

KAREN K. GIULIANO, PhD, RN, MBA, FAAN

Curriculum Vitae

University of Massachusetts at Amherst
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Institute for Applied Life Sciences, S517

EDUCATION

Postdoctoral Research Fellowship, Yale University, 2014-16

Mentor: Dr. Marjorie Funk, Helen Porter Jayne and Martha Prosser Jayne Emerita Professor of Nursing

MBA Master of Business Administration, Global Management Concentration, Babson College, 2009

PhD Boston College, PhD in Nursing, 2005

ANP Post-Master's Certificate, Ambulatory Nurse Practitioner Program, University of Massachusetts, Worcester, 1998

MSN Master of Science in Nursing, University of Rhode Island, 1989

BS Bachelor of Science, Boston College, 1983, Major: Nursing

ACADEMIC POSITIONS

Employment & Appointments

Associate Professor, Institute for Applied Life Sciences & College of Nursing (Joint Appointment), University of Massachusetts, Amherst MA (2019-present)

Faculty, Center for Personalized Health Monitoring, Institute for Applied Life Sciences (2019-present)

Executive Director, Healthcare Innovation & Entrepreneurship, Northeastern University Bouvé College of Health Sciences, Boston MA (2018-2019)

Courtesy appointment, D'Amore-McKim School of Business, Northeastern University, Boston MA (2018-2019)

Faculty scholar, Tufts University Clinical and Translational Science Institute (CTSI), Boston MA (2018-2019)

Faculty appointment, Center for Health Policy and Healthcare Research, D'Amore-McKim School of Business (2017-2019)

Associate Professor, Northeastern University Bouvé College of Health Sciences, School of Nursing, Boston, MA (2017-2019)

Adjunct Faculty, Endicott College School of Nursing, Beverly, MA (2013-2016)

Adjunct Research Faculty, Boston College School of Nursing, Chestnut Hill, MA (2005-2007)

Academic Partnerships

2018- Consulting Nurse Scientist, Center for Nursing Research and Advanced Practice, Orlando Health, Orlando, FL

2018- Clinical Research Associate, Regenstrief Center for Healthcare Engineering (RCHE), Purdue University, West Lafayette, IN.

<https://www.purdue.edu/discoverypark/rche/people/faculty-clinical-affiliates.php>

2017-2019 External Faculty Nurse Scientist, Yvonne L. Munn Center for Nursing Research, Massachusetts General Hospital, Boston, MA

CLINICAL POSITIONS

2015-2018 Per Diem Nurse Scientist, Hallmark Health, Medford, MA

1994-1999 Clinical Nurse Specialist, Critical Care, Baystate Medical Center, Springfield, MA

1991-1994 Clinician 4/5, University of Virginia Health Sciences Center, Charlottesville, VA

1988-1991 Clinical Nurse Specialist, Critical Care, Miriam Hospital, Providence, RI

1985-1988 Critical Care Staff Nurse, Miriam Hospital, Providence, MA

1983-1985 Medical-Surgical Staff Nurse, Tufts Medical Center, Boston, MA

LICENSURE

- 2018- Registered Nurse, New Hampshire Multistate Nursing License (license no: 077277)
1983- Registered Nurse, Massachusetts (license no: 166431)

CERTIFICATIONS/PROGRAM COMPLETIONS (since 2003)

- 2015 National Science Foundation iCorps Program (Team Leader). 8 Week Commercialization Boot Camp through the Consortia for Improving Medicine with Innovation & Technology (CIMIT), Boston MA
2012- Certified Professional Marketer, American Marketing Association
2010- Center for Creative Leadership, Executive Leadership Development Program
2005- Six Sigma Green Belt
2003- Fellow, American Academy of Nursing (FAAN)

ADVISORY BOARDS

- 2019 - Advisory Board, Marketing & Business Development. Roddy Medical, Madison WI
2019- Advisory Board, Marketing & Business Development. Viven Health, St Louis MO
2018- Advisory Board, Nursing Innovation, American Nurses Association, Silver Spring, MD
2017- Advisory Board, Clinical Research, Regenstrief National Center for Medical Device Informatics (REMEDI) at the Regenstrief Center for Healthcare Engineering (RCHE), Purdue University, West Lafayette, IN

AWARDS AND HONORS

- 2020 APIC/AJIC Excellent in Publication Award: **Giuliano, K.**, Baker, D., Quinn, B. (2018). The epidemiology of nonventilator hospital-acquired pneumonia in the United States. *American Journal of Infection Control*, 46(3): 322-327. DOI: 10.1016/j.ajic.2017.09.005
The award recognizes "an author who has published an article in the 'American Journal of Infection Control' which was widely read and cited during the previous year"
2020 Institute for Social Science Research Scholar/Fellowship, University of Massachusetts Amherst
2020 UManage Center Research Fellow, University of Massachusetts Amherst, National Institute of Nursing Research of the National Institutes of Health under Award Number P20NR016599.
2020 Distinguished Researcher Lecturer, American Association of Critical Care Nurses. To be delivered at the AACN NTI National Conference, May 4, Indianapolis IN
2019 Evidence-based Practice Award, Eastern Nursing Research Society (ENRS). Presented at ENRS Conference, Providence RI
2018 The Massachusetts Technology Transfer Center. MA Acorn Award Finalist.
2018 Research Abstract Award, American Association of Critical Care Nurses (AACN). Presented at AACN National Teaching Institute (NTI), Boston MA
2012 Professional Achievement Award, Association for the Advancement of Medical Instrumentation (AAMI). Presented at AAMI National Conference, Charlotte NC
2011 Global Winner, Product Development Award, R& D Category, Philips Healthcare
2007 Ovation Award, Philips Healthcare
2005 Excellence in Research, American Association of Critical Care Nurses
2005 Research Abstract Award, American Association of Critical Care Nurses
2004 Clinical Research Grant, Sigma Theta Tau
2004 Clinical Practice Grant, American Association of Critical Care Nurses
2003 Fellow, American Academy of Nursing (FAAN)
2003 Evidence-Based Practice Award, University of Rochester

- 2002 National Clinical Nurse Specialist Award, American Association of Critical Care Nurses
2002 Wyeth-Ayerst Fellowship (Mentor), American Association of Critical Care Nurses
2000 National Innovation Award, American Association of Critical Care Nurses
2000 National Research-based Practice Award, American Nephrology Nurses Association
1999 National Clinical Practice Award, American Nephrology Nurses Association
1997 Innovation Grant, American Association of Critical Care Nurses
1997 Clinical Practice Award, Colonial Chapter ANNA
1995 Clinical Inquiry Grant, American Association of Critical Care Nurses
1995 Nurse-in-Washington Fellow, American Nephrology Nurses Association
1993 Nurse of the Year, University of Virginia
1990 Staff Development Award, Miriam Hospital, Providence, RI
1990 Award for Nursing Excellence, Sigma Theta Tau

PROFESSIONAL GUIDELINES/POSITION PAPERS/THINK TANKS

- 2020 Invited Reviewer, 2021 Infusion Therapy Standards of Practice, Infusion Nurses Society.
2020 Invited contributor, Veterans Administration (VA) Innovation Ecosystem. National Think Tank on NV-HAP Prevention. Washington DC, January 14, 2020
2020 Invited contributor, National Organization for NVHAP Prevention. A national level working group consisting of VA leadership and external representatives from academia, non-profits, industry, and other government agencies.
<https://www.va.gov/INNOVATIONECOSYSTEM/views/solutions/national-organization.html>
2019 Invited contributor, Institute for Safe Medical Practices (ISMP) National IV Smart Infusion Pump Guidelines. <https://www.ismp.org/guidelines/safe-implementation-and-use-smart-pumps>
2019 Invited contributor. Association for Professionals in Infection Control (APIC). Implementation Guide: Non-ventilator Hospital-Acquired Pneumonia Prevention. <https://apic.org/apic-publishes-implementation-guide-on-nv-hap/>

PUBLICATIONS

Doctoral Dissertation

Giuliano, KK (2005). Physiologic monitoring for critically ill patients: Testing a predictive model for the early identification of sepsis. ProQuest, UMI Dissertation Services: 3161708.

Peer-Reviewed Journal Articles (Refereed)

***with undergraduate student, **with graduate student**

- Blake, J.,** **Giuliano, K.**, Butterfield, R., Vanderveen, T., Sims, N. (2021, in review). The Impact of Dead Space on the Accuracy of IV Infusion. Special Call: BMJ Innovations, "Innovations during COVID".
Blake, J.,** , Fiske, S.** , **Giuliano, K.** (2021, in review). IV Smart Pump Usability: A Qualitative Descriptive Analysis. Clinical Nursing Research.
Gill, C.,** **Giuliano, K.** (2020, in review). Gabapentinoids and Acetaminophen as Adjuvants for Managing Postoperative Pain. Anesthesia and Analgesia.
Blake, J.,** Butterfield, R., **Giuliano, K.** (2021, in press). Clinical Implications of IV Extension Tubing with Titratable Medications. **Invited**, AACN Adv Crit Care.
Giuliano, KK., Landsman, K.*(2020, in review). Medical Product Innovation: Embracing the Nurse-Engineer Partnership. American Journal of Nursing.
Giuliano, KK., Blake, J.,** (2021, in press). Medication Safety at the Frontlines: Nurse and Pharmacist Knowledge of Secondary Medication Administration. Biomedical Instrumentation & Technology.
Giuliano, KK., Blake, J.,** Butterfield, RB. (2021, in press). Secondary medication infusion: What every nurse should know. American Journal of Nursing.

- Scannapieco, F., **Giuliano, KK.**, Baker, D. (2021, in press). The role of oral health in the prevention of nonventilator hospital-acquired pneumonia. **Invited contributor** for special issue of Dental Clinics of North America.
- Labropoulos, N., **Giuliano, KK.**, Caprini, J. (2021, in press). Femoral Blood Flow for DVT Prophylaxis: A Comparison of a Novel System to Four Currently Available Intermittent Pneumatic Compression Devices. *Journal of Vascular Surgery*.
- Giuliano, K.**, Pozzar, R.** (2021, in review). Sleep and Hospital Noise: Achieving Noise Reduction with a Novel System for Mobility and DVT Prophylaxis. *Ergonomics in Design*.
- Golden, S., Blake, J.,** **Giuliano, K.** (2021, in press). Parental decision-making: Exposure of infants to smartphones. *Infant Behavior & Development*
- Giuliano, KK.**, Penoyer, D., Middleton, A., Baker, D. (2021, in press). Oral care as prevention for non-ventilator hospital-acquired pneumonia: A small cluster randomized study. *American Journal of Nursing*.
- Blake, J.,** **Giuliano, K.** (2020). Flow Accuracy of IV Infusion Pumps Outside Patient Rooms During COVID-19. *AACN Adv Crit Care* e1–e7. <https://doi.org/10.4037/aacnacc2020241>
- Giuliano, K.**, Penoyer, D., Mahuren, R., Bennett, M. (2021, in press). IV Smart Pumps During Actual Clinical Use: A Descriptive Comparison of Primary and Secondary Infusion Practices. *Infusion Nursing Journal*.
- Giuliano, K.** (2020). Challenging precedent: Critical care nursing and medical product innovation. *American Journal of Critical Care*. 29(4), 253-261.
- Quinn, B., **Giuliano, K.**, Baker, D. (2020) Non-ventilator healthcare acquired pneumonia (NV-HAP): Best practices for the prevention of NV-HAP. *American Journal of Infection Control*. 48(55): A25-A30. [https://www.ajicjournal.org/article/S0196-6553\(20\)30129-2/fulltext](https://www.ajicjournal.org/article/S0196-6553(20)30129-2/fulltext)
- Ackerman, M., **Giuliano, K.**, Malloch, K. (2020). The Novation Dynamic: Clarifying the work of change, disruption, and innovation. *Nursing Leader*. <https://doi.org/10.1016/j.mnl.2020.01.003>
- Giuliano, K.**, Baker, D. (2020). Sepsis in the context of non-ventilator hospital-acquired pneumonia. *American Journal of Critical Care*. 29(1), pp.9-14. doi: 10.4037/ajcc2020402.
- Giuliano, K.**, Hatch, C., Pozzar, R**. (2019). Thrombophylaxis after hospitalization for joint replacement surgery. *Journal for Healthcare Quality*. DOI: [10.1097/JHQ.000000000000204](https://doi.org/10.1097/JHQ.000000000000204). PMID:31082932.
- Marwitz, K, **Giuliano, K.**, Wan-Ting Su., Degnan, D., Zink, R., DeLaurentis, P. (2019). High-Alert Medication Administration and Intravenous Smart Pumps: A Descriptive Analysis of Clinical Practice. *Research in Social and Administrative Pharmacy*. <https://doi.org/10.1016/j.sapharm.2019.02.007>
- Baker, D., Quinn, B. Ewan, V., **Giuliano, K.** (2018). Sustaining quality improvement: Long-term reduction of non-ventilator hospital-acquired pneumonia. *Journal of Nursing Care Quality*. 9-6- 2018, DOI: 10.1097/NCQ.0000000000000359. PMID: [30198950](https://pubmed.ncbi.nlm.nih.gov/30198950/)
- Giuliano, KK.** (2018). IV smart pumps and error-prone programming tasks: Comparison of four devices. *Biomedical Instrumentation & Technology*. 52(s2):7-16. PMID: [29775384](https://pubmed.ncbi.nlm.nih.gov/29775384/)
- Giuliano, K.** (2018). Non-ventilator hospital-acquired pneumonia: Where do we go from here? *American Journal of Infection Control*. 46(6): 730. DOI: 10.1016/j.ajic.2018.02.017. PMID: [29655668](https://pubmed.ncbi.nlm.nih.gov/29655668/)
- Giuliano, K.** (2018). Non-ventilator hospital-acquired pneumonia: Epidemiology to support prevention strategies. *American Journal of Infection Control*. 46(7): 847-848. DOI: 10.1016/j.ajic.2018.03.007. PMID: [29661623](https://pubmed.ncbi.nlm.nih.gov/29661623/).
- Giuliano, K.**, Baker, D., Quinn, B. (2018). The epidemiology of nonventilator hospital-acquired pneumonia in the United States. *American Journal of Infection Control*, 46(3): 322-327. DOI: 10.1016/j.ajic.2017.09.005.
- Giuliano, K.**, Wan-Ting Su., DeLaurentis, P., Degnan, D., Zink, R., Fitzgerald, K. (2018). Intravenous smart pump drug library compliance: A descriptive study of 44 hospitals. *Journal of Patient Safety*. 14: e76-e82. Doi: 10.1097/PTS.0000000000000383. PMID: [2857495](https://pubmed.ncbi.nlm.nih.gov/2857495/).

- Gray, M., **Giuliano, K.** (2018). Incontinence-associated dermatitis, characteristics and relationship to pressure injury: A multisite epidemiologic analysis. *JWOCN*, 45(1): 63-67. DOI: 10.1097/WON.0000000000000390. PMID: [29300291](#).
- Schoener B, Baird P, Dorn L, **Giuliano K**, Ho M, Jump M, Sahiner B, Zink R. (2018). Using Data-Based Decisions to Transform Health Technology and Improve Patient Care. *Biomedical Instrumentation & Technology*. 2018; 52(s2):7-16. DOI: 10.2345/0899-8205-52.s2.7. PMID: [29775385](#).
- Giuliano, K.** (2018). Intravenous smart pumps: Usability issues, intravenous medication administration error, and patient safety. *Critical Care Nursing Clinics of North America*. 30: 215-224. DOI: 10.1016/j.cnc.2018.02.004. PMID: [29724440](#). **Invited for special issue on human factors in healthcare.**
- Giuliano, K.**, Hendricks, J. (2017). Nursing knowledge of inadvertent perioperative hypothermia. *AORN Journal*, 105, 453-463. PMID: [28454611](#).
- Giuliano, K.** (2017). Improving patient safety and clinical outcomes through nursing surveillance. *AAMI Horizons, Spring*, 34-43.
- Giuliano, K.** (2017). Improving patient safety and clinical outcomes through nursing surveillance. *Biomedical Instrumentation & Technology*. 51(2): 34-43. DOI: 10.2345/0899-8205-51.s2.34. PMID: [28296456](#)
- Campoe, K,** **Giuliano, K.** (2017). Impact of Frequent Interruption on Nurses' Patient-Controlled Analgesia Programming Performance. *Human Factors and Ergonomics Society Journal*. 59(8):1204-13. DOI: 10.1177/0018720817732605. PMID: [28925730](#).
- Giuliano, K.**, Ruppel, H.** (2017). Are IV smart pumps smart enough? *Nursing 2017*. 41(3). 64-66.
- Giuliano, K**, Danesh, V, Funk, M. (2016). The relationship between nurse staffing and 30-day readmission for adults with heart failure. *JONA*, 46: 25-29. DOI: 10.1097/NNA.0000000000000289. PMID: [26579974](#).
- Giuliano, K.** (2015). IV smart pumps: The impact of a simplified user interface on clinical use. *Biomed Instrum Technol*. 13(s.4): 13-21. DOI: 10.2345/0899-8205-49.s4.13. PMID: [26444045](#).
- Giuliano, K**, Niemi, C. (2015). The urgent need for innovation in IV smart pumps. *Nursing Management*, 46(3). 17-19. DOI: 10.1097/01.NUMA.0000461066.79777.06. PMID: [25692639](#).
- Giuliano, K**, Neimi, C. (2016). The urgent need for innovation in IV infusion devices. *Nursing 2016*, 24(4). 66-68. DOI: 10.1097/01.NURSE.0000480617.62296.d7. PMID: [27008058](#). **(Re-publication by journal request).**
- Giuliano, K**, Droms, C. (2014). The stakeholder approach: A new perspective on developing and marketing clinical trials. *Healthcare Marketing Quarterly*, 31(1). 1-12. DOI: 10.1080/07359683.2014.876884. PMID: [24617719](#).
- Giuliano, K**, Jahrsdoerfer, M., Case, J, Drew, T., Raber, G. (2012). The role of clinical decision support tools to reduce blood pressure variability in critically ill patients receiving vasopressor support. *Computers and Informatics in Nursing*. 30(4), 204-209. DOI: 10.1097/NCN.0b013e3182418c39. PMID: [22228216](#).
- Henneman, E., Gawlinski, A., **Giuliano, K.** (2012). Surveillance: A strategy for improving patient safety in acute and critical care units. *Critical Care Nurse*. 32(2). 9-18. DOI: 10.4037/ccn2012166. PMID: [22467622](#).
- Giuliano, K**, Ferguson, M., Silfen, E. (2012). Medical technology innovation and the importance of comparative effectiveness research. *Journal of Medical Marketing*, 12(1). 55-66.
- Giuliano, K**, Droms, C. (2012). The Chinese health care system: An analysis of the current and emerging health care needs. *Journal of Medical Marketing*, 12(2). 123-136.
- Giuliano, K.**, Lecardo, M., Staul, L. (2011). Impact of Protocol Watch™ on Compliance with the Surviving Sepsis Campaign. *American Journal of Critical Care*. 20(4). 313-321. DOI: 10.4037/ajcc2011421. PMID: [21724635](#).
- Giuliano, K.**, Johanassen, A, Hernandez, C. (2010). Simulation Evaluation of an Enhanced Bedside Monitor Display for Patients with Sepsis. *AACN Advanced Critical Care*. 20(1). 21-34. DOI: 10.1097/NCI.0b013e3181bc8683. PMID: [20118701](#).

- Smith, L., **Giuliano, K.** (2010). Rapid Response Teams: Improved Patient Safety and Outcomes. *AACN Advanced Critical Care*. 21(2). 126-129.
- Roche, J., & **Giuliano, K.** (2010). Human Patient Simulation in Critical Care. *AACN Advanced Critical Care*, 21(1), 4. doi:10.4037/15597768-2010-1002
- Polanowicz, M., **Giuliano, K.** (2009). Emerging Role of Clinical Decision Support in the care of Critically ill Patients. *AACN Advanced Critical Care*. 20(4). 319–321.
- Giuliano, K.** (2009). Monitoring and Treatment of Sepsis: Early Detection of one of the World’s Oldest Killers. *Managing and Infection Control*. January. 35-40.
- Bixby, M., **Giuliano, K.** (2008). Bladder pressure monitoring. *AACN Advanced Critical Care*. 19(4). 349-353. DOI: 10.1097/01.AACN.0000340715.48000.4a. PMID: [18981736](#).
- Giuliano, K.**, Lambert, P., Bloniasz, E. (2008). Pet visitation programs in critical care. *ICU Management*. 4. 21-22.
- Giuliano, K.**, Polanowicz, M. (2008). The interpretation and use of statistics in nursing research. *AACN Advanced Critical Care*. 19(2). 211-222. DOI: 10.1097/01.AACN.0000318124.33889.6e. PMID: [18560290](#).
- Giuliano, K.** (2008). Basic strategies for review of medical device research. *AACN Advanced Critical Care*. 19(3). 258-260.
- Gregg, RE., Zhou, SH., Lindauer, JM., Helfenbein, ED., **Giuliano, K.** (2008). What is inside the electrocardiograph? *Journal of Electrocardiology*. 41(1). 8-14.
- Giuliano, K.** (2007). Physiologic monitoring predictors for patients with sepsis: Testing a predictive model for the early detection of sepsis. *American Journal of Critical Care*. 16(2). 120-129. PMID: [17322011](#).
- Richards, N, **Giuliano, K.**, Jones, P. (2006). Prospective comparison of 3 new-generation pulse oximeters during ambulation after open-heart surgery. *Respiratory Care*. 51(1). 29-35. PMID: [16381614](#).
- Giuliano, K.** & Liu, L. (2006). Knowledge of pulse oximetry among critical care nurses. *Dimensions of Critical Care Nursing*. 25(1). 44-49. PMID: [16501373](#).
- Clark, A. **Giuliano, K.**, Hsing-Mei, C. (2006). Pulse Oximetry Revisited: But His O2 Sat was Normal! *Clinical Nurse Specialist*, 20(6). 268-72. PMID: [17149014](#)
- Giuliano, K.** (2006). Continuous physiologic monitoring and the identification of sepsis: What is the evidence supporting current clinical practice? *AACN Advanced Critical Care*. 17(2). 215-223. PMID: [16767023](#).
- Magee, T., Lee, S., & **Giuliano, K.**, Munro, B. (2006). Generating new knowledge from existing knowledge: The use of large datasets for nursing research. *Nursing Research*. 55(25). S50-58. PMID: [16601635](#).
- Giuliano, K.** & Kleinpell, R. (2005). The use of common continuous monitoring parameters: A quality indicator for critically ill patients with sepsis. *AACN Clinical Issues*. 16(2). 140-148. PMID: [15876881](#).
- Jahrsdoerfer, M., **Giuliano, K.**, Stephens, D. (2005). Clinical usefulness of the EASI 12-lead continuous ECG monitoring system. *Critical Care Nurse*. 25(5). 28-38. PMID: [16183750](#).
- Wood, R., **Giuliano, K.** (2006). Assessing cognitive ability in research: Use of MMSE with minority populations and elderly adults with low education levels. *Journal of Gerontological Nursing*. 32(6). 45-54. PMID: [16615712](#).
- Giuliano, K.**, Higgins, T. (2005). New generation pulse oximetry in the care of critically ill patients. *American Journal of Critical Care*. 14(1). 26-37. PMID: [15608106](#).
- Giuliano, K.**, Tyer-Viola, L., Palan-Lopez, R. (2005). Unity of Knowledge as a Necessity for the Development and Advancement of Nursing Knowledge. *Nursing Science Quarterly*. 18(3). 243-247. ***listed as one of most cited manuscripts for the year in that journal**
- Wood, R, **Giuliano, K.**, Liu, L. (2004). Challenges in mammography screening for older women. *The Nurse Practitioner Journal*. 29(11). 12-13. PMID: [15625489](#).
- Giuliano K.** (2003). Backrest angle and cardiac output measurement in critically ill patients. *Nursing Research*, 52(4). 242-248. PMID: [12867781](#). ***listed as one of most cited manuscripts for the journal year**
- Giuliano K.** (2003). Expanding the Use of Empiricism in Nursing: Can we Bridge the Gap between Knowledge and Clinical Practice? *Nursing Philosophy*. 4(1). 44-52. PMID: [14498967](#).

- Giuliano, K.,** Perkins, S. (2002). Implementing a point-of-care testing program in the critical care setting. *Clinical Leadership and Management Review*, 16(3). 139-147. PMID: [12046267](#).
- Giuliano K.,** Grant, M. (2002). Blood analysis at the point of care: Application for use in critically ill patients. *AACN Clinical Issues*. 13(2). 204-220. PMID: [12011593](#).
- Richards, N., **Giuliano, K.** (2002). Transfusion practices in critical care. *American Journal of Nursing*, May supp. 16-22. PMID: [12006869](#).
- Newell-Stokes G., Broughton S., **Giuliano K.,** Stetler C. (2001). Developing an evidence-based practice procedure: Maintenance of central venous catheters. *Clinical Nurse Specialist*, 15(5). 199-206. PMID: [11855609](#).
- Giuliano, K.,** Scott, S., Giuliano, A., Maclachlan, E., Pysznik, E., Elliot, S., Woytowicz, D. (2000). Temperature Measurement in Critically-Ill Adults: A Comparison of PA Core, Tympanic and Oral Methods. *American Journal of Critical Care*. 9(4). 254-61.
- Giuliano, K.,** Giuliano, A., Bloniasz, E., Quirk, P., Wood, J. (2000). A QI Approach to Meeting the Needs of critically ill patients and their families. *Dimensions of Critical Care Nursing*, 19(1). 30-34.
- Giuliano, K.,** Adams D. (2000). The clinical nurse specialist in non-traditional roles. *Clinical Nurse Specialist*. 14(4). 155, 157.
- Giuliano, K.,** Giuliano, AJ., Bloniasz, E., Quirk, P., Wood, J. (2000) Families first. *Nursing Management*, 31(5). 46-50. PMID: [15127494](#).
- Giuliano, K.,** Giuliano, A. J., Bloniasz, E., Quirk, P. A., & Wood, J. (2000). Liberal visitation policies may be in patients' best interest. *Nursing Management (Springhouse)*, 31(5), 5. doi:10.1097/00006247-200005000-00019
- Giuliano, K.,** Brown, V., Olson, M. (2000). Variations in Cardiac Output at Different HOB Heights. *Critical Care Medicine*, 28(1).
- Giuliano, K.,** Brown, V., Olson, M. (2000). Effects of degrees of backrest elevation on cardiac output using the CCO method. *American Journal of Critical Care*, 9(3). 215.
- Giuliano, K.,** Scott, S., Elliot, S., Pysznik, E. (1999). Temperature Measurement in Critically-Ill Orally Intubated Adults: A Comparison of PA Care, Tympanic and Oral Methods. *Critical Care Medicine*, 27(10). 2188-2193. PMID: [10548205](#).
- Giuliano, K.,** Higgins, TL., Pysznik, E., McGee, W., Perkins, S., Jaciow, D. (1999). Cost-effectiveness and laboratory turnaround time using expanded point-of-care testing in the ICU. *Critical Care Medicine*. 27(1). A115.
- Giuliano, K.,** Bloniasz, E., Bell, J. (1999). Implementation of a Pet Visitation Program in a Critical Care Unit. *Critical Care Nurse*. 19(3). 43-49.
- Giuliano, K.** (1999). Organ Transplants: Tackling the Tough Ethical Issues, Part II. *Nursing*. 99, 27(5). 34-39.
- Giuliano, K.,** Sims, TW. (1999). Transplant issues: Infections and immunosuppressant drugs. *Dimensions of Critical Care Nursing*, 18(2). 16-19. PMID: [10640004](#).
- Scott, S, **Giuliano, K.** (1998). Influence of Port Site on Central Venous Pressure Measurements from Triple Lumen Catheters in Critically Ill Adults. *American Journal of Critical Care*, 7(1). 60-63. PMID: [9429684](#).
- Teres, D., Higgins, T., Steingrub, J., Loiacono, L., McGee, W., Circeo, L., **Giuliano, K.,** LeGall, JR., Artigas, A., Strosberg, M., Lemeshow, S. (1998). Defining a High Performance ICU System for the 21st Century. *Journal of Intensive Care Medicine*, 13(4). 195-205.
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- Giuliano, K.,** Pysznik, E. (1998). Renal Replacement Therapy in Critical Care. Implementation of a Unit-based CVVH program. *Critical Care Nurse*, 18(1). 40-51. PMID: [9515467](#).

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- Giuliano, K.** (1997). Organ Transplants: Tackling the Tough Ethical Issues. *Nursing* 97, 27(5). 34-40. PMID: [9165832](#).
- Giuliano, K.,** Scott, S. (1996). Temperature measurement in critically ill orally intubated adults: A comparison of PA core, oral and tympanic methods. *American Journal of Critical Care*. 5(3). 242.
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- Sims, TW., **Giuliano, K.** (1994). A Team Approach for Reviewing Ethical Cases. *ANNA Journal*. 21(3).
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- Sims, TW., **Giuliano, K.** (1993). An innovative approach to transplant patient teaching. *ANNA Journal*. 20(3).
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- Kaye, W., Mancini, M., **Giuliano, K.** (1992). Early defibrillation in the hospital by staff nurses using automated external defibrillators: Training and retention issues. *Critical Care Medicine 20(4).* S59.
- Giuliano, K.,** Giuliano, A. (1992). Cardiovascular response to family visitation and nurse-physician collaborative rounds. *Heart and Lung. 21(3).* 290.

PRESENTATIONS (Invited)

- Baker, D., **Giuliano, K.** Sepsis in the context of nonventilator hospital-acquired pneumonia. National Sepsis Alliance Healthcare-acquired Infection Summit, December 10, 2020 (Virtual).
- Giuliano, K.** Challenging precedent: Critical care nursing and medical product innovation. American Association of Critical Care Nurses National Teaching Institute. May, 2021 (**COVID-19 virtual**).
- Giuliano, K.** Challenging precedent: Critical care nursing and medical product innovation. American Association of Critical Care Nurses National Teaching Institute. May 4, 2020 (**COVID-19 cancellation**).
- Giuliano, K.** The use of eye tracking technology as a measure IV smart pump programming complexity. Regenstrief National Center for Medical Device Informatics (REMEDI) Annual Conference. April 16, 2019, Chicago IL (**COVID-19 cancellation**).
- Giuliano, K.** Innovative approach to enhancing patient mobility and preventing DVT. Advocate Health System Innovation Conference, April 24, Madison WI (**COVID-19 cancellation**).
- Giuliano, K.** The unconventional journey of a nurse researcher: Leading nursing innovation. Hackensack Meridian Health 15th annual Anna May Center Nursing Research Conference, December 3, 2019, Hackensack, NJ.
- Clipper, B., Eckmann, D., Hanners, A., Gill, M., **Giuliano, K.** Non-traditional pathways in healthcare. Healthcare Innovation & Entrepreneurship Workshop. The Ohio State, September 24, 2020.
- Vanderveen, T., **Giuliano, K.,** Suess, T. Secondary medication administration using IV smart pumps and other high-risk tasks. ICU Medical National Webinar, October 29, 2019.

- Giuliano, K.** Unleashing the power of nurses as innovators. Innovation Learning Network “Going Rogue”, September 26, 2019, Boston MA.
- Giuliano, K.** The power of nurses as innovators. Distinguished Plenary Speaker, The National Academy of Medicine Future of Nursing 2020-2030 Regional Meeting. Co-sponsored by The Robert Wood Johnson Foundation & AARP. August 7, 2019, Seattle WA.
- Giuliano, K.** Innovation & EntrepNURSEship. Endnote Address, Long Beach Memorial Hospital Research Conference: Focus on Innovation. May 9, 2019, Long Beach CA.
- Giuliano, K.,** Vermace, B., Hirschy, S. The Team Approach to Improving Medication Infusion Safety using IV Smart Pumps. Regenstrief National Center for Medical Device Informatics (REMEDI) Annual Conference. April 13, 2019, Chicago IL.
- Baker, D., Quinn, B., Munro, S., **Giuliano, K.** What is your hospital doing about the #1 hospital-acquired infection? American Hospital Association/American Organization of Nurse Executives National Webinar. March 27, 2018 (1pm EST).
- Giuliano, K.,** Baker, D., Quinn, B. Non-ventilator hospital acquired pneumonia and sepsis outcomes. AACN National Teaching Institute. Boston, MA. May 23, 2018. **Research Abstract Award Winner**
- Giuliano, K.** The future of work. Exponential Medicine/Singularity University National Conference. San Diego, CA. November 6, 2018.
- Giuliano, K.** Non-ventilator hospital acquired pneumonia: The hidden epidemic. APIC National Conference, Minneapolis, MN. June 13, 2018.
- Giuliano, K.** Unconventional journey. From bedside nurse to nurse scientist. Hallmark Health. Hallmark Health, Melrose, MA. 2010.
- Giuliano, K.** Evidence-based practice in the care of the critically ill. Stanford Cardiovascular Symposium. Palo Alto, CA. 2007.

PRESENTATIONS (with graduate student)**

- Giuliano, KK.,** Blake, J.** How smart are IV smart pumps. American Medical-Surgical Nurses National Conference, October, 2021 (**accepted for live presentation**)
- Giuliano, KK.,** Blake, J.** Penoyer, D. The state of the science of IV medication administration safety using IV smart pumps. Eastern Nurses Research Society Symposium, March 2021 (**COVID-19 virtual, in review**).
- Baker, D., **Giuliano, K.** A cluster randomized trial of NVHAP prevention. Association for Professionals in Infection Control (APIC). June, 2021 (**accepted COVID-19 virtual**).
- Giuliano, K.,** Blake, J.** How smart are IV smart pumps? American Association of Critical Care Nurses National Teaching Institute, May 2021 (**accepted COVID-19 virtual**).
- Giuliano, K.,** Radersdorf, T., Ackerman, M. Leading Healthcare Innovation: Opportunities for Critical Care Nurses. National Teaching Institute Mastery session, May 2021 (**accepted COVID-19 virtual**).
- Giuliano, K.** The implementation of NVHAP prevention in your hospital. American Association of Critical Care Nurses National Teaching Institute. May 5, 2020 (**COVID-19 cancellation**).
- Giuliano, K.,** Baker, D. A cluster randomized trial of NVHAP prevention. ID week National Conference, October, 2020 (**COVID-19 virtual**).
- Giuliano, K.** How smart are IV smart pumps? American Association of Critical Care Nurses National Teaching Institute. May 5, 2020 (**COVID-19 cancellation**).
- Giuliano, K.** Penoyer, D., Middleton, A., Baker, D. Oral care as prevention for nonventilator hospital-acquired pneumonia: A four-unit cluster randomized trial. ID Week National Conference (Virtual), October 21, 2020.
- Giuliano, K.** Penoyer, D., Middleton, A., Baker, D. Oral care as prevention for nonventilator hospital-acquired pneumonia: A four-unit cluster randomized trial. CANS National Conference (Virtual), September 16, 2020.
- Giuliano, K.** How smart are IV Smart Pumps? AACN Horizons Conference. Portland ME. April 2, 2020 (**COVID-19 cancellation**).

- Giuliano, K.** The implementation of NVHAP prevention in your hospital. American Association of Critical Care Nurses National Teaching Institute. May 5, 2020 (**COVID-19 cancellation**).
- Giuliano, K.** Challenging precedent: Critical care nursing and medical product innovation. American Association of Critical Care Nurses National Teaching Institute. May 4, 2020 (**COVID-19 cancellation**).
- Giuliano, K.** How smart are IV smart pumps? American Association of Critical Care Nurses National Teaching Institute. May 5, 2020 (**COVID-19 cancellation**).
- Baker, D., **Giuliano, K.** The hidden epidemic of nonventilator hospital-acquired pneumonia. American Association of Critical Care Nurses National Teaching Institute. May 5, 2020 (**COVID-19 cancellation**).
- Campoe, K., **Giuliano, K.** Smart pumps & patient safety: A decade of evidence to guide practice, decision-making, and leadership. Association for Medical-Surgical Nursing National Conference. Orlando, FL. September 15, 2018.
- Giuliano, K.,** Baker, D., Quinn, B. Non-ventilator hospital acquired pneumonia and sepsis outcomes. AACN National Teaching Institute Preconference. Boston, MA. May 20, 2018.
- Giuliano, K.,** Baker, D., Quinn, B. Hidden in Plain Sight: Non-ventilator hospital acquired pneumonia. AONE National Conference. AONE National Conference. April 12, Indianapolis, IN. 2018.
- Giuliano, K,** Pozzar, R.** V Smart Pump Drug Library Use and Compliance: A Descriptive study in 44 Hospitals. ENRS Regional Conference. April 12, Newark NJ. 2018.
- Giuliano, K.** IV Smart Pump Drug Library Use and Compliance: A Descriptive study in 44 Hospitals. Magnet National Conference. October 12, Houston, TX. 2017.
- Giuliano, K.,** Baker, D., Quinn, B. Non-ventilator hospital acquired pneumonia: The hidden epidemic. AACN National Teaching Institute. May 22, Houston, TX. 2017.
- Giuliano, K,** Baker, D., Quinn, B. Non-ventilator hospital acquired pneumonia: The hidden epidemic. APIC. June 16, Portland, OR. 2017.
- Giuliano, K.** IV Smart Pump Drug Library Use and Compliance: A Descriptive study. AAMI IV infusion safety coalition. September 28, Chicago. 2016.
- Giuliano, K.** Usability issues with IV smart pumps. Smart Monitoring. August 12, Orlando. 2016.
- Giuliano, K.** IV Infusion Safety: The Impact of a Simplified User Interface. Human Factors Engineering and Usability Summit. February 10-11, San Francisco. 2016.
- Giuliano, K.** Non-ventilator hospital acquired pneumonia: The hidden epidemic. AACN National Teaching Institute. May 18, New Orleans, LA. 2016.
- Giuliano, K.** Non-ventilator hospital acquired pneumonia in the US: Incidence and Cost. ENRS. April 13-15, Warwick, RI. 2016.
- Giuliano, K.** Every nurse a leader: Clinically based nursing research. Cameron Conference Keynote Speaker. May 18. Boston, MA. 2016.
- Giuliano, K.** IV smart pumps: Human factors considerations. National IV Safety Coalition. May 13, Alexandria VA. 2015.
- Giuliano, K.** Use-errors with IV smart pumps. Human Factors and Ergonomic Society. April 10, Baltimore, MD. 2015.
- Giuliano, K.** Evidence-based practice for clinical decision-making. AACN, Portland, OR. 2009.
- Giuliano, K.** Measuring the impact of clinical information systems in critical care. AACN National Teaching Institute. Chicago, IL. 2008.
- Drew, B., Funk, M, **Giuliano, K.** ST segment analysis in the critically ill. AACN National Teaching Institute. Atlanta, GA. 2007.
- Drew, B., Funk, M., Hanneman, S., Moser, D., **Giuliano, K.** A decade plus: Contributions to science from AACN-Philips Research Grants. AACN National Teaching Institute. Atlanta, GA. 2007.
- Henneman, E., **Giuliano, K.** Surveillance monitoring in the critically ill. AACN National Teaching Institute. 2006.

- Ackerman, M., Richards, N., **Giuliano, K.** Critical care clinicians as experts in product development: How to get involved in the product development cycle. AACN National Teaching Institute. 2006.
- Giuliano, K.**, Johannessen, A., Leighton, K. Virtual Reality Clinical Simulation: Caring for a critically ill patient with sepsis. Medical Education Technologies Annual Conference on Medical Simulation. Tampa, FL. 2006.
- Giuliano, K.** Pet visitation in critical care: What the evidence shows. SCCM National Conference, San Francisco, CA. 2006.
- Giuliano, K.** Physiologic monitoring for critically ill patients at risk for sepsis. National Teaching Institute. New Orleans, LA. 2005.
- Henneman, B., **Giuliano, K.** Surveillance: The Key to Patient Safety. AACN National Teaching Institute. New Orleans, LA. 2005.
- Magee, T., Lee, S., **Giuliano, K.**, Munro, B. Research using large datasets-What are the issues. ENRS Annual Conference. Panel Symposium, New York City. 2005.
- Giuliano, K.** Physiologic monitoring for critically ill patients at risk for sepsis. ENRS Annual Conference. New York City. 2005.
- Giuliano, K.**, Ackerman, M., Richards, N., Tigner, V. State of the science of new generation SpO2 measurement. AACN National Teaching Institute. Orlando, FL. 2004.
- Giuliano, K.**, Ackerman, M., Richards, N., Tigner, V. Partnering with industry for clinical research. AACN National Teaching Institute. Orlando, FL. 2004.
- Wood, R., **Giuliano, K.**, Liu, L. Patterns of mammography use related to age and functional limitations among older women. Eastern Nursing Research Society. Boston, MA. 2004.
- Giuliano, K.** Utilization-focused research reviews for use in clinical practice. AACN National Teaching Institute. ½ day Mastery Session. San Antonio, TX. 2003.
- Giuliano, K.** A review of the research on the new motion-tolerant SpO2 devices. AACN National Teaching Institute. Atlanta, GA. 2002.
- Giuliano, K.** Continuous cardiac output measurement at varying head-of-bed heights. Eastern Nursing Research Society. College Station, PA. 2002.
- Giuliano, K.**, Bilodeau, ML. Continuous veno-venous hemodiafiltration. AACN National Teaching Institute. ½ Day Mastery Session, Anaheim, CA. Anaheim, CA. 2001.
- Giuliano, K.** Effects of degrees of backrest elevation on cardiac output using the CCO method. AACN National Teaching Institute. Orlando, FL. 2000.
- Giuliano, K.** Thermometry in the Critically Ill. AACN National Teaching Institute. New Orleans, LA. 1999.
- Giuliano, K.**, Pysnik, E, Tynan, C, Thomas, D, Manning, C. Paving the way for improvements in patient care: Expanded point-of-care testing in critical care. AACN National Teaching Institute, full-day pre-conference Workshop. New Orleans, LA. 1999.
- Stetler, C., **Giuliano, K.** The implementation of evidence-based nursing practice in a nursing service. Eastern Nursing Research Society. New York, NY. 1999.
- Stetler, C., Riley, J., **Giuliano, K.** Utilization-focused integrative reviews: An overview and identification of the issues. Eastern Nurses Research Society. New York, NY. 1999.
- Giuliano, K.** Research Utilization in the Intensive Care Unit. 2nd Annual Nursing Research Utilization Conference, University of Hartford. Hartford, CT. 1998.
- Giuliano, K.** Point-of-care testing in the ICU. AACN National Teaching Institute. Los Angeles, CA. 1998.
- Giuliano, K.** Point-of-care testing in the ICU. National Laboratory Conference, oral research presentation, Portland, ME. 1997.
- Stetler C, **Giuliano, K.** Guidelines based nursing practice. University of Iowa research utilization conference. Iowa City, Iowa. 1997.
- Stetler C, **Giuliano, K.** Integrated review in a nursing Service. University of Iowa research utilization conference. Iowa City, Iowa. 1997.

- Scott, S, **Giuliano, K.** The relationship of triple lumen catheter port site on central venous pressure readings in critically ill adults. AACN National Teaching Institute, oral research presentation, Orlando, FL. 1997.
- Giuliano, K.** Beyond the boundaries: Critical care nursing in the year 2000. AACN National Teaching Institute. Orlando, FL. 1997.
- Giuliano, K.** Issues and controversies in solid organ transplantation. AACN National Teaching Institute. Anaheim, CA. 1996.
- Ackerman, M., Hendricx, L., **Giuliano, K.** Critical care experience preferred: Beyond traditional boundaries. AACN National Teaching Institute. Anaheim, CA. 1996.
- Giuliano, K.** Professional Development Committee AACN National Teaching Institute, New Orleans, LA. 1995.
- Giuliano, K.** Overview of pancreas transplantation. SVAACN Annual Conference. Hershey, PA. 1995. **Invited.**
- Edwards, H., **Giuliano, K.**, Cohen, B. Valuing cultural diversity in nursing practice. National NNSA Conference. Charlottesville, VA. 1994.
- Sims, TW., **Giuliano, K.** A team approach for reviewing ethical cases. ANNA National Conference. Dallas, TX. 1994.
- Giuliano, K.** Pancreas transplantation: Critical care nursing in the 90's. AACN National Teaching Institute. Atlanta, GA. 1994.
- Giuliano, K.** Overview of transplantation: Issues and controversies. Feature speaker, ANNA National winter audio-conference series. 1994.
- Sims, TW., **Giuliano, K.** An innovative approach to transplant patient teaching. ANNA National Conference. Orlando, FL. 1993.
- Giuliano, K.,** Giuliano, A. Cardiovascular response to family visitation and nurse-physician collaborative rounds. AACN National Teaching Institute. New Orleans, LA. 1992.
- Kaye, W., Mancini, M., **Giuliano, K.**, Wynne, G. Early defibrillation in the hospital by staff nurses using AED's. National Emergency Cardiac Care Conference. Seattle, WA. 1992.
- Giuliano, K.** Case presentation in thrombolytic therapy. AACN National Teaching Institute. Boston, MA. 1991.
- Matrone, J., McKenna, M., **Giuliano, K.** Quality in the 1990's depends on nursing case management. Annual Cardiovascular Case Management Conference. Charleston, SC. 1991.
- Giuliano, K.,** Kaye, W. Do-Not-Resuscitate: What does that really mean? Selected to participate in the Society of Critical Care Medicine Landmark Consensus Conference on Fostering Humanism in Critical Care. Snowbird, Utah. 1990.
- Kaye, W., Dublin, H., Rallis, S., Linhares, K., **Giuliano, K.**, Wynne, G. A modified ACLS Course. Emergency Cardiac Care Update Conference. Albuquerque, NM. 1990.

Selected PRESENTATIONS (Poster since 2000, *with undergraduate, **with graduate)

- Condon, J., ** Fiske, S., ** **Giuliano, K.** IV Smart Pump Usability: A Qualitative Analysis. Eastern Nursing Research Society. March 27, 2020, Boston MA. (**COVID-19 cancellation**)
- Giuliano, K.** Mobile Active Compression: A novel device for mobility, DVT prevention and hospital noise reduction. Eastern Nursing Research Society. March 27, 2020, Boston MA. (**COVID-19 cancellation**)
- Bannish, S**; Anania, C**; **Giuliano, K.** Emergency Department Utilization by Children of Somali Immigrants in Lewiston, Maine. Maine Medical Society, September 6, 2019, Bar Harbor, ME.
- Baker, D, Quinn, B, **Giuliano, K.** Non-ventilator hospital acquired pneumonia: Nurse sensitive outcome for the #1 hospital-acquired infection. ANA Quality & Innovation Conference, April 24, 2019, Orlando FL.
- Giuliano, K.** The use of a novel device to reduce downstream occlusion alarms on IV smart pumps. Eastern Nursing Research Society. April 3, 2019, Providence RI.
- Giuliano, K,** Pozzar, R,** Hatch, C. Thrombophylaxis following hospitalization for joint replacement surgery. Massachusetts General Hospital Nursing Research Day, May 8, 2019, Boston MA.
- Giuliano, K,** Pozzar, R,** Hanley, C.* Thrombophylaxis following hospitalization for joint replacement surgery. Northeastern University RISE conference, April 4, 2019.

- Giuliano, K, Hornstein, P.*** An implementation science approach to reduce non-ventilator hospital-acquired pneumonia. Northeastern University RISE conference, April 4, 2019.
- Giuliano, K.** The use of a novel device to reduce downstream occlusion alarms on IV smart pumps. American Association of Critical Care Nurses Horizons Conference. October 9, 2018, Manchester NH.
- Giuliano, K, Salinas, C.** Surgical Smoke evacuation: A survey of OR nurses. Association of Operating Room Nurses National Conference. March 24, 2018, New Orleans LA.
- Giuliano, K.** How “Smart” are IV Smart Pumps? Human Factors and Ergonomic Society National Conference, March 27, 2018, Boston MA.
- Giuliano, K.** How “Smart” are IV Smart Pumps? National Patient Safety Foundation National Conference, May 24, 2018, Boston MA.
- Giuliano, K, Quinn, B., Baker, D.** Non-ventilator hospital acquired pneumonia versus pneumonia as an admission diagnosis in patients who develop sepsis: incidence and cost. Massachusetts General Hospital, May 10, 2018. Boston, MA.
- Giuliano, K, Quinn, B., Baker, D.** Non-ventilator hospital acquired pneumonia versus pneumonia as an admission diagnosis in patients who develop sepsis: incidence and cost. APIC, Institute for Healthcare Improvement (IHI) National Conference. December 11, 2017, Orlando Florida.
- Giuliano, K, Quinn, B., Baker, D.** Non-ventilator hospital acquired pneumonia versus pneumonia as an admission diagnosis in patients who develop sepsis: incidence and cost. APIC, June 16, 2017, Portland OR.
- Campoe, K, **Giuliano, K** & Wagner, R. Tell Me What You Think About Interruptions: Medical-Surgical Nurses’ Perceptions of Interruption during PCA Administration. American Medical-Surgical Nurses Association. October 1, 2016, Washington, D.C.
- Giuliano, K, Quinn, B., Baker, D.** Non-ventilator hospital acquired pneumonia: The hidden epidemic. AACN National Teaching Institute. May 18, 2016, New Orleans, LA.
- Giuliano, K.** IV Smart Pumps: The impact of a simplified user-interface on clinical use. AACN National Teaching Institute. May 18, 2016, New Orleans, LA.
- Giuliano, K., Funk, M., & Ruppel, H.** Patient safety and IV line mix-up: Strategies to reduce IV medication error. ENRS. April 13-15, 2016, Warwick, RI.
- Giuliano, K., & Hendricks, J.** Unintentional hypothermia: A survey of perioperative nursing knowledge. AORN conference, April 2-7, 2016, Anaheim, CA.
- Giuliano, K, Quinn, B., Baker, D.** Non-ventilator hospital acquired pneumonia in the US: Incidence and Cost. AACN Horizons. April 5-7, 2016, Warwick, RI.
- Giuliano, K.** IV Infusion Safety: The Impact of a Simplified User Interface on Programming Times for IV Smart Pumps. ENRS. April 17, 2015, Washington, DC.
- Giuliano, KK, & Gray, M.** Incontinence Associated Dermatitis and Immobility as Pressure Ulcer Risk Factors: A Multisite Epidemiologic Study. Canadian Association of Critical Care Nurses, 2015, Toronto, CA.
- Giuliano, KK, Giuliano, AJ.** Physiologic response to family visitation and nurse-physician collaborative rounds. AACN National Teaching Institute, 2008, Chicago, IL.
- Giuliano, KK, Raber, G, Case, J, Drew, T, Donahue, J, Hillsgrove, D, Manning, S.** Optimization of Blood Pressure Management with Vasoactive Medications using Horizon Trends. World Congress of Anesthesia, 2008, Capetown, South Africa.
- Giuliano, KK, Cummings, E, Tivig, G, Staul, L, Lecardo, M.** Using clinical decision support to improve the care of patients with sepsis. World Congress of Anesthesia, 2008, Capetown, South Africa.
- Giuliano, KK, Giuliano, AJ.** Blood pressure response to family visitation and nurse-physician collaborative rounds. Society of Critical Care Medicine, 2008, Honolulu, HI.
- Giuliano, KK, Cummings, E, Tivig, G, Staul, L, Lecardo, M.** Using clinical decision support to improve the care of patients with sepsis. International Sepsis Forum, 2007, Paris, France.
- Giuliano, KK.** Using clinical decision support to improve the care of patients with sepsis. European Society of Critical Care Medicine, 2007, Berlin, Germany.

- Giuliano, KK.** The identification and use of common physiologic monitoring parameters in the care of critically ill patients at risk for sepsis. International Sepsis Forum, 2007, Brussels, Belgium.
- Giuliano, KK.** Clinical simulation: Caring for a patient with sepsis. European Society of Critical Care Medicine, 2006, Barcelona, Spain.
- Giuliano, KK, Johannessen, A, Leighton, K.** Virtual reality clinical simulation: Caring for a critically ill patient with sepsis. Society for Medical Simulation, 2006, San Diego, CA.
- Giuliano, KK.** Physiologic monitoring for critically ill patients at risk for sepsis. European Society of Intensive Care Medicine, 2005, Amsterdam, The Netherlands.
- Giuliano, KK.** Physiologic monitoring for critically ill patients at risk for sepsis. Sigma Theta Tau International, 2005, Indianapolis, IN.
- Giuliano, KK.** Physiologic monitoring for critically ill patients at risk for sepsis. Society of Critical Care Medicine National Conference, 2005, Phoenix, AZ.
- Giuliano, KK.** Physiologic monitoring for critically ill patients at risk for sepsis. Eastern Nursing Research Society National Conference, 2005, New York, NY.
- Wood, R, **Giuliano, KK, Liu, L.** Patterns of mammography use related to age and functional limitations among older women. Eastern Nurses Research Society, 2004, Boston, MA.
- Ackerman, M, Graves, B, **Giuliano, KK.** A comparison of the accuracy of the Phillips Fast and Masimo Set pulse oximeters in patients following cardiac surgery. SCCM National Conference, 2004, Orlando, FL.
- Appavu, S, **Giuliano, KK, Duller, B.** How reliable are the new generation pulse oximeters in the detection of hypoxemia in the SICU. SCCM National Conference, 2004, Orlando, FL.
- Richards, N, **Giuliano, KK, Jones, P., Krentz, K, Basinger, S.** A Comparison of Three New Generation SpO2 Devices During Ambulation after Open Heart Surgery. AACN National Teaching Institute, 2004, Orlando, FL.
- Ackerman, M. Graves B, **Giuliano, K., Athilingam, P. Yeager, C.** Comparison of oxygen saturation values between two new generation pulse oximeters in patients following cardiac surgery. AACN National Teaching Institute, 2004, Orlando, FL.
- Wood, R, **Giuliano, KK.** An evaluation of the use of the MMSE as a screening tool for dementia in community-dwelling, low-education, black and white elderly women. Eastern Nurses Research Society, 2003, New Haven, CT.
- Giuliano, KK, Jahrsdoerfer, M, Stevens, D.** The clinical usefulness of the EASI 12 Lead ECG monitoring system. Eastern Nurses Research Society, 2003, New Haven, CT.
- Giuliano, KK, Brown, V, Olson, M.** Effects of degrees of backrest elevation on cardiac output using the CCO method. SCCM National Conference, 2000, Orlando, FL.
- Giuliano, KK, Brown, V, Olson, M.** Effects of degrees of backrest elevation on cardiac output using the CCO method. AACN National Teaching Institute, 2000, Orlando, FL.
- Giuliano, KK, Perkins, S.** Point-of-Care validation using the HP/iSTAT system in critical care. AACN National Teaching Institute, 2000, Orlando, FL.
- Giuliano, K, Scott, S, Elliot, S, Giuliano, A.** Temperature measurement in critically ill orally intubated adults: A comparison of PA core, oral and tympanic methods. Eastern Nursing Research Society, 1999, New York, NY.

RESEARCH (Externally-funded)

Active

- 2020 **Co-Investigator.** Large Volume IV Smart Pumps: A Comparison of the BD/Alaris and the Ivenix Infusion System During Actual Clinical Use, Orlando Regional Medical Center. Ivenix, \$90,000.
- 2020 **Consultant.** Exploration of the oral microbiome in non-ventilated hospitalized patients. University of Central Florida, F31 (Kimberly Rathbun), National Institutes of Health Award Number NR019518.

- 2020 **Principal Investigator.** COVID-19: Flow rate acute with remote IV infusion. Beta Zeta Chapter Sigma Theta Tau Graduate Mentoring Grant. \$2179.
- 2020 **Principal Investigator and UManage Center Research Fellow.** Lower limb mechanical compression device usability: A comparison of two devices on sleep quality, UManage Center (P20) pilot research grant, University of Massachusetts, Amherst, \$79,750. National Institute of Nursing Research of the National Institutes of Health under Award Number P20NR016599.
- 2020 **Principal Investigator.** A comparison of IV smart pump programming complexity using eye-tracking technology, Pilot Study, \$5000, University of Massachusetts.
- 2020 **Co-investigator.** National survey of nonventilator hospital-acquired pneumonia prevention. Medline, \$46,500.
- 2019 **Principal Investigator** (subaward). Mobile technology to reduce risk of DVT and increase patient compliance, NIH SBIR Phase 2. National Heart, Lung and Blood Institute of the National Institutes of Health under Award Number R44HL132624. \$1.8M.

Submitted-Not Awarded

- 2019 **Consultant.** SMART Diabetic Shoe to Improve Tissue Perfusion. NIH SBIR Phase 1 Award, \$410,108. Submitted September 5, 2019.
- 2020 **Principal Investigator** Patient safety and intravenous multiple infusions: Proof of concept of a prototype IV line organizer. NIH SBIR Phase 1 Award. Submitted January 5, 2020.

In Review

- 2021 **Consultant.** The NEVER Trial (**N**ursing **E**xcellence to a**V**oid **p**n**E**umonia **R**andomized Trial). Centers for Disease Control Epicenter Program Grant (*on COVID hold*)
- 2020 **Consultant** Patient safety and intravenous multiple infusions: Proof of concept of a prototype IV line organizer. NSF SBIR Short Proposal Accepted, full proposal in review.
- 2020 **Co-investigator and Innovation Ecosystem Core Director.** Technology Research for User Safety and Trust (TRUST). NSF Engineering Research Center (ERC) Pre-proposal, submission October 2020. Lead University: University of Massachusetts Amherst; Collaborators: MIT, Texas A&M, Indiana University, University of Michigan, San Jose University.

In Process

- 2021 **Principal Investigator.** A randomized controlled trial of oral care as nonventilator hospital-acquired pneumonia prevention. Agency for Healthcare Quality and Safety (AHRQ) R01. PA-17-008. Planned submission: submission May 25, 2021.
<https://grants.nih.gov/grants/guide/pa-files/PA-17-008.html>
- Co-investigator.** IV smart pumps: The impact of venous access device use on flow rate accuracy. AHRQ Health Services Research Dissertation Program (R36): submission February 1, 2021. <https://grants.nih.gov/grants/guide/pa-files/pa-18-765.html>
- Principal Investigator.** IV smart pump flow rate accuracy using clinically-relevant system configurations. Burroughs Wellcome Foundation, \$500,000. Submission date: February 12, 2021. <https://www.bwfund.org/funding-opportunities/regulatory-science/innovation-in-regulatory-science/>

Completed

- 2020 **Principal Investigator.** Usability testing: RF Health MAC System. RF Health, \$20,000.
- 2019 **Principal Investigator.** A pre-post comparison of clinical use between BD/Alaris, and ICU Medical/Plum 360 large-volume IV smart pumps, Orlando Regional Medical Center and Parkview Health. ICU Medical, \$60,000.

- 2019 **Principal Investigator**, Patient safety and intravenous multiple infusions: Pilot testing of a prototype IV line organizer. Northeastern University, \$5,000.
- 2019 **Consultant**, Doppler ultrasound blood Flow analysis while using the RF Mobile Active Compression (MAC) device among varied leg sizes, Recovery Force, \$5000.
- 2018 **Principal Investigator**. Comprehensive oral care for the prevention of non-ventilator hospital-acquired pneumonia, Orlando Regional Medical Center. Medline, \$180,000 (Direct funds); \$120,000 (Product Support).
- 2018 **Principal Investigator**. A comparison of two commercially available endotracheal tube holders on usability and device-related facial pressure injury, Orlando Regional Medical Center. Dale Medical, \$40,000
- 2018 **Principal Investigator**, OnCore RF2400 Back Device Qualitative Interview Study, Recovery Force, \$35,000.
- 2018 **Principal Investigator**, A Qualtrics survey of at-home compliance with post-discharge instructions after total hip and knee replacement. Recovery Force, \$4000.
- 2018 **Principal Investigator**, OnCore RF2400 Back Device Validation Study, Recovery Force, \$35,000.
- 2018 **Principal Investigator**, OnCore RF2400 Back Device Usability Study, Recovery Force, \$35,000.
- 2018 **Consultant**, Wearable technology to reduce risk of DVT and increase patient compliance. NIH SBIR Phase 1 Award. National Heart, Lung and Blood Institute of the National Institutes of Health under Award Number *R44HL132624*, \$250,000.
- 2017 **Principal Investigator**, IV Smart Pump Workflow Mapping: A Comparison of Four Devices, Ivenix, \$50,000.
- 2015 **Co-investigator**, Qualitative responses to IV-line setup: A pilot study, Yale University, \$1,500.
- 2014 **Principal Investigator**, Comparison of programming times across 3 different Smart IV pump platforms, Ivenix \$60,000.
- 2004 **Principal Investigator**, Continuous monitoring predictors of sepsis in critically ill patients, AACN Clinical Inquiry Grant, \$2,300.
- 1998 **Principal Investigator**, Comparison of PA, tympanic and oral temperatures in critically ill patients, Welch-Allyn, \$10,000.
- 1995-97 **Principal Investigator**, Comparison of PA, tympanic and oral temperatures in critically ill orally-intubated adults, Welch-Allyn, \$10,000.
- 1995-96 **Principal Investigator**, Comparison of CVP readings between three ports of a triple lumen catheter, Arrow Medical, \$5,000, and an AACN Clinical Inquiry Grant, \$1,000.
- 1992 **Co-investigator**, Infection related to the use of electronic thermometry, Tempadot, \$3,000.
- 1991 **Co-investigator**, Early defibrillation in the hospital by staff nurses using automated external defibrillators, Laerdal Corporation, \$26,000.

RESEARCH (Funded during industry employment)

Completed

- 2016 **Principal Investigator**, Using the HCUP database to determine the national incidence, cost, and mortality of non-ventilator hospital acquired pneumonia, Sage Medical, \$5,000.
- 2015 **Project Director**, Incidence of non-ventilator hospital acquired pneumonia in 21 U.S. hospitals, Sage Medical, \$500,000.
- 2012 **Project Director**, A controlled trial of electronic automated advisory vital signs monitoring in general hospital wards, Philips Healthcare, \$500,000.

- 2009 **Project Director**, Understanding the risk factors associated with alarm generation in critically ill children, Philips Healthcare, \$120,000.
- 2008 **Project Director**, The value of automated QT monitoring in progressive and intensive care units, Philips Healthcare, \$150,000.
- 2007 **Principal Investigator**, The impact of Protocol Watch on compliance with the Surviving Sepsis Campaign, Philips Healthcare, \$50,000.
- 2007 **Project Director**, Association of the availability of ST Map with the quality of care for cardiac patients, Philips Healthcare, \$50,000.
- 2006 **Principal Investigator**, The incidence of ST segment elevation in critically ill patients on vasoactive medications, Philips Healthcare, \$25,000.
- 2005 **Principal Investigator**, The impact of clinical advisories on compliance with ICU core measures, Philips Healthcare, \$25,000.
- 2005 **Principal Investigator**, Advanced event surveillance for critically ill patients with sepsis, Philips Healthcare, \$30,000.
- 2004 **Principal Investigator**, The use of SpO2 for rapid weaning after open-heart surgery, Philips Healthcare, \$10,000.
- 2003 **Project Director**, Outcomes related to the use of the Jupiter Clinical Information System in the MICU and the PICU, Philips Healthcare, \$100,000.
- 2003 **Principal Investigator**, A comparison of three new Generation SpO2 devices during ambulation after open-heart surgery, Philips Healthcare, \$6,000.
- 2003 **Project Director**, A comparison of the Philips FAST and Masimo SET SpO2 for clinical use in the NICU, Philips Healthcare, \$5,000.
- 2003 **Principal Investigator**, Pulse oximetry measurement in critically ill patients with low perfusion, Philips Healthcare, \$5,000.
- 2003 **Principal Investigator**, A comparison of the accuracy of the Phillips Fast and Masimo Set pulse oximeters in patients following cardiac surgery, Philips Healthcare, \$8,000.
- 2002 **Principal Investigator**, The clinical usefulness of the EASI 12 lead ECG system, Philips Healthcare, \$5,000.
- 2002 **Project Director**, How reliable are the new generation pulse oximeters in the detection of hypoxemia in the SICU, Philips Healthcare, \$25,000.
- 2002 **Co-Principal Investigator**, Patterns of mammography use related to age and functional limitations among older women, Boston College faculty research incentive grant, \$30,000.
- 1999 **Principal Investigator**, Comparison of cardiac output measurements at variations in head-of-bed heights, Baxter Healthcare, \$5,000.
- 1998 **Principal Investigator**, The use of expanded point-of-care testing in the ICU, Hewlett-Packard Medical, \$10,000.
- 1997 **Principal Investigator**, Beta testing of the Hewlett-Packard Blood Analysis Module, Hewlett-Packard Medical, \$7,000.
- 1990 **Principal Investigator**, The physiologic effects of family visitation on the heart rate, blood pressure, and cardiac rhythm of cardiac versus non-cardiac patients

TEACHING and ADVISING

University of Massachusetts Amherst Coursework

- 2021 (spring) NSG 710 (3 credits). Quantitative Methods (Doctoral, 9 students).
- 2020 (fall) NSG 420 (3 credits). Introduction to Research (UG, 70 students).
- 2020 (spring) NSG 420 (3 credits). Introduction to Research (UG, 64 students).

Northeastern University Coursework

- 2019 (spring) NRSB 7712 (3 credits). Quantitative Research Methods (PhD, 7 students)
2018 (fall) ENTR 4501 (3 credits). Technology Ventures Capstone. Mentored 3 UG students to complete a business plan for a Human Factors Usability Testing business (Jonathan Norcott: Computer Science/Business Admin; Madison Mailey: Business Admin/Entrepreneurship; Khalifa Algosabi: Business Admin/Entrepreneurship). Course instructor: Kevin Scanlon.
2018 (fall) NRSB5976 (3 credits). Business Fundamentals for Healthcare Innovation (Graduate Directed Study). Lindsay Crossley.
2018 (fall) NRSB 5120 (3 credits). Healthcare Statistics (Undergraduate, 22 students)
2018 (sum) NRSB 5976 (3 credits). Quantitative Healthcare Research (Undergraduate Directed Study). Alexandria Bosenberg
2018 (spring) NRSB 5120 (3 credits). Healthcare Statistics (Undergraduate, 23 students)
2017 (fall) NRSB 5120 (3 credits). Healthcare Statistics (Undergraduate, 26 students)

Endicott College

- 2012-2014 HST 489 Senior Thesis (Undergraduate)

Supervision/Advising of Undergraduate Students

- 2020-2022 University of Massachusetts Amherst, Primary Honors Thesis Advisor, Samvit Pisal
2020-2022 University of Massachusetts Amherst, Primary Honors Thesis Advisor, Clarissa Norton
2020-2022 University of Massachusetts Amherst, Primary Honors Thesis Advisor, Gianna Martin
2020-2022 University of Massachusetts Amherst, Secondary Honors Thesis Advisor, Gianna Martin
2019-2021 University of Massachusetts Amherst, Primary Honors Thesis Advisor, Erin Murphy
2017-2019 Northeastern University Student Nurses Association (NUSNA), Faculty Co-Advisor

Independent Study Direction

- 2021 Jeannine Blake, iCORP Program, University of Massachusetts Amherst
2020 Jeannine Blake, Human Factors, University of Massachusetts Amherst
2015 John Kenney, Business Case Development, Yale University
2015 Heather Johnson, RN, Doctoral Student, Quantitative Analysis, Endicott College
2012 Erin Langille, Master of Public Health Student, Thesis, University of New Hampshire
2010 Alexis Whittaker, Master Nurse Practitioner Student, Clinical Trials
2011-12 Zachary Orzowski, Marketing Intern, Northeastern University
2009 Caroline Constantino, Marketing Independent Study, Stonehill College
2008 Mary Jahrsdoerfer, RN, Doctoral Student, Quantitative Analysis, University of Massachusetts, Amherst
2007 Christy Harris, Finance Independent Study, Drexel University
2007 Christy Harris, Clinical Trial Intern, Drexel University

Student Supervision/Advising of Graduate Students

- 2019-present UG Research Assistant: Erin Murphy, University of Massachusetts
2019-present Graduate Research Assistant: Jeannine Condon, MS, RN, University of Massachusetts
2017-2019 Graduate Research Assistant: Rachel Pozzar, PhD, RN, Northeastern University
2017-2019 UG Research Assistant: Charina Hanley, Northeastern University

Dissertation Committees

- 2021 Jeannine Blake, RN, MS. Chair, University of Massachusetts, Amherst MA
2019 Christopher Gill, RN, MS, Committee Member, Northeastern University, Boston MA.
2015 Kristi Campoe, RN, MSN, Outside Committee Member, Nova Southeastern University, Tampa FL.

2007 Annie Lewis O'Connor, Outside Committee Member, Boston College, Boston MA.

Research Practica

- 2019 (summer) NRS 7110 (2 credits) Evidence-Based Practice Research Application, Northeastern University NP Students: Maria Albrecht, Abby Clinton, Claire Dillio, Morgan Doherty, Holly Foster, Brandon Pankiewicz.
- 2019 (spring) NRS 7110 (2 credits) Evidence-Based Practice Research Application, Northeastern University CRNA Students: Jennifer Vaughn, Laura Budemeyer, Caroline Smith, Joy Wise, Emily Kucher, Julianne McGowan.
- 2019 (spring) NRS 6520 Nursing Leadership Role Practicum, 2 credits, Northeastern University. Lindsay Crossley.
- 2018 (sum) NRS 7110 (2 credits) Evidence-Based Practice Research Application, Northeastern University NP Students: Amelia Hansen, Phillip Tyler Wallace.
- 2018 (spring) NRS 7110 (2 credits) Evidence-Based Practice Research Application, Northeastern University NP Students: Kathleen Peck, Melissa Wynne, Kate Parrot, Jeffrey Keating, Caroline Swet.
- 2017 (fall) NRS 7110 (2 credits) Evidence-Based Practice Research Application, Northeastern University NP Student: Meghan Harrington.
- 2015-16 Halley Ruppel, RN, Doctoral Student, Research Assistant, Yale University.
- 2016 Katherine McCuster, RN, Masters' Student, Research Assistant, Yale University.

SELECTED SERVICE TO UNIVERSITY OF MASSACHUSETTS AMHERST

School of Nursing

PhD Committee, 2020-present

UG Curriculum Committee, 2019-2020

University

Grant Reviewer, Research & Engagement, 2020-present

Committee on Innovation & Entrepreneurship, 2020-present

Center & Institute Review Committee, 2019-present

Chancellor

Chancellor's committee on Innovation & Entrepreneurship, 2019-2020

SELECTED SERVICE TO NORTHEASTERN UNIVERSITY

School of Nursing

PhD Comprehensive Exam Committee, Christopher Gill, 2019-2020

Elected to search committee for new SON Dean, 2018

Mass Question 1 Yes/No Panel Moderator. Panel sponsored by NUSNA, October 11, 2018

PhD Program Advisory Committee, 2018

Research and Scholarship Committee, 2017-2018

PhD Committee, 2017-present

Northeastern University Student Nurses Association (NUSNA), Co-advisor, 2017-present

Advisory Committee: Nurse Innovation and Entrepreneurship, 2017-2018

Participate in doctoral student admission interviews, 2018-present

PhD Comprehensive Exam Committee, Richard Hebert, 2018

Bouvé College of Health Sciences

Tier 1 Northeastern University Grant Proposal Reviewer, 2019

Committee member, Biostatistics Core (ad hoc), 2017-2019

University

UG Residential Life Programming: Turkey Meatballs and t-tests: What do they have in common? The benefits of engaging in clinical research at the undergraduate level, February 21 (International Village Dinner Program), 2019

President's Convocation Platform Party to welcome new students, 2018

UG Residential Life Programming: Understanding the Product Development Cycle, March 12, 2018

UG Residential Life Programming: College Diabetes Network Student Panel, March 21, 2018

University-Diversity

Office of Institutional Diversity and Inclusion, recruiting for diversity on behalf of the Northeastern University, lead recruiting booth at the ABRCMS (Annual Biomedical Research Conference for Minority Students, November 14-17, Indianapolis, IN, 2018

Office of Institutional Diversity and Inclusion Workshop: Unconscious Bias, 2018

STRIDE I Workshop: Understanding Implicit Bias in Faculty Searches, 2019

SELECTED PROFESSIONAL SERVICE IN THE UNITED STATES

Patient Centered Outcomes Research Institute (PCORI) Ambassador. Ambassadors engage healthcare stakeholders in strengthening the PCOR community while increasing the reach and influence of PCORI-funded research. 2020-present

Invited Johnson & Johnson Quickfire Innovation Challenge, Oncology: Review Panel for Finalist Selection, Spring 2020

Invited Johnson & Johnson Quickfire Innovation Challenge, Maternal-Child: Finalist Judge, February 13, 2020
Council on the Advancement of Nursing Science (CANS). Founding member of the Nurse Scientist Special Interest Group, 2018

American Nurses Credentialing Center (ANCC), Certified Nurse Planner for awarding of continuing education contact hours, 2018 – present.

Invited Expert/IV infusion: Institute for Safe Medical Practices (ISMP) Sponsored Consensus Meeting. Invited as one of 50 experts to create a set of ISMP recommendations for decreasing IV medication administration error using IV Smart Pumps. May 10-11, Philadelphia, PA. 2018

Invited Expert/IV infusion: Steering Committee, Regenstrief National Center for Medical Device Informatics (REMEDII) at the Regenstrief Center for Healthcare Engineering (RCHE), Purdue University, West Lafayette, IN. 2017-present

Research Committee: Association for the Advancement of Medical Instrumentation (AAMI), 2016-present

SELECTED INTERNATIONAL PROFESSIONAL SERVICE

Invited Expert IV infusion-Dutch Government Grant Reviewer: Netherlands Organization for Scientific Research Applied and Engineering Sciences (NWO). Product innovation grant review funded by the Dutch Government: "Inline Detection of Intravenous Medicine Compositions", 2019

Advisor on Innovation in IV Infusion. Dutch Government program "21st Century Business Growth Advisors B.V.". Perry van Rijsingen, Healthcare Shapers, 2018

SELECTED COMMUNITY SERVICE

EMK (Edward M. Kennedy) Academy for Health Careers Full-inclusion High School Science Fair Judge, Boston MA, 2018-2019.

Houston Food Bank Volunteer, Houston TX, 2017

EDITOR & PEER REVIEW ACTIVITIES (Selected since 2010)

Institute Reviewer

PCORI (Patient-Centered Outcomes Research Institute), 2019 invited as reviewer for federal grant proposals

Journal Reviewer

Intensive Care Medicine, 2020-present

American Nurse, 2020-present

Risk Analysis, 2019-present

AACN Advanced Critical Care, 2019-present

Critical Care Medicine, 2018-present

Biomedical Instrumentation & Technology (BI&T), 2016-present

American Journal of Critical Care, 1997-present

Nursing Research, 2004-2011

Journal of Nursing Scholarship, 2000-2011

Editor

Technology Today Department, AACN Advanced Critical Care, 2007-2012

Institutional Review Board Member

Hallmark Healthcare, Medford MA, 2015-2018

PROFESSIONAL MEMBERSHIPS/WORKGROUPS/COMMITTEES (Selected since 2010)

2018- Council on the Advancement of Nursing Science (CANS)
2013- Steering Committee, REMEDI Infusion Collaborative, Regenstrief Center for Healthcare Engineering (RCHE), Purdue University, West Lafayette, IN.
2012- Infusion Nurses Society
2014- American Organization of Nurse Executives
2012- Healthcare Businesswoman's Association
2012- American Marketing Association
2011- American Association of Medical Instrumentation
2011-2015 Alarms standards committee
2012-2015 Healthcare Technology Safety Initiative (HTSI)
2013-2015 HTSI Steering Committee for Alarm Fatigue
2014- IV infusion device safety coalition
2016- Research committee
1985- American Association of Critical Care Nurses
2012- Greater Boston Chapter
2014- Human Factors and Ergonomics Society
1996- Eastern Nurses Research Society
2014- Wound, Ostomy and Continence Nursing
2013- American Society of Professionals in Infection Control

NON-ACADEMIC EMPLOYMENT

2016-2017 Director of Clinical Outcomes, Stryker/Sage, Cary, IL
2013-2014 New Product Development, Stryker/Sage, Cary, IL
2013- President, PaceSetter & Associates, Medical Device Development & Strategy Consultant
2019- Frontive
2018- Medline
2018- GLG Consulting
2018- Apex Leaders

2018-	Philips Healthcare
2018-	ICU Medical
2017-	Recovery Force
2015-2017	Medtronic
2013-2018	Ivenix
2013-2014	Sage Products
2013-2014	Mindray
2013-2014	Pryor Products
2013-2014	Philips Healthcare
2012-2013	Vice President, Product Marketing/Clinical Evidence Generation, Ivenix (Formerly Fluidnet), Amesbury, MA
2010-2012	Principal Scientist/Director of Business Development, Philips Healthcare, Corporate Technologies, Eindhoven, Netherlands
2007-2012	Principal Scientist, Patient Monitoring, Global Marketing, Philips Healthcare, Andover, MA
2001-2007	Clinical Scientist, Patient Monitoring, Global Marketing, Philips Medical Systems (formerly Agilent Technologies), Andover, MA
1999-2001	Business Development, Point-of-Care Diagnostics, US Marketing, Agilent Technologies, Andover, MA