

PROMOTION RECOMMENDATION
The University of Michigan
School of Nursing

Lisa K. Low, assistant professor of nursing, School of Nursing, and assistant professor of women's studies, College of Literature, Science, and the Arts, is recommended for promotion to associate professor of nursing, with tenure, School of Nursing, and associate professor of women's studies, without tenure, College of Literature, Science, and the Arts.

Academic Degrees:

PhD	2001	University of Michigan, Ann Arbor, MI
MS	1987	University of Illinois at Chicago, Chicago, IL
BS	1984	University of Michigan, Ann Arbor, MI

Professional Record:

2006 – Present	Assistant Professor, School of Nursing, University of Michigan
2006 – Present	Assistant Professor, College of Literature, Science, and the Arts, University of Michigan
2005 – 2006	Research Assistant Professor, School of Nursing, University of Michigan
2004 – Present	Adjunct Lecturer, School of Medicine, University of Michigan
2003 – 2005	Assistant Research Scientist, School of Nursing, University of Michigan
2001 – 2006	Lecturer, College of Literature, Science, and the Arts, University of Michigan
2001 – 2003	Post-doctoral Fellowship/Research Investigator, Institute for Research on Women And Gender, University of Michigan
2000 – 2004	Lecturer, School of Medicine, University of Michigan
1996 – 1998	Course Coordinator, Frontier School of Midwifery and Family Nursing
1990 – 1996	Lecturer, School of Nursing, University of Michigan

Summary of Evaluation:

Teaching: Professor Low is an admirable teacher who has been recognized for her teaching with excellence in teaching awards at the undergraduate and graduate levels. She has taught a variety of courses in the School of Nursing, including nurse midwifery courses, core masters courses, and doctoral concentration courses; and with LSA Women's Studies, including undergraduate women's health and service learning courses in Honduras. She has successfully taught a variety of class sizes, including seminars and large classes with increasing enrollments. Her student evaluations are consistently positive with the majority in the highest quartile for the university. But her excellence in teaching goes well beyond the classroom. She is a hands on educator who advocates service learning experiences for students to apply what they learn in the real world. She has designed innovative programming for such experiences and has herself led health experiences with students abroad.

Professor Low regularly mentors students in their research including undergraduate research experiences, master's research projects and doctoral dissertations. She has supervised the research of 17 PhD students, 11 Master's students, and 12 undergraduate (nine of whom completed honor's theses). She has served on doctoral student committees in the School of Nursing, and across campus in the LSA Departments of Sociology, Psychology and Psychology/Women's Studies, including as co-chair of one successfully defended dissertation committee, and currently as chair of one

dissertation and one preliminary examination committee. In addition, Professor Low has mentored students working toward their graduate certificate in the LSA Department of Women's Studies program as well as international students from Turkey, Taiwan and the Netherlands. Professor Low has co-authored publications with many of the students she has mentored.

Professor Low has made significant contributions to development of curriculum in the School of Nursing and LSA Department of Women's Studies. She was selected to be the division representative on the School of Nursing curriculum committee and on the Master's Essentials Review and Alignment Committee because of her ability to thoughtfully and capably advance our educational mission. In LSA Women's Studies, Professor Low has provided leadership in the development of the Gender and Health minor through her service on the curriculum committee for undergraduate education and teaching women's health courses.

Research: Professor Low has established a program of research and scholarship focused on labor care practices that promote optimal health outcomes, including second stage management in labor associated perineal and pelvic floor outcomes and work with the Optimality Index. She is focused on advancing the state of the science related to labor care practices that support physiological birth while reducing untoward complications and reducing the need for surgical birth by focusing on three integrated areas of practice: 1) labor care during 2nd stage, 2) labor care practices to prevent primary pulmonary Hypertension (PPH) in low resource settings, and 3) labor care practices that promote optimal health outcomes for marginalized populations of childbearing women. She has pursued a consistent question regarding how the system of care provided contributes to the increased risks experienced for selected outcomes by disrupting physiological birth. Professor Low's research and scholarship are focused in an area of significance for promotion of healthy physiologic births.

Since 2006, Professor Low has published a total of 30 manuscripts, 23 data-based, and 10 as first or senior author. Her publication productivity has increased over time during her appointment. Professor Low's major emphasis and contribution is in 'team science' as a highly valued collaborating scientist. She has contributed successfully to three NIH grants, including a P20, P30 and an R03 [for which she is the principal investigator (PI)]. In addition, Professor Low is an active member of a larger research team focused on pelvic floor dysfunction and has been a co-investigator on one R01 and two PSO projects. Professor Low is actively pursuing additional external funding. This demonstrates an upward trajectory of increase extramural funding bodes well for her future research. Additionally, Professor Low has served as the PI on six funded projects as a National Research Service Award (NRSA) sponsor for a doctoral student illustrating how she blends mentorship and scholarship so important for our PhD students.

Professor Low has an outstanding reputation among colleagues in her field as evidenced by her external reviews, awards, and invitations to present and participate in professional activities. Professor Low has received six awards, including co-authored best papers and book of the year; excellence in research; and excellence in teaching. She has been invited to contribute to professional organizations, journals, and funding agencies; and as author of chapters in classic nurse midwifery books. She has been invited to present her work at 14 local, regional, national and international meetings or conferences.

Recent and Significant Publications:

Kane Low, L., Bailey, J.M., Sacks, E., and Robles, C. (In press). "A case study of postpartum

hemorrhage reduction after implementing active management of third stage in rural Honduras." *International Journal of Gynecology and Obstetrics*.

Moore, J. and Kane Low, L. (2012). "Factors influencing elective induction of labor: What does the evidence tell us?" *Journal of Perinatal and Neonatal Nursing*, 2012, 26(3) 242-350.

DeLancey J.O.L., Kane Low, L., Miller, J.M., Patel, D.A., and Tumbarello, J.A. (2008). "Graphic Integration of Causal Factors of Pelvis Floor Disorders: An integrated lifespan model." *American Journal of Obstetrics and Gynecology*, 199(6):610.e1-5.

Kane Low, L., Miller J., Gao, .Y, Ashton-Miller J., DeLancey, J.O.L., and Sampsel, C. (2012). "Spontaneous pushing to prevent postpartum urinary incontinence: A randomized, controlled trial." *International Journal of Urogynecology*, 2012 Jul 25. [Epub ahead of print].

Kane Low, L., Seng J., and Miller J. (2008). "Use of the optimality index-United States in perinatal clinical research: A validation study." *Journal of Midwifery and Women's Health*, 53(4):302-309.

Service: Professor Low has a significant record of academic, professional and community service leadership. Since 2009 she has been the coordinator of the Nurse Midwifery Program. In the division and School of Nursing, she is the faculty member often recognized as having the knowledge and ability to provide guidance on curriculum and education issues.

At the university level, Professor Low is an advisory board member for CRLT and the School of Nursing representative on the Student Relations Advisory Committee. In addition, because of her School of Nursing faculty role and University of Michigan Health System (UMHS) practice role, she serves on the UMHS Advisory Committee on Nursing Practice Outcomes and was recently invited to serve on the newly formed UMHS Nursing Governance Research and Translation Committee.

For the profession, Professor Low has been a leader in American College of Nurse-Midwives (ACNM) for many years and in many key positions. She was the youngest member to be inducted as a fellow and has had significant influence on women's health and midwifery practice, including in her role chair of ACNM Clinical Standards and Documents Section, of the Division of Standards and Practice. In addition she has been an active member of the Midwest Nursing Research Society and co-chaired the Childbearing Research Section.

Internationally, Professor Low has been a member on two international midwifery research committees and presented at international midwifery professional organizations outlining standards for midwifery care in the U.S. Her expertise in midwifery education, practice and research has been recognized with invitations to be a delegate at National Meetings related to maternity care.

External Reviewers:

Reviewer A: "[Professor] Low's career trajectory is impressive, displaying consistent growth in responsibility, productivity and output."

Reviewer B: "Inter-professional collaboration is a strength of [Professor] Kane Low's record."

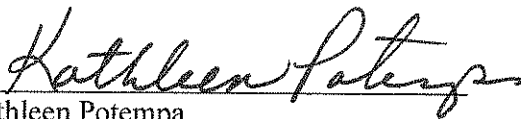
Reviewer C: “[Professor] Low’s scholarly work is admirable in several respects. First and foremost, it is very high quality, clinically relevant and collaborative. Her publications reflect scholarly thinking and sound methodology. She has a strong record of inter-professional collaboration and respect from colleagues in nursing, medicine and even engineering. Her publications also reflect her ongoing commitment to student mentorship.”

Reviewer D: “[Professor] Low is recognized as a national leader for her contributions in midwifery.”

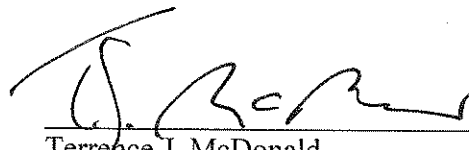
Reviewer E: “She is obviously a dedicated researcher related to women’s health during childbirth and that work is very important.”

Internal Review: Professor Low has established a focused program of research and scholarship in the broad topic of labor care practices that promotes optimal health outcomes. Her publications are significant in both quantity and quality. Her research is also focused, cutting-edge, and impactful. In her teaching role, Professor Low has made extraordinary contributions to the university’s teaching mission. She is an outstanding citizen and leader within both of her units, the university, the nursing profession, and the community at large.

Summary of Recommendation: Professor Low is a dynamic researcher who has made noteworthy contributions to improving maternal and child health, focusing on labor care practices that influence maternal and infant outcomes. Her work has achieved national and international notice in interdisciplinary arenas. Professor Low has an exemplary record of academic, professional and community service. She is an excellent teacher and mentor; and she has made important contributions in both internal and external service opportunities. It is with the support of the School of Nursing and College of Literature, Science, and the Arts Executive Committees that we recommend Lisa K. Low for promotion to associate professor of nursing, with tenure, School of Nursing, and associate professor of women’s studies, without tenure, College of Literature, Science, and the Arts.



Kathleen Potempa
Dean, School of Nursing



Terrence J. McDonald
Arthur F. Thurnau Professor,
Professor of History, and Dean,
College of Literature, Science, and the Arts

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