

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

Min-Hui Huang, 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.	2009	University of Michigan, Ann Arbor, Michigan
Ed.M.	2000	Columbia University, New York, New York
M.A.	1999	Columbia University, New York, New York
B.S.	1992	National Taiwan University, Taipei, Taiwan

Professional Record:

2010-Present	Assistant Professor of Physical Therapy, University of Michigan-Flint
2010-Present	Coordinator of Neurologic Post-Professional Certificate and Residency Program, Department of Physical Therapy, University of Michigan-Flint
2007-Present	Clinical Physical Therapist, Saint Joseph Mercy Chelsea Hospital, Chelsea, Michigan
2002-2006	Research Mentor of Undergraduate Research Opportunity Program, School of Kinesiology, University of Michigan, Ann Arbor
2000-2001	Graduate Student Instructor, University of Michigan, Ann Arbor, MI School of Kinesiology
1992-1994	Clinical Physical Therapy Instructor, Shin Kong Memorial Hospital, Taipei, Taiwan
1992-1994	Clinical Physical Therapist, Shin Kong Memorial Hospital, Taipei, Taiwan

Summary of Evaluation:

Teaching – Professor Huang is an exceptional teacher. She offers well-designed and well-delivered courses, which have received positive evaluations from students and peers alike. She has established an outstanding record, both in the number and type of courses that she has taught. Furthermore, she has made substantial contributions to the Post-Professional Physical Therapy program with her extensive mentoring of students in the areas of research and clinical practice and by focusing on translating knowledge into practical skills. Most recently, she shepherded a neurologic physical therapy residency program through the accreditation process. Professor Huang is both an excellent teacher and an organized and competent administrator of the neurologic physical therapy residency program.

Research – Professor Huang has a strong record of scholarly work with rigorous investigation into two related lines of research: 1) balance impairment and fall risk, and 2) control of posture and balance in older adults, cancer survivors, and individuals with various neurologic conditions. Her research on balance and fall risk in cancer survivors is seminal and is advancing current assessment and treatment approaches in rehabilitation of this patient population. She received several research awards at the state level and was awarded travel grants to present her research at national conferences in geriatrics and regenerative medicine. Professor Huang's research record is considered exceptional by her peers when compared with others at the same stage of career development in her field.

Recent and Significant Publications:

Peer-Reviewed Journal Articles

- Fry, D. K., Huang, Min H., and Rodda, Becky J. (2015). "Predictors of Static Balance in Ambulatory Persons with Multiple Sclerosis." *International Journal of Rehabilitation Research*. doi:10.1097/mrr.000000000000142.
- Huang, Min H., Miller, Kara A., Smith, Kristin, Fredrickson, Kayle and Lytle, K. Tracy (2015). "Reliability, Validity, and Minimal Detectable Change of Balance Evaluation Systems Test and its Short Versions in Older Cancer Survivors: A Pilot Study." *Journal of Geriatric Physical Therapy*. doi:10.1519/jpt.000000000000047.
- Huang, Min H., Shilling, Tracy, Miller, Kara A., Smith, Kristin and LaVictoire, Kayle (2015). "History of Falls, Gait, Balance, and Fall Risks in Older Cancer Survivors Living in the Community." *Clinical Interventions in Aging*, 10: 1497-503.
- Fry, D. K., Huang, Min. H. and Rodda, Becky. J. (2015). "Core Muscle Strength and Endurance Measures in Ambulatory Persons with Multiple Sclerosis: Validity and Reliability." *International Journal of Rehabilitation Research*, 38.3: 206-12.
- Huang, Min H. and Brown, Susan H. (2015). "Effects of Task Context During Standing Reach on Postural Control in Young and Older Adults: A Pilot Study." *Gait Posture*, 41.1: 276-81.

Peer Reviewed Scientific and Professional Platform Presentation

- Doubek, Andrew, Righter, Austin, Bramble, Katherine, Selter, Thomas, Huang, Min H. and Suzuki, Rie. "Validity of Brief-BESTest in Community-Dwelling Older Adults." Michigan Physical Therapy Association Fall Conference, Thompsonville, Michigan, October 2015.

Peer Reviewed Scientific and Professional Poster Presentations

- Righter, Austin, Doubek, Andrew, Selter, Thomas, Bramble, Katherine, Huang, Min H. and Suzuki, Rie. "Relationships Between Brief-BESTest, ABC-6, and Life-Space in Older Adults." American Physical Therapy Association Combined Sections Meeting, Anaheim, California, February 2016. *(Accepted for Presentation)*
- Selter, Thomas, Bramble, Katherine, Doubek, Andrew, Righter, Austin, Huang, Min H. and Suzuki, Rie. "Impact of Falls and Concerns About Falls in Life-Space in Older Adults." American Physical Therapy Association Combined Sections Meeting, Anaheim, California, February 2016. *(Accepted for Presentation)*
- Newman, Kelly, Shilling, Tracy, Righter, Austin, Miller, Kara, Smith, Kristin, Fredrickson, Kayle and Huang, Min H. "The Characteristics of Center of Pressure During Dynamic Tasks Are Associated with Fall Risks in Older Adults." American Physical Therapy Association Combined Sections Meeting, Anaheim, California, February 2016. *(Accepted for Presentation)*
- Righter, Austin, Newman, Kelly, Shilling, Tracy, Miller, Kara, Smith, Kristin, Fredrickson, Kayle and Huang, Min H. "Smoothness of Center of Pressure Trajectories as a Measure of Dynamic Balance in Older Adults." American Physical Therapy Association Combined Sections Meeting, Anaheim, California, February 2016. *(Accepted for Presentation)*
- Bramble, Katherine, Selter, Thomas, Righter, Austin, Doubek, Andrew, Huang, Min H. and Suzuki, Rie. "Personal Factors, Physical Function, and Life-Space in Older Adults." American Physical Therapy Association Combined Sections Meeting, Anaheim, California, February 2016. *(Accepted for Presentation)*
- Doubek, Andrew, Righter, Austin, Bramble, Katherine, Selter, Thomas, Huang, Min H. and Suzuki, Rie. "Validity of Brief- BESTest in Community-Dwelling Older Adults." American Physical Therapy Association Combined Sections Meeting, Anaheim, California, February 2016. *(Accepted for Presentation)*
- Huang, Min H., Newman, Kelly, Shilling, Tracy, Righter, Austin and Miller, Kara. "Postural Parameters Associated with Anticipatory Postural Adjustments and During Movement Execution are Altered

in Older Adults with a History of Falls.” IV STEP Conference of Pediatrics and Neurology Sections of American Physical Therapy Association, Columbus, Ohio, July 2016. (*Accepted for Presentation*)

Peer Reviewed Scientific and Professional Conference Session Presentation

Huang, Min H., Pfalzer, Lucinda, Blackwood, Jennifer, Colon, Genevieve and Wampler-Kuhn, Meredith. “A Comprehensive Management of Balance Impairments and Fall Risks for Cancer Survivors.” American Physical Therapy Association Combined Sections Meeting, Anaheim, California, February 2016.

Abstracts Published in Peer Reviewed Journals/Journal Websites

- Huang, Min H., Newman, Kelly, Shilling, Tracy, Righter, Austin and Miller, Kara (2016). “Postural Parameters Associated with Anticipatory Postural Adjustments and During Movement Execution Are Altered in Older Adults with a History of Falls.” *Journal of Neurologic Physical Therapy*. IV STEP Conference of Pediatrics and Neurology Sections of American Physical Therapy Association, Columbus, Ohio. (*Accepted*)
- Righter, Austin, Doubek, Thomas, Selter, Andrew, Bramble, Katherine, Huang, Min H. and Suzuki, Rie (2016). “Relationships Between Brief-BESTest, ABC-6, and Life-Space in Older Adults.” *Journal of Geriatric Physical Therapy*. American Physical Therapy Association Combined Sections Meeting, Anaheim, California. (*Accepted*)
- Selter, Thomas, Bramble, Katherine, Doubek, Andrew, Righter, Austin, Huang, Min H. and Suzuki, Rie, (2016): “Impact of Falls and Concerns About Falls in Life-Space in Older Adults.” *Journal of Geriatric Physical Therapy*. American Physical Therapy Association Combined Sections Meeting, Anaheim, California. (*Accepted*)
- Newman, Kelly, Shilling, Tracy, Righter, Austin, Miller, Kara, Smith, Kristin, Fredrickson, Kayle and Huang, Min H. (2016). “The Characteristics of Center of Pressure During Dynamic Tasks Are Associated with Fall Risks in Older Adults.” *Journal of Neurologic Physical Therapy*. American Physical Therapy Association Combined Sections Meeting, Anaheim, California. (*Accepted*)
- Righter, Austin, Newman, Kelly, Shilling, Tracy, Miller, Kara, Smith, Kristin, Fredrickson, Kayle and Huang, Min H. (2016). “Smoothness of Center of Pressure Trajectories as a Measure of Dynamic Balance in Older Adults.” *Journal of Neurologic Physical Therapy*. American Physical Therapy Association Combined Sections Meeting, Anaheim, California. (*Accepted*)
- Bramble, Katherine, Selter, Thomas, Righter, Austin, Doubek, Andrew, Huang, Min H. and Suzuki, Rie (2016). “Personal Factors, Physical Function, and Life-Space in Older Adults.” *Journal of Geriatric Physical Therapy*. American Physical Therapy Association Combined Sections Meeting, Anaheim, California. (*Accepted*)
- Doubek, Andrew, Righter, Austin, Bramble, Katherine, Selter, Thomas, Huang, Min H. and Suzuki, Rie (2016). *Journal of Geriatric Physical Therapy*. “Validity of Brief- BESTest in Community-Dwelling Older Adults.” American Physical Therapy Association Combined Sections Meeting, Anaheim, California. (*Accepted*)

Service – Professor Huang made significant service contributions to the community, profession, and university. Her community service has focused on supervision of students in a student-run pro-bono physical therapy clinic and supervision of students in fall risk screening events. Through her teaching, she has also had significant community service impact by supervising student service learning projects in a retirement living facility where students provide health education and programming to reduce fall risk. In her profession, Professor Huang has served as an item writer for the American Board of Physical Therapy Specialists exams and has chaired the Breast Cancer Task Force for the American Physical Therapy Association Oncology Section. Within the university, Professor Huang has served on committees at all levels, chairing several.

External Reviewers:

Reviewer (A): “In 2011, she completed her board certification by the American Board of Physical Therapy Specialists as a Neurologic Clinical Specialist. This is highly commendable considering the number of clinical hours in her specialty area she was required to demonstrate, while simultaneously working as an Assistant Professor, teaching, researching, and providing service on many levels. Attaining board certification in the area of neurology is highly commendable! To attain this level of practice as a full time academician is true scholarship that is unrecognized in most areas of academia.”

Reviewer (B): “I am extremely impressed given all of the *other* responsibilities that she balances. Her work is mostly scholarship of discovery with some scholarship of integration. This balance is uncommon for institutions that value teaching more than scholarship. With respect to quality, she has published in peer-reviewed journals with respectable impact factors. In terms of quantity, she has established a fruitful agenda that has results in approximately one publication per year during the first half of her probation and increased to four publications in 2015 alone. Her foci include balance and performance of older adults with select diagnoses including cancer. Her work is clinically relevant and can be easily translated into practice, which is perhaps the highest compliment. In addition, some of her past work and much of her future work involves students, which is a high impact practice and deserves more recognition. Overall, her individual scholarship would exceed that which is required by our accrediting body, the Commission on Accreditation in Physical Therapy Education (CAPTE).”

Reviewer (C): “Dr. Huang’s publications are impressive in quality, quantity, focus and impact. Her research is clinically important with direct application to physical therapy patient care.”

Reviewer (D): “Professor Huang is a very productive faculty member who has done a lot of scholarship compared to other peers in the same field. Her research is very thorough and involves specific instrumentation that is not available to many researchers. Her focus is on questions that are seen clinically but are difficult to examine objectively without the equipment that she uses for her investigations... .. Professor Huang has an impressive scholarly record for someone who has only been in academia for a short period of time.”

Reviewer (E): “Several of these publications are related to the creation of new knowledge on the importance of assessment of balance in individuals treated for cancer. These publications are of high quality and make a significant contribution to assessment of an often missed impairment in the oncology rehabilitation population. One publication in particular, *History of falls, balance performance, and quality of life in older cancer survivors...* ...is important to our field because it identifies falls as a significant problem in survivors of cancer and shows those reporting poor quality of life with regards to physical function are at a higher risk for falls... .. Professor Huang is leading the way with regards to understanding balance deficits in individuals treated for cancer in relation to others in her peer group working in oncology rehabilitation.”

Reviewer (F): “I am thoroughly impressed with Dr. Huang’s scholarly contributions to the field of physical therapy and rehabilitation, both the quality & quantity of her work are notable... .. The focus of her research is balance, which she shares with thousands of other researchers; however her special interest in balance in those with cancer and her work studying the changes in anticipatory postural control in older adults are unique and potentially impactful in the rehabilitation field.”

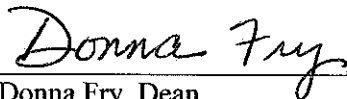
Reviewer (G): “The quality of Professor Huang’s work is strong. The quantity of the writings is above average for an Assistant Professor in the Rehabilitation Sciences who graduated in 2009... .. The work that Professor Huang has completed in the investigation of balance in cancer survivors has impacted the

field significantly in the evaluation and assessment of cancer related side effects, such as chemotherapy induced peripheral neuropathy, steroidal myopathy, and general muscle weakness.”

Summary of Recommendation:

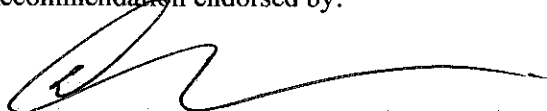
Professor Huang is a strong researcher and teacher. I fully concur with the Promotion and Tenure Review Committee and the director of the Department of Physical Therapy and enthusiastically recommend that Min-Hui Huang be promoted to associate professor of physical therapy, with tenure, Department of Physical Therapy, School of Health Professions and Studies.

Recommended by:

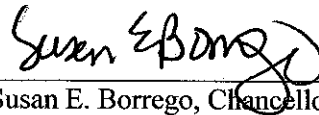


Donna Fry, Dean
School of Health Professions and Studies

Recommendation endorsed by:



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



Susan E. Borrego, Chancellor
University of Michigan-Flint

May 2016