

PROMOTION RECOMMENDATION
The University of Michigan-Flint
School of Nursing

Megan M. Keiser, assistant professor of nursing, School of Nursing, is recommended for promotion to associate professor of nursing, with tenure, School of Nursing.

Academic Degrees:

D.N.P.	2012	Wayne State University, Nursing, Detroit, Michigan
M.S.N.	1990	University of Michigan, Medical-Surgical Nursing, Ann Arbor, Michigan
B.S.N.	1986	University of Michigan, Nursing, Ann Arbor, Michigan

Professional Record:

2017-present	Director of Undergraduate Nursing Affairs, School of Nursing, University of Michigan-Flint, Flint, Michigan
2013-present	Assistant Professor of Nursing, School of Nursing, University of Michigan-Flint, Flint, Michigan
2001-present	Neurosurgery Nurse Practitioner, William Beaumont Hospital, Royal Oak, Michigan

Summary of Evaluation:

Teaching: Professor Keiser's formal academic preparation, specialty certifications, and extensive clinical practice experience, especially her expertise in neurosurgery, make her an exceptionally well-prepared didactic and clinical teacher. Professor Keiser's ability to explain complex concepts from neuroscience, pathophysiology, and medical-surgical nursing in an organized, logical, understandable manner, regardless of the age or educational background of her students.

Professor Keiser has earned a high level of respect from both undergraduate and graduate students, faculty, colleagues in nursing and other disciplines, and staff, especially those in the SON Simulation Center who work closely with her in implementing a variety of simulated learning scenarios using human patient simulators. Her course evaluations are consistently excellent, and she was nominated for the Lois Matz Rosen Junior Faculty Excellence in Teaching Award in 2016, 2017, and 2018. She received Honorable Mention for the Provost Teaching Innovation Prize for her submission titled "Utilization of an Autopsy Observation as a Learning Experience for Pathophysiology," and she was awarded a Course Design Fellowship from the Thompson Center for Learning and Teaching in 2015. She was also designated as a Healthcare Simulation Fellow in 2016 by the International Nursing Association for Clinical Simulation and Learning (INACSL) and CAE Healthcare. Professor Keiser was awarded a summer teaching fellowship in 2015 and a University of Michigan Faculty Research and Creative Activity (RCA) grant titled "Improving Communication and Teamwork in Community Health: The Use of Standardized Patient Simulation and Tele-Health for an Interprofessional Home-Based Evaluation with Nursing and Physical Therapy Students" in 2017-2018 to study the use of a telehealth robot for a home-based interprofessional simulation. Professor Keiser was a member of four interprofessional teams of faculty from the School of Health Professions and Studies (SHPS), and her team was awarded funding for research on the use of simulated learning/teaching to prepare health professions students for interprofessional education, cross-disciplinary communication, teambuilding, and collaborative clinical practice.

Research: Professor Keiser's scholarship is focused on the following areas: 1) neuroscience with an emphasis on neurotrauma injury prevention and management and 2) the use of innovative interprofessional strategies to educate advanced practice nursing students through clinical simulation. She is nationally recognized for her scholarship and expertise in neuroscience, and she is rapidly gaining recognition as an

expert in interprofessional and clinical simulation for advanced practice and other nurses. Professor Keiser's scholarship correlates with her teaching (medical-surgical courses with neuroscience components) and service responsibilities as a practicing neurosurgical nurse practitioner in acute care and as the elected [past] president of the American Association of Neuroscience Nurses (AANN, 2014-2015).

Professor Keiser has 11 publications to her credit, including six peer-reviewed publications, one book chapter, and two works in press (one manuscript for a peer-reviewed journal and one book chapter). Over the span of her career, Professor Keiser has contributed to 30 peer-reviewed and 21 invited presentations. Professor has been awarded >\$100,000 in internal and external funding to support her research, including a \$20,000 interprofessional grant from SHPS for her research titled "Distracted Driving Prevention Program for Undergraduate College Students" that utilized a distracted driving simulator and was performed in collaboration with faculty colleagues. Her research projects align seamlessly with her research agenda, which addresses the prevention and management of neurologic injury.

Recent and Significant Publications:

- Keiser, M., and Turkelson, C. (2018). Opportunities and advantages with virtual technology integration. In R. Gordon and D. McGonigle (Eds.). Virtual Simulation in Nursing Education. New York: Springer Publishing.
- Turkelson, C., Keiser, M., Smith, L., & Yorke, A. (2018). Piloting a multifaceted interprofessional education program to improve physical therapy and nursing students' teamwork skills. *Journal of Acute Care Physical Therapy*, in press.
- Smith, L., Keiser, M., Turkelson, C., Yorke, A., Berg, K., & Sachs, B. (2018). Simulated interprofessional education discharge planning meeting to improve skills necessary for effective interprofessional practice. *Professional Case Management*, 23(2), 75-83.
- McNett, M., Keiser, M., Douglas, H., & McNair, N. (2018). Reflections on 50 years of neuroscience nursing: Publication trends in neurotrauma. *Journal of Neuroscience Nursing*, 50(2), 58-61.

Service: Professor Keiser has contributed laudable service to the SON, the university at large, the nursing profession, and the community. She has served on six university committees, including the Committee on the Economic Status of the Faculty; Scholarships, Awards, and Special Events Committee; and the Chancellor's Advisory Committee for Budget and Strategic Planning. In 2014 and 2015, Professor Keiser was a New Faculty Orientation panel member; in 2016, she was a member of the Faculty Search Committee for the director of the future occupational therapy program; she was a member of the SHPS Academic Standards Committee from 2015-2016; and she served on one of the Higher Learning Commission workgroups from 2017 to the present.

Professor Keiser's service to the profession includes multiple leadership positions within the AANN, including secretary-treasurer from 2009-2012, president-elect from 2013-2014, president from 2014-2015, and immediate past president from 2015-2016. She has also served on the manuscript review committee for the *Journal of Neuroscience Nursing*. Professor Keiser's contributions to the Pi Delta Chapter of Sigma Theta Tau International Honor Society of Nursing include serving on the Board of Directors, Governance Committee, and delivering a keynote presentation for the 2015 induction ceremony. Professor Keiser has been able to combine her experience in the neurosciences with her research agenda by providing service in the area of concussion. She has volunteered at concussion pre-screening events and has provided concussion prevention education to high school students and staff in Oakland and Genesee Counties. She has been asked by Think First (www.thinkfirst.org), a national head and spinal cord injury prevention program, to perform a validation study on a new program that they have developed called "Think First about Concussion." Professor Keiser has made "the education of our youth to prevent concussion" among her top service priorities.

External Reviewers:

Reviewer (A): “Professor Keiser’s professional work is indeed impressive. She has demonstrated a long-standing contribution to the nursing profession through her numerous scholarly endeavors ... and has produced an abundant amount of scholarly work.”

Reviewer (B): “I have found Dr. Keiser’s work to be of excellent quality and a good quantity. ... I certainly can see ... that Dr. Keiser is an established and well-respected researcher. She has definitely contributed to the simulation arena and has provided excellent scholarship.”

Reviewer (C): “There is a dearth of publications linking simulation to improved patient outcomes. If Professor Keiser continues to explore simulation and outcomes, she will move science forward.”

Reviewer (D): “...the candidate...demonstrates consistent growth and dedication in many areas... All of the articles were pertinent to clinical practice.”

Reviewer (E): “she has established notoriety in neuro-trauma injury prevention and management. ...[and found her scholarly work to be]... of high quality and solid quantity ... and commensurate with the rank of Associate Professor with tenure.”

Summary of Recommendations:

Professor Keiser is a gifted teacher, committed researcher, expert clinician, and a national leader and scholar in neuroscience nursing. She is nationally sought after for her expertise in neuroscience and has a longstanding track record of leadership and service in head and spinal cord injury prevention. She helps students to think critically, use clinical reasoning, and apply scientific concepts, theories, and research to plan, implement, and evaluate patient care.

On recommendation of the members of Professor Keiser’s SON Promotion and Tenure Review Committee and the elected members of the SON Executive Committee, I highly recommend Megan M. Keiser for promotion to associate professor of nursing, with tenure, School of Nursing.

Recommended by:

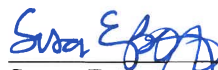


Margaret M. Andrews, Dean and Professor
School of Nursing

Recommendation endorsed by:



Susan E. Alcock, Interim Provost and
Vice Chancellor for Academic Affairs



Susan E. Borrego, Chancellor
University of Michigan-Flint

May 2019