and Health disparities. Small Business Technology Transfer (STTR) Grant - Phase I
Grant number: RFA-MD-21-005
Amount: \$256,454.00
Role: Principal Investigator

Present Support

1. Fellowship Title: Thomas S. Durant Fellowship of Refugee Medicine.
06/1/2019- 06/1/2022
Fellowship Agency: Massachusetts General Hospital- Department of Global Health
Amount: 25% Annual salary support (2019, 2021), Total support: \$90,464.00
Role: Principal Investigator

This fellowship is awarded to one distinguished physician or healthcare professional for their contribution to refugee medicine. It fosters the fellow's sense of commitment to populations in distress and provides education to aid in preventing and treating disease in refugee populations. I was awarded this fellowship for my work with Palestinian Refugees in Jordan.

Completed support

1. Grant Title: Development of a Functional Assessment for Children and Youth who are hospitalized.
05/1/2019-04/1/2021
Grant Agency: National Institute of Child Health & Human Development. Small Business Technology Transfer Grant
Grant number: 1R41HD097844-01A1
Amount: 18% Annual salary support, Total support: \$224,797.00
Role: Co-Investigator
2. Grant Title: Work function assessment: A pathway to minimizing work disability
07/1/2018-07/1/2020
Grant Agency: MGH Institute Faculty Research Fellowship
Amount: 10% Annual salary support, Total support: \$19,500.00
Role: Principal Investigator
3. 09/1/2015-12/31/2016
Grant Title: Advanced Rehabilitation Research Training Fellowship.
Grant Agency: National Institute on Disability, Independent Living, and Rehabilitation Research
Grant number: H133P120001
Role: Postdoctoral fellow
4. 07/01/2011-09/1/2015
Grant Title: Center for enhancing activity and participation among people with Arthritis
Grant Agency: National Institute on Disability, Independent Living, and Rehabilitation Research
Grant number: 90RT5009-01.
Role: Predoctoral Research fellow

Journal Editorials

- Guest academic editor for PLOS One (2018- present)

Journal Refereeing

- Disability and Rehabilitation (2008 to present)
- BMC: Trials (2012 to present)

- Osteoarthritis and Cartilage (2014 to present)
- Canadian Journal of Occupational Therapy (2014 to present)
- Journal of Occupational and Environmental Medicine (2017 to present)
- Arthritis Care and Research (2017 to present)
- Journal of Occupational Medicine and Toxicology (2017 to present)
- Archives of Physical Medicine and Rehabilitation (2017 to present)
- Value in Health (2017 to present)
- Journal of Aging and Health (2017 to present)
- PLOS ONE (2017 to present)
- Quality of Life Research (2019 to present)
- ACR: Open Rheumatology (2019 to present)
- BMJ: Open access (2019 to present)
- Work: A Journal of Prevention, Assessment, and Rehabilitation (2021 to present)
- Medical Teacher (2021 to present)
- International Journal of Environmental Research and Public Health (2022 to present)

Conference Refereeing

- The Consortium of Universities for Global Health Annual Conference. 2018 to present
- American Occupational Therapy Association Annual Conference. 2018 to present
- American College of Rheumatology and Association of Rheumatology Health Professionals Annual Conference, San Francisco, CA, USA, 2015.

Grant Refereeing

- MGH Institute of Health Professions Covid-19 Small Grant reviewer. 2020
- Quality Improvement Fund- Education to Work Transition: Funded by the **World Bank** to the Ministry of Education and Higher Education in the Palestinian Authority in 2017.
- MGH Institute of Health Professions Faculty Development Award reviewer. 2017 to present.

Peer-Reviewed Journal Publications

Fabianek, A., Rosu, C., Mageary, J., Al-Rousan, T., Engelbreksson, S., Li, J., **AlHeresh, R.** First Generation Palestinian Refugees in Jordan: Experiences of Occupational Disruption from an Occupational Justice Perspective. *American Journal of Occupational Therapy*. Accepted.

Al-Rousan, T., Kamalyan, L., Bernstein Sideman, A., Miller, B., **AlHeresh, R.**, Siddiq, H., Moore, A., Marquine, M., Argeros, G., Ajrouch, K. Migration and Cognitive Health Disparities: The Arab American Case. *Journal of Gerontology: Social Sciences*. In press.

AlHeresh, R. T. Al-Rousan, T., Saadi, A., El-Sabrou, H., Young, M.*, Benmarhnia, T., Han, B.H., Alshawabkeh, L. Epidemiology of cardiovascular disease and its risk factors among refugees and asylum seekers: Systematic review and meta-analysis, *International Journal of Cardiology Cardiovascular Risk and Prevention* (2022), doi: <https://doi.org/10.1016/j.ijcrp.2022.200126>.

Jones-Adams, H.*, Young, M.*, Guyton, K.*, Idemoto, E.*, Ferraro, A.*, **AlHeresh, R.** Effectiveness of Ergonomic Interventions on Work Activity Limitations in Adults with Rheumatoid Arthritis: A Systematic Review. *Work: A Journal of Prevention, Assessment & Rehabilitation*. 2022;10.3233/WOR-210016. doi:10.3233/WOR-210016

Griffin M*, Mitchell-Gillespie B*, Hashim H*, **AlHeresh R.** Predicting Depression among Jordanian Adults with Disabilities According to the International Classification of Functioning, Disability, and Health: A Pilot Study. *Disabilities*. 2021;1(4):450-458. doi:10.3390/disabilities1040031

AlHeresh, R., Vaughan, M., Brenner, I., Keysor, J. Recruitment Cost and Outcomes for an Arthritis Work Disability Prevention Randomized Clinical Trial: The Work It Study. *Contemporary Clinical Trials Communications*. (2021) Nov 12. doi:10.1016/j.conctc.2021.100862

AlHeresh, R., Allaire, S., Simpson, E., Keysor, J. Workplace barriers among people with Rheumatic and Chronic Back Pain: Results from The Work Experience Survey for Rheumatic Conditions. *Work: A Journal of Prevention, Assessment & Rehabilitation*. Accepted.

Lu R*, Lloyd-Randolfi D*, Jones H*, Connor LT, **AlHeresh R.** Assessing adherence to physical activity programs post-stroke at home: A systematic review of randomized controlled trials. *Top Stroke Rehabil*. 2021;28(3):207-218. doi:10.1080/10749357.2020.1803573

Saadi A, Al-Rousan T, **AlHeresh R.** Refugee Mental Health-An Urgent Call for Research and Action. *JAMA Netw Open*. 2021;4(3):e212543. Published 2021 Mar 1. doi:10.1001/jamanetworkopen.2021.2543

Abu-Dahab SMN, **AlHeresh RA**, Malkawi SH, Saleh M, Wong J. Participation patterns and determinants of participation of young children with cerebral palsy [published online ahead of print, 2020 Dec 10]. *Aust Occup Ther J*. 2020;10.1111/1440-1630.12714. doi:10.1111/1440-1630.12714

Mitchell-Gillespie B*, Hashim H*, Griffin M*, **AlHeresh R.** Sustainable support solutions for community-based rehabilitation workers in refugee camps: piloting telehealth acceptability and implementation. *Global Health*. 2020;16(1):82. Published 2020 Sep 15. doi:10.1186/s12992-020-00614-y

AlHeresh R, Cahn PS. Expanding Global Rehabilitation Services through International Academic-Community Partnerships. *Ann Glob Health*. 2020;86(1):71. Published 2020 Jul 1. doi:10.5334/aogh.2876

Keysor, J. J., LaValley, M. P., Brown, C., Felson, D. T., **AlHeresh, R. A.**, Vaughan, M. W., Yood, R., Reed, J. I., & Allaire, S. J. Efficacy of a Work Disability Prevention Program for People with Rheumatic and Musculoskeletal Conditions: A Single-Blind Parallel-Arm Randomized Controlled Trial. *Arthritis Care Res (Hoboken)*. 2018;70(7):1022-1029. doi:10.1002/acr.23423

AlHeresh, R., La Valley, M., Coster, W., Keysor, J. (2017). Construct validity and scoring methods of the Health and work productivity questionnaire among people with Arthritis. *Journal of occupational and environmental medicine*. 59.6: e112.

AlHeresh, R., Vaughan, M., La Valley, M., Coster, W., Keysor, J. (2016). Critical appraisal of the literature evaluating psychometric properties of arthritis work outcome assessments: A systematic review. *Arthritis Care & Research*. 68(9): 1354-70.

Keysor JJ, **AlHeresh R**, Vaughan M, LaValley MP, Allaire S. The Work-It Study for people with arthritis: Study protocol and baseline sample characteristics. *Work*. 2016;54(2):473-480. doi:10.3233/WOR-162331

Vaughan M, LaValley MP, **AlHeresh R**, Keysor JJ. Which Features of the Environment Impact Community Participation of Older Adults? A Systematic Review and Meta-Analysis. *J Aging Health*. 2016;28(6):957-978. doi:10.1177/0898264315614008

AlHeresh RA, Keysor JJ. The Work Activity and Participation Outcomes Framework: a new look at work disability outcomes through the lens of the ICF. *Int J Rehabil Res*. 2015;38(2):107-112. doi:10.1097/MRR.000000000000112

Malkawi SH, Hamed RT, Abu-Dahab SM, **AlHeresh RA**, Holm MB. Development of the Arabic Version of the Preschool Activity Card Sort (A-PACS). *Child Care Health Dev*. 2015;41(4):559-568. doi:10.1111/cch.12209

Allaire SJ, Backman CL, **AlHeresh R**, Baker NA. Ergonomic intervention for employed persons with rheumatic conditions. *Work*. 2013;46(3):355-361. doi:10.3233/WOR-131761

AlHeresh R, Bryant W, Holm M. Community-based rehabilitation in Jordan: challenges to achieving occupational justice. *Disabil Rehabil*. 2013;35(21):1848-1852. doi:10.3109/09638288.2012.756944

Allaire SJ, **AlHeresh R**, Keysor JJ. Risk factors for work disability associated with arthritis and other rheumatic conditions. *Work*. 2013;45(4):499-503. doi:10.3233/WOR-131667

Allaire SJ, Keysor JJ, **AlHeresh R**. Effect of arthritis and other rheumatic conditions on employment. *Work*. 2013;45(3):417-420. doi:10.3233/WOR-131629

AlHeresh R, Nikopoulos CK. The role of the occupational therapist in Jordan: a survey of the members of the healthcare team exploring their knowledge about occupational therapy in rehabilitation hospitals. *Disabil Rehabil*. 2011;33(9):778-786. doi:10.3109/09638288.2010.509460

Hamed R, **AlHeresh R**, Dahab SA, Collins B, Fryer J, Holm MB. Development of the Arab heritage Activity Card Sort. *Int J Rehabil Res*. 2011;34(4):299-306. doi:10.1097/MRR.0b013e32834afc58

Abu Tariah HS, Abu-Dahab SM, Hamed RT, **AlHeresh RA**, Yousef HA. Working conditions of occupational therapists in Jordan. *Occup Ther Int*. 2011;18(4):187-193. doi:10.1002/oti.319

Abu Tariah HS, Hamed RT, **AlHeresh RA**, Abu-Dahab SM, AL-Oraibi S. Factors influencing job satisfaction among Jordanian occupational therapists: a qualitative study. *Aust Occup Ther J*. 2011;58(6):405-411. doi:10.1111/j.1440-1630.2011.00982.x

Peer-Reviewed Conference Presentations

AlHeresh, R. & Al-Rousan, T. Epidemiology of Cardiovascular Disease and its Risk Factors among Refugees and Asylum seekers: Systematic Review and Meta-analysis. 2022 North American Refugee Health Conference. Cleveland, Ohio. June 23, 2022.

* Student mentored publication/presentation

AlHeresh, R. & Keysor, J. Workplace barriers experienced by people with arthritis and rheumatic conditions at risk of pre-mature employment cessation. American College of Rehabilitation Medicine (ACRM) 98th Annual conference. Virtual conference. Sep 2021.

Mitchell-Gillespie, B* & **AlHeresh, R.** Sustainable support solutions for Community-Based Rehabilitation Workers in refugee camps: Piloting telehealth acceptability and implementation. LeaRRn & CoHSTAR Institute: Shaping the Future of Telerehabilitation Through Research. April, 23 2021.

AlHeresh, R. & AlHiyari, O. Clinical Training Opportunities with Community Stakeholders in Jordan. AlHussein Society Annual Conference: Networking and Sustainable Development. December 15, 2020. Virtual Conference.

Kramer, J., Fragala-Pinkham, M., Shore, B., **AlHeresh, R.** Assessing Activity Level Outcomes using the Pediatric Evaluation of Disability Inventory- Computer Adaptive Test (PEDI-CAT) family of measures. American Academy for Cerebral Palsy and Developmental Medicine 74th Annual Meeting. September 25, 2020. Virtual conference.

AlHeresh, R., Griffin M*. Work function assessment: A pathway to minimizing work disability. Occupational Therapy Summit of Scholars, June 24, 2019. Charleston, SC.

AlHeresh, R. Hiyari, O. Griffin, M*. Li, J*. Community Based Rehabilitation in Low and Middle-Income Countries: A systematic review of the strategies and interventions. Community-Based Inclusive Development 4th Annual Conference. December 8, 2018. Amman, Jordan.

AlHeresh R., Lee, A., Price A., Driban, J., Harvey, W., Wang. C. Construct Validity and Responsiveness for the Patient-Reported Outcome Measurement Information System (PROMIS) Sleep Disturbance Short Form among Adults with Knee Osteoarthritis. Occupational Therapy Summit of Scholars. June 2017. Boston, MA, USA.

Keysor, J., LaValley, M., Brown, C., Felson, D., **AlHeresh, R.**, Vaughan, M., Allaire, S. Efficacy of a Work Disability Prevention Program for People with Arthritis and Musculoskeletal Conditions: The Work It Randomized Controlled Trial. American College of Rheumatology and Association of Rheumatology Health Professionals Annual Conference. November 2016. Washington, D.C, USA.

Keysor, J., LaValley, M., Brown, C., Felson, D., **AlHeresh, R.**, Vaughan, M., Allaire, S. Efficacy of a Work Disability Prevention Program for People with Arthritis and Musculoskeletal Conditions: The 'Work It' Randomized Controlled Trial (It Worked!). NIDILRR NARRTC Annual conference. May 2016. Alexandria, VA, USA.

AlHeresh, R., Allaire S., Vaughan, M., LaValley M., Keysor, J. Baseline work participation of a novel intervention to prevent work disability among persons with Arthritis: The "Work It" study. American occupational therapy annual conference. April 2014. Baltimore, MD, USA.

* Student mentored publication/presentation

AlHeresh, R., Allaire S., Vaughan, M., LaValley M., Keysor, J. Baseline work participation of a novel intervention to prevent work disability among persons with Arthritis: The “Work It” study. American College of Rheumatology and Association of Rheumatology Health Professionals Annual Conference. October 2013. San Diego, CA, USA.

AlHeresh, R., Allaire, S., Vaughan, M., LaValley M., Keysor, J. “Work It” recruitment: Lessons learned from an arthritis work disability prevention randomized trial. American College of Rheumatology and Association of Rheumatology Health Professionals Annual Conference. October 2013. San Diego, CA, USA.

AlHeresh, R., & Keysor, J. Work participation: Arthritis and rheumatological conditions. American College of Rheumatology and Association of Rheumatology Health Professionals Annual Conference. November 2012. Washington D.C., USA.

AlHeresh, R. Community-based Rehabilitation in Jordan: Challenges to achieving occupational justice. (Presentation Platform). Workshop on Palestinian Refugee Camps in Jordan and the Near East Living, planning and managing a lasting temporariness. Mar 2011. Amman, Jordan.

AlHeresh, R. The role of the occupational therapist in Jordan: a survey of the healthcare team exploring their knowledge and perceptions of occupational therapy. Fourth Arab Pan and Third Jordanian congress for physical medicine and Rehabilitation, Nov 2008. Amman, Jordan.

Peer-Reviewed Conference Poster Presentations

Ferraro, A.*, **AlHeresh, R.** Telerehabilitation in low-to-middle income countries: A scoping review. World Federation of Occupational Therapy 18th Annual Congress. Paris, France. August 2022.

Idemoto, E.*, **AlHeresh, R.** Usage and effectiveness of telehealth for occupational therapy: A systematic review. World Federation of Occupational Therapy 18th Annual Congress. Paris, France. August 2022.

Hillegass, S.*, **AlHeresh, R.** Community-based mental health for refugees: a qualitative study to inform intervention development. 2022 North American Refugee Health Conference. Cleveland, Ohio. June 23, 2022.

AlHeresh, R. Expanding Global Rehabilitation Services through International Academic-Community Partnerships. Virtual Consortium of Universities for Global Health Annual Conference. March 2022.

AlHeresh, R., AlRousan, T. Risk of Cardiovascular Disease and its Risk Factors Among Refugees and Asylum Seekers: Systematic Review and Meta-analysis. Virtual Consortium of Universities for Global Health Annual Conference. March 2022.

Jones, HM*, **AlHeresh, R.** Effectiveness of Ergonomic Interventions on Work Activity Limitations in Adults with Rheumatoid Arthritis: A Systematic Review. American College of Rehabilitation Medicine (ACRM) 98th Annual conference. Virtual conference. Sep 2021.

Hashim, H*, **AlHeresh, R.** Development of an Arabic Item Bank for Assessment of Function for Jordanian Children. American Occupational Therapy Annual Conference & Expo. April 23, 2021. Virtual Conference

Keysor, J., **AlHeresh, R.** The Work Experience Survey for Rheumatic Conditions: Reported Barriers among People at Risk of Work Loss. MGH Institute of Health Professions Third Annual Research and Scholarship Day. January 7, 2021. Virtual Conference.

Hashim, H.* , Mitchell Gillespie, B.* , Griffin, M.* , **R., AlHeresh.** The Development of an Arabic Item Bank for Assessment of Participation among Jordanian Children. Massachusetts Association for Occupational Therapy Annual Conference. October 27, 2020. Virtual Conference.

Griffin, M.* , Hashim, H.* , Mitchell Gillespie, B.* , **R., AlHeresh.** Predicting Depression Among Jordanian Adults with Disabilities According to the International Classification of Functioning, Disability & Health. Massachusetts Association for Occupational Therapy Annual Conference. October 29, 2020. Virtual Conference.

AlHeresh, R, Griffin M*, Li J*. Community-based rehabilitation (CBR) in low- and middle-income countries: a systematic review of strategies and interventions. American Occupational Therapy Annual Conference & Expo; April 5, 2019. New Orleans, LA.

Engelbrektsson S*, Fabianek A*, Li J*, **AlHeresh R.** Palestinian refugee youth: measuring their daily functioning with the Pediatric Evaluation of Disability Inventory Computer Adaptive Test (PEDI-CAT). American Occupational Therapy Annual Conference & Expo. April 5, 2019. New Orleans, LA.*

Fabianek A*, Engelbrektsson S*, Li J*, **AlHeresh R.** Understanding the lived experiences of Palestinian refugees in Jordan. (Poster Platform). American Occupational Therapy Annual Conference & Expo. April 5, 2019. New Orleans, LA.*

Li J*, Fabianek A*, Engelbrektsson S*, **AlHeresh R.** Health status of Palestinian refugees in Jordan: a predictive model using the World Health Organization (WHO) Community-Based Rehabilitation (CBR) Indicator. (Poster Platform). American Occupational Therapy Annual Conference & Expo. April 6, 2019. New Orleans, LA.

Lloyd-Randolph. D.* , Lu. R.* , **AlHeresh. R.,** Connor. L. Physical Activity Interventions Post-stroke at Home and Methods of Assessing Adherence: A Systematic Review. American Occupational Therapy Association Annual Conference. April 2018. Salt Lake City, UT.

Sheau K* & **AlHeresh R:** Motor Recovery Following Traumatic Brain Injury. American Occupational Therapy Association Annual Conference. April 2018. Salt Lake City, UT.

Lu, R.*, Lloyd-Randolph, D.*, **AlHeresh, R.**, Connor, L. Physical Activity Interventions Post-stroke at Home and Methods of Assessing Adherence: A Systematic Review. American College of Rehabilitation Medicine Annual Conference. Oct 2017. Atlanta, GA.

AlHeresh, R., Lee, A., Price, A., Driban, J., Harvey, W., Wang, C. Construct Validity for the Patient-Reported Outcome Measurement Information System (PROMIS) Social Role Satisfaction Short Form among Adults with Knee Osteoarthritis (OA). Gerontology Society Association Annual Scientific Meeting. November 2016. New Orleans, LA, USA.

Marfeo, E., **AlHeresh, R.**, Ni, P., Jette, A. Construction of an IRT-based Physical Function Scale in NHATS. Gerontology Society Association Annual Scientific Meeting. November 2016. New Orleans, LA, USA.

AlHeresh, R., Allaire S., Vaughan, M., LaValley, M., Keysor, J. “Work It” recruitment: Lessons learned from an arthritis work disability prevention randomized trial. American Occupational Therapy Annual Conference & Expo. April 2014. Baltimore, MD, USA.

Vaughan, M., **AlHeresh, R.**, Keysor, J. Mapping environmental features in the environment-participation literature of older adults to the ICF framework. Combined Sections Meeting of the Physical Therapy Association. Feb 2014, Las Vegas, NV, USA.

Invited Presentations and Webinars

AlHeresh, R. Sustaining Community-Based Rehabilitation through Academic Partnerships in Jordan. Brunel University Occupational Therapy Conference. March, 24, 2022, Virtual Conference.

AlHeresh, R. My Journey in OT Access: Past, Present, and Future. Brunel University Alumni Speaker Series. March 17, 2022.

AlHeresh, R. Motivation is Key. Learning Planet Festival, UNESCO, Online Webinar. January 27, 2022.

AlHeresh, R. International Occupational Therapy Student Experiences. COTAD Chapter, Columbia University, NY, USA. June 14, 2021.

AlHeresh, R. Rehabilitation Capacity Building in Low and Middle-Income Countries. University of Pennsylvania Global Perspectives on Medicine, Rehabilitation, and Robotics Elsevier Webinar Series. April 21, 2021.

AlHeresh, R. Building Meaningful Academic Community Partnerships. Panelist for “Networked Mentoring Program to Promote Social Belonging among Minoritized Health Sciences Students”. MGH Institute of Health Professions. January 2021.

AlHeresh R. Improving Access to Care for Children in Immigrant Families: Cultural Humility in Practice. American Academy of Pediatrics: Illinois Chapter. Health Equity Initiatives. Webinar. January 20, 2021

* Student mentored publication/presentation

AlHeresh R. Mentorship in Medicine and Allied Health Sciences. Scientists for Palestine. Webinar. January 6, 2021.

AlHeresh R. State of the Science in Work intervention for OT and PT for people with Arthritis. Saudi Occupational Therapy Association. Webinar. June 2020.

AlHeresh, R. Building Meaningful Academic Community Partnerships. Panelist for “Networked Mentoring Program to Promote Social Belonging among Minoritized Health Sciences Students”. MGH Institute of Health Professions. January 2020

AlHeresh R. Community-Based Rehabilitation in Refugee Camps in Jordan. Weekly journal club meeting of the Spaulding-Labuschange Neuromodulation Center. Spaulding Rehabilitation Hospital. April 30, 2019.

AlHeresh R. Piloting Community-Based Rehabilitation in Palestinian Refugee Camps in Jordan. **Keynote speaker at the Board of Trustees meeting** at the MGH Institute of Health Professions. December 6, 2018.

AlHeresh R. Schwartz Rounds. Caring for Refugees. September 25, 2018. Boston, Massachusetts, USA.

AlHeresh R. Results of two clinical trials to help people with Arthritis continue work and exercise. State of the Science ENACT *Webinar*. September 21, 2017. Boston, Massachusetts, USA.

AlHeresh R. Measurement of work disability among people with arthritis and musculoskeletal conditions. Occupational Therapy research meetings at Tufts University. May, 2016.

AlHeresh, R. The Work-It Study for People with Arthritis: Study Protocol and Baseline Sample Characteristics. Learn at Work *Webinar*. October 19, 2016.

Teaching and Mentorship

Course Development

Community-Based Rehabilitation (3-credit elective course): Developed course content, assignments, and related activities, including global travel to refugee camps in Amman, Jordan.

Course description: This course introduces students to Community Based Rehabilitation, an initiative developed by the World Health Organization to enhance the quality of people with disabilities, their families, communities, and ensure their inclusion and participation in developing countries. Students learn about disability from multiple perspectives including human rights, medical/social/biopsychosocial models of disability, stigma and stereotypes and the implications for health, participation, globalization and multiculturalism. Students will implement CBR and immerse with underserved communities including refugees in Jordan.

Course is open to all graduate students in rehabilitation programs and includes a matching process to Jordanian peers to maximize the cultural integration and capacity building in Jordan.

Courses Taught

Graduate Courses, MGH Institute of Health Professions

- Research methods (2022 to date)
 - o 40 Doctor of OT students
- Advanced Doctoral Experience/ OTD Capstone Coordinator (2020)
 - o Capstone project coordinator- 26 doctoral capstone projects/ managed disrupted capstone projects due to the COVID-19 pandemic.
- Research IV: Research and Dissemination of OTD Capstone (2017- to date)
 - o On average, 4 students per cohort per year.
- Occupation, Community, and Culture. (2017 – to date)
 - o Modified to a cutting-edge course, addressing **health disparities and inequities for OT practitioners, implicit bias, and ways to address justice, equity, and inclusion.**
 - o 40 Doctor of OT students
- Professional Reasoning: Assessment and Evaluation (2017-2018)
 - o 40 Doctor of OT students
- Professional Reasoning: Environment and Participation (2017)
 - o 40 Doctor of OT students

Undergraduate Courses, University of Jordan

- Occupational therapy for physical dysfunction (2007-2011)
- Treatment modalities in occupational therapy (2007-2011)
- Occupational therapy fundamentals (2007-2011)
- Community-based and vocational Rehabilitation (2007-2011)
- Splinting and Hand Therapy (2007-2011)

Course guest speaking

MGH Institute of Health Professions

- Occupational therapy for physical dysfunction
 - o OTD program at MGH Institute of Health Professions 2017- to date
 - o Topics covered: Occupational therapy and Arthritis: Assessment and intervention, and work disability intervention for people with arthritis
- Professional Reasoning II: Assessment and Evaluation
 - o OTD program at MGH Institute of Health Professions 2019- to date
 - o Title: Measurement Properties
- Health Promotion
 - o OTD-post professional program at MGH Institute of Health Professions, 2021
 - o Title: Community-Academic partnership development for at-risk populations

National and International Occupational Therapy and Rehabilitation Programs

- Community-Based Rehabilitation, Hashemite University, Jordan.
 - o OT Bachelor of Science program, Feb 2021
 - o Title: Piloting Community-Based Rehabilitation in Palestinian Refugee Camps in Jordan

- Global Health & Disability, University of Chicago, USA.
 - o Graduate program in Disability and Public Health. Feb 2022.
 - o Title: Community-Based Rehabilitation in Palestinian Refugee Camps

Mentorship

Mentored OTD students in Advanced Doctoral Experience- Capstone graduation projects:

- o Richard Lu, OTD, OTR/L. Project title: Physical Activity Interventions Post-Stroke at Home and Methods of Assessing Adherence: A Systematic Review. 2017
 - o Research project disseminated in both peer reviewed journal and international conference
- o Kristin Sheau, OTD, OTR/L. Project title: Motor recovery following traumatic brain injury. 2017
- o Laura Benitez, OTD, OTR/L. Project title: Community-Based Rehabilitation in Low and Middle-Income countries. 2018
- o Sarah Engelbrektsson, OTD, OTR/L. Project title: Palestinian refugee youth: measuring their daily functioning with the Pediatric Evaluation of Disability Inventory Computer Adaptive Test. 2017-2019
 - o Research project disseminated in international conference
- o Jenny Li, OTD, OTR/L. Project title: Health status of Palestinian refugees in Jordan: a predictive model using the World Health Organization (WHO) Community-Based Rehabilitation (CBR) Indicators. 2017-2019
 - o Research project disseminated in international conference
- o Alyssa Fabianek, OTD, OTR/L. Project title: Understanding the lived experiences of Palestinian refugees in Jordan. 2017-2019
 - o Research project disseminated in both peer reviewed journal and international conference
- o Bria Mitchell-Gillespie, OTD, OTR/L. Project title: Sustainable support solutions for Community-Based Rehabilitation Workers in refugee camps: Piloting telehealth acceptability and implementation. 2018-2020
 - o Research project disseminated in both peer reviewed journal and international conference
- o Megan Griffin, OTD, OTR/L. Project title: Predicting Depression Among Jordanian Adults with Disabilities According to the International Classification of Functioning, Disability & Health. 2018-2020
 - o Research project disseminated in both peer reviewed journal and international conference
- o Hiba Hashim, OTD, OTR/L. Project title: Development of an Arabic Item Bank for measurement of function for Arabic-speaking children. 2018-2020
 - o Research project disseminated in international conference
- o Heather McConnel Jones, OTs. Project title: Effectiveness of Ergonomic Interventions on Work Activity Limitations in Adults with Rheumatoid Arthritis: A Systematic Review. 2019-2021
 - o Research project disseminated in both peer reviewed journal and international conference
- o Kyndel Guyton, OTD, OTR/L. Project title: A Critical Evaluation of Participation Assessments for Children Aged 0 to 6: A Systematic Review. 2019-2021
- o Emily Idomoto, OTD, OTR/L. Project title: Usage and Effectiveness of Telehealth for Occupational Therapy: A Systematic Review. 2019-2021
 - o Research project disseminated in international conference

- Alicia Ferraro. OTD, OTR/L. Project title: Telerehabilitation in Low-to-Middle Income Countries: A Scoping Review. 2019-2021.
 - Research project disseminated in international conference
- Sarah Hillegass. OTD, OTR/L. Project title: Community-Based Mental Health for Refugees: A qualitative Study. 2020-2022
 - Research project disseminated in both peer reviewed journal and international conference
- Megan Young. OTD, OTR/L. Project title: Effects of an online community-based caregiver training intervention on the functional performance of children with disabilities. 2020-2022
 - Research project disseminated in both peer reviewed journal and international conference
- Tri Vo. OTD, OTR/L. Project title The Associations between Socioeconomic Factors and Caregiver Stress Among Families of Children with Disabilities in Jordan. 2020-2022
 - Research project disseminated in both peer reviewed journal and international conference
- Joy Ko. OTD, OTR/L. Project title The Associations between Socioeconomic Factors and Caregiver Stress Among Families of Children with Disabilities in Jordan. 2020-2022
 - Research project disseminated in both peer reviewed journal and international conference

Ph.D. Rehabilitation Sciences Scientific Research Advisor:

- Zaina Muqbel. Ph.D. Rehabilitation Sciences student. MGH Institute of Health Professions. 2021- to date

Ph.D. Rehabilitation Sciences Qualifying Examination committee member:

- Michael Kiefer, PT, DPT. Ph.D. Rehabilitation Sciences student. MGH Institute of Health Professions. December 2021.
 - Title: Construction and Validation of the Infantile GM2 Rating Scale.
- Kelly Spellman, OTR/L. Ph.D. Rehabilitation Sciences student. MGH Institute of Health Professions. April 2021
 - Title: The Relationship Between Resilience and Functional Gains in Early Traumatic Spinal Cord Injury Recovery

Ph.D. Rehabilitation Sciences Academic Advisor:

- Baothy Huynh, Ph.D. Rehabilitation Sciences student. MGH Institute of Health Professions. 2020
- Kelly Spellman, Ph.D. Rehabilitation Sciences student. MGH Institute of Health Professions. 2021
- Lina Jallad, Ph.D. Rehabilitation Sciences student. MGH Institute of Health Professions. 2021- to date
- Katie Golden, Ph.D. Rehabilitation Sciences student. MGH Institute of Health Professions. 2022- to date

External Panel Reviewer for MSc in pharmacy, MCPHS University

- Eman Nasser, thesis title: Patient-Reported Outcomes in Brain Cancer. 2018

Capstone Mentor for Master of Public Health, MPH, Columbia University

- Amani AlTell, June 2022- September 2022

Coalition of Occupational Therapy Advocates for Diversity (COTAD) Mentor: 2021- to date

Support underrepresented occupational therapy students, new practitioners, and prospective students

Mentees:

Sarah Mathai, OTs, Thomas Jefferson University, United States

Oxpal mentor: 2020- to date

Oxford University-Based organization aims to link healthcare students and education providers in Palestine with countries with advanced health systems, allowing best practice in medical education to be shared and providing high-quality training opportunities that address gaps in Palestine's health education and research system.

Mentees:

Mohammad Habil, MD student, AlAzhar University of Gaza, Palestine

Islam Masoud, MD student, AlAzhar University of Gaza, Palestine

Service

Departmental and University Committees at the MGH Institute of Health Professions

- Admissions committee to the OTD program, member (2017 to 2018)
- Advanced Doctoral Experience committee, member (2017 to present)
- Curriculum committee, member (2017 to present)
- Faculty Senate member:
 - o Governance & Academic Policies subcommittee, Member at Large. (2018 to 2021)
- Search committees:
 - o Member, Search for Instructional Designer for the MGH Institute of Health Professions (May-June 2019)
 - o Member, Search for Occupational therapy department Chair (Dec 2019 to 2021)
 - o Chair, Search for Associate professor of occupational therapy for the MGH Institute of Health Professions (Jan 2020 to June 2020)
- Ph.D. Executive committee, member (2019 to present)
- Ph.D. Admissions committee, member (2019 to present)
- Faculty of color committee, member, (2020 to present)
- Justice, Equity, Diversity, and Inclusion Faculty Development Community of Practice, member (2021-present)
- Faculty Senate member:
 - o Appointment and Promotions subcommittee, Member at Large. (2022 to 2025)
- Advanced Doctoral Experience committee, Chair (2022 to present)

Research management

Research assistants:

- Jenny Li, OTR/L. From Jan 2018 to July 2019
- Megan Griffin, OTR/L. From July 2018 to July 2020
- Heather Jones, OTs. From Jan 2018 to 2020
- Megan Young, OTs. From July 2019 to present

- Helina Samson, OTs. From July 2021 to present

Project Managers:

- Ola AlHiyari, International Contractor, project manager and physical therapist, Jordan. 2017 to present.

International Professional Assignments and Committees

- Member, Literature Review Team for Developing guidelines for the use of non-pharmacological treatments. American College of Rheumatology. (Oct 2021- to date)
- Member, American College of Rehabilitation Medicine (ACRM) International Networking Group: Refugee Empowerment Task Force. (Sep 2021- to date)
- Proposed Contact for Academic Arrangement as Jordanian Liaison for Fulbright Scholar-in Residence Program. Application of Prof. Mohammed AISbou', Chair of Pharmacology to be a guest scientist at the MGH Institute of Health Professions Physicians Assistance Program. (2021)
- Consultant, Iraq Health Access Organization. Training healthcare practitioners on disability rights and cultural sensitivity to ISIS torture survivors in Mosel, Iraq. (2020 to date)
- Consultant, We Love Reading Program. Global Program in 56 countries to improve reading in underserved communities in low and middle-income countries. (2020 to date)
- Consultant, Improving Access to Care for Children in Immigrant Families Project- Illinois Chapter of the American Academy of Pediatrics. (2020)
- Reviewer for Rehabilitation Competency Framework for the **World Health Organization (WHO)** 2030 call for action to Rehabilitation. (Sep 2019 to 2021)
- Jordanian Society of Occupational Therapy, Treasurer and Administrative Officer (2008-2009)
- Healthy Active Aging at Tufts Post-Doc Advisory committee, Post-Doc advisor to the steering committee (2016-2017)
- Curriculum development and the World Federation of Occupational Therapy accreditation. Key role in developing the Bachelor of Science in occupational therapy program, first occupational therapy program in the Middle East, University of Jordan. (2008-2011)

Other Service/Community Positions

- Found in Translation. Board member. 2022 to date.

Continuing Education and Professional Development Activities

- Series on Global Health Research: Successful Career Paths in Global Health Research. Massachusetts General Hospital Division of Clinical Research. March 2018.
- IRB Issues for the Bench and Desk Scientist. Massachusetts General Hospital Division of Clinical Research. November 2018.
- Training in Grantsmanship for Rehabilitation Research (TIGRR) intensive workshop for grant writing, preparation, in rehabilitation research. January 5, 2018.
- Strategies for Success: The Cognitive Orientation to daily Occupational Performance (CO-OP) Approach® March- September 2019.
- Successful Grant Writing Strategies- Harvard Catalyst. December 2019.
- Conquering the K: Applying for an NIH Career Development Award- Clinical Investigator Track. Massachusetts General Hospital Division of Clinical Research. February- March 2020.
- MGH Institute instructional Design Workshop Series Spring 2021. Completed training workshops for remote course delivery and best practice for synchronous and asynchronous online teaching and learning. Workshops attended:
 - Pivoting to Online Teaching

- Establishing your Teaching Presence Online
- Active Learning in Remote Classrooms
- Weekly Overview Pages
- Asking Good Questions Online
- Using online Discussion Boards
- Community-Engaged Research. Harvard Catalyst (October- December 2021)
- Racial Equity and Justice Initiative (REJI) Professional Development Workshops Focused on Equity-Minded Teaching and Action Planning. (September- October 2021)
- Qualitative & mixed Methods Capacity Building Workshop. Massachusetts General Hospital. Qualitative & Mixed Methods Research Unit. (Nov 2021)

Clinical Experience

Jan- Jun 2006	Occupational Therapist volunteer Farah Center for Rehabilitation/ King Hussein Medical City – Amman, Jordan
Jan- Mar 2006	Occupational Therapist in training AlFuhays Mental Health Hospital- Amman, Jordan
Jul 2011 – present	Occupational Therapy and Rehabilitation trainer Community-Based Rehabilitation, United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA)- AlBaqaa refugee camp, Jordan & Gaza refugee camp, Jordan.

Features in Public Media

- Arthritis Foundation. Adapting Your House When You Have Arthritis. <http://blog.arthritis.org/living-with-arthritis/adapting-house-arthritis/>
- Interview with the Jordanian National Television about Community-Based Rehabilitation. <https://www.facebook.com/Youm.Jdeed/videos/1142381432569114/>

“Toward an All-Inclusive Jordan” Project links:

Facebook: <https://www.facebook.com/TowardsanallinclusiveJordan/?ref=bookmarks>

Instagram: <https://www.instagram.com/towardanallinclusivejordan/>

YouTube: <https://www.youtube.com/channel/UCbhGz4kNO4984iPHHISSqJQ>

References

1. Dr. Julie Keysor, Ph.D. PT.
Email: jkeysor@mghihp.edu
2. Dr. Lisa Connor, Ph.D. MSOT
Email: lconnor@wustl.edu
3. Dr. Michael Iwama, Ph.D, OT
Email: michael.iwama@duke.edu