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**Texas Nursing License:** 451939

**Gallup 5 Strengths 2017:** maximizer, ideation, adaptability, positivity, arranger

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## **Education**

**Texas Woman's University, Denton, TX, PhD (2004) Health Studies**

**Texas Woman's University, Dallas, TX, MS (1993) Nursing**

**University of Nevada, Reno, NV, BS (1976) Nursing**

## **Academic Appointments**

Association Professor, MGH Institute of Health Professions, Boston, MA	2020-Present
Nurse Scientist, Texas Health Resources, Ft. Worth TX	2019-2020
Senior Fellow, Center for Medical Simulation, Boston, MA	2019-Present
Professor, Robert Morris University, Moon Township, PA	2015-2019
Adjunct Research Associate Professor, Drexel College of Medicine, Philadelphia, PA	2014-2018
Research Associate Professor, Boise State University, Boise ID	2012-2014
Adjunct Associate Professor, Washington State University, Spokane, WA	2012-2015
Assistant/Associate Professor, Washington State University, Spokane, WA	2006-2012
Assistant Professor, University of Texas at Arlington, Arlington TX	2005-2006
Director BSN Program, University of Texas at Arlington, Arlington TX	2003-2005
Clinical Associate Professor, University of Texas at Arlington, Arlington TX	2004-2005
Instructor, University of Texas at Arlington, Arlington, TX	1993-2004

## Research, Grants, and Contracts

### Funded Grants and Research

“Use of knitted PIV sleeve for older adults with dementia.” Munsterman, E. PI, **Kardong-Edgren, S. Co-investigator**. Texas Health FW, Harris Methodist Hospital. Texas Christian University Hogstel Gerontological Grant, \$5,000. September 2020. Funded.

“Isolated aphasia as a positive Large Vessel Occlusion screen (VAN WAVE study)”. Ryan, J., Fiesta, M., PIs. **Kardong-Edgren, S (Co-investigator)**. Texas Health Ft. Worth. Harris Methodist Hospital. Agnes Marshall Walker Foundation. \$5000. April, 2020. Funded.

“Comparing the gold standard of traditional clinical experience to the simulation experience. A multi-site, descriptive, exploratory, mixed methods study comparing the traditional clinical experience and simulation.” Sullivan, N. Johns Hopkins University (PI). **Suzan Kardong-Edgren Co-investigator**. INACSL Spunt grant. \$1000.00 November 2017. Funded. Completed and results published.

“A brief intervention to counter workplace incivility: Capturing biomarker data, psychological stress and effects on safe patient care.” Janet Willhaus, PI. Clark, C. **Kardong-Edgren, S.** Co-investigators. 1 July 2014- 1 July 2015. Sigma Theta Tau International. \$5,000. Funded. Completed.

“Virtual reality nursing simulation tool kit.” Boise State Office of Research and Innovation and the Jody DeMeyer Endowment. Anthony Ellertson & **Suzie Kardong-Edgren** Co-investigators. January 2014-September 2014. Funded. Completed and published. \$29,000.

“Adaptive basic life support (BLS) training: A research proposal to test an algorithm for optimizing individual BLS maintenance of competency (MOC) training schedules. National League for Nursing, USAF, Laerdal Medical. Marilyn Oermann, PI, **Suzan Kardong-Edgren, Project Director**. July 2015-July 2018. Funded. Completed and 4 manuscripts in the works. \$800,000. Completed and results published.

“Evaluation of the Quint Tool for Simulation.” Jody DeMeyer Endowment. Boise State University. **Suzan Kardong-Edgren** and Katie Adamson, Co-investigators. (November 2013-2015)..Funded. Completed results published. \$18,000.

“Improving retention and transfer of rescue skills in undergraduate health professions students using simulation: A pilot study”. Jody DeMeyer Endowment. Boise State University. **Suzan Kardong-Edgren PI.**, Anne Butt, Rosemary Macy, Co-investigators. (Fall 2013-2018). Funded. Completed and manuscript published. \$8500.

“High-dose, low volume vs. low-dose, high volume education: Effects on ACLS learning and performance of military health care providers.” Paul Mechtel, Principal Investigator, **Suzan Kardong-Edgren, Project Director**. American Heart Association and Laerdal Medical Corporation. December 2011-January 2012. Completed and results published. \$500,000.

“Facilitating instrument development to provide the basis of simulation science in nursing.” **Suzan Kardong-Edgren, Principal Investigator.**, Katie Adamson, Co-Investigator. National League for Nursing. January 2009-December 2012. Completed and manuscript published. \$4,654

“High-dose, low volume vs. low-dose, high volume education: Effects on ACLS learning and performance of paramedics.” Scott Bourn, Principal Investigators, **Suzan Kardong-Edgren, Project Director**. American Medical Response and Laerdal Corporation. August 2010-August 2011. \$800,000.

“High-dose, low volume vs. low-dose, high volume education: Effects on CPR learning and retention on nursing students.” Marilyn Oermann, Principal Investigator, **Suzan Kardong-Edgren, Project Director**. American Heart Association & Laerdal Medical Corporation, August 2008-August 2010. Completed and results published. \$273,000.

“An interdisciplinary health care provider communication course using simulation” Samuel and Patricia Smith Teaching and Learning Grant. Washington State University, May 2008. Results published. \$5,000.

“An interprofessional approach to research the impact of human patient simulators in professional education, competency assessment, and patient safety.” **Kardong-Edgren, S. Principal Investigator**. Catrina Schwartz, Co-investigator. Washington State University. 2008. Completed and results published. \$6300.

“Innovative Technological Approaches in Nursing Education and Practice” Brenda Zierler, PhD (PI), University of Washington; **Suzan Kardong-Edgren, Co-investigator**. HRSA ITNEP Program Grant. 2008-2012. Completed and website established. \$1.5 million (direct and indirect)

“Validation of a clinical judgment/competency tool for use in simulation/clinical experiences.” **Kardong-Edgren, S. Principal Investigator**, Shelly Quint Co-investigator. Washington Center for Nursing. Article and tool published. \$18,132. 2007-2008.

“Nursing skills acquisition through simulation” Starkweather, A. & **Kardong-Edgren, S.** (Project leaders). Washington State University Undergraduate Teaching and Learning Improvement Initiative, 2007-2008. Completed. \$15,000.

“Does simulation fidelity improve student test scores?” **Kardong-Edgren, S., Principal Investigator**. Lungstrom, N. Intercollegiate College of Nursing/ Carl M. Hansen Foundation, 2006-2007, \$2500.

“Which curricula produce the most culturally competent new graduates? A multisite study.” **Suzan Kardong-Edgren, PhD. Principal Investigator**. National League for Nursing ID 06-01-S. 2006-2007. Completed. \$1871.

“Evaluation of a new counter device for basic life support (BLS) CPR training: Does it enhance learning and retention?” Beth Mancini PhD, Principal Investigator; **Suzan Kardong-Edgren, PhD, Project Director**. American Heart Association and Laerdal Medical Corporation. \$50,000. 2006.

“Evaluation of CPR instructors: How do instructors teach?” American Heart Association and Laerdal Medical Corporation. Beth Mancini PhD, Principal Investigator; **Suzan Kardong-Edgren, PhD, Project Director**. American Heart Association and Laerdal Medical Corporation. \$50,000. 2006.

“A comparison of attitudes and outcomes using different types of CPR training.” Beth Mancini PhD, Principal Investigator; **Suzan Kardong-Edgren, PhD, Project Director**. American Heart Association and Laerdal Medical Corporation. \$50,000. 2006. Completed.

“A comparison of attitudes and outcomes using different types of health care provider CPR training.” Beth Mancini PhD, Principal Investigator; **Suzan Kardong-Edgren, PhD, Project Director**. American Heart Association and Laerdal Medical Corporation. \$50,000. 2006.

“Do E-packs make a difference in nursing assessment student learning outcomes?” **Suzan Kardong-Edgren** PhD, Principal Investigator. Elsevier Publishing Co. (\$5000). 2005. Completed.

“Student knowledge retention reinforced with static or high fidelity manikin simulation: How much fidelity is enough? A Pilot Study.” **Suzan Kardong-Edgren**, Primary Investigator. Delta Theta chapter, Sigma Theta Tau International. \$330. 2005. Completed.

“Cultural competency of nursing and health education faculty.” **Suzan Kardong-Edgren**, PhD. Principal Investigator. Delta Theta chapter, Sigma Theta Tau International. \$1224. 2004. Completed.

## Scholarly Communications

### Faculty Initiated (Non-Invited) Refereed Data-Based

Fogg, N., Yousef, M.G., Bauman, E., **Kardong-Edgren, S.** (2023). Using screen-based simulation to mitigate prelicensure nursing students’ anxiety and enhance self-confidence in clinical decision making. Submitted to *Clinical Simulation in Nursing* on 17 February.

Fayyaz, J., Jaeger, P.H.M., Takundwa, P., Iqbal, A. U., Salman, S., Saleem, G., Khatri, A., Whitfill, T., Ali, I., Duff, J. P., **Kardong-Edgren, S.**, Gross, I.T. (2023). Promoting cultural sensitivity during distance simulations in pediatric emergency medicine. *Simulation in Healthcare*. Submitted January.

Kinney, A., Nordon-Craft, A., **Kardong-Edgren, S.**, Thompson, A. (2023). Usefulness of digital recordings of standardized patient encounters for physical therapy student learning: A qualitative pilot study. *Journal of Physical Therapy Education*. Submitted 23 December.

**Kardong-Edgren, S.**, Muller-Botti, S., Pierotti Arantes, H., Chung, S. Y., Park, Y. S., Rudolph, J. (2023). Powering an international community of practice for debriefing: Ten years of healthcare debriefing assessment and feedback with the DASH. Submitted to *Advances in Simulation*, December.

Hebert, S., Anderson, J.G., Wyatt, T. H. **Kardong-Edgren, S.** (2023). A scoping review to assess education and evaluation of electronic fetal monitoring interpretation. Submitted to *JOGNN*, May.

Flewelling, G., Augustine, B., Groom, J., **Kardong-Edgren, S.**, Simmons, V. C. (2023). Design and validation of a simulation scenario and assessment tool: A pilot project. *AANA Journal*, 91(1), 46-54.

Clark, C., **Kardong-Edgren, S.**, & Willhaus, J. (2023). Combining cognitive rehearsal, clinical simulation, and biomarker data to address workplace incivility. *Journal of Continuing Education in Nursing* 54(2), 79-88. doi:10.3928/00220124-20230113-07

Southwick, K., **Kardong-Edgren, S.**, Aebersold, M.L., Simmons, V. (2023). Screen-based simulation as a novel recertification tool for Certified Registered Nurse Anesthetists. *Clinical Simulation in Nursing*, 75, 11-19. <https://doi.org/10.1016/j.ecns.2022.11.002>.

Oermann, M. H., Krusmark, M. A., **Kardong-Edgren, S.**, Gluck, K. A., Jastrzemski, T. S. (2022). Retention in spaced practice of CPR skills in nursing students. *Med-Surg Nursing* 31(5), 285-294.

Cant, R., Ryan, C., **Kardong-Edgren, S.** (2022). Virtual simulation studies in nursing education: A bibliometric analysis of the top 100 cited articles, 2021. *Nurse Education Today*, 114, 105385. doi.org/10.1016/j.nedt.2022.105385

Andersen, P., **Kardong-Edgren, S.**, Schleicher, M., Koontz, J. Walsh, K., (2022). A simulation pilot study comparing art-enhanced debriefing and traditional debriefing. *Clinical Simulation in Nursing*, 67, 49-57. doi.org/10.1016/j.ecns.2022.02.014

Buleon, C., Caton, J., Park, Y. S., Eller, S., Buyuck, M., **Kardong-Edgren, S.**, Walsh, B. M., Gross, I.T., Maxworthy, J., Reedy, G., Palaganas, J.C. (2022). The state of distance healthcare simulation during the COVID-19 pandemic: Results of an international study. *Advances in Simulation*, 7, 10. doi.org/10.1186/s41077-022-00202-7

Leighton, K., **Kardong-Edgren, S.**, McNelis, A., Sullo, E. (2021). Learning outcomes attributed to prelicensure clinical education in nursing: A systematic review of qualitative research. *Nurse Educator*, 47(1), 26-30. DOI 10.1097/NNE.0000000000001097

Leighton, K., Kardong-Edgren, S., Jones, A., & Reedy, G. (2022). What did you do during COVID-19? Uncovering narratives during the pandemic in the simulation community. *Advances in Simulation*, 7(1),1-11. <https://doi.org/10.1186/s41077-021-00196-8>

Leighton, K., **Kardong-Edgren, S.**, Gilbert, G. (2021). Are traditional and simulated clinical environments meeting nursing students' learning needs? *Nurse Educator*, 59, 85-92. DOI 10.1016/j.ecns.2021.06.003

Leighton, K., **Kardong-Edgren, S.**, Schneidereith, T., Foisy-Doll, C. (2021). Meeting undergraduate nursing students' clinical needs: A comparison of traditional clinical, face-to-face simulation, and screen-based simulation learning environments. *Nurse Educator*, Accepted May. DOI 10.1097/NNE.0000000000001064

Dang, B., Johnson, K., Butzlaff, A., Gilbert, G., Schleicher, M., Palicte, J., Wood, A. M., **Kardong-Edgren, S.** (2021). A multi-site evaluation of observer roles and telepresence technology in simulation with prelicensure nursing students. *Clinical Simulation in Nursing*, 55, 86-94. DOI 10.1016/j.ecns.2021.03.007

Oermann, M., Krusmark, M.A., **Kardong-Edgren, S.**, Jastrzemski, T. S., Gluck, K.A. (2021). Personalized training schedules for retention and sustainment of CPR skills. *Simulation in Healthcare*. Pre-print April. DOI: 10.1097/SIH.0000000000000559

Leighton, K., **Kardong-Edgren, S.**, Schneidereith, T., Foisy-Doll, C. (2021). Using social media and snowball sampling as an alternative recruitment strategy for research. *Clinical Simulation in Nursing*, 55, 37-42. doi.org/10.1016/j.ecns.2021.03.006.

Breitkreuz, K., **Kardong-Edgren, S.**, Gilbert, G., DeBlicke, C., Hallock, C., Rossler, K., Turkelson, C., Lanzara, S., Parrish, K., Maske, M., Ellertson, A., Anderson, P. (2021). Nursing faculty perception of a virtual reality catheter insertion game: A multisite international study. *Clinical Simulation in Nursing*, 53, 49-58. doi.org/10.1016/j.ecns.2020.10.003.

Leighton, K., **Kardong-Edgren, S.**, McNelis, A. M., Foisy-Doll, C., Sullo, E. (2021) Traditional clinical outcomes in prelicensure nursing education: An empty systematic review. *Journal of Nursing Education* 60(3), 136-142.

Breitkreuz, K. R., **Kardong-Edgren, S.**, Gilbert, G. E., DeBlicke, C., Maske, M., Hallock, C., ... Noe, S. R. (2021). Nursing faculty perceptions of a virtual reality catheter insertion game: A multisite study. *Simulation and Gaming*, 52(2) 1-15. doi:10.1177/1046878120954891

Oermann, M., Krusmark, M.A., **Kardong-Edgren, S.**, Jastrzembski, T.S., Gluck, K.A. (2020). Training interval and feedback effects in cardiopulmonary resuscitation. *PLOS One*, 16 January' 1-13. doi:10.1371/journal.pone.0226786

**Kardong-Edgren, S.**, Oermann, M.H. , Jastrzembski, T.S. , Krusmark, M.A. , Gluck, K.A. , Molloy, M.A. , Miller, C.W. , Webb, S. , Frost, E. & Sarasnick, J.A. (2020). Baseline cardiopulmonary resuscitation skill performance of nursing students is improved after one Resuscitation Quality Improvement skill refresher. *Journal for Nurses in Professional Development*, 36(2), 57–62. doi: 10.1097/NND.0000000000000614

McAllister, M., Andersen, P., **Kardong-Edgren, S.** (2019). Incivility behaviours exhibited by nursing students: Clinical educators' perspectives of challenging teaching and assessment events in clinical practice. *Contemporary Nurse*, Published online 9 July 2019. doi: 10.1080/10376178.2019.1634480

Yeh, V.J.-H., Sherwood, G., Durham, C.F., **Kardong-Edgren S.**, Schwartz, T., & Beeber, L., (2019). Online simulation-based mastery learning with deliberate practice: developing interprofessional communication skill. *Clinical Simulation in Nursing*, 32, 27-38. <https://doi.org/10.1016/j.ecns.2019.04.005>

Sullivan, N., Swoboda, S., Breymier, T., Lucas, L., Sarasnick, J., Rutherford- Hemmings, T., Budhathoki, C., **Kardong-Edgren, S.** (2019). Evidence toward the 2:1 clinical to simulation ratio revealed: A study comparing traditional clinical and simulation. *Clinical Simulation in Nursing*, 30, 34-41. Doi: <https://doi.org/10.1016/j.ecns.2019.03.003> (**Awarded INACSL 2019 Research Article of the Year.**)

Yeh, V.J.-H., Sherwood, G., Durham, C.F., **Kardong-Edgren, S.**, Schwartz, T.A., & Beeber, L.S. (2019). Designing and implementing asynchronous online deliberate practice to develop interprofessional communication competency. *Nurse Education in Practice*, 35, 21-26. <https://doi.org/10.1016/j.nepr.2018.12.011>

**Kardong-Edgren, S.**, Breitkreutz, K., Werb, M., Foreman, S., & Ellertson, A. (2018). Evaluating the usability of a second-generation VR game for refreshing sterile urinary catheterization skills. *Nurse Educator*, 44(3), 137-141. doi: 10.1097/NNE.0000000000000570.

Butt, A., **Kardong-Edgren, S.**, Ellertson, A. (2018). Using game-based virtual reality with haptics for skill acquisition. *Clinical Simulation in Nursing*, 16(3), 25-32. doi:10.1016/j.ecns.2017.010. (Awarded 2018 Research Article of the Year)

Prion, S. K., Gilbert, G. E., Adamson, K. A., **Kardong-Edgren, S.**, & Quint, S. (2017). Development and testing of the Quint Leveled Clinical Competency Tool. *Clinical Simulation in Nursing*, 13(3), 106- 115. doi: 10.1016/j.ecns.2016.10.008.

**Kardong-Edgren, S.**, Oermann, M., Rizzolo, M.A, Odom-Maryon, T. (2017). Establishing inter-and intrarater reliability for high-stakes testing using simulation. *Nursing Education Perspectives*, 38(2), 63-68. doi: 10.1097/01.NEP.0000000000000114.

Oermann, M.H., **Kardong-Edgren, S.**, Rizzolo, M.A. (2016). Towards an evidence-based methodology for high-stakes evaluation of nursing students' clinical performance using simulation. *Teaching and Learning in Nursing*, 11, 133-137. doi: 10.1016/j.teln.2016.04.001.

**Kardong-Edgren, S.** Mulcock, P. (2016). Angoff Method of setting cut scores for high-stakes testing: Foley catheter checkoff as an exemplar. *Nurse Educator*, 41(2), 80-82. doi:10.1097/NNE.0000000000000218.

**Kardong-Edgren, S.**, Butt, A., Macy, R., Harding, S., Roberts, C., McPherson, S., Waddell, A., Erickson, A. (2015). Expert modeling, expert/self-modeling vs. lecture: A comparison of learning, retention, and transfer of rescue skills in health professions students. *Journal of Nursing Education*, 54(4), 185-191. doi.org/10.3928/01484834-20150318-01

Hayden, J., Smiley, R., Alexander, M.A., **Kardong-Edgren, S.**, Jeffries, P. (2014). The NCSBN National Simulation Study: A longitudinal, randomized, controlled study replacing clinical hours with simulation in prelicensure nursing education. *Journal of Nursing Regulation*, 5(2) Supplement, S1-S64. doi.org/10.1016/S2155-8256(15)30062-4

Hayden, J., Keegan, M., **Kardong-Edgren, S.**, Smiley, R. (2014). Reliability and validity testing of the Creighton Competency Evaluation Instrument (CCEI) for use in the NCSBN National Simulation Study. *Nursing Education Perspectives*, 35(4), 244-252. doi:10.54801/13-1130.1

Oermann, M., **Kardong-Edgren, S.**, Odom-Maryon, T. (2014). Effects of practice on competency in single-rescuer cardiopulmonary resuscitation. *MEDSURG Nurse*, 23(1), 22-28.

Taibi, D., **Kardong-Edgren, S.** (2014). Development of an open use simulation education website for healthcare providers. *Clinical Simulation in Nursing*, 10(1), e47-e52. doi: 10.1016/j.ecns.2013.05.013

**Kardong-Edgren, S.**, Brouhard, R., Bourn, S. Oermann, M., Odom-Maryon, T. (2013). Effect of low dose high frequency training on paramedic cognitive skills. *International Paramedic Practice* 3(2), 33-38

Adamson, K. & **Kardong-Edgren, S.** (2012). A methodology and resources for assessing the reliability of simulation evaluation instruments. *Nursing Education Perspectives*. 33(5), 334-339. doi: 10.54801/1536-5026-33.5.334

Montgomery, C., **Kardong-Edgren, S.**, Oermann, M., Odom-Maryon, T. (2012). Student satisfaction and self-report of CPR competency: HeartCode™ BLS courses, instructor-led CPR courses, and monthly voice advisory manikin practice for CPR skill maintenance. *International Journal of Nursing Education Scholarship*, 9(1), Article 10. doi:10.1515/1548-923X.2361

Oermann, M., **Kardong-Edgren, S.**, Odom-Maryon, T. (2012). Competence in CPR. *American Journal of Nursing*, 112(5), 38-41.

**Kardong-Edgren, S.**, Willhaus, J., Bennett, D., & Hayden, J. (2012). Results of the National Council of State Boards of Nursing national simulation survey: Part II. *Clinical Simulation in Nursing*, 8(4), e117-e123. doi:10.1016/j.ecns.2012.01.003.

**Kardong-Edgren, S.**, Oermann, M., Odom-Maryon, T. (2012). Challenges in performing CPR: Implications for RNs. *Journal for Nurses in Staff Development*, 28(1), 9-15.

Oermann, M., **Kardong-Edgren, S.**, Odom-Maryon, T., Hallmark, B., ...Smart, D. (2011). Deliberate practice of motor skills in nursing education: CPR as an exemplar. *Nursing Education Perspectives*, 32(5), 311-315. Doi: 10.54801/1536-5026-32.5.311

Oermann, M., **Kardong-Edgren, S.**, Odom-Maryon, T. (2011). Effects of monthly practice on nursing students' CPR skill performance. *Resuscitation*, 82, 447-453. doi: 10.1016/j.resuscitation.2010.11.022.

Oermann, M., **Kardong-Edgren, S.**, Odom-Maryon, T., Ha, Y., McColgan, J. ...Dowdy, S. (2010). Heartcode BLS with voice assisted manikin for teaching nursing students. *Nursing Education Perspectives*, 31(5), 303-307. doi: 10.1043/1536-31.5.303

**Kardong-Edgren, S.**, Cason, C., Walsh Brennan, A., Reifsnider, E., Hummel, F., Mancini, M., Griffin, C. (2010). Cultural competency of graduating BSN students. *Nursing Education Perspectives*, 31(5), 210-217. oi: 10.1043.1536-5026-31.5.278

**Kardong-Edgren, S.** & Emerson, R.J. (2010). Student adoption and perception of lecture podcasts in undergraduate Bachelor of Science Nursing courses. *Journal of Nursing Education*, 49(7), 398-401. doi: 10.3928/101484834-20100224-04

Oermann, M., **Kardong-Edgren, S.**, McColgan, J., Hurd, D., Haus, C., Snelson, C., et al. (2010). Innovative approach to teaching basic life support to nursing students: Heartcode with voice advisory manikin. *International Journal of Nursing Education Scholarship*, 7(1), article 26. doi: 10.2202/1548-923x.1949

**Kardong-Edgren, S.**, Oermann, M., Odom-Maryon, T., Ha, Y. (2010). Comparison of two instructional modalities for nursing student CPR skill acquisition. *Resuscitation*, 81, 1019-1024. doi:10.1016/j.resuscitation.2010.04.022.

Bray, B., Schwartz, C., Weeks, D., **Kardong-Edgren, S.** (2009, July). Human patient simulation technology: Perceptions from a multidisciplinary sample of health care educators. *Clinical Simulation in Nursing* 5(1), e145-e150. doi:10.1016/j.ecsn.2009.02.002.

**Kardong-Edgren, S.**, Adamson, K.A. (2009, March). BSN medical-surgical student ability to perform CPR in a simulation: Results and implications. *Clinical Simulation in Nursing*, 5(2) e79-e83. doi:10.1016/j.ecns.2009.01.006.



**Kardong-Edgren, S.,** Lungstrom, N., & Bendel, R. (2009, May). VitalSim® vs. SimMan®: A comparison of BSN student test scores, knowledge retention, and satisfaction. *Clinical Simulation in Nursing*, 5(3), e105-e111. doi:10.1016/j.ecns.2009.01.007.

Mancini, M., Cazzell, M., **Kardong-Edgren, S.,** Cason, C. (2009). Improving survival from sudden cardiac arrest: A new tool for education. *Association of Occupational Health Nurses Journal*, 57(4), 159-167.

Cason, C., **Kardong-Edgren, S.,** Cazell, M., Behan, B., Mancini, M. (2009). Innovations in basic life support education for healthcare providers: Improving competence in CPR through self-directed learning. *Journal for Nurses in Staff Development* 25(3), e1-e13. Doi: 10.1097/NNS.0b013e3181a56f92

**Kardong-Edgren, S.,** Starkweather, A., Ward, L. (2008). The integration of simulation into a clinical foundations of nursing course: Student and faculty perspectives. *International Journal of Nursing Education Scholarship*. 5(1), Article 26. Available at: <http://www.bepress.com/ijnes/vol5/iss1/art26> Doi: 10.2202/1548-923X.1603

**Kardong-Edgren, S. &** Campinha-Bacote, J. (2008). Cultural competency of graduating US BSN students. *Contemporary Nurse*. 28(1-2), 37-44. Doi: 10.51721conu.673.28.1-2.37

**Kardong-Edgren, S.** (2007). Cultural competency of baccalaureate nursing faculty. *Journal of Nursing Education* 46(8), 360-366.

**Kardong-Edgren, S.,** Anderson, M., Michael, J. (2007). Does simulation fidelity improve student test scores? *Clinical Simulation in Nursing Education*. 3(1), e21-e24. Doi: 10.1016/j.ecns.2009.05.035

**Kardong-Edgren, S.,** Bond, M.L., Schlosser, S., Cason, C., Jones, M.E., Warr, R., Strunk, P. (2005). Cultural attitudes, knowledge and skills of nursing faculty toward patients of four diverse cultures. *Journal of Professional Nursing* 21 (3): 175-182. Doi: 10.1016/j.profnurs.2005.04.001

#### Refereed Non-Data-Based Articles

Leighton, K., McNelis, A., **Kardong-Edgren, S.** (2022). The competency of clinical nursing educators. *Journal of Professional Nursing*, 43, 1-4. <https://doi.org/10.1016/j.profnurs.2022.08.004>

Jeffries, P. R., Bushardt, R. L., DuBose- Morris, R., Hood, C., **Kardong-Edgren, S.,** Pintz, C., Posey, L., Sikka, N. (2022). The role of technology in health professions education during the COVID-19 pandemic. *Academic Medicine*, 97(35), S104-S109.

Howard, V., Barber, J., & **Kardong-Edgren, S.** (2020). Corporate leadership training: Value added for your simulation center. *Journal of Professional Nursing*, 36, 538-542. DOI 10.1016/j.profnurs.2020.08.001

Westmoreland Miller, C., Greenawalt, J., **Kardong-Edgren, S.,** Oermann, M.H., Malloy, M., Mudra, V., ...Chen, A. (2019). Planning and managing a complex multisite study in the age of technology. *Nursing Forum*, 54(4), 707-713. doi:10.1111/nuf.12401

Bryant, K., Aebersold, M., Jeffries, P. R., **Kardong-Edgren, S.** (2019). Innovations in simulation: Nursing leaders exchange of best practices. *Clinical Simulation in Nursing*, Published ahead of print. doi:10.1016/j.ecns.219.09.002

Waxman, K.T., Bowler, F., Forneris, S., **Kardong-Edgren, S.**, Rizzolo, M.A. (2019). Simulation as a nursing education disruptor. *Nursing Education Quarterly*, 45(4), 300-305.

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### Commentaries and Editorials

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## **Podium/Poster Presentations**

### Invited International and National Presentations

**Kardong-Edgren, S.** (2023). Sharing your scholarly work and innovations with the world: NOT just publications anymore! Itqan Clinical Simulation & Innovation Center. Doha Qatar. 7 February,

**Kardong-Edgren, S.** (2022). Keynote. Transforming and scaling up nursing education and training through patient simulation: Preparing the nurse of the future. (Virtual). 1<sup>st</sup> Simulation and Innovation Resource Center of Phetchaburi (SIRCOP) International Conference. Phetchaburi, Thailand. 16 August.

**Kardong-Edgren, S.** (2022). Keynote. Dissemination: Not what it used to be. Keynote. International Pediatric Simulation Society. St. Petersburg, FL, 14 June.

**Kardong-Edgren, S.,** Henao, H., Quinn, R., Kristopek, A. (2022). Making your clinical time simulation time. Laerdal Simulation Users Network. Webinar. 7 June.

**Kardong-Edgren, S.** (2022). Keynote. Traditional clinical outcomes in prelicensure nursing education: An empty systematic review. Quality and Safety in Nursing Education. Denver. 2 June.

Malone, B., Poindexter, K., Oermann, M., **Kardong-Edgren, S.,** Tibiero, R. (2022). (Webinar). Empowering nursing students to help save lives-The path to high-quality CPR skills and competence. NLN webinar series. 14 April.

Phillips, B., Lloyd, J., **Kardong-Edgren, S.,** Schwartz, J. (2022). Keynote panel. The future of nursing: Learning from the past to prepare for the future. Keynote panel. Assessment Technologies Incorporated (ATI) National Nursing summit. Seattle, 12 April.

**Kardong-Edgren, S.** (2021). Keynote. The new Healthcare Simulation Standards in Simulation. Virtual Simulcom. India, 5 December.

Jeffries, P., **Kardong-Edgren, S.,** Dubose-Morris, R., Slaven-Lee, P., Laughlin, T. Disruptions in use of technology across the healthcare system and academe due to the pandemic: The silver

linings and transformations. Virtual 13th Kansas City Healthcare Simulation Conference, 17 September.

**Kardong-Edgren, S.** Distance simulation- During COVID and beyond: what were we doing? What do we know now? Are things changing? Virtual 13th Kansas City Healthcare Simulation Conference, 17 September.

**Kardong-Edgren, S., Spain, A., Thompson, A., Diederich, E.** (2021). A call for competency across health professions- what, why, and how? Virtual 13th Kansas City Healthcare Simulation Conference, 17 September.

**Kardong-Edgren, S.** (2021). Simulation: BC (Before COVID) and AC (after COVID). Aga Khan University School of Nursing. Pakistan. 15 September.

Shablak, D., Belk, W., Crawford, S., Spain, A., **Kardong-Edgren, S.** (2021). Developmental opportunities for the simulation technology and operations community. SimGHOST, Panel. August 5, Ft. Wayne ID.

**Kardong-Edgren, S. & Waxman, KT.** (2021). Review, assess, evaluate. Are you gaining all that you can out of debriefing? Laerdal Simulation Users Network Virtual Meeting. 24 June.

**Kardong-Edgren, S.,** (2021). Simulation for patient safety: Opportunities and collaboration for a post pandemic world. University of Miami Simulation Hospital Advancing Research and Education Lecture Series. 17 March.

**Kardong-Edgren, S. & Leighton, K.** (2020). Webinar. Evaluating virtual simulations. Educating Nurses.com. 24 July.

Szld, D., Fey, M., Rudolph, J., **Kardong-Edgren, S.** (2020). Webinar. The reluctant scholar. Center for Medical Simulation. 1 July.

**Kardong-Edgren, S. Beroz, S., Dreifuert, K., Lioce, L., Mullins, B., Jeffries, P.** (2020). Webinar. Debrief standards, models, and best practices in virtual simulation: Online Panel discussion. Shadowhealth. 21 May.

**Kardong-Edgren, S.** (2020). Challenges of conducting educational research in a real world of high stakes simulation context. STTI Nursing Education Research Conference, Washington DC, 26 March. Cancelled due to Corona virus.

**Kardong-Edgren, S.** (2019). Practicing for difficult student situations using tag team simulation. ATI National Nurse Educator Summit. Savannah, GA, 2+3 April.

**Kardong-Edgren, S.** (2019). Simulation: So much more than plastic. 2019 Master's Education Conference. Tampa, FL, 22 February.

Owen, L., Riley, R., Odom, S., **Kardong-Edgren, S.** (2018). Simulation: Has it gone too far? 2018 Annual Meeting of the National Council of State Boards of Nursing. Minneapolis, 17 August.

**Kardong-Edgren, S.** (2018). Current and future best practices in clinical simulation. ATI National Nursing Summit, 22-23 April. Salt Lake City, UT.

Cheng, A., Brydges, T., **Kardong-Edgren, S.** (2017). (Webinar). Using the new simulation reporting standards. SIM One Canada. 11 April.

**Kardong-Edgren, S.** (2017). Hands on practice with higher-level debriefing methods. ATI National Nurse Educator Summit. 2 April. Orlando, FL

**Kardong-Edgren, S.** (2017). Lone dancer to integrated simulation program. ATI National Nurse Educator Summit. 3 & 4 April. Orlando, FL

**Kardong-Edgren, S.** (2017). (Webinar). The NCSBN National Simulation Study: What, so what, now what? Veterans Health Administration SimLEARN Employee Education System

**Kardong-Edgren, S.** (2016). Achieving higher level thinking with simulation. AACN Faculty Development Conference. 17 November, Anaheim, CA.

**Kardong-Edgren, S.,** Gonzalez, L. (2016). (Webinar). Mastery learning through deliberate practice in nursing education. 2 November. AACN.

Durham, C., **Kardong-Edgren, S.** (2016). Implementing the NCSBN simulation guidelines. INACSL Conference, 18 June, Grapevine, TX.

**Kardong-Edgren, S.,** (2016). Considerations when planning for high stakes testing. 3<sup>rd</sup> Biennial Boise State University/ NLN Simulation Conference. 22 April, Boise, ID.

Forneris, S., **Kardong-Edgren, S.** (2016). Simulation Fellowships: A new opportunity for simulationists. 3<sup>rd</sup> Biennial Boise State University/ NLN Simulation Conference. 22 April, Boise, ID.

**Kardong-Edgren, S.** (2016). Lone dancer to simulation program. 3<sup>rd</sup> Biennial Boise State University/ NLN Simulation Conference. 23 April, Boise, ID.

**Kardong-Edgren, S.** (2016). Competency based simulation: Developing a high quality and legally defensible program. ATI Nursing Education Summit. 19-20 April. Nashville, TN.

Durham, C., **Kardong-Edgren, S.** (2015). A discussion about implementing the NCSBN simulation guidelines. (Webinar). INACSL. 4 December.

**Kardong-Edgren, S.** (2015). Never a better time for simulation. Arizona Nurses Association, Chapter 6. 20 November, Phoenix, AZ.

**Kardong-Edgren, S.** (2015). Top five topics in healthcare simulation that contribute to improved patient safety. Dental Society of Anesthesiology. 14 November, Cincinnati, OH

**Kardong-Edgren, S.** (2015). Practice to prepare for the worst: Biennially is not enough. Dental Society of Anesthesiology. 14 November, Cincinnati, OH

Horsley, T.L., **Kardong-Edgren, S.**, Peters, E. (2015). (Poster). Shattering the glass ceiling for a junior nurse leader. Sigma Theta Tau International, 8 November, Las Vegas, NV

**Kardong-Edgren, S.**, Jeffries, P. (2015). How can I achieve results similar to the NCSBN Simulation Study in my nursing program? National League for Nursing, 25 September, Las Vegas, NV

Gonzalez, L., **Kardong-Edgren, S.** (2015). INACSL Standards of Best Practice: Simulation<sup>SM</sup>. 17 September, 2015. HPSN Medical Simulation Conference. Madrid, Spain.

Gonzalez, L., **Kardong-Edgren, S.** (2015). The INACSL-CAE Fellowship. 18 September. HPSN Medical Simulation Conference. Madrid, Spain.

**Kardong-Edgren, S.** (2015). More sim, why sim now? Johnson County Community College 8th Annual 2015 Healthcare Simulation Conference. 11 September. Overland Park, KS

**Kardong-Edgren, S.** (2015). Helping your simulation program be successful using Standards of Best Practice: Simulation, 6 August, SimGHOST conference. Culver City, CA

**Kardong-Edgren, S.**, Rutherford-Hemmings, T., Jeffries, P., Lioce, L., Sittner, B. (2015). Implications of the NCSBN study and the Standards of best practice: Simulation. International Nursing Association of Clinical Simulation and Learning. 12 June, Atlanta, GA

**Kardong-Edgren, S.** (2015). The US NCSBN National Simulation Study: How might the results inform Australia health provider education? Clinical Skills Development Center Visiting Professor. 30 May, Brisbane, AUS

**Kardong-Edgren, S.** (2015). The US NCSBN National Simulation Study: How might the results inform Australia health provider education? Laerdal Simulator Users Network (SUN) meeting, 29 May, Brisbane, Queensland, Australia

**Kardong-Edgren, S.** (2015). Implementing Best Practices from the NCSBN Study. Laerdal Simulator Users Network (SUN) meeting, 29 May, Brisbane, Queensland, Australia

**Kardong-Edgren, S.** (2015). The US NCSBN National Simulation Study: How might the results inform Australia health provider education? University of the Sunshine Coast Visiting Professor presentation. 26 May, Queensland, Australia

**Kardong-Edgren, S.**, Tregunno, D., Harder, N., Garrett, B. (2015). Simulation or Clinical: The debate continues! (Webinar.) Canadian Association of Schools of Nursing. ASN Simulation Interest Group, 28 April, Canada.

**Kardong-Edgren, S.**, Willhaus, J. (2015). Simulation: Multi-patient, multi-learner. National Nurse Educator Summit. 19 April, San Diego, CA

**Kardong-Edgren, S.** (2015). Integrating simulation into the classroom. National Nurse Educator Summit. 20 & 22 April, San Diego, CA

**Kardong-Edgren, S.** (2015). Maximizing simulation to improve standardized test scores. 2015 Elevate Outcomes with HESI Conference, 14 March, Southlake, TX

**Kardong-Edgren, S.** (2015). Gordon Lectureship, International Meeting of the Society for Simulation in Healthcare. 11 January, New Orleans, LA

**Kardong-Edgren, S.** (2015). Deliberate practice: Who, what, when, where, why, how? Elsevier Faculty Development Conference, 5 January, Scottsdale, AZ

**Kardong-Edgren, S.** (2015). NCSBN National Simulation Study Results: What do they mean for educators? Elsevier Faculty Development Conference, 6 January, Scottsdale, AZ.

**Kardong-Edgren, S.** (2014). The NCSBN National Simulation Study findings: Implications for faculty and nurse educators. 41<sup>st</sup> National Conference of the Professional Nurse Educators Group, 5 October, Rochester MN

**Kardong-Edgren, S.** (2014). NCSBN Simulation Study Results: What do they mean for nursing? Osaka Prefecture University. 9 September. Osaka, Japan

**Kardong-Edgren, S.** (2014). NCSBN Simulation Study Results: What do they mean for nursing? Kobe City College of Nursing. 8 September, 2014. Kobe, Japan.

**Kardong-Edgren, S.** (2014). NCSBN Simulation Study Results: What do they mean for nursing? Japanese Simulation Users Network, 6 September, Tokyo, Japan.

Freeman, K., Nestel, D., **Kardong-Edgren, S.**, Spain, A. (2014). Selling your ideas. SIMHealth Australia, 27 August, Adelaide, AUS

Nestel, D., Gubrud-Howe, P., Kelly, M., **Kardong-Edgren, S.**, Jeffries, P. (2014). Round table: Replacing traditional clinical placement with simulation- what evidence do we need? SIMHealth Australia. 27 August, Adelaide, AUS.

**Kardong-Edgren, S.** (2014). State of the science in nursing education. A connection between simulation and clinical performance. SPRING Simulation Center Opening. 23 May, Chung Ang University. Seoul, Korea.

**Kardong-Edgren, S.** (2014). A research agenda for nursing simulation. SPRING Simulation Center Opening. 23 May, Chung Ang University. Seoul, Korea.

**Kardong-Edgren, S.** (2014). Writing for publication. SPRING Simulation Center Opening. 23 May, Chung Ang University. Seoul, Korea.

**Kardong-Edgren, S.** (2014). Enhancing your career by reviewing for journals and writing for publication. Invited preconference. 1<sup>st</sup> Clinical Simulation Conference. Mohammed Bin Rashid Academic Medical Center, 25 February, 2014, Dubai, United Arab Emirates.

**Kardong-Edgren, S.** (2014). Simulation integration into nursing curricula in 2014: An evidence-based approach. Invited keynote. 1st Clinical Simulation Conference. Mohammed Bin Rashid Academic Medical Center, 26 February, 2014, Dubai, United Arab Emirates.

Greenawalt, J., Scerbo, M., McGaghie, W., **Kardong-Edgren, S.**, Nestel, D. (2014) Theoretical frameworks: How they relate to your research study OR improving your research by using theory. International Meeting of the Society for Simulation in Healthcare. San Francisco, CA, 27 January.

**Kardong-Edgren, S.**, Pillai, S., Groom, J. (2013). Research Writer's Workshop. Invited preconference. 2nd Asia Pacific Meeting on Simulation in Healthcare. 24 October, 2013. Shanghai, China.

**Kardong-Edgren, S.**, Koh, S. (2013). State of the science in nursing simulation. Plenary. 2nd Asia Pacific Meeting on Simulation in Healthcare. 26 October, 2013. Shanghai, China.

**Kardong-Edgren, S.**, Lampotang, S., Anderson, M., LeFlore, J. Sideras, S., Groom, J. (2013). Problems in conducting simulation-based research. Expert panel. 2nd Asia Pacific Meeting on Simulation in Healthcare. 26 October, 2013. Shanghai, China.

Schwartz, M., **Kardong-Edgren, S.** (2013). Assessment in healthcare simulation. Expert panel. 2nd Asia Pacific Meeting on Simulation in Healthcare. 26 October, 2013. Shanghai, China.

**Kardong-Edgren, S.** (2012). New frontiers in simulation. Keynote. Society of Simulation Applied to Medicine in Europe (SESAM) Annual Conference. 14 June, Stavanger, Norway.

Decker, S., Grady, P., Jeffries, P., **Kardong-Edgren, S.** (2011). Leadership in simulation: Looking forward, looking back. Spunt Lectureship. 24 September, National League for Nursing Summit, Orlando, FL.

Decker, S., Grady, P., Jeffries, P., **Kardong-Edgren, S.** (2011). Meet the experts panel on Simulation. 23 September, National League for Nursing Summit, Orlando, FL.

**Kardong-Edgren, S.** (2011). What is the return on investment (ROI) on simulation? International Research Congress of Sigma Theta Tau. 11-13 July, Cancun, Mexico.

**Kardong-Edgren, S.** (2011). What we don't know about simulation and what can be researched using simulation? International Research Congress of Sigma Theta Tau. 11-13 July, Cancun, Mexico.

Mancini, M.E., **Kardong-Edgren, S.**, Siau, C. (2011). Integrating simulation into your curriculum. Asia Pacific Meeting on Simulation in Healthcare. 19 May, Hong Kong, China.

Howard, V. M., **Kardong-Edgren, S.**, Mancini, M.E. (2011). Creating meaningful simulation research. Asia Pacific Meeting on Simulation in Healthcare. 20 May, Hong Kong, China.

**Kardong-Edgren, S.**, Oermann, M. (2011). Monthly six minute CPR skill practice sessions with VAMs improve CPR skills in nursing students. International Meeting of the Society for Simulation in Healthcare. Research podium presentation. Awarded 3<sup>rd</sup> place research abstract. 26 January, New Orleans, LA.

**Kardong-Edgren, S.** (2011). Striving for better and meaningful simulation research. Webinar for the 2010-2012 National League for Nursing Simulation Scholars. 4 January.

**Kardong-Edgren, S.**, Leighton, K., Howard, V., Kelly, M., Jeffries, P., Todd, F., Chatillon, H. (2011). Meet the Sim-Pros. International Meeting of the Society for Simulation in Healthcare. 24 January, New Orleans, LA.

**Kardong-Edgren, S.** (2010). Research in nursing simulation: who, why, how, now. Invited Deborah Spunt Lectureship in Simulation. The National League for Nursing Summit, 2 October, Las Vegas, NV.

Oermann, M., **Kardong-Edgren, S.** (2010). The NLN/Laerdal project: Outcomes of a research study to determine effects of brief monthly practice on nursing students CPR skill following traditional face to face or electronic CPR training. NLN Summit, 1 October, Las Vegas, NV.

**Kardong-Edgren, S.** (2010). Oh Pioneers: Why simulation will not go away. Keynote address. 2<sup>nd</sup> Swiss Conference on Standardized Patients and Simulation. 9 September, Bern, Switzerland.

**Kardong-Edgren, S.** (2010). Tools for simulation evaluation. HECVSante, 8 September, Lausanne, Switzerland.

**Kardong-Edgren, S.** (2010). Oh Pioneers: Why simulation will not go away and why you are so tired. Keynote address. International Association of Clinical Simulation and Learning (INACSL), 9<sup>th</sup> Conference, 16 June, Las Vegas.

**Kardong-Edgren, S.** (2010). Writing for publication: You CAN do this! Invited presentation at the Mosby Faculty Development Conference, 5 January, San Diego.

**Kardong-Edgren, S.** (2010). Inquiry-based learning: Teaching for life-long and life-wide learning. Invited presentation at the Mosby Faculty Development Conference, 5 January, San Diego.

**Kardong-Edgren, S.** (2009). From presentation to publication. Invited presentation to the Peter M. Winter Institute for Simulation Education and Research 3rd Annual Symposium on Nursing Simulation. 4 December, Pittsburgh, PA.



**Kardong-Edgren, S.** (2009). Blended learning: building competency with blended learning. Results of a multi-site pre-licensure nursing education study using Heartcode BLS. Invited presentation at Simulation Users Network (SUN). 20 October, San Francisco.

**Kardong-Edgren, S.** (2009). A 50,000 foot view of simulation from a 12,500 kinda' gal. Invited keynote at SIMTECT HEALTH 2009. 7 September, Melbourne Australia.

**Kardong-Edgren, S.** (2009). Simulation evaluation tools. An imperative for the discipline. Invited presentation at SIMTECT HEALTH 2009. 7 September, Melbourne Australia.

**Kardong-Edgren, S.** (2009). Writing for publication. You can do it. Invited presentation at SIMTECT HEALTH 2009. 7 September, Melbourne Australia.

**Kardong-Edgren, S.** (2009). Interprofessional buy-in for simulation: why you want it, how to get it. Invited Pre-conference at SIMTECT HEALTH 2009. 7 September, Melbourne Australia.

**Kardong-Edgren, S., Ackerman, A., Hanberg, A., Keenan, C.** (2009). High stakes testing: Is it right for the skills/simulation lab? Invited round table at International Association of Clinical Simulation and Learning (INACLS) Conference, 12 June, St. Louis, MO.

Kyle, R. & **Kardong-Edgren, S.** (2008). Reading, writing and research: The pathway to scholarly success in simulation. Invited presentation to the Peter M. Winter Institute for Simulation Education and Research 2<sup>nd</sup> Annual Symposium on Nursing Simulation. 5 December, Pittsburgh, PA.

**Kardong-Edgren, S.** (2008). Unconscious incompetence to at least conscious incompetence: Strategies to increase cultural awareness. Invited National League for Nursing Webinar series. March 25 & 27.

**Kardong-Edgren, S.** (2001). Using evidence based practice to improve intrapartum nursing care. Invited Fall Regional Perinatal Outreach Symposium, October 25. Ontario, Canada.

#### Invited Local, Regional, and State Presentations

**Kardong-Edgren, S.** (2022). Transforming resuscitation for life-one nursing student at a time. Laerdal Simulation Users Network meeting, Houston TX. 14 Sept.

**Kardong-Edgren, S.** (2021). State of the science: Clinical nursing education and simulation. Invited Wilkerson Endowed Lectureship. 8 November. Texas A & M University, Bryan College Station, TX.

**Kardong-Edgren, S. & Aebersold, M.** (2021). Improving community-based emergency room pediatric treatment: the ImPACTS program. Southwestern Region Simulation and Operations Series Simulation Grand Rounds, Virtual. 20 August.

**Kardong-Edgren, S.,** (2021). Simulation: BC (before Covid) and AC (after COVID) New opportunities, New Challenges. Simulation Professionals of Texas Virtual Meeting. April 12.

**Kardong-Edgren, S.** & Blodgett, N. (2020). Faculty workload in simulation. NLN/Boise Simulation Conference. Boise ID, 15 May. Cancelled due to Corona virus.

**Kardong-Edgren, S.** (2019). When those dominos start to fall...watch out! Innovations in Simulation. Columbia University, NYC, 11 October.

**Kardong-Edgren, S.** (2019). What don't we know? What should we be studying in nursing education? Southern Connecticut State University, Danbury CT, 14 August.

**Kardong-Edgren, S.** (2019). Our academic iceberg is melting. Simulation conference. George Washington University, Washington DC, 22 March.

**Kardong-Edgren, S.** (2019). Ratio of clinical hours to simulation hours: What do we know? Simulation conference. George Washington University, Washington DC, 22 March.

**Kardong-Edgren, S.,** Horsley, L. (2018). Simulation workshop. 17-18 December, University of Alaska, Anchorage, AK.

**Kardong-Edgren, S.,** Bajaj, K., Eikeland Husebo, S., Gore, T., Park, C. (2018). Linking simulation to improved patient safety outcomes. Helen Fuld Trust Simulation Education Summit, Columbia University, 12 October, NYC.

**Kardong-Edgren, S.** (2018). Deliberate practice and mastery learning: What, how, why...and inconvenient theories. 28 July. University of Alabama, Birmingham.

**Kardong-Edgren, S.** & McDermott, D. (2018). 2018 SSH-INACSL Simulation Regional Workshop. 20 April, RMU, Moon Township, PA.

**Kardong-Edgren, S.** (2017). Deliberate practice and mastery learning: What, why, how, and inconvenient theories. 20 November, Western Canada Health Sciences Educators, Vancouver, CA.

**Kardong-Edgren, S.** (2017). Deliberate practice and mastery learning: What, why, how, and inconvenient theories. 16 November, MacEwan University, Edmonton, Alberta, CA.

Haskell, H., Greenawalt, S., **Kardong-Edgren, S.** (2016). Stop systems errors in the healthcare world. 1 April. Indiana University of PA. Indiana, PA.

**Kardong-Edgren, S.** (2016). Deliberate practice. What, why how? University of North Carolina Chapel Hill College of Nursing, 18 Feb, NC.

Ellertson, A., **Kardong-Edgren, S.,** Butt, A. (2015). Virtual reality nursing simulation with custom haptic system for patient safety. WICHE WCET conference, 12 November, Denver, CO

**Kardong-Edgren, S.** (2015). The US NCSBN National Simulation Study: How results might inform nursing education in Pennsylvania. Pennsylvania Higher Education Nursing School Association. 8 April, Harrisburg, PA

**Kardong-Edgren, S.** (2014). The Ottawa Sim One briefing on the NCSBN National Simulation Study. (Webinar). Sim One. 7 November, Ottawa, Ontario, CA.

**Kardong-Edgren, S.,** Hayden, J. (2014). Results of the NCSBN Study. (Webinar for INACSL.)

**Kardong-Edgren, S.** (2014). Results of the NCSBN Study to date-graduation to practice. Keynote. NLN/Boise State 2<sup>nd</sup> Simulation Conference. 26 April, Boise, ID.

**Kardong-Edgren, S.** (2014). Wild and wicked thoughts on interprofessional education. Keynote. Florida Simulation Alliance. 14 March, Miami, FL.

Groom, J., **Kardong-Edgren, S.** (2014). 360<sup>0</sup> Simulation-learners as SIM facilitators. Florida Simulation Alliance. Miami, F. 14 March, Miami, FL.

**Kardong-Edgren, S.** (2013). State of the science in simulation education 2013. Plenary. Hot topics in simulation education. New York City Simulation Symposium. 11 October, NYC.

**Kardong-Edgren, S.** (2013). Research challenges and dilemmas...(oh my!). Hot topics in simulation education. New York City Simulation Symposium. 11 October, NYC.

**Kardong-Edgren, S.** (2013). Crossing the bridge from simulation to publishing. Plenary. WISER Nursing Simulation Conference. 6 June, Pittsburgh, PA.

Groom, J. **Kardong-Edgren, S.** (2013). Sim 360: Simulation-based experiential learning. WISER Nursing Simulation Conference. 6 June, Pittsburgh, PA.

**Kardong-Edgren, S.** (2013). State of the science, 2013. Keynote. 7th Annual Simulation Conference: Simulation for success: Using simulation to achieve better outcomes. Oklahoma City Community College. 31 May, Oklahoma City, OK.

**Kardong-Edgren, S.** (2013). Interdisciplinary simulation: Concept to implementation. Keynote. 2<sup>nd</sup> Annual Nursing Education and Practice Symposium: Beyond Cooperation to Collaboration. College of DuPage, 23 April, Glen Ellyn, IL.

**Kardong-Edgren, S.** (2013). NCSBN National Simulation Study: Best practices and findings. 2nd Annual Nursing Education and Practice Symposium: Beyond Cooperation to Collaboration. College of DuPage, 23 April, Glen Ellyn, IL.

**Kardong-Edgren, S.** (2013). State of the science: What we think we know, what we will know shortly, what's probably coming next. Keynote. New Jersey League for Nursing Education Preconference, 20 March, Atlantic City, NJ.

**Kardong-Edgren, S.** (2013). Conducting a simulation using current best practices. New Jersey League for Nursing Education Preconference, 20 March, Atlantic City, NJ.

**Kardong-Edgren, S.** (2013). A tale of the wind and the sun: Managing simulation integration into a nursing program. New Jersey League for Nursing Education Preconference, 20 March, Atlantic City, NJ.

**Kardong-Edgren, S.** (2013). Evaluation tools for simulation...and maybe for clinical? . New Jersey League for Nursing Education Preconference, 20 March, Atlantic City, NJ.

**Kardong-Edgren, S.** (2013). Interprofessional education: Why simulation will not go away. New Jersey League for Nursing Education Preconference, 20 March, Atlantic City, NJ.

**Kardong-Edgren, S.** (2013). Town hall meeting on high stakes testing. New Jersey League for Nursing Education Preconference, 20 March, Atlantic City, NJ.

**Kardong-Edgren, S.** (2012). What is happening in simulation? Keynote. Haggerstown Consortium Simulation Conference. 5 June, Haggerstown, PA.

**Kardong-Edgren, S.** (2012). Publish or perish: Getting your simulation results published. Keynote. 5<sup>th</sup> WISER Center Simulation Conference for Nursing. 24 May, Pittsburgh, PA.

**Kardong-Edgren, S.** (2012). Update on simulation evaluation tools. NLN Regional Simulation Conference. 28 April, Boise, ID.

**Kardong-Edgren, S.** (2012). Better simulation research. NLN Regional Simulation Conference. 28 April, Boise, ID.

Decker, S., **Kardong-Edgren, S.** (2012). What's happening in sim? Co-Keynote. NLN Regional Simulation Conference. 27 April, Boise, ID.

**Kardong-Edgren, S.** (2012). Simulation keynote. Chico State University. 13 April, Chico, CA.

**Kardong-Edgren, S.** (2011). Simulation: It really is magic. Keynote. The Magic of Teaching conference. 18 October, San Diego, CA.

**Kardong-Edgren, S.** (2011). Oh you northwest pioneers. Keynote. HPSN Northwest Regional Meeting. 19 August, Seattle, WA.

**Kardong-Edgren, S.,** (2011). Publishing your work. 1<sup>st</sup> Midwest Conference for Excellence in Clinical Simulation. 30 July, Lincoln, Nebraska.

**Kardong-Edgren, S.** (2011). Simulation research: Get in the game. Keynote. 1<sup>st</sup> Midwest Conference for Excellence in Clinical Simulation. 29 July, Lincoln, Nebraska.

**Kardong-Edgren, S.** (2011). Strategies and innovations in simulation education. Keynote at The ELITE (Emerging Learning and Integrated Technologies Education) Conference. University of Pittsburgh, 23 June.

**Kardong-Edgren, S.** (2011). Publishing in simulation. Invited presentation at The ELITE (Emerging Learning and Integrated Technologies Education) Conference. University of Pittsburgh, 23 June.

**Kardong-Edgren, S.** (2011). What is going on in nursing simulation? Keynote. 1<sup>st</sup> Annual LLU MSC Regional Simulation Conference. Loma Linda University, Riverside, CA. 5 May.

**Kardong-Edgren, S.** (2011). Oh you Michigan Pioneers. Keynote. 4 April, Grand Rapids, Michigan.

**Kardong-Edgren, S.** (2009). Simulation: Helping young women to relate to math and science. Invited speaker presentation to Inspiring Girls Now in Technology Evolution (IGNITE). 12 March, Spokane, WA.

**Kardong-Edgren, S.** (2009). Simulation: What do you do exactly? Sacred Heart Medical Center. March 27, Spokane WA.

**Kardong-Edgren, S.** (2008). Simulation technology in education and practice. Invited presentation as the 2008 Ida Graham Strain Lecturer, Northwestern University, November 13<sup>th</sup>. Shreveport, LA.

#### International and National Presentations

**Kardong-Edgren, S.,** Morris, M., Weaver, A., Duke, A., Lababidi, H. (2023). A standard of excellence: tackling competency validation in nursing. International Meeting of the Society for Simulation in Healthcare, 25 January, Orlando.

Ng, G., Setnick, L., Roussin, C., Syield, D., **Kardong-Edgren, S.** (2023). Improving debriefing skills through peer observation and feedback. International Meeting of the Society for Simulation in Healthcare, 24 January, Orlando.

Rudolph, J., Roussin, C., Syield, D., Setnick, L., **Kardong-Edgren, S.,** Chung, S.Y. (2023). Center for Medical Simulation presents DASH up your debriefing learning curve. International Meeting for the Society for Simulation in Healthcare. 23 January, Orlando.

**Kardong-Edgren, S.** & Aebersold, M. (2022). Climbing Mt. Everest to experience leadership principles. SimGHOSTS. 4 August. Dallas TX

**Kardong-Edgren, S.** & Leighton, K. (2022). Lost in Wonderland: Implications of recent research about clinical education in US prelicensure nursing programs. International Nursing Honor Society (STTI), 24 July, Edinburgh, Scotland.

**Kardong-Edgren, S.** (2022). Clinical simulation scenario writing workshop. Virtual 7th International Conference on Radiation Medicine. 15 February. Riyadh, Saudi Arabia.

**Kardong-Edgren, S.** (2022). Quick review of education trends pre and post COVID, in Simulation. Virtual 7th International Conference on Radiation Medicine. 15 February. Riyadh, Saudi Arabia.

Lababidi, H. & **Kardong-Edgren, S.** (2022). The realities of high stakes assessments with simulation. Virtual 7th International Conference on Radiation Medicine. 15 February. Riyadh, Saudi Arabia.

**Kardong-Edgren, S.** (2022). Clinical learning environments BT (The Before Time) and AC (After Covid). Virtual 7<sup>th</sup> International Conference on Radiation Medicine. 16 February, Riyadh, Saudi Arabia.

Dieckmann, P., **Kardong-Edgren, S.**, Aebersold, M., Lundsgaard, K., Knudsen, D. (2022). Re-enacting expeditions in crisis to explore cognitive and social skills. International Meeting of the Society for Simulation in Healthcare. 17 January. Los Angeles, CA.

Leighton, K. & **Kardong-Edgren, S.**, (2022). What did you do during COVID-19? Uncovering narratives of pandemic non-participatory guilt in the simulation community. International Meeting of the Society for Simulation in Healthcare. 16 January. Los Angeles, CA.

Bowler, F., Decker, S., Hallmark, B., McDermott, D., Rossler, K., Watts, P., & **Kardong-Edgren, S.**, (2022). Updates to 2021 INACSL Healthcare Simulation Standards. [Podium presentation]. International Meeting on Simulation in Healthcare (IMSH), 18 January. Los Angeles

**Kardong-Edgren, S.**, Charnetski, M., Healthcare Distance Simulation Collaboration. (2021). How was distance simulation used during the pandemic? Results of an international survey. SimGHOST 4 August. Ft. Wayne, IN

**Kardong-Edgren, S.** (2021). Healthcare simulation standards of best practice TM: What's easy? What's hard? SimGHOST 5 August. Ft. Wayne, IN

**Kardong-Edgren, S.**, Aebersold, M. (2021). Virtual conference. Improving community-based emergency room pediatric treatment: The ImPACTS program. International Nursing Association of Clinical Simulation and Learning. 16 June.

**Kardong-Edgren, S.** Andersen, P. (2021). Virtual conference. Poster. A pilot study comparing art enhanced simulation debriefing with traditional debriefing. International Nursing Association of Clinical Simulation and Learning. 16-18 June.

**Kardong-Edgren, S.** (2021). Webinar. Badging for simulation: What, Why, How? Healthy Simulation Online. 12 May.

**Kardong-Edgren, S.** (2021). Webinar. Making a contribution to the research team as a novice SOS. Society for Simulation Operations Technology Section. 12 April.

Muckler, C., Groom, J., **Kardong-Edgren, S.** (2021). Use of simulation for re-entry and recertification for CNRAs. International Meeting of the Society for Simulation in Healthcare, virtual. January virtual event.

Muckler, V.C., **Kardong-Edgren, S.**, Aebersold, M. (2020). (Poster). NBCRNA Pilot: Simulation in lieu of recertification examination. American Academy of Nursing Virtual Policy Conference. Washington DC., 29 October.

Foisy-Doll, C., **Kardong-Edgren, S.**, Leighton, K., McDermott, D. S., Schneidereith, T. (2020). (Webinar). Volatility, uncertainty, complexity, ambiguity: It's a VUCA world now: How is simulation coping. International Nursing Association of Clinical Simulation and Learning. 17 September.

Miller, C., Bryant, K., Horsley, E., Servotte, J. C., **Kardong-Edgren, S.** (2020). (Webinar.) EndNote panel: Simulation solutions during a pandemic. INACSL Virtual Conference, 26 June.

Dang, B., Johnson, B.K., Wood, A., Gilbert, G., **Kardong-Edgren, S.** (2020). Immersive video technology: Highly engaging cost –efficient, standardized clinical simulations for remote learning. Nursing Education Research Conference, Washington DC, 28 March. Cancelled due to Corona virus.

**Kardong-Edgren, S.** & Breitkreuz, K. (2020). A multi-site study evaluating a VR game for reinforcing sterile catheter insertion skills. Nursing Education Research Conference, Washington DC, 28 March. Cancelled due to Corona virus.

**Kardong-Edgren, S.**, Sanderson, L., Torman, D. (2020). Evidence based practices to improve skills training. International Meeting for the Society for Simulation in Healthcare, San Diego, 21 January.

**Kardong-Edgren, S.**, Swiderski, D., Cheng, S. Waseem, M., Charles, S. (2020). SSH presents new CHSE and CHSOS interactive blueprint review reference manual. International Meeting for the Society for Simulation in Healthcare, San Diego, 20 January.

Rudolph, J., Buleon, C., Chan, A., Fey, M., Palaganas, J., Diederich, E., **Kardong-Edgren, S.** (2020). Creating a peer feedback culture using the DASH 2020. International Meeting for the Society for Simulation in Healthcare, San Diego, 18 January

Sullivan, N., Swoboda, S., Breymier, T., Rutherford-Hemmings, T., Lucas, L., Sarasnick, J., **Kardong-Edgren, S.** (2019). Comparing the simulation and clinical environments: An observational study. National League for Nursing Summit, Washington DC, 27 September.

**Kardong-Edgren, S.** (2019). The care and feeding of your H-Index. National League for Nursing Summit, Washington DC, 26 September.

Masnyk, K., **Kardong-Edgren, S.**, Parikh, R. (2019). Avatars, goggles, and gloves: Oh my! A debate on the future of competency assessment. Council on Licensure, Enforcement, and Regulation. Minneapolis, MN, 20 Sept. (Awarded 2019 CLEAR Innovation Session Award.)

**Kardong-Edgren, S.**, Scerbo, M., Nelson, D., Breikreuz, K., O'Donnell, J. (2019). Tales from the field on product usability testing: What, how, why. International Meeting for the Society for Simulation in Healthcare. San Antonio, TX, 28 January.

**Kardong-Edgren, S.**, Waxman, KT, Forneris, S., Rizzolo, M.A. (2019). Simulation as Trojan Horse: How Simulation Informs and Can Transform Clinical Teaching. International Meeting for the Society for Simulation in Healthcare. San Antonio, TX, 27 January.

Andersen, P., **Kardong-Edgren, S.**, Howard, V. (2019). Use a Tag Team Approach to Engage Diverse Learners in Patient Safety and Corporate Management Simulations. International Meeting for the Society for Simulation in Healthcare. San Antonio, TX, 26 January.

Decker, S., Lopriato, J., **Kardong-Edgren, S.**, (2019). Establishing inter and intra-rater reliability for sim based assessment. International Meeting for the Society for Simulation in Healthcare. San Antonio, TX, 26 January.

Gluck, K., Krusmark, M., **Kardong-Edgren, S.**, Oermann, M., Griffin, R., Harris, J., Jastrzembski, T., (2018). (Poster.) Comparison of performance for RQI CPR training with and without dynamic feedback: implications for skill measurement, system design, and certification policy. American Heart Association Scientific Sessions, Chicago, IL. 11 Nov.

**Kardong-Edgren, S.**, Barber, J. (2018). (Webinar). Executive leadership training using SPs and TeamSTEPPS. SSH Nursing Special Interest Group. 28 August.

**Kardong-Edgren, S.**, Bargerstock, D., Schleicher, M. (2018). (Poster). Developing a growing simulation team using Kouzes and Posner Leadership Challenge principles. International Nursing Association of Clinical: Simulation and Learning, 15 June. Toronto, CA.

Blodgett, N., Blodgett, T., **Kardong-Edgren, S.** (2018). Simulation faculty workload determination: A panel discussion. International Nursing Association of Clinical: Simulation and Learning, 15 June. Toronto, CA.

Barsuk, J., McGaghie, W.H., Cooper, J., **Kardong-Edgren, S.** (2018). Assessment in simulation. International Meeting of the Society for Simulation in Healthcare, 16 January. Los Angeles, CA

Anderson, M., Willhaus, J., Waxman, KT, **Kardong-Edgren, S.**, Sittner, B., Navado, D., Griswold, S. (2018). Formal training programs: Building simulationists from the ground up. International Meeting of the Society for Simulation in Healthcare, 16 January. Los Angeles, CA

**Kardong-Edgren, S.**, Leighton, K., Mancini, M., Purva, M., Griswold-Theodorson, S., Gore, T., Spain, A. (2018). Standards for simulation: Why or why not? International Meeting of the Society for Simulation in Healthcare, 15 January. Los Angeles, CA

**Kardong-Edgren, S.** (2018). The care and feeding of your h-index and other citation metrics: It's not just the Impact Factor anymore. International Meeting of the Society for Simulation in Healthcare, 15 January. Los Angeles, CA



Clark, C., **Kardong-Edgren, S.** (2017). Combining cognitive rehearsal, simulation, and biomarkers to assess newly graduated nurses' ability to address workplace incivility. International Honor Society of Nursing, 30 October, Indianapolis, IN.

**Kardong-Edgren, S.** (2017). Zero to 60: Building research teams quickly for multisite research. International Honor Society of Nursing, 29 October, Indianapolis, IN.

**Kardong-Edgren, S.,** Gore, T., Waxman, KT. (2017). Sharing student performance. INACSL conference, 24 June. Washington DC.

Turkelson, C.L., Dubert, C., **Kardong-Edgren, S.,** Aebersold, M., Mariani, B., Badowski, D., Rossler, K. (2017). The INACSL Research Fellowship: Learning how to be a successful grant writer. INACSL conference, 23 June. Washington DC.

**Kardong-Edgren, S.,** Miller, C., Sarasnick, J., Rogers, N., Yau, E. (2017). Planning and managing a complex multi-site study in the age of technology. INACSL conference, 23 June. Washington DC.

Gonzalez, L., **Kardong-Edgren, S.** (2017). Mastery learning through deliberate practice in nursing education. INACSL conference, 23 June. Washington DC.

Willhaus, J., **Kardong-Edgren, S.,** Clark, C. (2017). Using cognitive rehearsal and simulation to study workplace incivility in newly graduated nurses. INACSL conference, 22 June. Washington DC

**Kardong-Edgren, S.,** Miller, C., Rogers, N., Sarasnick, J., Yau, E. (2017). Evaluation of a performance predictor optimizer program to sustain CPR skill competency. INACSL conference, 22 June. Washington DC

**Kardong-Edgren, S.,** Mariani, B., Cantrell, M.A., Leighton, K., Gilbert, G. (2017). A gathering of researchers. INACSL conference, 21 June. Washington DC.

**Kardong-Edgren, S.,** Andersen, P. (2017). Assessing competency in nursing: A roundtable discussion for best ideas and potential solutions. 23 May, 7th International Clinical Skills Conference, Prato, Italy.

**Kardong-Edgren, S.,** Greenawalt, J. (2017). A hands on and philosophical approach experience with 2.5 ways to set cut scores (passing scores) for psychomotor skills check offs. 23 May, 7th International Clinical Skills Conference, Prato, Italy.

**Kardong-Edgren, S.,** Gonzalez, L. (2017). (Webinar). Setting a legally defensible cut or passing score using the Angoff Method. INACSL. 20 March.

Lin, Y., Auerbach, M., Calhoun, A., Cheng, A., Cook, D., Duff, J., Grant, V., **Kardong-Edgren, S.,** Kessler, D. (2017). Reporting as simulation-based research study. IMSH, 2017, 31 January, Orlando, FL

Morgan, R., Schaefer, J., Jeffries, P., **Kardong-Edgren, S.** (2017). Future strategic initiatives in simulation: Pro-con debate. IMSH, 2017.

**Kardong-Edgren, S.,** Gore, T., Waxman, K.T. (2017). Sharing student performance information between simulation and clinical faculty: Confidentiality violation or evolutionary next step? IMSH, 1 Feb 2017, Orlando, FL.

**Kardong-Edgren, S.,** Leighton, K. (2016). Challenging the system: Building a sustainable educational research program using innovative funding. INACSL Conference, 17 June, Grapevine, TX.

Horsley, L., **Kardong-Edgren, S.** (2016). What can the NFLA do for a junior nurse faculty in simulation? INACSL Conference, 17 June, Grapevine, TX.

**Kardong-Edgren, S.,** Aebersold, M. (2016). Applying lessons learned from the American Academy of Nursing Leadership Workshop to Simulation. INACSL Conference, 17 June, Grapevine, TX.

**Kardong-Edgren, S.,** Harder, N., Dreifuerst, K. (2016). Writing for publication. INACSL conference, INACSL Conference, 16 June, Grapevine, TX.

**Kardong-Edgren, S.,** Aebersold, M., (2016). INACSL Research Fellowship 7 hour workshop. 15 June, INACSL Conference, Grapevine, TX.

**Kardong-Edgren, S.** (2016). What do the NCSBN Simulation Guidelines mean to me? AACN Webinar. 13 April.

**Kardong-Edgren, S.,** Gonzalez, L. (2016). Deliberate practice for skills training: What, why, how? INACSL Webinar. 23 March.

Rizzolo, M.A., Forneris, S., **Kardong-Edgren, S.** (2016). High stakes assessment workshop: Essentials of design, delivery & evaluation. International Meeting of the Society for Simulation in Healthcare. 16 Jan. San Diego, CA

Forneris, S., Henao, H., **Kardong-Edgren, S.,** Jeffries, P., Quinn, R., Taglierini, E. (2016). Leading change: Effectively substituting simulation for clinical in nursing education. International Meeting of the Society for Simulation in Healthcare. 15 Jan. San Diego, CA

Horsley, L., Peters, E., **Kardong-Edgren, S.** (2015). Shattering the glass ceiling for a junior nurse leader. 43rd STTI Biennial conference. November. Las Vegas, NV

**Kardong-Edgren, S.,** Lasatar, K. (2015). Building and sustaining a program of nursing education research without traditional external funding. National League for Nursing, 23 September, Las Vegas, NV

Rizzolo, M.A., Jeffries, P., Oermann, M., **Kardong-Edgren, S.** (2015). The NLN Project to explore the use of simulation for high stakes assessment. National League for Nursing, 23 September, Las Vegas, NV

**Kardong-Edgren, S.,** Greenawalt, J. (2015). How to write a research abstract and maximize your chances of acceptance. International Nursing Association of Clinical Simulation and Learning. Conference. 10 June, Atlanta, GA.

**Kardong-Edgren, S.,** Adamson, K., Gilbert, G., Prion, S. (2015). Reliability testing of the Quint Leveled Clinical Competency Tool (QLCCT): A tale of two studies. International Nursing Association of Clinical Simulation and Learning. Conference. 12 June, Atlanta, GA.

**Kardong-Edgren, S.,** Greenwalt, J. (2014). Research for novices: Who, what, how, why? Webinar for INACSL. 4 November.

**Kardong-Edgren, S.,** Decker, S., Platt, A. (2014). Deliberate practice and master learning: What, why, how and current research. National League for Nursing. 17 September, Phoenix, AZ.

**Kardong-Edgren, S.,** Willhaus, J., Connor, K., Mulcock, P. (2014). Using the Angoff method for setting cut scores on written tests and clinical skills check-off sheets. (Poster). National League for Nursing. 17 September, Phoenix, AZ.

Rizzolo, M.A., **Kardong-Edgren, S.,** Barnes, L., (2014). The realities of high stakes testing from a nursing and emergency medical technician perspective. International Nursing Association of Clinical Simulation and Nursing. 19 June, Orlando, FL.

**Kardong-Edgren, S.,** Harder, N., Ackermann, A., Leighton, K., Thomas, K. (2014). Writing boot camp: Expert review of your own outline or manuscript. International Nursing Association of Clinical Simulation and Nursing. 18 June, Orlando, FL.

**Kardong-Edgren, S.,** Rizzolo, M.A., Leighton, K., Ravert, P. (2014). Town hall meeting: Are we ready for high stakes testing with simulation? International Nursing Association of Clinical Simulation and Nursing. 21 June, Orlando, FL.

Hayden, J., **Kardong-Edgren, S.** (2014). Development of a standardized simulation curriculum for the NCSBN Simulation Study. International Nursing Association of Clinical Simulation and Nursing. 20 June, Orlando, FL.

**Kardong-Edgren, S.,** Harder, N., Ackermann, A., Leighton, K., Thomas, K. (2014). Reviewer boot camp: Practicing the art of manuscript review. International Nursing Association of Clinical Simulation and Nursing. 18 June, Orlando, FL.

**Kardong-Edgren, S.,** Ackermann, A. (2013). Reviewer bootcamp. Preconference. International Association of Clinical Simulation and Learning, 10th Conference, 12 June, Las Vegas.

**Kardong-Edgren, S.,** Ackermann, A., Thomas, C. (2013). Manuscript intensive bootcamp. International Association of Clinical Simulation and Learning, 10th Conference, 12 June, Las Vegas.

Connor, K., **Kardong-Edgren, S.**, Thomas, C. (2013). Writing for publication. International Association of Clinical Simulation and Learning, 10th Conference, 14 June, Las Vegas.

Issenberg, B., Ringstead, C., **Kardong-Edgren, S.** (2013). Top five topics in simulation that will lead to improved patient outcomes: Results from an Utstein style meeting. International Meeting for the Society for Simulation in Healthcare. Orlando, 29 January.

**Kardong-Edgren, S.**, Reeves, J.L., Spain, A., Dong, Y., Taekman, Y., Bauman, E., White, K. (2013). Social media and its role in simulation: Removing fear and finding ways to blend the two. International Meeting for the Society for Simulation in Healthcare. Orlando, 28 January.

**Kardong-Edgren, S.** (2013). The NLN High Stakes Testing Project. International Meeting for the Society for Simulation in Healthcare. Orlando, 29 January.

Hayden, J., **Kardong-Edgren, S.**, Jeffries, P. (2013). The NCSBN National Simulation Study: First results. International Meeting for the Society for Simulation in Healthcare. Orlando, 29 January.

Cazzell, M., Anderson, M., LeFlore, J., **Kardong-Edgren, S.** (2013). In a pickle: Addressing dilemmas in simulation research. International Meeting for the Society for Simulation in Healthcare. Orlando, 28 January.

**Kardong-Edgren, S.**, Kyle, R., Bonnet-Wyllie, C., Chavira, D. (2013). Letting the mannequin die: Is there a difference in the “lesson of death” for different learners? International Meeting for the Society for Simulation in Healthcare. Orlando, 28 January.

Rizzolo, M., Jeffries, P., **Kardong-Edgren, S.** (2012). NLN project to explore the use of simulation for high stakes assessment. International Association of Clinical Simulation and Learning. 23 June, San Antonio.

Willhaus, J., **Kardong-Edgren, S.** (2012). (Poster). Comparison of psychological and physiological measures health professions students during stressful simulations. International Association of Clinical Simulation and Learning. 21 June, San Antonio.

**Kardong-Edgren, S.**, Gore, T., Thomas, C. (2012). Get your ideas published: We did. International Association of Clinical Simulation and Learning. 21 June, INACSL, San Antonio.

**Kardong-Edgren, S.**, Ackermann, A. (2012). A hands on approach to manuscript review. Preconference. International Association of Clinical Simulation and Learning. 20 June, San Antonio.

Dieckmann, P., Gaba, D., Nestel, D., Howard, S., Soyland, E., Marshall, S., Kranz, K., Bauman, E., **Kardong-Edgren, S.** (2012). Debriefing Olympics. International Meeting for the Society for Simulation in Healthcare. 30 January, San Diego. 30 January, San Diego.

Anderson, M., **Kardong-Edgren, S.**, Christian, S. (2012). Short vs. long simulations: A debate. International Meeting for the Society for Simulation in Healthcare. 30 January, San Diego.

Rizzolo, M., Jeffries, P., **Kardong-Edgren, S.**, Oermann, M. (2011). NLN Project to explore the use of simulation for high stakes testing. National League for Nursing Summit, 23 September, Orlando, FL.

Taibi, D., Abu-Rish, E., **Kardong-Edgren, S.**, Liner, D., Wilson, S., Wolff, J. (2011). (Poster) The path to INCITE: A team approach to a simulation training collaborative. International Association of Clinical Simulation and Learning. 1<sup>st</sup> place poster in educational track. June 16, Orlando, FL.

Rizzolo, M.A., Oermann, M., Jeffries, P., **Kardong-Edgren, S.** (2011). NLN project to explore use of simulation for high stakes assessment. International Association of Clinical Simulation and Learning. June 16, Orlando, FL.

Oermann, M. **Kardong-Edgren, S.** Odom-Maryon, T. (2011). CPR compression and ventilation skills: Can nurses achieve the 2010 AHA guidelines? Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke 2011 Scientific Sessions. May 12-14. Washington DC.

**Kardong-Edgren, S.**, Reed, S., Sweeney, L., Roche, J., Hawkins, K., Calhoun, A. (2011). Update on tools for simulation evaluation. International Meeting of the Society for Simulation in Healthcare. 24 January, New Orleans.

**Kardong-Edgren, S.**, Schaefer, J., Uhlig, P., Howard, V. (2011). Clash of the Titans: Qualitative vs. quantitative research in simulation. International Meeting of the Society for Simulation in Healthcare. 25 January, New Orleans.

**Kardong-Edgren, S.**, Adamson, K., Gantt, L. (2011). A methodology for rapid evaluation of simulation evaluation tools. International Meeting of the Society for Simulation in Healthcare. 24 January, New Orleans.

**Kardong-Edgren, S.**, Oermann, M. (2011). Poster. Monthly six minute CPR skill practice sessions with VAM manikins improve CPR skills in nursing students. International Meeting of the Society for Simulation in Healthcare. 24 January, New Orleans.

Oermann, M., **Kardong-Edgren, S.**, Odom-Maryon, T. (2010). A “maintenance of competence” strategy for BLS training maintains or improves BLS skills among nursing students over 1 year. American Heart Association Resuscitation Science Symposium. 11 October, Chicago, IL.

**Kardong-Edgren, S.**, Anderson, M., Reed, S., Manz, J., Sweeney, N., Arnold, J., Hogan, M., Roche, J., Ravert, P., Rizzolo, M.A. (2010). Developing tools for simulation evaluation. International Association of Clinical Simulation and Learning, 9<sup>th</sup> Conference, 17 June, Las Vegas.

**Kardong-Edgren, S.,** Arnold, J. (2010). Writing for publication. International Association of Clinical Simulation and Learning, 9<sup>th</sup> Conference, 17 June, Las Vegas.

Oermann, M. **Kardong-Edgren, S.** Keegan-McColgan, J. et al. (2010). (Poster). A comparison of Heartcode BLS to instructor-led CPR courses for pre-licensure nursing students. International Association of Clinical Simulation and Learning, 9<sup>th</sup> Conference, 17 June, Las Vegas.

Dieckmann, P., Huang, Y., **Kardong-Edgren, S.** Siddall, V. (2010). Simulation-enhanced curriculum design- A systematic approach based on educational principles. Pre-conference workshop. International Meeting for the Society for Simulation in Healthcare, 24 January. Phoenix, AZ.

**Kardong-Edgren, S.,** Anderson, M., Arnold, J., Henderson, D., Jeffries, P., LeFlore, J., Ravert, P., Reed, S. (2010). Developing tools for simulation evaluation: Advice from the trenches. Expert panel. International Meeting for the Society for Simulation in Healthcare, 26 January. Phoenix, AZ.

Oermann, M., **Kardong-Edgren, S.,** Hurd, D., Haus, C., Dowdy, S., Rogers, N., McColgan, J., NLN/Laerdal Research team. (2009). Managing a multisite nursing education study: Outcomes of a CPR training and using a wiki for research. National League for Nursing Education Summit, 24 September, Philadelphia.

**Kardong-Edgren, S.** (2009). Writing for Publication. International Association for Clinical Simulation and Learning, 12 June, St. Louis, MO.

Jeffries, P., Anderson, M., Ackerman, A., Cato, M., Durham, C., Henderson, D., Hovancek, M., **Kardong-Edgren, S.** Lamontagne, C., Prion, S.K., & Ravert, P. (2008). A strategy to promote faculty development in the design and use of simulations. National League for Nursing Education Summit, September 17, San Antonio, TX.

**Kardong-Edgren, S.,** Lungstrom, N., Bendel, R. (2008). Vital Sim vs. SimMan: Comparing US BSN student learning and satisfaction outcomes. Society in Europe for Simulation Applied to Medicine. 21 June, Hatfield, Hertfordshire, United Kingdom.

**Kardong-Edgren, S. &** Arnold, J. (2008). Reviewing for a journal. International Association for Clinical Simulation and Learning, 12 June, San Jose, CA.

**Kardong-Edgren, S. &** Arnold, J. (2008). Writing for publication. International Association for Clinical Simulation and Learning, 13 June, San Jose, CA.

**Kardong-Edgren, S.,** Lungstrom, N., Bendel, R. (2008). Vital Sim® vs. SimMan®: Comparing BSN student learning and satisfaction outcomes. Poster presentation. 8<sup>th</sup> Annual International Meeting on Simulation in Healthcare. 13-14 January, San Diego, CA.

**Kardong-Edgren, S.** (2007). Empower your students with active learning strategies. International Honor Society of Nursing, STTI 39<sup>th</sup> Biennial Conference, 4 November, Baltimore, MD.

**Kardong-Edgren, S. & Lungstrom, N.** (2007). VitalSim® (\$10K) vs. SimMan® (\$35K): Comparing student outcomes of test scores and satisfaction. Professional Nurse Educators Conference, 18 October, Portland, OR.

**Kardong-Edgren, S. & Lungstrom, N.** (2007). How much fidelity is needed? International Skills Conference, 28 June, San Antonio, TX.

Mancini, M., Cason, C. **Kardong-Edgren, S.** (2007). A comparison of attitudes and outcomes of lay people using different types of CPR training. Poster presentation. 7<sup>th</sup> Annual International Simulation in Healthcare Meeting. 16 January, Orlando, Florida.

**Kardong-Edgren, S.** (2007). The changing environment in education: Digital natives and digital immigrants: Ever the twain shall meet. Elsevier Faculty Development Institute, 9 January, San Diego, California.

**Kardong-Edgren, S., Campinha-Bacote, J., & Cason, C.L.** (2006). BSN program evaluation using the IAPCC-R: What we discovered. Poster presentation. Annual Meeting Transcultural Nursing Society, 1 Nov, Baltimore, Maryland.

**Kardong-Edgren, S.** (2006). Do commercially prepared electronic supplements make a difference in physical assessment course grades? National League for Nursing Education Summit. 30 September, New York.

**Kardong-Edgren, S., Mancini, M., Cason, C.** (2006). Instructor led vs. video-based self instruction for CPR: Implications for nursing education. Poster presentation. Drexel University Nursing Education Institute, 9 June, Providence, R.I.

Cason, C.L., Mancini, M.E., & **Kardong-Edgren, S.** (2006). Use of a counter as an aid in learning CPR. Poster presentation. 17<sup>th</sup> Annual International Nurse Educators Conference in the Rockies, July 19, Breckenridge, CO.

**Kardong-Edgren, S.** (2005). An all-comers clinical make-up experience using simulation. Sigma Theta Tau International 38<sup>th</sup> Biennial Convention, 13 November, Indianapolis, Indiana.

**Kardong-Edgren, S.** (2005). Cultural competency of nursing faculty. Sigma Theta Tau International 38<sup>th</sup> Biennial Convention, 14 November, Indianapolis, Indiana.

**Kardong-Edgren, S.** (2005). Academic preparation of health education faculty for teaching cultural competency. Society of Public Health Education Midyear Scientific Conference, April 13, Boston.

**Kardong-Edgren, S.** (2005). Commercially prepared end of course exams as finals: What a rush! 16<sup>th</sup> Annual International Nurse Educator Conference, 22 July, Breckenridge, CO.

**Kardong-Edgren, S., Bond, M.L., Jones, M.E., Cason, C., Strunk, P., Schlosser, S.** (2004). Nursing faculty knowledge, attitudes and beliefs about four ethnic groups. Poster presentation. Southern Nursing Research Society, 20 February, Louisville, KY.

Bond, M.L., **Kardong-Edgren, S.**, Munoz, I., Tanner, S. (2003). Assessment of professional nurse's attitudes and knowledge toward traditional, low acculturated Mexican-Americans. Poster presentation. Transcultural Nursing Society. 17 October, San Antonio, Texas.

**Kardong-Edgren, S.** (2002). Assessment of professional nursing students knowledge and attitudes about patients of diverse cultures. National Association of Hispanic Nurses 27<sup>th</sup> Annual Conference, 17-19 July, Miami, Florida.

Priddy, K., **Kardong-Edgren, S.**, George, A. (2002). An advanced childbearing summer elective for BSN students. AWHONN convention, June 23-26, Boston.

**Kardong-Edgren, S.** (2002). Using evidence based practice to improve intrapartum nursing care. Annual Perinatal Symposium, Barnes Jewish Hospital, 23 May, St. Louis.

Bond, M.L., **Kardong-Edgren, S.**, Jones, M.E. (2001). Poster. Assessment of professional nursing student's knowledge and attitudes about patients of diverse cultures. Sigma Theta Tau International, November 5-7, Indianapolis.

Priddy, K., **Kardong-Edgren, S.** (2001). An innovative home based OB clinical experience for BSN students. Poster presentation. Mosby Faculty Conference, January 3-6, Las Vegas.

**Kardong-Edgren, S.**, Jones, M.E. (2000). A short- term cultural immersion summer course in Mexico for U.S. healthcare professional students: Increasing cultural literacy and understanding. 1<sup>st</sup> International Conference on Healthcare Systems for the new Millennium. 17-20 May, Queretaro, Mexico.

**Kardong-Edgren, S.**, Palmer, E., Gray, J. (2000). Lessons learned from an international partnership: the University of Texas at Arlington School of Nursing and International Child Care initiative in the Dominican Republic and Haiti. 1<sup>st</sup> International Conference on Healthcare Systems for the New Millennium, 17-20 May, Queretaro, Mexico.

Priddy, K. & **Kardong-Edgren, S.** (2000). Healthy Beginnings: An innovative OB clinical component. Poster. AWOHNN, June 4-7, Seattle, WA.

**Kardong-Edgren, S.** (1999). Nausea and vomiting in pregnancy: Why should we care? What really works? and Female genital mutilation. Posters. Women's and Children's Health Issues: A Global Perspective. Aug. 9-11, Maui, HI.

**Kardong-Edgren, S.** (1997). Nausea and vomiting in pregnancy: why should we care? What really works? Lamaze International National Convention. September 14, Orlando, FL.

**Kardong-Edgren, S.**, Akins, P., Geoffrion, A. (1995). Transcultural nursing: Beijing to the Grand Canyon. Poster. Maternal Child Nursing Convention, March, Atlanta, GA.

#### Regional, State, and Local

**Kardong-Edgren, S.**, O'Donnell, J., Dongilli, T., Hampe, H. (2019). Panel discussion on simulation. American College of Health Executives chapter meeting. 25 Feb, Moon, PA.



Breitkreuz, K., **Kardong-Edgren, S.** (2018). Virtual reality gaming: A serious way to practice nursing skills. NLN/Boise State University Simulation Conference, 18 May, Boise ID.

**Kardong-Edgren, S.**, Bargerstock, D, Sarasnick, J. (2018). (Poster). Maintaining CPR skill competency in prelicensure nursing students using a new performance predictor optimizer. University of Pittsburgh Scholars Night. 21 March, Pittsburgh, PA.

**Kardong-Edgren, S.**, Bargerstock, D., Sarasnick, J. (2018). (Poster). Maintaining CPR skill competency in prelicensure nursing students using a new performance predictor optimizer. RMU Grants and Research Expo, 15 March, Moon, PA.

**Kardong-Edgren, S.** & Howard, V. (2018). (Poster). Using simulation, Team STEPPS™, and actors to provide experiential learning for corporate executives. RMU Research & Grants Expo, 15 March. Moon, PA.

**Kardong-Edgren, S.** & Howard, V. (2018). (Poster). Using simulation, Team STEPPS™, and actors to provide experiential learning for corporate executives. George Washington University, 9 March. Ashburn, VA.

**Kardong-Edgren, S.** (2014). Publishing your work: The final frontier. NLN/Boise State University 2nd Simulation Conference, 26 April, Boise, ID.

**Kardong-Edgren, S.**, Willhaus, J. (2014). Evaluation: Simulation tools you can use. NLN/Boise State University 2<sup>nd</sup> Simulation Conference, 26 April, Boise, ID.

**Kardong-Edgren, S.** (2014). Developing an educational research program. Western Institute of Nursing, 12 April, Seattle, WA.

**Kardong-Edgren, S.**, Grassley, J., Clark, C. (2014). Symposium. Sustaining nursing research programs without traditional external funding. Western Institute of Nursing, 12 April, Seattle, WA.

**Kardong-Edgren, S.** (2013). A bi-national survey of clinical faculty members experiences with student incivility. Symposium, Western Institute of Nursing, 11 April, Anaheim, CA.

Brouhard, R., **Kardong-Edgren, S.**, Bourne, S. (2012). A descriptive study examining paramedic cognitive ACLS knowledge retention over time. Western Regional Meeting of the Society for Academic Emergency Medicine. Las Vegas, NV, 16 March.

**Kardong-Edgren, S.**, Adamson, K. (2011). Integrating simulation into your curriculum. HPSN Northwest Regional Conference. 20 August, Seattle, WA.

Adamson, K., **Kardong-Edgren, S.**, & Daratha, K. (2010). Poster. Comparing learning outcomes between two experiential teaching strategies. Western Institute for Nursing Conference. 16 April, Glendale, AZ.

**Kardong-Edgren, S.**, Quint, S., & Adamson, K. (2010). Poster. Validation of a clinical judgment/ competency tool for use in simulation/ clinical. Western Institute for Nursing Conference. 16 April, Glendale, AZ.

**Kardong-Edgren, S.** (2010). Simulation Professionals Network: A four year report. (Poster). Inland Northwest Research Symposium. 9 April, Spokane, WA.

Coerver, D., Bray, B., **Kardong-Edgren, S.** (2010). An interdisciplinary scenario. Pullman Academic Showcase, 26 March, Pullman, WA.

**Kardong-Edgren, S.** (2009). Integrating simulation into a curriculum. Interprofessional Collaboration for Integrative Technologies in Education (INCITE) HRSA Workshop. 18 June, Seattle, WA.

**Kardong-Edgren, S.** (2009). Simulation pedagogy: The art and science of teaching with simulation. Interprofessional Collaboration for Integrative Technologies in Education (INCITE) HRSA Workshop. 17 June, Seattle, WA.

**Kardong-Edgren, S.** (2009). Intro to simulation. Interprofessional Collaboration for Integrative Technologies in Education (INCITE) HRSA Workshop. 17 June, Seattle, WA.

Ravert, P., Prion, S., **Kardong-Edgren, S.**, Cato, M., Anderson, M. Hanberg, A. (2009). Faculty development in simulation pedagogy. 52<sup>nd</sup> Western Institute of Nursing Pre-conference Workshop. 22 April, Salt Lake City.

**Kardong-Edgren, S.**, & Adamson, K.A. (2009). Poster. CPR simulations: Results from a pilot study. Washington State University Academic Showcase. 27 March, Pullman, WA.

**Kardong-Edgren, S.** & Bray, B. (2008). Simulation: Learning on your feet, not in the seat. Northwest Science and Business Technology Series. 16 May, Spokane, WA.

**Kardong-Edgren, S.**, Lungstrom, N., Bendel, R. (2008). Vital Sim vs. SimMan: Comparing US BSN student learning and satisfaction outcomes. Pullman Academic Showcase, 27 March, Pullman, WA.

Mancini, B., Cason, C., **Kardong-Edgren, S.** (2007). Poster. A comparison of attitudes and outcomes of lay people using different types of CPR simulation training. Northwest Regional Nursing and Healthcare Research Symposium, 27 April, Spokane, WA.

**Kardong-Edgren, S.** (2007). Poster. Do computer assisted instruction supplements make a difference in course grades? 50<sup>th</sup> Western Institute of Nursing. 16 April, Portland, OR.

**Kardong-Edgren, S.** (2007). Cultural competency of new BSN graduates. International Global Diversity and Education Conference. 1-3 March, Spokane.

Warren, S. & **Kardong-Edgren, S.** (2006). Poster. Student knowledge retention reinforced with static or high fidelity manikin simulation: How much fidelity is enough? Southern Nursing Research Society, 1 February, Memphis.

**Kardong-Edgren, S.** (2005). Cultural competency of health education faculty. 4<sup>th</sup> Crossing Borders Conference, April 7, Ft. Worth, TX.

**Kardong-Edgren, S.** (2005). Cultural responsiveness and communication...it matters! Texas Health Resources OB orientation for new graduate nurses. 31 August, Arlington, TX.

**Kardong-Edgren, S.** Priddy, K. (2005). A tasty unexpected consequence of globalization: Chocolate spreads round the world. 4<sup>th</sup> Crossing Borders Conference, April 7. Ft. Worth.

**Kardong-Edgren, S.** (2005). Culture in OB...yes , it matters! Texas Health Resources OB orientation for new graduate nurses. 5 April, Arlington.

**Kardong-Edgren, S.,** Bond, M.L., Jones, M.E., Cason, C., Strunk, P., Schlosser, S. (2004). Nursing faculty knowledge, attitudes and beliefs about four ethnic groups. Southern Regional Conference of the Transcultural Nursing Society, 6 February, Savannah.

**Kardong-Edgren, S.** (2004). Culture in OB...yes , it matters! Texas Health Resources OB orientation for new graduate nurses. 15 September. Arlington.

**Kardong-Edgren, S.** (2004). Culture in OB...yes , it matters! Texas Health Resources OB orientation for new graduate nurses. 14 April. Arlington, TX.

**Kardong-Edgren, S.** (2004). Culture in OB...yes , it matters! Texas Health Resources OB orientation for new graduate nurses, July 9. Arlington.

**Kardong-Edgren, S. & Palmer, E.** (2003). An innovative program evaluation model for non-governmental organizations. Celebration of Creativity, Delta Theta chapter of Sigma Theta Tau International. April 2, Arlington.

**Kardong-Edgren, S.** (2003). Culture in OB...yes, it matters! Texas Health Resources OB orientation for new graduate nurses, February 12 Arlington.

**Kardong-Edgren, S.** (2002). Culture in OB...yes, it matters! Texas Health Resources OB orientation for new graduate nurses, August 28. Arlington.

Bond, M.L., Jones, M.E., & **Kardong-Edgren, S.** (2000). Short term cultural immersion in Mexico: Increasing cultural literacy and understanding. Presented at Crossing borders in health care: Implementing and evaluating competency in the health workforce. Center for Hispanic Studies in Nursing and Health, The University of Texas at Arlington School of Nursing, February 25-26, Arlington.

**Kardong-Edgren, S.,** Palmer, E., & Gray, J. (2000). The UTA School of Nursing and International Child Care: Health education exchange programs in the Dominican Republic. Presented at Crossing borders in health care: Implementing and evaluating competency in the health workforce. Center for Hispanic Studies in Nursing and Health, University of Texas at Arlington School of Nursing. February 25-26, Arlington.

**Kardong-Edgren, S.** (1998). Female genital mutilation. 2nd Annual Childbearing Conference, UTA. Aug. 21, Arlington.

**Kardong-Edgren, S.** (1997). Born in the USA: An anthropologist looks at American birth ways. 26th Annual Perinatal Symposium. 24 September. Fort Worth.

**Kardong-Edgren, S.** (1994). Moon phase, barometric pressure and human birth. Parkland Research Day, November, Dallas. (Poster).

## Honors and Awards

- 2022 Top 10 Reviewer, 2021, *Journal of Nursing Education*
- 2021 Texas A & M University College of Nursing Wilkerson Distinguished Lecturer
- 2021 Resuscitation Quality Improvement Lifesaving Award for 20,000 lives saved. American Heart Association, Laerdal Medical, and the National League for Nursing. September 24.
- 2021 INACSL People's Choice Award (Poster) "A pilot study comparing art enhanced simulation debriefing with traditional debriefing."
- 2021 Outstanding Research Poster at INACSL conference for "A pilot study comparing art enhanced simulation debriefing with traditional debriefing."
- 2021-2022 President- International Nursing Association of Clinical Simulation and Learning (INACSL)
- 2020-2021 President-Elect International Nursing association of Clinical Simulation and Learning (INACSL)
- 2020 2019 CLEAR Innovation Session Award. Council on Licensure, Enforcement, and Regulation for "Avatars, goggles, and gloves: Oh my! A debate on the future of competency assessments.
- 2017 Excellence in Nursing Research Honorable Mention, *Pittsburgh* magazine
- 2017 Christine Tanner Scholarly Writing Award, *Journal of Nursing Education*
- 2017 President's Award, International Nursing Association for Clinical Simulation and Learning
- 2017 Fellow in the Society for Simulation in Healthcare (inaugural class)
- 2016 Spirit of Simulation Leadership, International Nursing Association for Clinical Simulation and Learning
- 2015 Fellow in the American Academy of Nursing
- 2015 Western Interstate Commission on Higher Education Cooperative for Educational Technology Outstanding Award (WCET) WOW Award for Virtual Reality Nursing Simulation with Custom Haptic System for Patient Safety with Drs. Anthony Ellertson and Ann Butt
- 2015 Gordon Lectureship in Simulation. International Meeting of the Society for Simulation in Healthcare. New Orleans, LA
- 2014 John R. Raymond Mentor Award Medical University of South Carolina

- 2014           Invited to serve as a 2-year mentor in the STTI National Faculty Leadership Academy/simulation
- 2013           Invited to be on the Editorial Board of *Journal of Nursing Education*
- 2013           Excellence in Nursing Education Research Award, National League for Nursing
- 2013           Chair of Scientific Abstracts Committee for the Asia Pacific Meeting of the Society for Simulation in Healthcare
- 2012           Mentor for Jonas Foundation/National League for Nursing Fellowship
- 2012-2014     Jody DeMeyer Endowed Chair, Boise State University School of Nursing
- 2012           Expert panelist for Utstein meeting “Five topics in healthcare simulation that will contribute to improved patient safety” Utstein Abbey, Norway
- 2012           Co-Chair of the International Meeting for the Society of Simulation in Healthcare
- 2011           Deborah Spunt Endowed Co-Lectureship in Simulation. National League for Nursing, September, Orlando, FL.
- 2011           1st place Education Poster International Association of Clinical Simulation and Learning annual meeting, Orlando, FL.
- 2011           International Association of Clinical Simulation and Learning Excellence in Research Award nominee
- 2011           3<sup>rd</sup> place Research Abstract, Society for Simulation in Healthcare Annual Meeting
- 2010           Academy of Nursing Education Fellows inductee
- 2010           Deborah Spunt Endowed Lectureship in Simulation. National League for Nursing.

**Professional and Community Service**

Editorial Review Boards and Manuscript Review

- Reviewer for *BMJ Nursing*- 2018-present.
- Editor-in-Chief for the new SSH Certification Blueprint Review Study Guide- Appointed Nov 2018- work ongoing.
- Reviewer for *BMJ Medical Research Methods*- 2018-present
- Editorial Board- *Journal of Nursing Education*, 2013-present
- Reviewer for *Journal of Nursing Education*, 2011-2013
- Reviewer for *BMJ Open Journal* 2017- present
- Reviewer for *Collegian* 2015- present

Reviewer for *Western Journal of Nursing Research*-2012 present  
Reviewer for *Journal of Nursing Care Quality*, 2012- present  
Editor-in-Chief: *Clinical Simulation in Nursing* 2008-1 January 2017  
Interim Editor-in-Chief: *Clinical Simulation in Nursing* 2007-2008.  
Reviewer for the International Journal of Nursing Education Scholarship, 2008-present  
Reviewer for *Nursing Education Perspectives*- 2006-present  
Reviewer for *Journal of Obstetric, Gynecological, and Neonatal Nursing (JOGNN)*, 2000-2008.  
Reviewer for *Southern Online Journal of Nursing Research*, 2004-2006.  
Editorial Board: *Journal of Obstetric, Gynecological, and Neonatal Nursing (JOGNN)* January 2001-2004.

#### Service to the Profession - Abstract and Grant Review

Review panel for GNSH Grant abstracts- 2021  
Collateral Reviewer for Grants and Abstracts Sigma Theta Tau International, 2007- present.  
Invited reviewer for NETNEP abstracts for Elsevier Educator Conferences, Baltimore, 2012, the Netherlands 2014, 2015  
Reviewer for SSH Scientific Abstracts for annual meeting- 2010-2015

#### External Review for Tenure and Promotion

External reviewer for Villanova University School of Nursing 2022  
External reviewer for Creighton University School of Nursing 2021  
External reviewer for Seattle University School of Nursing August 2018  
External reviewer for Texas Tech University Health Sciences College of Medicine May 2018  
External reviewer for Weill Cornell College Faculty of Medicine March 2018  
External reviewer for George Washington University October 2017  
External reviewer for University of Calgary Faculty of Medicine September 2017  
External reviewer for University of Otago New Zealand September 2017  
External reviewer for University of the Free State Bloemfontein South Africa 2017  
External reviewer University of California at Los Angeles- January 2017  
External reviewer East Carolina University May 2016  
External reviewer Wright State Ohio June 2016  
External reviewer Indiana University/Purdue Indiana University March 2016  
External reviewer for University of Texas at Arlington 2016  
External reviewer for Wright State Ohio-2015  
External reviewer for Oregon Health Sciences University- 2014.  
External reviewer for Indiana University Purdue University of Indianapolis- 2014  
External reviewer for Oakland University-2013  
External reviewer for Creighton University-2013  
External reviewer for University of North Florida-2013  
External reviewer for Kent State University-2013  
External reviewer for University of Texas, Tyler- 2013

#### Consultations

University of Alabama at Birmingham (2021-2022). Kardong-Edgren, S. Mastery learning goes hand in hand with competency based curriculum. 9 December 2021 & 13 December 2022.  
Birmingham, AL. **Consultant**. Funded.

Trent University (2022). NCSBN Sim Study and Use of simulation in lieu of clinical hours. Kardong-Edgren, S. 20 October. Peterborough, Ontario, CA. **Consultant.** Funded.

Duke University (2022). Simulation debriefing. Funded. Kardong-Edgren, S., & Horsley, E. The PDFs of debriefing. Duke University 22 April. Durham, N. Carolina. **Consultant.** Funded.

National League for Nursing/Laerdal/Resuscitation Quality Improvement. August-September (2022). **Consultant.** Non-funded.

University of South Carolina (2021). Preparation for SSH accreditation review of documentation. **Consultant.** Funded.

National Council of State Boards of Nursing (NCSBN). National Simulation Study 2.0. Appointed 24 July 2020. **Consultant.** Funded.

National Board of Certification and Recertification of Certified Registered Nurse Anesthetists (NBCRNA) Evaluation and Research Committee High-fidelity Patient Simulation Based CPC Assessment Subcommittee. Appointed April 2019. **Consultant.** Funded.

NONFP Simulation Project- evaluating the use of simulation in APN programs in the first 500 hours. Appointed March 2019. **Consultant.** Unfunded.

Nursing Community Assessment Service (Vancouver, CA). Evaluation project. Advisory Board. 2018- current. **Consultant,** Funded.

Laureate University (Austin, TX) –Scenario writing workshop for OT faculty. **Consultant.** August 2017. Funded.

Washington Hospital & School of Nursing. Washington, PA. **Consultant** for simulation debriefing. March 2017. Funded.

National Council of State Boards of Nursing. Simulation guidelines task force. **Consultant.** 1-2 April, 2015, Chicago. Not funded.

ATI Consulting on products and debriefing. November, 2014. **Phone consult.** Funded.

KTH Consulting. Mentoring faculty and students. **Phone interview.** Not funded.

Health Management Association. Consultation on the development of a Colorado Center for Virtual Simulation. **Phone advisement.** May 2013. Not funded.

Shadow Health. Consultation about markets and conferences for advertising Tina, a serious game. **Phone consult.** April 2013. Not funded.

Texas Tech University. Developing a research program in deliberate practice. March 2013. **Consultant.** Funded.

Southern Illinois University. Medical surgical nurses' ability to perform suicide assessment, using standardized patients. 2013-2014. **Consultant.** Funded.

Mayo Clinic **Consultant** to the Secondary Medical School Teachers in Vysocina District, Brno, Czech Republic. 7-11 November, 2011. Funded.

National League for Nursing High Stakes Assessment Project 2011-2013. **Co-investigator**. Funded.

NCSBN National Simulation Study. **Consultant**. 2011-2014. Funded.

Simulation Technology in Nursing Workgroup, **Chair**, Sigma Theta Tau International. 2010-2011. Funded.

National League for Nursing Advisory Panel to Australian Nursing Simulation Group. Las Vegas, (September 2010.) Funded.

Elsevier Simulation Learning System. **Consultant** for evaluation of 4 new OB modules. (February, 2010). Funded.

Elsevier Simulation Learning System. **Consultant** for evaluation of 4 new pediatric modules. (January, 2010). Funded.

“Multi-site study of simulation outcomes in pre-licensure nursing students.” National Council of State Boards of Nursing. **Consultant**, (2009-2016). Funded.

“Using simulation to standardize childbirth skills of midwives in Zambia.” American Nurses Foundation Grant. Brigham and Women’s Hospital, Boston. **Consultant**. 2009-2012. Funded.

Amy Jones, University of South Dakota College of Nursing 2008-2009. **Mentor**. One year contractual university mentorship for simulation research expertise. Funded.

“Simulation for Rapid Recognition of the Patient Responses” HRSA NEPR grant. The University of South Alabama. **Consultant**. 2009-2012. Program, not funded.

“Simulation Innovation and Resource Center” National League for Nursing/Laerdal Project-Simulation Expert Panel. (**Expert panel member**). 2007-2010. Funded.

“Cultural competency and online learning” Elizabeth Reifsnider PhD, RN (PI), University of Texas Medical Branch, Galveston; (**Consultant**). \$167,000, (direct and indirect). 2006-2009. (program). Grant not funded by HRSA.

“Development of Six Simulation Scenarios” University of Texas at Arlington School of Nursing and Laerdal. Suzan Kardong-Edgren, PhD, **Scenario specialist and Consultant**. (\$15,000). September 2005. Funded.

“Culturally Competent Systems of Care Practices with Hispanics and Families.” Department of Social Work, University of Texas at Arlington and Department of Health and Human Services. Suzan Kardong-Edgren, PhD, **Curriculum Development Expert Panel Member**. (\$250,000). January 2004 through 2006. Funded.

“Simulation Innovation Modifying Faculty Attitudes and Culture of Teaching Statewide: SIMFACTS.” National League for Nursing Education grant. South Dakota State University. Suzan Kardong-Edgren, **consultant**. Jan 2010-Dec 2011. Not funded.



## **Professional Activities**

### International

International Nursing Association for Clinical Simulation and Learning Research Mentor 2018-2019. My mentee won SSH Novice Research Award, \$10K. (2<sup>nd</sup> nurse to win)

Society for Simulation in Healthcare Fellows Policy and Procedure Task Force-2018- 2021.

Society for Simulation in Healthcare CHSE Education Committee member and educator. 2017-present.

International Nursing Association for Clinical Simulation and Learning (INACSL) VP for Research 2015 -2017

International Nursing Association for Clinical Simulation and Learning (INACSL) Interim VP for Research 2014-2015

Chair of the Program Innovation Abstracts for the annual International Meeting of the Society for Simulation in Healthcare 2014 and 2015. Committee abstract review member 2016.

Chair of the Research Abstracts Review Committee for the Asia Pacific Meeting of the Society for Simulation in Healthcare 2012-2013

Society for Simulation in Healthcare State of the Art Initiative on Faculty Development for Healthcare. 25-26 January 2013

Member Research Committee for the Society for Simulation in Healthcare, 2010-2015

Chair of the Research Committee for the Society for Simulation in Healthcare, 2010-2011

INACSL Standards Oversight Board. 2012-2017

Society for Simulation in Healthcare Oversight Committee. 2012-2016

Co-Chair of the Annual Meeting, Society for Simulation in Healthcare 2012

Executive Search Committee. Society for Simulation in Healthcare appointed committee, July 2011- December 2011

Professor Round, Works in Progress. Asia Pacific Meeting of the Society for Simulation in Healthcare. 2011 June

Chair of Preconference Committee: International Meeting of the Society of Simulation in Healthcare Society, 2011 meeting

2010 Nursing Advisory Co-Chair to the International Meeting of Simulation in Healthcare (IMSH). 2009- 2010.

## **Professional Society Memberships**

### Current

National Board Certified Registered Nurse Anesthetists (NBCRNA) Evaluation and Research Advisory (ERAC) Committee- August 2019-2021

Society for Simulation in Healthcare 2006-present.

International Honor Society of Nursing 1993- present.

International Association of Clinical and Simulated Learning 2006- present

### Past

American Heart Association ECC Educational Science and Programs Subcommittee member-2017-2020  
International Society for Simulation in Healthcare Education Committee: 2009-2011  
International Academy of Nursing Editors 2008-2016  
International Honor Society of Nursing. Leadership Succession Committee. Chair of Leadership Succession Committee, 2005-2007.  
International Honor Society of Nursing. OMADA Institute. Program for non-profit board member training. 2003-2005.  
International Honor Society of Nursing: Region 6 Coordinator 2001-2003.  
International Honor Society of Nursing. Chapter Key Award Committee judging committee member, 2003.  
International Honor Society of Nursing. Chapter Newsletter Award for Layout and Design Committee judging committee member, 2003.  
International Honor Society of Nursing. International Program Committee 2000-2001.

### National

GNHS grants selection committee 2021-2022.  
Spunt Lecture Selection Committee- 2021-2022  
Congressionally Directed Medical Research Programs (CDMRP) grant reviewer, January, 2015.  
NLN Invitational Strategic Action Group: Nursing Education Dissonance: The role of science in planning the path forward. 8-9 December, 2014. Washington DC  
NLN Invitational Strategic Action Group: Using debriefing methods to teach thinking across the nursing curriculum. 29-30 October, 2014. Washington DC.

### Regional

George Washington Nursing Simulation Initiatives Advisory Council- 2019- present.  
Idaho Simulation Network Board of Directors- 2013-2015.  
Western Institute of Nursing member- 2006-2014.  
Southern Nursing Research Society member 2004-2006.

## **Education and Teaching**

### Undergraduate Honors Projects

Chemini, A. (2019). A usability study: Body Explorer Augmented Reality Learning System. Completed May 2019.

### Master's Thesis or Clinical Project Committees

“Pilot of an online flipped-classroom frame of reference rater training program for the Advocacy-Inquiry Rating Scale (AIRS). MS in Health Professions Education.. Lon Setnik. Scholarly project advisor. August 2022.

“Relationship between team cognitive load and clinical performance during simulated medical event emergencies on long-duration space missions.” MS in Health Professions Education. Sandra Park. Scholarly project advisor. Summer 2022. Completed.

“Human patient simulation manikins and information and communication technology: Use and quality indicators in Australian schools of nursing.” MS in Philosophy. School of Nursing and

Midwifery, University of Newcastle, Australia. Carol Arthur. External reviewer. 14 November, 2013.

“Student satisfaction and self-report CPR competency: Heartcode BLS courses, instructor –led CPR courses, and monthly VAM practice for CPR skill maintenance.” Cecily Montgomery, BSN, MS student. Non-thesis project. Committee Chair. 7 April, 2011.

“Motivators and barriers to Latino Hispanic men seeking health screening for CVD” Chelane Fackenthall, BSN, FNP student. Committee Member. 13 May 2009.

“A simulation orientation for new graduate RNs and PharmD students. Philip Young. BSN, RN, CEN. Committee Chair 2007-2008.

“Student knowledge retention reinforced with static or high fidelity manikin simulation: How much fidelity is enough?” Shawna Warren. BSN, RN. Advisor. 2005.

### DNP Projects

DNP project. Tan, C. Evaluating efficacy and usability of screen-based simulation in difficult airway algorithm training for Certified Registered Nurse Anesthesiologists (CRNAs). Proposal defense. 16 December, 2022.

DNP project. Sammons, J. Objective structured clinical examinations (OSCEs) to assess maintenance of certification and reentry to practice for certified registered nurse anesthesiologists (CRNA). Proposal defense. 23 March, 2022

DNP project. Ebeza, A. Utilizing the GoReact Evaluation Platform for nurse anesthesia recertification and reentry to practice. Proposal defense. 23 March, 2022

DNP Project committee. Hwang, W. Use of multiplayer screen-based simulation for non-technical skills development and evaluation of nurse anesthetists. Duke University School of Nursing DNP program. NC Proposal defense. 17 December, 2021.

DNP Project committee. Southwick, K. (2021). The use of virtual reality as an educational tool for reentry to practice or recertification of nurse anesthetists. Duke University School of Nursing DNP program. NC. Defense 13 December, 2021.

DNP Project committee. Foust, A. (2021). Validation of virtual simulations for nurse anesthetists completing the National Board of Certification and Recertification’s (NBCRNA) Continued Professional Certification (CPC) and Reentry to Practice Programs. Duke University School of Nursing DNP program. NC. Defense 13 December, 2021.

DNP Project committee. Flewelling, G. (2021). NBCRNA simulation project. Duke University School of Nursing DNP program. NC. Completed January 18, 2021.

DNP Project committee. Augustine, B. (2021). NBCRNA simulation project. Duke University School of Nursing DNP program. NC. Completed January 18, 2021.

DNP Project coordinator. Karolak, A. P. (2019). Nursing student confidence and competency in a suicide risk assessment. Robert Morris University. Completed April 2019.

DNP Project coordinator. Phillips, B. (2017). Improving HPV vaccination rates in 11 to 14 year-old females and males. Robert Morris University. Completed May 2017.

### Dissertation Committees

Dissertation chair. Niki Fogg. Screen-based simulation and the National Council of State Boards of Nursing Clinical Judgment Measurement Model. Dissertation proposal defense. 14 July, 2022.

Dissertation committee member. Does video review of patient encounters inform medical and health trainees' clinical knowledge, skills, and abilities? Anthony Kinney. MGH IHP Dissertation proposal defense. 28 August 2022.

Dissertation chair. Jabeen Fayyaz. Exploring cultural sensitivity of Pakistani physicians and faculty by implementing synchronous distance simulation. MGH IHP Dissertation proposal defense 14 July 2022

Dissertation committee member. The use of simulation as a quality improvement tool. Farrukh Jafri. MGH IHP Dissertation proposal defense. 26 April 2022

Dissertation external committee member. Engaging an innovative approach to address competence in interpretation of electronic fetal monitoring. Susan Henley Hébert College of Nursing, University of Tennessee, Knoxville. Dissertation completed October 31, 2022.

Dissertation committee chair-Graduate faculty perceptions of simulation as a substitution for clinical hours. Virginia Louise Strong. Southern Connecticut State University PhD. Dissertation completed 8 August 2022.

Dissertation committee member. Simulation-based training for healthcare providers in hospital setting: From nursing core competencies to advanced instructional tools. Hani Lababidi. MGH IHP Dissertation completed 27 July 2022.

Dissertation committee member. Virtual reality and health profession education. Melissa Morris. MGH IHP proposal defense, 24 November 2021.

Dissertation external reader-Barriers and facilitators to implementing simulation-based translational research: A qualitative study. Lisa Buckley Paganotti. George Washington University. Dissertation completed 13 December 2021.

External Assessor. Transformative learning experiences of nurse educators implementing high-fidelity simulation: An interpretive phenomenological analysis. M.J.J. Phillips, University of the Free State, South Africa. Reviewed 11 July 2017.

Committee member. Using deliberate practice to teach communication. Yeh, Vicki. University of North Carolina, Chapel Hill. Dissertation completed 11 Dec 2017.

Committee member: Development of a pediatric simulation-based scenario and checklist for medication administration competencies. Deborah Bennett, MSN, RN. Washington State University, Dissertation completed 22 July, 2015.

Committee member: Exploring the usability of game-based virtual reality for development of procedural skills in undergraduate nursing students gaming for nursing education. Ann Butt MS, RN, Boise State University EdD. Dissertation completed 4 May, 2015.

Committee member: Critical thinking evaluation in simulation. Jayne Josephsen MSN, RN, Boise State University EdD. Dissertation completed 6 May, 2015.

Committee member: Simulation design characteristics: Perspectives held by nurse educators and nursing students. Jane Paige, MS, RN. University of Wisconsin, Milwaukee. 6 December, 2013.

Dissertation Committee chair: Measures of physiological and psychological stress in novice health professions students during a simulated patient emergency. Janet Willhaus, MSN, RN. Washington State University, 23 February 2013.

Dissertation Committee chair: Reliability of simulation evaluation instruments used in baccalaureate nursing education. Katie Ann Adamson, MSN, RN. Washington State University 23 March, 2011.

#### Teaching Assignments (last 8 years)

HE 720- developed and taught MS Foundations of Simulation-Based Education and Operations MGHIHP Fall 2021/Enrollment 5.

HE 943- developed and taught PhD Scholarship of Teaching & Learning Seminar/ MGHIHP Enrollment 9 Summer 2021.

HSAM 6400 (Organizational Leadership and Management Concepts in Simulation/Spring 2019) RMU Masters students/Enrollment 8

HSAM 6200 (Leadership in Simulation Instruction and Management /Spring 2019) RMU Masters students/Enrollment 3 RMU

HSAM 6200 (Leadership in Simulation Instruction and Management /FALL 2018) Robert Morris University Masters students/Enrollment 17

HSAM 6200 (Leadership in Simulation Instruction and Management /Spring 2018) Masters students/Enrollment 2 RMU

HSAM 6400 (Organizational Leadership and Management Concepts in Simulation/Spring 2018) Masters students/Enrollment 8 RMU

MSMS 701 (Simulation Practicum I/ Drexel College of Medicine /Fall 2018) Masters students Enrollment 9

#### New Academic Course Development

##### **Courses developed and taught at MGH IHP**

HE 721- developed and taught Simulation Operations MGHIHP spring 2022.

HE 720- developed and taught MS Foundations of Simulation-Based Education and Operations MGHIHP Fall 2021.

HE 943- developed and taught PhD Scholarship of Teaching & Learning Seminar/ MGHIHP Enrollment 9 Summer 2021.

Courses developed and taught at Robert Morris University

HSAM 6400 (Organizational Leadership and Management Concepts in Simulation/Spring 2019) RMU Masters students/Enrollment 8

HSAM 6200 (Leadership in Simulation Instruction and Management /Spring 2019) RMU Masters students/Enrollment 3 RMU

HSAM 6200 (Leadership in Simulation Instruction and Management /FALL 2018) Robert Morris University Masters students/Enrollment 17

Courses developed and taught at Drexel College of Medicine

MSMS 701- Simulation Practicum (hybrid) (Interprofessional) 2014, Enrollment 8. Drexel College of Medicine.