

Sara McComb  
School of Nursing  
Purdue University, West Lafayette, IN 47907  
sara@purdue.edu

### Professional Preparation

GMI Engineering & Management Institute	Flint, MI	Industrial Engineering	B.S. 1989
Rensselaer Polytechnic Institute	Troy, NY	Engineering Science	M.S. 1993
Purdue University	West Lafayette, IN	Industrial Engineering	Ph.D. 1998

### Faculty Appointments

- Professor, School of Nursing, Purdue University, 2022-present
- Professor and Associate Professor, School of Nursing and School of Industrial Engineering, Purdue University, 2016-2021, 2011-2016.
- Parsons Career Development (Associate) Professor of Engineering Management, Texas A&M University, 2008-2011
- Associate and Assistant Professor, University of Massachusetts Amherst, 2004-2008, 1998-2004, respectively

### Selected Publications

- McComb, S.A. & Kennedy, D.M., 2020, *Computational Methods to Examine Team Communication: When and How to Change the Conversation*. Cham, Switzerland: Springer.
- McComb, S.A., Brunese, P., Fedele, L., & Simpson, V.A., 2019, "An Intercultural, Interprofessional, Immersive Experience: An Innovative Approach to Global Engineering," *Frontiers: The Interdisciplinary Journal of Study Abroad*, XXXI(1): 148-168.
- Ernst, K., McComb, S., & Ley, C., 2019, "Examining Medical-Surgical Nurse Shift-to-Shift Handoffs to Identify Process, Failures, and Effects," *IIE Transactions on Healthcare Systems Engineering*, doi: <https://doi.org/10.1080/24725579.2019.1570986>.
- Spahr, J., Coddington, J., Edwards, N., & McComb, S., 2018, "Implementing Comprehensive Primary Care Referral Tracking in a Patient-Centered Medical Home," *Journal of Nursing Care Quality*, 33(3): 255-262, doi: 10.1097/NCQ.000000000000283.
- Kennedy, D.M. & McComb, S.A., 2014, "When Teams Shift Among Processes: Insights from Simulation and Optimization," *Journal of Applied Psychology*, 99(5): 784-815.
- McComb, S.A. & Simpson, V., 2014, "The Concept of Shared Mental Models in Healthcare Collaboration," *Journal of Advanced Nursing*, 70(7): 1479-1488.

### Selected Honors and Awards

- Honorary Membership, Sigma Theta Tau International, 2017
- Purdue Teaching Academy Fellow, 2016
- Faculty Appreciation Award, Texas A&M University INFORMS Student Chapter, 2010-2011
- Online Education Pioneer Award, UMassOnline, 2006
- Isenberg Outstanding Research Award, Isenberg School of Management, 2004
- Faculty Early Career Development (CAREER) Award, National Science Foundation, 2001-06