

PROMOTION RECOMMENDATION  
The University of Michigan-Flint  
School of Health Professions and Studies  
Department of Physical Therapy

Bara Alsalaheen, assistant professor of physical therapy, Department of Physical Therapy, School of Health Professions and Studies, is recommended for promotion to associate professor of physical therapy, with tenure, Department of Physical Therapy, School of Health Professions and Studies.

Academic Degrees:

Ph.D.	2013	University of Pittsburgh, Pittsburgh, PA
M.P.T.	2008	University of Pittsburgh, Pittsburgh, PA
B.S.	2006	University of Jordan, Amman, Jordan

Professional Record:

2016 –	Research Assistant Professor, University of Michigan, Ann Arbor, MI, Medical School, Department of Neurology
2013 – Present	Assistant Professor, University of Michigan-Flint, Flint, MI, School of Health Professions and Studies, Department of Physical Therapy

Summary of Evaluation:

Teaching – Professor Alsalaheen has clearly demonstrated excellence in teaching. He taught nine different courses in the Physical Therapy Department in the Doctor of Physical Therapy and Ph.D. in physical therapy programs and served as the chair for two Ph.D. committees and eleven D.P.T. program student researcher projects. His student evaluations range from average (in courses only taught one time) to excellent (in courses taught multiple times) with the majority in the excellent rating.

Research – Professor Alsalaheen has focused his research efforts on understanding concussion risks, recovery times, and rehabilitation outcomes. He has published twenty peer-reviewed manuscripts since joining the University of Michigan-Flint faculty, many in journals with high impact factors. Professor Alsalaheen is highly effective in mentoring physical therapy professional and Ph.D. students in research as well as junior faculty. He has established significant research collaborations on the Flint and Ann Arbor campuses and has extremely high potential for continued scholarly productivity with significant impact on assessment, prevention, and treatment of sports related concussion injuries.

Recent and Significant Publications

*Peer – Reviewed Journal Articles*

- Alsalaheen BA, Stockdale K<sup>a</sup>, Pechumer D<sup>a</sup>, Broglio SP: Validity of the immediate Post Concussion Assessment and Cognitive Testing (ImPACT). *Sports Med.* 2016. doi: 10.1007/s40279-016-0532-y. PMID: 27071989
- Alsalaheen BA, Stockdale K<sup>a</sup>, Pechumer D<sup>a</sup>, Broglio SP: Measurement error in the immediate Post Concussion Assessment and Cognitive Testing (ImPACT): Systematic Review, *J Head Trauma Rehabil.* 2016. 31(4):242-51. PMID: 26291631
- Alsalaheen BA, Pechumer D<sup>a</sup>, Stockdale K<sup>a</sup>, Broglio SP, Marchetti G: A comparative meta-analysis of the effects of concussion on a computerized neurocognitive test and self-reported symptoms. *Journal of Athletic Training* (in press)

Yorke A, Littleton S, Alsalaheen BA: Concussion attitudes and beliefs, knowledge and clinical practice: A survey of physical therapists. *Phys Ther.* 2016. 96(7):1018-28. PMID: 26637654  
Alsalaheen BA, Haines J, Yorke A, Broglio SB: Reliability and construct validity of limits of stability test in adolescents using portable force plate system. *Arch Phys Med Rehabil.* 2015. 96(12):2194-200. PMID: 26325240

#### *Research Platform Presentations*

Vestibular physical therapy following concussion. Part of: Return on Investment. A sports Medicine Approach. University of Michigan. May, 2016  
Rehabilitation of concussion in high school adolescents. The American Physical Therapy Association Combined Section Meeting, Anaheim, CA, Feb, 2016  
Comprehensive approach to rehabilitation of mild traumatic brain injuries. Part of: Medical Grand rounds at Mary Free Bed Rehabilitation Hospital, Grand Rapids, MI, March, 2015  
Active targeted rehabilitation for patients with concussion. Beaumont Hospital, Royal Oak, MI, March, 2015  
Clinical recovery for protracted recovery after sport related concussions. Part of: Medical rounds at Field Neurosciences Institute (FNI), Saginaw, MI, September, 2014

Service – Professor Alsalaheen made significant service contributions to the community, profession, and university. He focused his community and professional service to align with his research agenda, i.e. addressing concussions in youth athletic populations. Locally, he offered a free full-day workshop for local school personnel to discuss recent changes in concussion guidelines and practices, provided free musculoskeletal evaluations for high school students prior to the sport season, and presented concussion education sessions for University of Michigan-Flint club sport organizations. He involved students in all of these service activities. Within the profession, he has served on the American Physical Therapy Association Clinical Practice Guidelines Group for Concussion which is formulating recommendations for physical therapy management for patients with persistent symptoms after concussion. He also serves as an abstract reviewer for the American Physical Therapy Association Section on Research. Within the university, Professor Alsalaheen has served on numerous department committees. He skillfully chaired the research committee of both the department and school. At the university level, he has served on the Research and Creative Activity Committee.

#### External Reviewers:

Reviewer (A): “I especially found his manuscript on, ‘Reference values for the balance error scoring system in adolescents’ which was published in the journal *Brain Injury* to be a good representation of his work. It was very well designed, clinically relevant, and showed the outstanding scholarship abilities of the researchers involved. ... I enjoy reading well-written manuscripts pertaining to very relevant areas in the field of physical therapy and Dr. Alsalaheen’s work certainly fits that description.”

Reviewer (B): “The idea of exploring the interrelationships between different assessment domains in clients with concussion is cutting edge and speaks to every day assessment of clients. These studies will have an impact on the assessment of clients, especially adolescents, who have had a concussion. ... His scholarly work and service are an asset to our profession.”

Reviewer (C): “All of these scholarly activities reinforce a very active research vision and reflect his potential to serve as a senior tenured faculty member.”

Reviewer (D): "I would estimate Dr. Alsalaheen to be in the upper echelon regarding scholarly productivity early in his career such as he is."

Reviewer (E): "In terms of the 3 articles I reviewed, each one possessed a well-written introduction, methods, results, discussion, and conclusion section. In addition, all of the articles examined an important topic in the field of physical therapy."

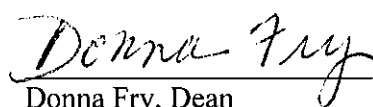
Reviewer (F): "Dr. Alsalaheen, at the level of Assistant Professor, I feel has made significant contributions in the area of scholarship from both the Physical Therapy and Sports Medicine perspectives. ... I believe Dr. Alsalaheen shows great promise as a faculty member."

Reviewer (G): "In my professional judgment, Dr. Alsalaheen's publications in the area of postural control measures would be characterized as consistently high quality contributions to the field. ... I would characterize his July 2016 paper in PTJ (co-authored with Yorke and Littleton) as outstanding. The exploration of concussion knowledge, attitudes, beliefs and clinical practice provides the foundation for future knowledge translation initiatives in our profession, and has great potential to impact the field. Survey research often falls short of exploring how participants use knowledge to make clinical decisions. An innovative contribution of this paper is exploring clinical decision making when treating a person with concussion through specific case scenarios. Based on this body of work, I would characterize Dr. Alsalaheen as an emerging leader in the field."

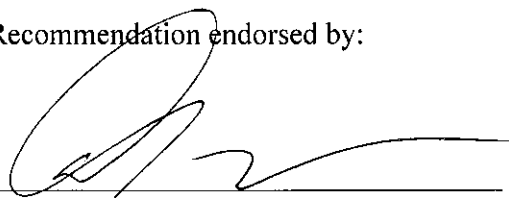
Summary of Recommendation:

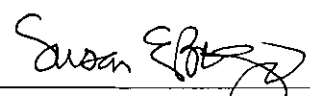
Professor Alsalaheen is a strong researcher and teacher. I fully concur with the Promotion and Tenure Review Committee and the director of the Department of Physical Therapy and enthusiastically recommend Bara Alsalaheen for promotion to associate professor of physical therapy, with tenure, Department of Physical Therapy, School of Health Professions and Studies.

Recommended by:

  
Donna Fry, Dean  
School of Health Professions and Studies

Recommendation endorsed by:

  
Douglas G. Knerr, Provost and  
Vice Chancellor for Academic Affairs

  
Susan E. Borrego, Chancellor  
University of Michigan-Flint

May 2018