Approved by the Regents
May 19, 2022

PROMOTION RECOMMENDATION
The University of Michigan-Flint
College of Health Sciences
Department of Physical Therapy

Min-Hui Huang, associate professor of physical therapy, with tenure, Department of Physical Therapy, College of Health Sciences, is recommended for promotion to professor of physical therapy, with tenure, Department of Physical Therapy, College of Health Sciences.

Academic Degrees:

Ph.D.	2009	University of Michigan, Movement Science, Ann Arbor, Michigan
Ed.M.	2000	Columbia University, Biobehavioral Sciences, New York, New York
M.A.	1999	Columbia University, Biobehavioral Sciences, New York, New York
B.S.	1992	National Taiwan University, Physical Therapy, Taipei, Taiwan

Professional Record:

2016 – Present	Associate Professor (Tenured), Department of Physical Therapy, University of Michigan-Flint
2010 – 2016	Assistant Professor, Department of Physical Therapy, University of Michigan-Flint
2010 – 2016	Coordinator of Neurologic Residency Program, Department of Physical Therapy, University of Michigan-Flint
2002 – 2006	Research Mentor of Undergraduate Research Opportunity Program, University of Michigan
2005 – 2005	Product Testing and Research Consultant, John Abdo Fitness Inc, Ann Arbor, Michigan
2000 – 2005	Research Assistant at Motor Control Laboratory, School of Kinesiology, University of Michigan
2000 – 2001	Graduate Student Instructor, School of Kinesiology, University of Michigan

Summary of Evaluation:

Teaching: Since her promotion to associate professor, Professor Huang taught 14 distinct courses (some were independent studies) at the graduate level in physical therapy in both face-to-face and online courses. She has served as an academic advisor to approximately 15 students per year, faculty mentor to eight students per year, and served on dissertation committees for five students, chairing one. Her student course evaluations range from very good to excellent. Professor Huang's courses are organized well and she is highly responsive to student queries outside of class hours. Professor Huang is a highly versatile and extremely capable teacher utilizing a wide variety of teaching methods to actively engage students in learning, both on campus and online. She uses clinical case examples in class and requires students to research the scientific evidence to support their clinical decision making.

Professor Huang has designed new courses, participated in department-wide curricular restructuring, and developed a full residency curriculum. Her strong teaching skills and expertise in research methods and neurologic physical therapy enable Professor Huang to provide excellent mentorship for PhD students and students in the professional Doctor of Physical Therapy program who pursue research projects. Physical therapy students mentored by Professor Huang have won state and

national awards through the Michigan and American Physical Therapy Associations for their research presentations. Professor Huang clearly satisfies our criteria for promotion with respect to her teaching.

Research: Professor Huang's research has focused on geriatric, oncologic, and neurologic wellness and rehabilitation. She completed several large studies since promotion to associate professor and has published numerous articles in top physical therapy and rehabilitation journals with grant support from the Michigan Health Endowment Fund and the National Multiple Sclerosis Society. Her research in oncologic physical therapy identified additional common post-cancer mobility deficits in cancer survivors. Professor Huang's research in persons with advanced multiple sclerosis validated a treatment approach to enhance respiratory function. Finally, her research with the geriatric population is designed to improve postural stability and reduce risk of falls through participation in an online exercise program. Professor Huang's research addresses highly relevant topics with opportunities for immediate implementation of the results. She is an excellent researcher who engages students in her research so that she may provide them with necessary research mentorship. Professor Huang excels in research and clearly satisfies our criteria for promotion with respect to her scholarship.

Recent and Significant Publications

Huang M, Doyle L, Burnham A, Fry D, Shea K. Factors associated with outcomes of resistive inspiratory muscle training in non-ambulatory persons with advanced multiple sclerosis. *Multiple Sclerosis Journal – Experimental, Translational and Clinical*. Accepted October 22, 2021. doi: 10.1177/20552173211058862.

Blackwood J, Rybicki K, Huang M. Mobility measures in older cancer survivors: an examination of reliability and minimal detectable change. *Rehabilitation Oncology*. 2021;39(2):74-80.

Blackwood J, Rybicki K, Huang M. Cognitive measures in older cancer survivors: an examination of validity, reliability, and minimal detectable change. *Journal of Geriatric Oncology*. 2021;12(1):146-151.

Huang MH, Burnham A, Doyle L, Fry D, Wiske L, Kolanda M, Khitrik E, Goode J, Smith H, Shea K, Houston N. Effects of resistive inspiratory exercise on activity participation, fatigue, and respiratory infections in persons with advanced multiple sclerosis living in a long-term care facility. *Journal of Nursing Home Research Sciences*. 2020;6:78-81.

Blackwood J, Karczewski H, Huang M, Pfalzer L. Katz activities of daily living disability in older cancer survivors by age, stage, and cancer type. *Journal of Cancer Survivorship*. 2020;14(6):769-778.

Huang MH, Fry D, Doyle L, Burnham A, Houston N, Shea K, Smith H, Wiske L, Goode J, Khitrikc E, Kolandac M. Effects of inspiratory muscle training in advanced multiple sclerosis. *Multiple Sclerosis and Related Disorders*. 2020;37: 101492.

Huang MH, Hile E, Croarkin E, Wampler-Kuhn M, Blackwood J, Colon G, et al. Academy of Oncologic Physical Therapy EDGE Task Force: a systematic review of measures of balance in adult cancer survivors. *Rehabilitation Oncology*. 2019;37(3):92-103.

Huang MH, Blackwood J, Godoshian M, Pfalzer L. Predictors of falls in older survivors of breast and prostate cancer: A retrospective cohort study of Surveillance, Epidemiology and End Results–Medicare Health Outcomes Survey linkage. *Journal of Geriatric Oncology*. 2019;10(1):89-97.

Huang MH, Blackwood J, Godoshian M, Pfalzer L. Factors associated with self reported falls, balance or walking difficulty in older survivors of breast, colorectal, lung, or prostate cancer:

results from surveillance, epidemiology, and end results-Medicare Health Outcomes Survey linkage. *PLoS One*. 2018;13(12):e0208573.
Huang MH, Blackwood J, Godoshian M, Pfalzer L. Prevalence of self-reported falls, balance or walking problems in older cancer survivors from Surveillance, Epidemiology and End Results—Medicare Health Outcomes Survey. *Journal of Geriatric Oncology*. 2017;8(4): 255-261.
Huang MH, Righter A, Shilling T. Self-reported balance confidence relates to perceived mobility limitations in older cancer survivors. *Rehabilitation Oncology*. 2016;34(2):64-71.
Huang MH*, Timmes S. Preliminary validation of a short version of the Balance Evaluation Systems Test in cancer survivors living in the community. *Rehabilitation Oncology*. 2016;34(2):57-63.

Service: Professor Huang has integrated her research agenda with her service work in serving at the national level in the American Physical Therapy Association working to establish clinical guidelines in oncology rehabilitation. She has served in numerous leadership roles in both the Michigan and American Physical Therapy Associations. Her service in the community led to the establishment of a fall risk prevention program at a senior center in Alpena, Michigan that was delivered virtually to rural seniors during the COVID pandemic. Professor Huang has served with distinction on university committees including the Scholarships, Awards, and Special Events Committee; Office of Extended Learning Advisory Committee; and Higher Learning Re-accreditation Committee. She is currently serving on the Faculty Senate Council. Professor Huang clearly satisfies our criteria for promotion with respect to her service.

External Reviewers:
Reviewer A: "She is an excellent researcher, regardless of the types of variables that she is working with. I am also thrilled to see that some of Dr. Huang's studies are focused on the effectiveness of physical therapy interventions."

Reviewer B: "She was invited to serve on the EDGE task force and served as Chair, a high honor that is only afforded to those individuals who have an excellent command of the scholarship and its relationship to practice. She routinely collaborates with colleagues, which attests to the respect she has from colleagues and her ability to lead a team while producing excellent scholarship. She has been recognized for outstanding research by the Oncology Section of the American Physical Therapy Association."

Reviewer C: "Outstanding scholarship in the area of cancer rehabilitation has been recognized by peers. Dr. Huang has received two recent awards for scholarship, namely the Blue Ribbon Award in 2020 from the American Physical Therapy Association (APTA) Health Policy and Administration Section and the Research Award in 2018 from the Academy of Oncologic Physical Therapy of the APTA."

Reviewer D: "While much is known about balance and falls in older adults, individuals with cancer are studied much less frequently. The same can be said of respiratory muscle training in multiple sclerosis. Dr. Huang's research fills gaps in the literature that are crucial to providing optimal treatment for these patient populations."

Reviewer E: "Dr. Huang and colleagues have shown that patients have positive changes in both respiratory muscle strength and social participation, a very interesting and helpful finding that is

likely to encourage clinicians to consider adding this beneficial treatment to their plans of care for people with advanced MS."

Reviewer F: "Eleven of the 12 publications included student authors. This is very promising in that Dr. Huang is dedicated to training and modeling junior scholars and is very admirable."

Summary of Recommendations:
Professor Huang is an exceptional researcher and teacher. It is with the support of the College of Health Sciences Executive Committee that I recommend that Min Hui Huang for promotion to professor of physical therapy, with tenure, Department of Physical Therapy, College of Health Sciences.

Recommended by:

Donna Fry

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Donna Fry, Dean
College of Health Sciences

Recommendation endorsed by:

Sonja Feist-Price

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Sonja Feist-Price, Provost and
Vice Chancellor for Academic Affairs

Deba Dutta

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Debasish Dutta, Chancellor
University of Michigan-Flint

May 2022