

PROMOTION RECOMMENDATION
The University of Michigan
School of Nursing

Janis M. Miller, associate professor of nursing, with tenure, School of Nursing, is recommended for promotion to professor of nursing, with tenure, School of Nursing [also being promoted to research professor, Department of Obstetrics and Gynecology, Medical School].

Academic Degrees:

PhD	1996	University of Michigan, Nursing, Ann Arbor, MI
MSN	1987	Loyola University of Chicago, Chicago, IL
BSN	1981	Goshen College, Goshen, IN

Professional Record:

2011 – Present	Associate Professor, School of Nursing, University of Michigan
2011 – Present	Research Associate Professor, Department of Obstetrics and Gynecology, Medical School, University of Michigan
2007 – 2011	Assistant Professor, School of Nursing, University of Michigan
2006 – 2007	Associate Research Scientist, School of Nursing, University of Michigan
2006 – 2006	Lecturer, School of Nursing, University of Michigan
2004 – 2011	Research Assistant Professor, Medical School, University of Michigan
2000 – 2007	Assistant Research Scientist, School of Nursing, University of Michigan
1999 – 2003	Research Investigator, Department of Obstetrics and Gynecology, Medical School, University of Michigan
1998 – 1999	Lecturer, School of Nursing, University of Michigan
1996 – 1999	Post-Doctoral Research Fellow, Institute of Gerontology, University of Michigan
1988 – 1990	Instructor, School of Nursing, University of Louisville

Summary of Evaluation:

Teaching:

Professor Miller has a significant record of teaching and has made important contributions to the teaching mission of the School of Nursing at the master's and doctoral levels. Since 2011, Professor Miller has taught N603 (Data Management), N502 (Advanced Physiology and Physiology and Pathophysiology), and N831 (Design, Methods and Analysis II). Professor Miller has provided traditional and interdisciplinary mentoring to a range of learners including doctor of philosophy (PhD) students, doctorate of nursing practice students, master's and undergraduate students, visiting international scholars, post-doctoral research fellows and junior faculty. She has mentored or co-mentored students by engaging them in her research and facilitating publications. She is currently the dissertation advisor for three PhD students. Since 2011 she has mentored or co-mentored five international visiting scholars. This evidence suggests that Professor Miller is a strong and effective teacher.

Research:

Professor Miller has established a focused and productive program of research that is advancing knowledge and has changed practice. Her program of research focuses on understanding the underlying mechanisms and designing/testing potential interventions for pelvic floor disorders including incontinence, pelvic organ prolapse and birth-related injury. Her focus has been on the use of non-surgical interventions including behavioral and pelvic floor therapies such as the “Knack Maneuver,” a technique she developed and widely taught to prevent stress incontinence. Part of Professor Miller’s success is related to her ability to bring together her clinical expertise, scientific knowledge and a pragmatic approach to address clinical problems. The other part to her success has been her active membership in the Pelvic Floor Research Group at the University of Michigan; a strong interdisciplinary team of investigators who have made significant contributions to the understanding of pelvic floor disorders.

The quality of Professor Miller’s research is excellent as evidenced by peer review. Her work stands up to the highest level of peer review, the Center for Scientific Review at National Institutes of Health (NIH). She is regularly funded by the NIH and demonstrates a steady trajectory of increasing funding. Professor Miller served as a co-investigator (Co-I) on multiple other NIH sponsored projects. She regularly and broadly disseminates her research in peer-reviewed publications. Professor Miller has published 56 peer-reviewed research articles (13 manuscripts, six as first or senior author since 2011). Her many publications as a co-author reflect her long-term collaborations with established teams and her ability to invest her effort in the collective. She received the Editor’s Choice Manuscript Award from the *American Journal of Obstetrics & Gynecology* in 2015; the American Urogynecological Society Best Clinical/Evaluation/Testing Paper Award in 2012; and the American Urogynecological Society Best Clinical Paper Award in 2010. Professor Miller publishes her work in highly respected journals in both the nursing field and interdisciplinary including the *American Journal of Obstetrics and Gynecology*, *Ultrasound in Obstetrics and Gynecology*, published twice in *Neurourology and Urodynamics*, and three times in the *Journal of International Urogynecology*. She has also published in the best nursing journals, *Nursing Research*.

Professor Miller is nationally and internationally known for her science in women’s health and more specifically urinary continence. She has presented multiple, invited keynote addresses internationally, and presented multiple peer reviewed papers at regional and national conferences. She received the Editor’s Choice manuscript in 2015 from the *American Journal of Obstetrics and Gynecology* for her first authored paper on “Evaluating maternal recovery from labor and delivery: bone and levator ani injuries.” She was inducted as a fellow in the American Academy of Nursing in 2012, an honor given to nurses making an important contribution to their field.

Recent and Significant Publications:

Miller, J., Low, L., Zielinski, R., Smith, A., DeLancey, J., Brandon, C. (2015). Evaluating material recovery from labor and delivery: bone and levator ani injuries. *American Journal of Obstetrics & Gynecology*. AJOG 2015; May 5. doi: 10.1016/j.ajog.2015.05.001.

Ashton-Miller, J., Zielinski, R., Miller, J., DeLancey, J. (2014). Validity and reliability of an instrumented speculum designed to minimize the effect of intra-abdominal pressure on

- the measurement of pelvic floor muscle strength. *Clin Biomech.* 2014; 29(10): 1146-50.
- Zielinski, R., Miller, J., Low, L., Sampsel, C., Delancey, J. (2012). The relationship between pelvic organ prolapse, genital body image, and sexual health. *Neurourol Urodyn.* 2012; 31(7): 1145-8.
- Miller, J., Guo, Y.S., Becker-Rodseth, S. (2011). Cluster analysis of intake, output, and voiding habits collected from diary data. *Nurs Res.* 2011; 60(2): 115-123.
- Berger, M., Patel, D., Miller, J., DeLancey, J., Fenner, D. (2011). Racial differences in self-reported healthcare seeking and treatment for urinary incontinence in community-dwelling women from the EPI study. *Neurourol Urodyn.* 2011; 30(8): 1442-7.

Service:

Professor Miller is engaged in service to the university, school, community and the profession, and contributes service to global health. In her clinical practice as a nurse practitioner, Professor Miller draws on her particular expertise, seeing patients at the Taubman Obstetrics and Gynecology pelvic floor specialty clinic, which includes the Michigan Healthy Healing after Delivery Program. She has served on committees for the university and for the University of Michigan Health System, including the Senate Assembly as a substitute member, Nursing Research Scope Requirements for MiChart Committee and the Vice Provost Committee on Team Science. She has served on multiple committees in the school including the bylaws revisions committee, the new building research space project design team and she currently serves on the School of Nursing Executive Committee.

Professor Miller currently contributes 10% of her effort in clinical care as a provider in a multidisciplinary pelvic floor team. Professor Miller contributed a significant amount of service to global health through her leadership in launching a multidisciplinary Center of Excellence for Training and Research in the Democratic Republic of Congo. Professor Miller is active in professional organizations and she contributes to the profession in multiple ways. She is a member of 12 professional organizations; she is a peer reviewer for manuscripts for 14 journals including the *Western Journal of Nursing Research*, *Journal of Urology*, *Neurourology and Urodynamics* and the *International Journal of Gynecology and Obstetrics*. She regularly reviews abstracts for the Midwest Nursing Research Society and she served as an ad hoc reviewer on three review panels at NIH Center for Scientific Review.

External Reviewers:

Reviewer A: “[Professor] Miller is a nationally and internationally recognized expert in the field of pelvic floor disorders, with a focus on incontinence and prolapse... Her work is substantive and has had a significant impact on the field... [Professor] Miller is a creative and dedicated investigator with a strong commitment to pursuing new knowledge in the field of pelvic floor disorders.”

Reviewer B: “[Professor] Miller brings a fusion of clinical expertise and wisdom and nursing science to her role as a distinguished researcher who models the benefits of interprofessional and interdisciplinary investigative team science. The questions she raises are clear, focused, and amenable to answers that will inform care.”

Reviewer C: “[Professor] Miller’s total dossier represents a mature scientist who has been consistently externally funded, receives significant and prestigious internal awards, publishes as first and senior author in a range of journals representing the various disciplines that comprise her work, supports graduate and undergraduate student research from nursing and medical specialties, and provides significant professional service both within and external to the university.”

Reviewer D: “[Professor] Miller has a sustained collaborative program of research which is impacting practice in women’s health. Moreover, she is mentoring the next generation of researchers in the field of non-surgical treatment of pelvic organ prolapse or incontinence and is making a profound impact on research in a war torn African country.”

Reviewer E: “[Professor] Miller is one of our nation’s leading nurse researchers in the areas of risk factors and non-surgical treatment of pelvic organ prolapse and urinary incontinence. She has been a vital part of the University of Michigan’s interdisciplinary Pelvic Floor Research Group adding new areas of investigation such as recovery from childbirth injuries, beverage consumption practices as a risk factor for urinary incontinence, genital body image, use of the Knack maneuver as intervention for incontinence, and factors associated with a healthy bladder. She has a strong track record of successful grantsmanship, with continuous research funding...”

Summary of Recommendation:

Professor Miller is recognized as a highly a prominent and productive scientist who has made significant contributions in working to improve the understanding and treatment of pelvic floor disorders. She is successful as an independent researcher and as a key collaborator whose program of research focuses on the treatment of pelvic floor disorders in women, such as pelvic organ prolapse or incontinence, and in investigating the underlying causative factors. Her work has achieved national and international notice. Professor Miller has a solid record of academic, professional and community service. She is an admirable teacher and mentor. It is with the support of the respective Executive Committees that we recommend Janis M. Miller for promotion to professor of nursing, with tenure, School of Nursing.


Kathleen Potempa
Dean, School of Nursing

May 2016