

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

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

Academic Degrees:

Ph.D.	2003	Wayne State University, Detroit, Michigan
B.S.	1992	University of Cape Town, South Africa
B.S.	1988	University of Cape Town, South Africa

Professional Record:

2014-Present	Director, Department of Physical Therapy, University of Michigan-Flint
2014-Present	Associate Professor of Physical Therapy, with tenure, University of Michigan-Flint
2014	Interim Associate Director of Professional Education, Department of Physical Therapy, University of Michigan-Flint
2012-2013	Director of Research, Department of Physical Therapy, Wayne State University
2012-2013	Associate Professor of Physical Therapy, with tenure, Wayne State University
2006-2013	Adjunct Faculty, Institute of Gerontology, Wayne State University
2005-2012	Assistant Professor, Department of Health Care Sciences, Wayne State University
1996-2001	Lecturer, Department of Physical Therapy, University of Michigan-Flint

Summary of Evaluation:

Teaching – Professor Goldberg is an excellent mentor for students engaging in scholarly research. His thorough understanding of research design and statistics helps him to clearly articulate these principles to his students both in a formal class setting as well as when working with students in project based learning. Many of his students have presented their research at national conferences and published research manuscripts with him. Students consistently regard Professor Goldberg as an excellent teacher from whom they learn a great deal. Reviews of student outcome work reflect high-level achievement that meet or exceed the expectations established by Professor Goldberg for his students.

Research – Professor Goldberg has established two well defined areas of research. His research on mobility and balance deficits in older adults has focused primarily on the psychometric properties of balance and mobility tests in elderly and patient populations. This work has contributed to a more effective toolkit for clinicians to use in assessing their patients. Professor Goldberg is recognized as a national leader in physical therapy for his second area of research, genomics. His research background in physical anthropology and genetics has provided a basis for him to translate genomic advances to physical therapy practice. He is a sought after speaker in genomics and has contributed to a special issue of the premier *Physical Therapy Journal* on this topic as well as participated as an invited speaker in a summit on genomics and regenerative rehabilitation. Professor Goldberg's research productivity is exceptional and the quality of his work is highly regarded.

Recent and Significant Publications:

Manuscripts Accepted for Publication

- Curtis, C. L., Goldberg, A., Kleim, J. A. and Wolf, S. L. "Translating Genomic Advances to Physical Therapy Practice: A Closer Look at the Nature and Nurture of Common Diseases." *Physical Therapy Journal* (Special Issue on Genomics and Regenerative Rehabilitation). Expected publication 2016; 96; published online December 2015 (unedited author manuscript).
- Pociak, F. D., Dizazzo-Miller, R., Goldberg, A. and Adamo, D. E. "The Contribution of Head Position, Standing Surface and Vision to Postural Control in Community-Dwelling Older Adults." *American Journal of Occupational Therapy*. Expected publication 2016; 70, 7001270010. <http://dx.doi.org/10.5014/ajot.2016.015727>.
- Goldberg, A., Talley, S. A. and Adamo, D. E. "Construct Validity of the Modified Gait Efficacy Scale in Older Females." *Physiotherapy Theory and Practice*.

Peer-Reviewed Journal Articles

- Goldberg, A. and Talley, S. A. (2015). "Performance on a Test of Rapid Stepping in Community-Dwelling Older Adults: Validity, Relative and Absolute Reliability, and Minimum Detectable Change." *Physiotherapy Theory and Practice*, 31(7): 483-488.
- Goldberg, A., Curtis, C. L. and Kleim, J. A. (2015). "Linking Genes to Neurological Clinical Practice: the Genomic Basis for Neurorehabilitation." *Journal of Neurologic Physical Therapy* (Special Issue: Advancing Technological Interfaces with Neurologic Physical Therapy), 39(1): 52-61.
- Pardo, V., Galen, S., Gahimer, J. E. and Goldberg, A. (2015). "Effects of Custom-Molded and Prefabricated Hinged Ankle-Foot Orthoses on Gait Parameters and Functional Mobility in Adults With Hemiplegia: A Preliminary Report." *Journal of Prosthetics and Orthotics*, 27: 33-38.
- Adamo, D. E., Talley, S. A. and Goldberg, A. (2015). "Age and Task Differences in Functional Fitness in Older Women: Comparisons with Senior Fitness Test Normative and Criterion-Referenced Data." *Journal of Aging and Physical Activity*, 23(1): 47-54. (Epub 2014 Jan 10).

Book Chapter (Editor-Reviewed)

- Goldberg, A., Curtis, C. and Wolf, S. L. (2013). In Roy, S. H., Wolf, S. L. and Scalzitti, D. A. (eds.) Rehabilitation Specialists Handbook, 4th edition. F.A. Davis Company, Section XIII: 869-887).

Conference Presentations

- Dunleavy, K. D., Kava, K., Talley, S. A., Goldberg, A., Tutag-Lehr, V. and Hildreth, J. "Efficacy of Pilates and Yoga-Based Group Exercise for Chronic Neck Pain." The Combined Sections Meeting of the American Physical Therapy Association, Indianapolis, Indiana, February 2015. Poster.
- Goldberg, A. and Talley, S. A. "Relationships Between Strength and Step Execution Time: Role of ACE Insertion/Deletion Genotypes." 67th Annual Scientific Meeting of the Gerontological Society of America, Washington, D.C., November 2014. Poster.
- Goldberg, A. and Talley, S.A. "Deficits in Rapid Stepping Are Associated with Recurrent Falling in Community-Dwelling Older Adults." 67th Annual Scientific Meeting of the Gerontological Society of America, Washington, D.C., November 2014. Poster.
- Goldberg, A., Talley, S.A., Galen, S. S., Corbin, A., Dewald, S., Shurkus, K. and Willert, K. "Associations Between Gait Self-Efficacy and Walking Performance in Community-Dwelling Older Adults." Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, Nevada, February 2014. Poster.
- Galen, S. S., Goldberg, A., Talley, S. A., Dewald, S., Willert, K., Shurkus, K. and Corbin A. "Gait Parameters Measured Using a Wireless Gait Assessment Tool and its Association with Clinical Walking Measures in Older Adults." Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, Nevada, February 2014. Poster.

- Pardo, V., Fileccia, A., Lewis, S., Sesta, J., Goldberg, A. "Minimum Detectable Change in the Timed Up and Go and the Step Test in People with Stroke." Combined Sections Meeting of the American Physical Therapy Association, Las Vegas, Nevada, February 2014. Poster.
- Talley, S.A. and Goldberg, A. "Contributions of Reaction and Movement Times to Step Execution in Older Adults with Fear of Falling." 66th Annual Scientific Meeting of the Gerontological Society of America, New Orleans, Louisiana, November 2014. Paper.

Peer-Reviewed Symposia

"Frontiers in Rehabilitation Science and Technology (*FiRST*):

Genomics (Part1): Background Recent Advances in Genomics; Patient Care and Clinical Implications; Recovery after Neurological Disease.

Genomics (Part 2): Roles and Responsibilities of the Physical Therapist (Clinical and Professional); Epigenetics; Educational Implications and Resources available to Physical Therapists."

Participants: Wolf, S. L. (organizer), Goldberg, A., Kleim, J., Curtis, C. and Shields, R. NEXT Conference of the American Physical Therapy Association, Charlotte, North Carolina, June 2014.

Service – Professor Goldberg has provided significant service to the community, his profession, and the university. His service to the community has included educational sessions about balance and falls prevention, consultation with senior centers on developing balance related activities for seniors, as well as numerous *pro bono* clinical consultations and balance, fitness, and falls screenings for older adults. Professor Goldberg served on the Michigan Physical Therapy Association Research Committee for many years and on several committees related to his genomics research for the American Physical Therapy Association. Within the university, Professor Goldberg has served on numerous department and school committees.

External Reviewers:

Reviewer (A): "His list of peer-reviewed products demonstrate [sic] an active, ongoing agenda that includes invited presentations, refereed conference presentations, small grants, and publications in reputable professional journals. His articles on the validity, reliability, and clinical interpretation of commonly-used clinical tests to assess functional mobility in older adults provide, in my opinion, a significant contribution to the rehabilitation literature."

Reviewer (B): "His body of scholarship is equal or superior to the majority his peer group... ... To be candid, I know several exceptional faculty members across the country that have promoted to the rank of Professor that don't have nearly the curriculum vitae that Dr. Goldberg has built over his academic journey thus far."

Reviewer (C): "Since achieving the rank of associate professor, Dr. Goldberg has been an author on 19 refereed papers or posters presented at professional meetings and 12 peer-reviewed published articles... ... This far exceeds what would be expected from a faculty member in most physical therapy education programs. Most of this work is valuable if not earth shaking in its contribution to physical therapy clinical practice."

Reviewer (D): "...Dr. Goldberg's publications in the area of postural control measures would be characterized as consistently high quality contributions to the field... ... At this time, Dr. Goldberg is clearly meeting expectations for scholarship of high quality with recognizable contributions to the field. His extensive track record of scholarly contributions through peer reviewed publications and presentations strongly suggests promise of continued future productivity."

Reviewer (E): "...Dr. Allon Goldberg's career accomplishments are reflective of exceptional activity in higher education and the profession of physical therapy... .. Dr. Goldberg has an on-going record of scholarly contributions in scholarship of discovery that are of exceptional quality in his field."

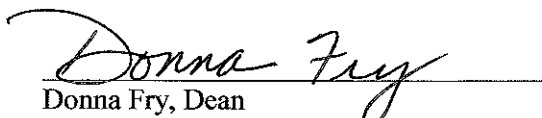
Reviewer (F): "...relative to other physical therapists with a similar scholarly focus, Dr. Goldberg appears to have made a substantial contribution to the field thus far. His work appears to be of good quality, high clinical utility, and, especially in the area of genomics and physical therapy, critical importance."

Reviewer (G): "Professor Goldberg's research has been novel in its approach, thorough, and provided a strong foundation for basic research. Clinical implications are noteworthy... .. Professor Goldberg is well ahead of his peers regarding his research (symposiums, conference presentations, and publications)."

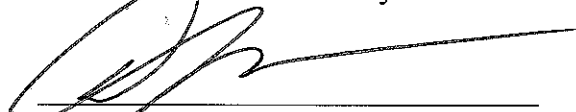
Summary of Recommendation:


Professor Goldberg is a strong researcher and teacher. I fully concur with the Promotion and Tenure Review Committee and enthusiastically recommend that Allon Goldberg be promoted to 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 2016