CURRICULUM VITAE
Amany Farag PhD, RN
Associate Professor
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I. EDUCATION & PROFESSIONAL HISTORY
A. EDUCATION

Date	Degree	Field of Study	Institution
2003-2008	PhD	Nursing	Case Western Reserve University, Cleveland, OH
1995-1999	MSN	Nursing Administration	University of Alexandria, Alexandria, Egypt.
1989-1993	BSN	Nursing	University of Alexandria, Alexandria, Egypt.

- Dissertation: Multigenerational nursing workforce value differences and work environment impact on RN's turnover intention. Case Western Reserve University, Cleveland, Ohio. 2008

- MSN Thesis: Quality Healthcare as Perceived by Healthcare Providers and Consumers in two Ministry of Health Hospitals in Alexandria.

B. POST GRADUATE EDUCATION

Date	Position, Institution, Location
2008-2010	Post-doctor scholar, Case Western Reserve University, Cleveland-Ohio.

C. LICENSURE/CERTIFICATION

Date	State
2012-present	RN license #132034 Multistate license, Iowa Board of Nursing
2010-2014	RN license # 771969 California Board of Nursing

D. PROFESSIONAL EXPERIENCE
Academic Appointments

Date	Position	Institution
2020-present	Associate professor	College of Nursing, University of Iowa
2020-present	Co-director	VA Quality Scholars Program-Iowa City VA
2014-2020	Assistant Professor	College of Nursing, University of Iowa, Iowa.
2012-2014	Associate Faculty	College of Nursing, University of Iowa, Iowa.
2010-2012	Assistant Professor	Faculty of Nursing, University of Alexandria, Alexandria, Egypt.
2010-2011	Assistant Professor (adjunct)	College of Nursing, Kent State University, Kent, Ohio.
2000-2002	Lecturer	Faculty of Nursing, University of Alexandria, Alexandria, Egypt
1994-1999	Clinical Instructor	Faculty of Nursing, University of Alexandria, Alexandria, Egypt

Student Appointments

Date	Position	Institution
2008-2009	Teaching Assistant	Frances Payne Bolton School of Nursing, Case Western Reserve University, Cleveland, OH.
2010	Co-teaching	Frances Payne Bolton School of Nursing, Case Western Reserve University, Cleveland, OH.

Clinical Experience

Date	Position	Institution	Area
2014-Present	Sexual Assault Nurse Examiner (SANE)	University of Iowa Hospitals and Clinics	Forensic Nursing
1995-1999	Registered Nurse (Part time)	Alexandria International Medical Center	Acute and critical care
1992-1993	Clinical Nurse Intern	University of Alexandria Main Teaching Hospitals	Critical care and emergency medicine

E. HONORS/AWARDS

Date	Honor, including organization
2024	The Distinguished Scholar in Nursing- University of Iowa, College of Nursing
2024	Mid-career investigator award- HSPI-RIG, MNRS
2022	Distinguished paper abstract. MNRS
2020	Invited Visiting Scholar- School of Nursing-University of Michigan.
2019	Author of the year, Journal of Emergency Nursing, Emergency Nurse Association
2018	Roger's Endowed Lectureship Award- Mississippi Medical Center
2018	Junior Scholar Award- HSPI-RIG, MNRS
2017	Visiting Professor- Faculty of Nursing-University of Alexandria- Egypt
2016	Mary Hana Memorial Journalism Award Journalism award- American Society of Peri-anathesisa Nursing.
2009	American Nurse Foundation (ANF)- Margretta Madden Styles Scholar
2009	Dissertation Award, Health Systems, Policy, and Informatics (HSPI) research interest group (RIG), Mid-West Nursing Research Society (MNRS)
2008	Best Post-Doctoral Poster Award, Research Show Case- Case Western Reserve University
2007	Graduate Student Poster Award, International Nursing Administration Research (INARC)

II. SCHOLARSHIP

A. AREAS OF RESEARCH INTEREST

Nursing workforce and teamwork, work environment (culture and climate), leadership, occupational safety, safety and quality, organizational behavior, quantitative research.

B. PUBLICATIONS

Peer Reviewed Data-based Papers. Students' names are underlined.

1. ***Farag A,** Scott, L, Perkhounkova Y. Abd P, Hien M (2024). Exploring factors influencing intershift recovery (IR) and its medicating role in chronic fatigue among nurses. *Journal of Nursing Regulation. In Print*
2. ***Farag A,** Wakefield B, Jaske E, Paez M, Stewart G. (2024). Determinants of Patient Aligned Care Team (PACT) Members' Burnout and its relationship with patient-centered care. *Journal of Applied Ergonomics*. Jul,118: 104272
3. ***Farag A,** Gallager J, Carr L. (2024). Examining the relationship between nurse fatigue, alertness, and medication errors**.** *Western Journal of Nursing Research. 46(4):288-295*

4. *Galora S, **Farag A,** Grant C, Culpepper R. (2024) Leading through chaos: Understanding the impact of high staff turnover on the role of nurse manager. Nurse leader, *in print*

5. *Groves P, **Farag A,** Perkhounkova Y, Sabin JA, Witry MJ, Wright B (2024). Nurse judgments of hospitalized patients' safety concerns are affected by patient, nurse, and event characteristics: A factorial survey experiment. *Journal of Clinical Nursing ,* Jul 15 on line ahead of print.

6. *Sherman R; Culpepper R, **Farag A**; Galura S, Gilland D, Grant C, Huges R, Steiner K. (2024). The role of the nurse manager: Evolution of the role in high-turnover environment- White paper. American Organization for Nursing Leadership (AONL). Workforce Committee 2023/2024

7. *Sherman R; Culpepper R, **Farag A**; Galura S, Gilland D, Grant C, Huges R, Steiner K. (2024). The role of the nurse manager: Implementing team-based model of care- White paper. American Organization for Nursing Leadership (AONL). Workforce Committee 2023/2024

8. Devine J, Choynowski J, Hursh S, **Farag A**. (2023). Sleep hygiene in nurses using data collected from consumer sleep technology (CST) with the SleepTankTM [Abstract]. Sleep Volume 46, Issue Supplement_1, Pages A132–A133, https://doi.org/10.1093/sleep/zsad077.0299

9. Schwartz C, **Farag A,** Dunn Lopez K, Moorhead S, Monsen K. (2023). Using Omaha System data to explore relationships between client outcomes, phenotypes, and targeted home intervention approaches: an exemplar examining practice effectiveness for older women with circulation problems. *Journal of the American Medical Informatics Association*, 30 (11):1773–1783. doi.org/10.1093/jamia/ocad106

10. Wakefield B, **Farag A,** Paez, M, Stewart G. (2023). Perceptions of responsibilities by primary care staff in a patient-centered medical home. *Journal of Nursing Administration.* 1:54(6)333-340

11. Penzo R, **Farag A,** Whitaker K, Qian X, Curr L. (2022). Examining the impact of 12-hour day and night shifts on nurses' fatigue. *International Journal of Nursing Studies Advances*. *4*(2022), 100076. doi.org/10.1016/j.ijnsa.2022.100076

12. **Farag, A**., Scott, L**,** Perkhounkova, Y, Saidzhada T., Hein, M. (2022). Human factors approach to evaluate predictors of acute care nurse fatigue. *Journal of Applied Ergonomics,100(3):103647.*

13. Wakefield, B, Lampman M, Paez M, **Farag A,** Ferguson H, Stewart G. (2022). Delegation of work within a patient-centered medical home. *Journal of Nursing Administration, 52(12):679-684.*

14. **Farag A.**, Moon, C., & Qian, O. (2021). Work and personal characteristics associated with sleep behavior among acute care nurses. *Journal of Nursing Regulation*,*12* (1), 40-51

15. *Penzo R, **Farag A,** Whitaker K, Qian X, Curr L. (2021). A Comparison of Occupational Physical Activity and Sedentary Behavior Patterns of Nurses Working 12-Hour Day and Night Shifts. International journal of Nursing Studies Advances.3 (2021),100028. https://doi.org/10.1016/j.ijnsa.2021.100028*

16. Hu R., **Farag A**., Björk KM., Lendasse A. (2021) ELM Feature Selection and SOM Data Visualization for Nursing Survey Datasets. In: Cao J., Vong C.M., Miche Y., Lendasse A. (eds) Proceedings of ELM2019. ELM 2019. Proceedings in Adaptation, Learning and Optimization, vol 14. Springer, Cham. https://doi.org/10.1007/978-3-030-58989-9_11

17. Melnyk BM, Hsieh AP, Tan A, Gawlik KS, Hacker ED, Ferrell D, Simpson V, Burda C, Hagerty B, Scott LD, Holt JM, Gampetro P, **Farag A,** Glogocheski S, Badzek L. (2021) The State of Mental Health and Healthy Lifestyle Behaviors in Health Sciences Faculty and Students at Big 10 Universities with Implications for Action. *Journal of Professional Nursing.* 37 (6); 1167-1174. doi: 10.1016/j.profnurs.2021.10.007

18. Hu R, **Farag A**, & Lendasse A. (2020). Using machine learning to identify variables influencing nurses' willingness to report medication errors. *Array 8,10049.*

19. Groves, P**, Farag, A,** Bunch J. (2020). Strategies for and barriers of fatigue management among acute care nurses. *Journal of Nursing Regulation*. 11 (2), 1-8.

20. **Farag A,** Vogelsmeier, A; Knox, K.**,** Perkhounkova, Y, Burant, C, Hien, M. (2020). Predictors of Nursing Home Nurses' willingness to report medication near-miss. *Journal of Gerentological Nursing.* 46(4), 21-30. doi: 10.3928/00989134-20200303-03

21. Manges, K; Groves, P. **Farag A;** Peterson R; Harton, J; Greysen, R. (2019). A mixed methods study examining teamwork shared mental models of the interprofessional team during hospital discharge. *BMJ Quality and Safety*. Epub ahead of print doi: 10.1136/ bmjqs-2019-009716

22. **Farag, A,** Lose, D & Gedny-Lose, A. (2019) Nurses' safety motivation: examining predictors of nurses' willingness to report medication errors. *Western Journal of Nursing Research, 41(4),* 954-972. *doi:* 10.117/0193945918815426.

23. Huber, D., Joseph, ML.,**Farag, A.** & Watson C. (2018). Nurse leader DNP capstone projects: An action framework. *Journal of Doctoral Nursing Practice,11, (*2) 100-106.

24. Vogelsmeier, A., Anderson, RA., Anbari, A., Ganong, L., **Farag, A.,** & Niemeyer, M. (2017). A Qualitative Study Exploring Nursing Home Nurses Sensemaking to Detect Medication Order Discrepancies. *BMC Health Services Research*.17:531. doi: 10.1186/s12913-017-2495-6

25. **Farag, A.,** Blegen, M., Gedny-Lose, A., Lose, D. & Perkhounkova, Y. (2017). Nurses voluntary medication errors reporting: Examining the association with work environment and social capital. *Journal of Emergency Nursing, 43(3),* 246-54. doi: 10.1016/j.jen.2016.10.015. (*2018 author of the year award*)

26. **Farag, A.,** Tullai-McGuinness, S., Anthony, M.& Burant, C (2017). Do Leadership style, unit climate, and safety climate contribute to safe medication practices? *Journal of Nursing Administration. 47*(1),8-15. doi: 10.1097/NNA.0000000000000430.

27. Groves, P.S., Bunch, J.L., **Farag, A.,** Manges, K., Perkhounkova, Y., & Scott-Cawiezell, J. (2016). Priming patient safety through nursing handoff communication: A simulation pilot study. *Western Journal of Nursing Research, 39 (11):* 1394-1411 10.1177/0193945916673358.

28. **Farag, A.** & Anthony, M (2015). Examining the relationship among ambulatory surgical settings work environment, nurses' characteristics and medication errors reporting. *Journal of Per-anesthesia Nursing.* doi:10.1016/j.jopan.2014.11.014 (***Mary Hana Memorial Journalism award Journalism award***)

29. Vogelsmeier, A**.,** Anbari, A., Ganong, L., Anderson, R., Oderda, L., **Farag, A.,** & Madsen, R (2015). Detecting Medication Order Discrepancies in Nursing Homes: How RNs and LPNs Differ. *Journal of Nursing Regulation 6*(3), 48-56

30. *Tullai-McGuiness, S., Riggers, J., &* **Farag, A. A.** *(2011).* Work environment characteristics of high-quality home healthcare agencies. *Western Journal of Nursing Research, 33*(6), 745-766.
31. Jones, K., Tullai-McGuiness, S., Dolansky, M., **Farag, A. A.**, Krivanek, M. J., & Mattews, L. (2011). Expanded adult day program as an option for post-acute care. *Policy, Politics and Nursing Practice,* 12(1), 18-26.
32. **Farag, A. A.***,* Tullai-McGuiness, S., & Anthony, M. (2009). Nurses' perceptions of their nurse manager's leadership style and unit climate: are there generational differences? *Journal of Nursing Management, 17*, 26-34.
33. Anthony, M., Tullai-McGuiness, S., Capone, L*.* & **Farag, A.** *(2008).* Decision-making autonomy and control over practice: are there variations across generational cohorts? [abstract] *Journal of Nursing Administration, 35* (5), 211.

Non-Data based papers
1. Kumar B, Mosher H, **Farag A.,** Swee M (2022). How can we champion diversity, equity, and inclusion in Lean Six Sigma? Suggestions for quality improvement. *BMJ Quality & Safety.* EUP 2022;0:1–5. doi:10.1136/bmjqs-2022-014892.
2. Pruinelli L; **Farag A**; Looman W; McKechnie C; Monsen K; Van Gelderen S, Dunn-Lopez K. (2020). The symbiotic relationship between family nursing and data science. *CIN plus*, 38 (8), 375-380.
3. Dunn-Lopez, K., Castner, J., Pruineli, L., Schoville, R., Pischotty, R., **Farag, A.,** Abusalem, A., Monsen, K. (2018). Shared Passion at the Nexus of Nursing Informatics, Systems, Policy, and Research: Midwest Nursing Research society Advances the State of the Science. *CIN: Computers, Informatics, Nursing 36*(1):5-7.

C. GRANT FUNDING
Funded Extramural Research

Title:	Assuring medication safety in K-12 Schools: Implementing and evaluating school medication administration record (eSMAR) system.
Role:	**PI 20-25%**
Funding Source:	Agency for Health Care Research and Quality (AHRQ) R18- 1R18HS029292-01 Administrative supplement
Date:	2024-2025
Amount:	**$95,000**

Title:	Assuring medication safety in K-12 Schools: Implementing and evaluating school medication administration record (eSMAR) system.
Role:	**PI 20-25%**
Funding Source:	Agency for Health Care Research and Quality (AHRQ) R18- 1R18HS029292-01
Date:	2023-2026
Amount:	**$1,018,972**

Title:	Hearing patient voices: patient, nurse, and event characteristics associated with nurse judgment about safety concerns conveyed by inpatients in minority and other health disparity population.
Role:	**Co-I** (Groves PI) 10% effort support
Funding Source:	National Institute of Health (NIH)-R21/Health Disparities and Equalities Promotion (HDEP)

Date: 2022-2024
Amount: **$451,640**

Title: Development and testing of an Electronic School Medication Administration
                   record (eSMAR)
Role: PI
Funding Source: NIH/ICTS UL1 TR002537
Date: 2019-2021
Amount: **$47,850**

Title: Objective measure of nurse fatigue using artificial intelligence (AI)- powered
                   computer vision
Role: **PI**
Funding Source: Injury Prevention Research Center- College of Public Health, a CDC Funded
                   Center
Date: 2019-2021
Amount: **$20,000**

Title: Feasibility study for assessing nurses' occupational fatigue using the Sleep,
                   Activity, Fatigue, and Task Effectiveness (SAFTE) biomathematical model"
Role: **PI**
Funding Source: Healthier Workforce Center of the Midwest (HWCM). The HWCM is supported by
                   Cooperative Agreement No. U19OH008868 from the Centers for Disease Control
                   and Prevention (CDC) / National Institute for Occupational Safety and Health.
Date: 2017-2019
Amount: **$13,079**

Title: Keeping patients safe: Examining predictors of nurses' fatigue and the
                   moderating effect of inter-shift recovery on patients' safety outcome
Role: **PI,** 20% effort support, # R91013
Funding Source: National Council State Board of Nursing (NCSBN)
Date: 2016-2019
Amount: **$220, 177**

Title: Organizational trust and nurse report of medication errors.
Role: **PI**
Funding Source: Midwest Nursing Research Society (MNRS)- New Investigator Seed Grants
Date: 2013-2015
Amount: **10,000**

Title: ER medication errors reporting: examining the role of work environment and
                   organizational trust
Role: **PI**
Funding Source: Council for Graduate Education in Administration in Nursing (CGEAN)
Date: 2013-2015
Amount: **2,500**

Title: Keeping patient safe: impact of leadership, unit climate and safety climate on safe
                   medication administration practices and medication errors reporting
Role: **PI**
Funding Source: American Nurse Foundation (ANF)
Date: 2009-2010
Amount: **$7,500**

Title: Impact of work environment on safe medication administration practice
Role: **PI**
Funding Source: American Society of Peri-Anesthesia Nursing
Dates   2009-2010
Amount: **$2,000**

Title: Designed around you (DAY): evaluating Parma healthcare system DAY program
Role: **Co-I**, Jones (PI)
Funding Source: Parma Community Hospital Foundation
Date: 2008-2009
Amount: **$5,000**

Title: Multigenerational nursing workforce value differences and work environment impact on RN's turnover intention
Role: **PI**
Funding Source: Sigma Theta Tau International- Alpha Mu Chapter
Date: 2007-2008
Amount: **$500**

Funded Intramural Research

Title: Integrating an Electronic School Medication Administration Record (eSMAR) into Iowa City Community School District's (ICCSD) electronic platform
Role: **PI**
Funding Source: Tripp Rimmer award
Date: 2024-2025
Amount: **5,000**

Title: Keeping patients safe: examining predictors of nurse fatigue and the moderating effect of inter-shift recovery on patients' safety outcome- Supplemental Grant
Role: **PI**
Funding Source: Kelting Dean Award
Date: 2017-2019
Amount: **20,000**

Title: Medication error reporting in Long Term Care Facilities (LTC)
Role: **PI**
Funding Source: Hartford Center for Geriatric Excellence in Nursing (HCGEN)
Date: 2013-2015
Amount: **$15,000**

Title: Evaluating the effectiveness of the relationship-based nursing (RBN) model on nurses' and patients' outcomes
Role: **Co-I** (Anthony, PI)
Funding Source: Kent State University Internal fund & University Hospitals of Cleveland, Case Medical Center
Date: 2010-2011
Amount: **$5,000**

Title: Multigenerational nursing workforce value differences and work environment impact on RN's turnover intention
Role: **PI**
Funding Source: Frances Payne Bolton School of Nursing Alumni Grant

Date: 2007-2008
Amount: **$500**

Pending (Under review) Grants:
Title: Collaborative research: Fatigue modeling and management in nursing: An
                  individualized and dynamic approach enabled by wearable devices
Role   **MPI (**Farag/Chen/ Zhou**)**
Funding Source   National Science Foundation (NSF)
Date   2023 resubmitted 2024
Amount $765,101

Industry-Sponsored Grants:
Title: Evaluating the usability and feasibility of using Sleep Tank to improve nurse's
                  sleep quality
Role: **PI**
Funding Source: Institute of Behavioral Research (IBR)
Date: 2020-2023
Amount: **$8,100**

Governmental contracts and agreements
Title   Patient Care Aligned Team (PACTA) Analytic
Funding Source   Veterans Health Administration (VHA), VA Office of Primary Care, Primary Care
                  Analytics Team Iowa City (PCAT-IC).
Role   Investigator (**20% salary support**)
Date   2020-present

Title   Virtual Care Integration: Nurse-Led, Team Based, Chronic Disease Management
                  Patient Outreach, Utilizing Video & Innovative Technologies
Funding Source   Veterans Health Administration (VHA), Office of Rural Health (ORH). Workforce
                  training and development
Role   lead of the program quantitative evaluation (**20% salary support**)
Date   2023-present

Non-Research Grants (e.g. clinical projects, conference grants)
Title: Hawkeyes in Haiti
Role: **Co-lead** (Achenbach, project lead) 10% effort support
Funding Source: Code Foundation
Date: 2018-2023
Amount: **Up to $85,300**

Consultant on Grants
Title: From emergency to community: Implementing social needs screening and referral
                  infrastructure using health information technology
Role: **Consultant** (Wallace, PI)
Funding Source: Agency for Healthcare Research and Quality (AHRQ)-R21
Date: 2018-2020
Amount: **$196,000**

Title: Nursing home nurses' sensmaking to detect medication order discrepancies
Role: **Consultant** (Vogelsmeier, PI)
Funding Source: National Council State Board of Nursing (NCSBN)
Date: 2013-2015
Amount: **$216,521**

Organizations sponsored projects-No salary support

Title	Impact of COVID, change in models of care, and nursing turnover on nurse managers' role
Role	Investigator
Organization	AONL
Dates	2024-2025

Title	Factors impacting organizations selection of models of care
Role	Investigator
Organization	AONL/ALSN
Dates	2024-2025

Title	Nurse leaders' retention (AONL compendium Chapter 2)
Role	Investigator
Organization	AONL
Dates	2024-2025

Unfunded Extramural Grants and Letters of Intent:

Title:	Harnessing heterogeneous healthcare data: An attention neural network approach
Role:	**MPI** (Farag/Hu)
Funding Source:	Patient-Centered Outcome Research Institute (PCORI)
Date:	2023
Amount:	**$500,000**

Title:	Wearable Device Enabled Fatigue Modeling and Mitigation in Nursing
Role:	**MPI** (Farag/Chen/Zhou) **Discussed not funded-will resubmit 2023**
Funding Source:	National Science Foundation
Date:	2022
Amount:	**$500,000**

Title:	Developing and Evaluating the Impact of a Tailored Fatigue Management Decision Support System on Nurses' Outcomes
Role:	**PI** 25%-50% effort support
Funding Source:	Healthier Workforce Center of the Midwest (HWCM). The HWCM is supported by Cooperative Agreement No. U19OH008868 from the Centers for Disease Control and Prevention (CDC) / National Institute for Occupational Safety and Health (NIOSH).
Date:	2020
Amount:	$1,500,000

Title:	Using Medication Barcode and Facial Recognition (MedBarFace) to Improve Medication Administration Safety at Schools
Role:	**PI** 25%-50% effort support
Funding Source:	Agency for Healthcare Research and Quality (AHRQ)-R-18
Date:	**2019**
Amount:	$1,116,764

Title:	Culture of Health Through AI route
Role:	**PI** 20% effort support
Funding Source:	Robert Wood Johnson Foundation- Pioneering ideas
Date:	2018
Amount:	$335,000

Title: Evaluating predictors of nurse managers' fatigue and its impact on their cognitive function
Role: **PI**
Funding Source: American Organization of Nurse Executives (AONE)
Date: 2018
Amount: $50,000

Title: Arthur Street Healthy Life Center: Nurse-led community-placed clinic for patients with serious mental illness and their families
Role: **Co-I** (Daack-Hirsch & Judge-Ellis MPIs) 10% effort support
Funding Source: Rita & Alex Hillman Foundation
Date: 2018
Amount: $600,000

Title: An Examination of the CNL Interdependency Role with Nurse Managers and its Effect on Unit Outcomes
Role: **Co-I** (Joseph-PI)
Funding Source: American Organization of Nurse Executives (AONE)
Date: 2018
Amount: $50,000

Title: A feasibility study for assessing nurse fatigue using a multi-method approach
Role: **PI**
Funding Source: University of Iowa Institute of Clinical and Translational Science
Date: 2016
Amount: $75,000

Title: Assessing predictors of fatigue among hospital nurses and examining the effectiveness of tailored fatigue countermeasure intervention
Role: **PI** 20% effort support
Funding Source: Healthier Workforce Center of the Midwest (HWCM). The HWCM is supported by Cooperative Agreement No. U19OH008868 from the Centers for Disease Control and Prevention (CDC) / National Institute for Occupational Safety and Health.
Date: 2015
Amount: $609,849

Title: The relationship between nurses' fatigue and driving performance
Role: **PI**
Funding Source: Safety Research using Simulation (SAFERSIM) University Transportation Center
Date: 2014
Amount: $65,862

Title: Effect of work environment and organizational trust on medication error reporting in Emergency Rooms
Role: **PI**
Funding Source: Sigma Theta Tau International (STTI)
Date: 2012
Amount: $5,000

D. RESEARCH PRESENTATIONS

<u>**International** Keynote/invited (* research presentations)</u>

<u>Date</u>	<u>authors, title, meeting, location</u>
2024	The intersection of technology and nurse well-being: using text messaging and wearables to assess nurse fatigue and its impact on medication errors. The British University in Cairo (BUA).
2023	**Farag, A.** Use of Technology in Nursing Research, Faculty of Nursing, University of Alexandria. Alexandria-Egypt.
2023	***Farag, A:** Artificial Intelligence: adjusting healthcare delivery for the changing times. The IV International Seminar on Adult Health (IV SISA): Health entrepreneurship: solution to old issues
2017	***Farag, A.** Building research trajectory: An actual example. Faculty of Nursing. University of Alexandria, Alexandria- Egypt.
2017	**Farag, A**. High-reliability organization: new concept in health systems. Faculty of Nursing, University of Alexandria. Alexandria-Egypt.
2017	**Farag, A.** Studying and working abroad: opportunities, obstacles, and Challenges. Faculty of Nursing, University of Alexandria. Alexandria-Egypt.
2017	**Farag, A.** International publications: A reviewer's perspective. Faculty of Nursing, University of Alexandria. Alexandria-Egypt.
2016	***Farag, A.** ER medication error reporting: examining the role of the work environment and organizational trust. INARC, Orlando, FL

<u>**International** Podium Presentations (* research presentations, students' names are underlined)</u>

<u>Date</u>	<u>Authors, title, meeting, location</u>
2023	Devine J, Choynowski J, Hursh S, **Farag A**. Sleep hygiene in nurses using data collected from consumer sleep technology (CST) with the SleepTank^{TM} mobile app. Sleep Conference, Minneapolis
2022	**Farag, A;** Watson, C. Front-line leaders fatigue and cognitive performance: what do we know so far. Association for Leadership Science in Nursing (ALSN). Cleveland, OH
2020	***Farag, A,** Chen, Y. Nurse fatigue patterns: A machine learning approach based on Hidden Markove Model. Association for Leadership Science in Nursing (ALSN). Virtual
2019	***Farag, A.** <u>Hu, R.,</u> Lendasse, A. Using Extreme Learning Machine (ELM) and Self Organizing Map (SOM) Data Visualization to Understand Complexity of Nurses' Decision to Report Medication Errors. Association for Leadership Science in Nursing (ALSN) (Formerly named INARC), Los Angeles, CA.
2018	*<u>Hu R,</u> **Farag A,** & Lendasse A. ELM feature selection and SOM data visualization for nursing survey dataset. The International Conference on Extreme Learning Machines (ELM2018). Marina Bay Sands, Singapore.
2018	***Farag, A.,** Hand, L., <u>White, T</u>., Perknkova, E., Hein, M., <u>Tannaz,</u> S. Prez, J. Feasibility of using ecological momentary assessment to evaluate nurse fatigue. INARC, Atlanta, GA
2013	***Farag, A.** Medication error reporting: do work environment and medication practices matter? Sigma Theta Tau International, Indianapolis, IN
2011	Anthony, M., **Farag, A. A.**, Vidal, K., Lukosavich, B., Reeber, C. Determinants of relational capital on outcomes: building care relationships. INARC, Denver, CO.
2011	***Farag, A. A.**, Anthony, M. Impact of nurse manager's leadership style and unit climate

on nurses' willingness to report medication errors. INARC, Denver, CO.

2009   ***Farag, A. A.**, Anthony, M., Burant, C. Nurse turnover intention: A multigenerational perspective. International Nursing Research Administration Conference (INARC). Maryland. WA

International Poster Presentations (* research presentations)
Date   Authors, title, meeting, location

2013   ***Farag, A.,** Anthony, M. Medication error reporting: Does organizational trust provides an answer? INARC, Baltimore, WA.

2007   ***Farag, A. A.**, Anthony, M., Tullai-McGinness, S., Jones, K., Zausniewski, J., Burant, C. Multigenerational nursing workforce value differences and work environment: Impact on RNs turnover intentions. International Nursing Research Administration Conference (INARC). Indianapolis, IN. (Best graduate student poster award)

National/Regional Keynote/invited Presentations (*research presentations)
Date   Authors, title, meeting, location

2023   ***Farag A.** Designing and implementing an implementation science study: the good, the bad, and the so bad. The Institute for Clinical and Translational Science (ICTS), University of Iowa.

2021   ***Farag A.** Use of technology in nursing research. Invited guest lecturer-T32 Interdisciplinary Training Seminar in Cancer, Caregiving, and End-of-Life Care (T32 NR013456; m-PIs: L Ellington & K Mooney) College of Nursing University of Utah, Salt Lake City, Utah

2018   ***Farag, A.** Nurse and Patient safety outcomes: A human factor engineering approach. Invited presenter- recipient of Barbra Roger's Endowed Lectureship Award, Mississippi Medical Center, Jackson, MI.

2018   **Farag, A.** Shift workers' fatigue what we know and where we need to be. Invited presenter at Nebraska Safety Council Annual Meeting. Nebraska, WI.

National/ Regional Podium Presentations (* research presentations)

2023   ***Farag A.** Primary Care Patient Aligned Care Team Members Burnout (PACT) and its Relationship with Patients Outcome. The National EBP conference, Coralville Iowa.

2021   Etker, T, Singh, M, **Farag, A**., Vinyard, A. Inter professionalism in Healthcare Improvement. National VA Summer Institute. August 2021.

2021   ***Farag A.** Invited presenter. Keeping patients safe: Examining predictors of nurses' fatigue and the moderating effect of inter-shift recovery on patients' safety outcome. National Quality Symposium, National Council State Board of Nursing (virtual-March 2021).

2021   **Farag, A.** New approaches for evaluating nurse fatigue and sleep: opportunities and challenges. Invited guest lecture T32 Interdisciplinary Training in Cancer, Caregiving, & End-of-Life Care. University of Utah, College of Nursing (March 23rd 2021)

2020   **Farag A.** Nurse and Patient safety outcomes: Opportunities, challenges, and future directions. Invited visiting scholar University of Michigan-School of Nursing (December 2020)

2016   ***Farag, A.** Examining predictors of nurses' willingness to report medication

errors. MNRS, Minneapolis.

2013   **Farag, A.,** Anthony, M. Predictors of medication error reporting in ambulatory surgical centers. MNRS, Chicago, IL.

2011   ***Vidal, K., Anthony, M., Farag, A. A.,** Lukosavich, B., Reeber, C. Defining nursing practices supportive of quality outcomes and patient safety. ANCC National Magnet Conference, Baltimore, MD.

2010   *Jones, K., Tullai-McGuinness, S., Dolansky, M., **Farag, A. A.** D.A.Y. Program: innovative transitional care. Council for the Advancement of Nursing Science (CANS) State of the Science Congress, Washington DC.

2010   *Jones, K., Tullai-McGuinness, S., Dolansky, M., **Farag, A. A.**, Krivanek, M. D.A.Y. (Designed Around You): Evaluation of an innovative transitional care program. MNRS, Kansas City, MO.

2006   ***Farag, A. A.**, Nassar, M., Naguib, M., El-Bialey, G. Helathcare quality as perceived by healthcare providers and consumers in two ministry of health hospitals in Alexandria, Egypt. CANS State of the Science Congress, Washington DC.

2006   ***Farag, A. A.**, Nassar, M., Naguib, M., El-Bialey, G. (2006). Healthcare quality as perceived by healthcare providers and consumers in two ministry of health hospitals in Alexandria, Egypt. MNRS, Milwaukee, WI.

National/ Regional Poster Presentations (* research presentations, student names are underlined)

Date   Authors, title, meeting, location

2019   <u>Walden, J.</u>, **Farag, A.,** Butcher, H. Nurse Fatigue: A concept analysis. MNRS, Kansas City, MO.

2019   *Manges, K., Groves, P., **Farag, A,** Peterson, R., Greysen, R. Measuring shared mental models of interprofessional discharge teams: A pilot study. The 25th Annual NRSA Trainees Research Conference. Washington DC.

2019   *Manges, K., Groves, PG., **Farag, A.,** Peterson, R., Greysen, R. Measuring shared mental models of interprofessional discharge teams: Implications for research and quality improvement. Academy Health Conference. Washington, DC.

2018   *<u>Manges, K</u>., Groves, P., Peterson, R., & **Farag, A**. Ready, Set, Discharge: Piloting a measurement approach for assessing Discharge Teams' Shared Mental Models. MNRS, Cleveland, OH

2014   ***Farag, A.,** <u>Lose, D.</u> Predictors of nurse willingness to report medication errors. Academy Health Annual Research Meeting. San Diego, CA.

2012   *Anthony M. Vidal, K & **Farag, A.** A relationship-focused model of care: Structural and process predictors of discharge readiness. MNRS, Dearborn, MI.

2011   ***Farag, A. A.**, Anthony, M., McGuinness, S., Burant, C. Keeping patient safe: work environment predictors' safety climate and safe medication practices. MNRS, Columbus, OH.

2011   *Anthony, M., Vidal, K., **Farag, A. A.**, Lukosavich, B., Reeber, C. Relationship-focused model of care: Structure and discharge predictors of discharge readiness. MNRS, Columbus, OH.

2010   *Jones, K., Tulla-McGuinness, S., Dolansky, M., **Farag, A. A.** Adult Day Care: A viable transitional care option. Boston, MA.

2009   *Tullai-McGuinness, S., Rigges, J., **Farag, A. A.** Work environment characteristics of high-quality home health care agencies. MNRS, Minneapolis, MN.

Local Keynote/invited (* research presentations, student names are underlined)

Date   Authors, title, meeting, location.

2024   Farag A. Addressing burnout to enhance patient safety. Iowa Healthcare Collaborative.

2024   ***Farag A.** Designing and implementing electronic medication administration system in K-12 schools. University of Iowa Scanlan Center Research Lunch and learn

2023   ***Farag, A.** Front line managers fatigue and cognitive performance. UIHC grand rounds

2023   ***Farag, A.** Burnout Among Primary Care Patient Aligned Care Team Members (PACT): What Do We Know and Implications for Practice. Invited presentation, Nurses Week Iowa City VA.

2023   ***Farag, A.** Nurses' perceptions of their nurse managers' leadership style and unit climate: are there generational value difference? Invited presenter to Genesis Healthcare System Nurse Leaders monthly journal club.

2020   **Farag, A.** Patient safety and nurses' wellness. University of Iowa diversity seminar. Iowa City, IA. April 2020.

2019   ***Farag, A.** Nurse fatigue: what do we know and what are the next steps. UIHC grand round, Iowa City, IA.

2017   *Lose, D, Lose-Gedney, A , **Farag A.** Understanding nurses' willingness to report medication errors in the Emergency Department. Invited Speaker, UIHC, Surgical Conference, Iowa City, IA.

2015   ***Farag, A.** Nurses' voluntary medication error reporting: A decision-making challenge. Invited speaker, UIHC grand round, Iowa City, IA

2015   ***Farag, A**. Nurses' willingness to report medication errors: issues and challenges. Invited speaker, the University of Iowa Hospitals and Clinics (UIHC) Evidence-Based Practice Conference. Iowa City, IA

2014   **Farag, A**. From bedside to press Issues and Challenges. Invited Keynote Speaker. Genesis Research Summit. Davenport, IA

Local Podium Presentations (* research presentations, student names are underlined)

Date

2011   *Anthony, M., Vidal, K., **Farag, A.**, Lukosavich, B., Reeber, C. Results from relationship-based nursing study: Do caring relationships improve outcome. Case Medical Center Nurses Week event. Cleveland, OH.

2009   *Jones, K., Tullai-McGinness, S., Dolanesky, M., **Farag, A. A.** Hospital to home transition: Designed around you (DAY) program. Case Western Reserve University, Research Showcase. Cleveland, OH.

Local Poster Presentations (* research presentations, student names are underlined)

Date

2016   *Gedney-lose, A, Lose D, **Farag, A.** Understanding nurses' willingness to report medication errors in the emergency department. UIHC Quality and Safety annual conference. Iowa City, IA.

2008   ***Farag, A.**, Anthony, M., Tullai-McGinness, S., Jones, K., Zausniewski, J., Burant, C. Nurses' turnover intention: A new perspective. Case Western Reserve University,

Research Showcase. Cleveland, OH. (Best post-doctor poster award)

2007   ***Farag, A.**, Anthony, M., Tullai-McGinness, S. Multigenerational value difference fact or artifact. The Cleveland Clinic Foundation Nursing Day. Cleveland, OH.

III. SERVICE

A. PROFESSIONAL SERVICE

<u>Professional Organizations</u>

2024	Invited External Promotion and tenure reviewer, Arizona State University
2023	Invited External promotion and tenure reviewer, Kansas City University
2021-Present	AONL Foundation/ASLN Research Advisory Group
2020-present	National VA Quality Scholars Program (VAQS)
	Co-Director Iowa City Site
	2023 National VA Quality Scholars Summer Institute planning committee
	2021 National VA Quality Scholars Summer Institute abstract reviewer
	2021 John Batilden Award selection committee
	2021 Raising Star Award Committee
	2020 National VA Quality Scholars Summer Institute,
	Abstract reviewer
2018-present	American Organization of Nurse Leaders (AONL)
	Member
2022-present	AONL/ALSN research advisory group
2014-Present	Academy Health
	Member
	2014 Abstract reviewer
2009-2014	American Society of Peri-anesthesia Nurses
	Member
2012	Institute of Healthcare Improvement (IHI)
	Abstract reviewer
2005-present	Sigma Theta Tau International
	Member
2005-present	Midwest Nursing Research Society (MNRS)
	2021-Nomination committee
	2019- Grant reviewer
	2019- Health systems research, informatics, and policy research interest group past co-chair
	2018- Health systems research, informatics, and policy research interest group co-chair
	2017- Health systems research, informatics, and policy research interest group co-chair elect
	2013- present abstract reviewer
2005-2006	Council of Advanced Nursing Science
	Member
2005-present	Association of Leadership Science in Nursing (ALSN)
	Member
	2015-present Abstract reviewer

2003-2009   Egyptian Student Association of North America
                 Member
                 2005-2009 vice presentient
2015-present   Iowa Nurse Leaders (IONL)
                 Member

Journal Reviewer
2020-Present   Journal of Applied Ergonomics
2019- present   British Medical Journal-Open (BMJ-Open)
2016-present   Journal of Nursing Gerontology
2015- present   Journal of Nursing Management
2015-present   Journal of Global Health
2013-present   Nursing Outlook
2008-present   Research in Nursing and Health
2006-present   Journal of Nursing Education and Practice

B. COLLEGIATE
University of Iowa College of Nursing

Date	Position (Chair, member), Committee
2023	Working in Iowa survey review task force Member
2023	Civility reporting task force Member
2021	PhD Admission and Progression 2021-present Chair 2019-2020 Member
April 2019	CON strategic planning committee Member
2019-present	Association of Graduate Nursing Students (AGNS) Faculty Co-Advisor
2019-2021	The big10- wellness initiative College representative
2018-present	Nomination sub-committee 2013-2017 member 2018-present chair
2017	CON Dean Search Committee Member
2016-present	Health Systems DNP admission and progression committee 2016-2019 Member 2023-2026 Member
2016- 2017	CON residency program evaluation Member
2015-2018	CON undergraduate student's grievance committee Member
2015- 2019	CON Philanthropy committee Member
2015-2019	MSN/CNL admission and progression committee Member
2015-2019	Class of 2018 early admission students mentoring team Member
2015	PhD three-paper option task force Member

2014-2017	Undergraduate Public Health Posters Showcase
	Evaluator
2014-Present	Council on Faculty
	Member [elected for three terms]
	2023-Chair-elect

C. UNIVERSITY

<u>Date</u>	<u>Position (Chair, member), Committee</u>
2023-2026	University of Iowa Faculty Council
	Member [elected position]
2023	UIHC/Carver College of Medicine Annual Quality and Safety Symposium
	Poster judge
2021-present	JJ Neiman-Brown Memorial Fund
	Board member
2020-present	College of Public Health-Occupational Injury Expert Research team
	Member [Invited position]
2020-2026	University of Iowa Faculty Senate
	Member [elected position- elected two terms]
	2023 OVPR performance evaluation committee member [Invited position]
2019-present	The University of Iowa Center for Diversity Inclusion and Enrichment
	Invited presenter on 2020 Diversity Seminars
2019-2022	The University of Iowa Council on Women Status
	Member [elected position]
2019-present	The University of Iowa Summer Health Professionals Enrichment Program (SHPEP) meeting.
	Invited Panelist
2018 & 2017	Belin-Blank Junior Science and Humanities Symposia (JSHS) Program
	Invited Presenter
2017 & 2018	University of Iowa Hospitals and Clinics (UIHC)
	Invited poster evaluator for the UIHC quality and safety annual conference
2017	University of Iowa Hospitals and Clinics (UIHC
	Invited abstract reviewer UIHC- quality and safety annual conference
2015-2019	UIHC Quality and Safety Committee
	Member
2015- present	UIHC Evidence-Based Practice Conference Planning Committee
	Member
	Abstract reviewer
	Poster awards judge
2015	Iowa Edge Program
	Presenter

D. COMMUNITY (Professionally relevant only)

<u>Date</u>	<u>Position (Chair, member), Committee, Organization</u>
2015- present	Sexual Assault Nurse Examiner (SANE)-College of Nursing
2013-present	Member of Genesis Health System Nursing Research, Innovation, and Evidence-Based Practice Committee. Genesis Health System.

IV. TEACHING

A. COURSE INSTRUCTION

Date	University	Program	Course Number & Title
Spring 2024	Iowa	PhD	**NURS:7003** Quantitative Research
			NURS:6828 Doctor of Nursing Practice Project III
Spring 2023	Iowa	PhD	**NURS:7003** Quantitative Research
			NURS:6828 Doctor of Nursing Practice Project II
Spring 2022	Iowa	PhD	**NURS:7003** Quantitative Research
	Iowa	PhD	**NURS:7805** Dissertation Research
Spring 2021	Iowa	PhD	**NURS:7003** Quantitative Research
		PhD	**NURS:7805** Dissertation Research
Fall 2020	Iowa	PhD	**NURS:7805** Dissertation Research
Spring-2020	Iowa	PhD	**NURS:7805** Dissertation research
		DNP	**NURS:6828** Doctor of Nursing Practice Project III
		PhD/DNP	**NURS:5017** Quality and Safety
Spring-2019	Iowa	PhD	**NURS:7805** Dissertation research
		DNP	**NURS:6827** Doctor of Nursing Practice Project II
		PhD/ DNP	**NURS:5017** Quality and Safety
Fall-2018	Iowa	DNP	**NURS:6826** Doctor of Nursing Practice Project I
		PhD	**NURS:7509** Research Residency
		PhD	**NURS:7805** Dissertation Research
Summer-2018	Iowa	PhD	**NURS:7804** Research Practicum
Spring-2018	Iowa	PhD	**NURS:7805** Dissertation Research
		PhD/ DNP	**NURS:5017** Quality and Safety
Fall-2017	Iowa	PhD	**NURS:7804** Research Practicum II
		PhD	**Nurse:7803** Research Practicum I
		DNP	**NURS:6825** Doctor of Nursing Practice Project
Spring-2017	Iowa	PhD	**NURS:7804** Research Practicum II
		PhD	**Nurse:7803** Research Practicum I
		DNP	**NURS:6825-0EXJ** Doctor of Nursing Practice Project
		DNP	**NURS:6825-0EXI** Doctor of Nursing Practice Project
Fall-2016	Iowa	PhD/DNP	**NURS:5017** Quality and Safety
Spring-2016	Iowa	DNP	**NURS:6825** Clinical Leadership Project
Fall-2015	Iowa	DNP	**NURS:6825** Clinical Leadership Project
		PhD/DNP	**NURS:6554** Seminar on Healthy Work Environment
Spring-2015	Iowa	PhD/DNP	**NURS:5017** Quality and Safety
		DNP	**NURS:6825** Clinical Leadership Project
Fall-2014	Iowa	PhD/DNP	**NURS:6554** Seminar on Healthy Work Environment
		DNP	**NURS:6825** Clinical Leadership Project

Spring-2014	Iowa	PhD/DNP	**NURS:5017** Quality and Safety
		DNP	**NURS:6825** Clinical Leadership Project
Fall-2013	Iowa	DNP	**NURS:6825** Clinical Leadership Project
Spring- 2013	Iowa	PhD/DNP	**NURS 5017** Quality and safety
Spring 2012	Alexandria	MSN	**1008704** Organizational Theories, didactic.
	Alexandria	MSN	**1008703** Administration strategies II.
	Alexandria	BSN	Clinical role of nurse manager.
Fall 2011	Alexandria	Masters	**1008704** Organizational Theories,
	Alexandria	Masters	**1008702** Administration strategies I.
	Alexandria	BSN	Clinical role of nurse manager.
Spring 2011	Alexandria	Masters	**1008704** Organizational Theories.
	Alexandria	Masters	**1008703** Administration strategies II.
	Alexandria	BSN	Clinical role of nurse manager.
	Kent State	RN-BSN	Nursing Research and Evidence-Based Practice
Fall 2010	Alexandria	Masters	**1008704** Organizational Theories.
	Alexandria	Masters	**1008702** Healthcare Administration Strategies I.
	Alexandria	BSN	Clinical role of nurse manager.
	Kent State	RN-BSN	Nursing Research and Evidence-Based Practice
Spring 2010	Case Western Reserve	DNP	NURS: 425 Nursing Research and Evidence-Based Practice [Co-teaching]
Fall 2009	Case Western Reserve	PhD	**NURS:615** Advanced Multivariate Analysis [TA]
Spring 2009	Case Western Reserve	PhD	**NURS: 615** Advanced Multivariate Analysis [TA]
AY1999-2002	Alexandria	BSN	Introduction to Nursing Administration Clinical role of nurse manager
AY 1994-1999	Alexandria	BSN	Clinical role of nurse manager

B. STUDENTS MENTORED
PhD Dissertations (College of Nursing)

Date	Name	Role	Title of Dissertation
2024-	Ansam Abu Yoniss	Chair	Medication safety
2021-present	Alaa Harb	Co.Chair	Stress/fatigue and cognitive performance in older adults
2020-Present	Sugandha Aggarwal	Co Member	Fatigue and Heart disease
2018-2020	Julie Walden	Chair	Caring in Nursing
2018-2021	Katie Knox	Co. Member	Evaluation of nurse residency program
2017-2022	Kathy Schwartz	Chair	Latent class analysis of Women with Circulatory problems
2016-2021	Ahmed Al-Saaidi	Chair	Role of Self-leadership on nurse work-life balance.

2016-2018	Erica Davison	Co. Member	Care coordination for CHF patients
2015-2018	Kirstin Manges	Co. Member	The influence of interdisciplinary team shared mental model on the quality of patient discharge.
2015-2017	Lister Onsongo	Co. Member	The nursing practice culture in Kenya and use of pain management guidelines in adult cancer pain management. A focused ethnography.

PhD Dissertations (University)

Date	Name	Role	Title of Dissertation
2024-	Zengchenghao Xia (college of Engineering- Industrial Engineering department)	Co. Member	Information sharing for sequential data analysis based on gaussian process and mixed effects model
2017-2019	Roberto Benzo (College of Liberal Arts and Science- Human Physiology department)	Co. Member	Examining fatigue, sleep, leaser and work activity among nurses
2017-2019	Renjie Hu (College of Engineering- Industrial Engineering department)	Co. Member	ELM data selection and SOM feature data visualization (industrial engineering).

DNP Projects

Date	Name	Role	Project title
2022-2024	Joel Moore	Chair	Team based care delivery model in acute care setting
Spring 2016	Erin Christensen	Co. Member	Effective tool in promoting behavior change in overweight and obese children.
	Kathleen Fear	Co. Member	Advanced Radiation Safety Education for Fluoroscopy
	Barbara Masters	Co. Member	Improving Outcomes for Patients with Depression and Diabetes in Primary Care
	Vivian Ochola	Co. Member	Improving Self-Care Management Skills and Utilization in Persons with Diabetes Using Shared Medical Appointments
	Daniel Scholl	Co. Member	Appropriate Dosing for Stress Steroid Replacement Therapy: An Evidence-Based Algorithm
	Bret Renshaw	Co. Member	Development of an Interprofessional Comprehensive Wound Program
	Jane Day	Co. Member	Improving Perioperative Glycemic Control

	Andrea Achenbach	Co. Member	Implementation and Evaluation of a Nurse Practitioner-Led Health Coaching Program
Spring 2015	Jennifer Nutt	Chair	Increasing Access to PICC Line Insertion Services for Critical Access Hospitals
	Kimberley Donald	Co. Member	Implementation of a Smartphone Calorie Counter App to Improve Patient Weight Loss
	Sara Griffin	Co. Member	Perioperative Identification and Consultation of Opioid Tolerant Patients
	Nick Poch	Co. Member	Reducing Central Line Associated Blood Stream Infections in the Surgical and Neurosciences Intensive Care Unit
	Ryan Flug	Co. Member	Triage of New Inmates in the Jail Setting: The Essential Role of Communication During the Booking Process
	Jennifer Kuntz	Co. Member	Nursing Action Plan for a Difficult Airway
	April Roe	Co. Member	Addressing Practice Issues Through the Design and Implementation of a Nurse Peer Review Program
Spring 2014	Kristin Carne	Co. Member	Development of a Pediatric-Specific Pre-anesthesia Evaluation Tool
	Melanie Burja	Co. Member	Geriatric Postoperative Delirium: Prevent and Manage to Improve Outcomes
	Greggory Sutton	Co. Member	Preoperative Angiotensin Converting Enzyme Inhibitor and Angiotensin Receptor Blocker Management
	Amanda Wyatt	Co. Member	Perioperative Management of Adult Patients
	Elizabeth Miller	Co. Member	Obesity Management in Primary Care: An Evidence-Based Approach
	Alicia Duyvejonck	Co. Member	An Evidence-Based Approach to Delirium Care: The Role of the Doctorally Prepared Nurse Practitioner
	Heather Elmore	Co. Member	Improving Identification & Outcomes of the Critically-Ill Pediatric Patient in the Emergency Department
	Michael Pomeroy	Co. Member	Anesthesia Guideline for Functional Endoscopic Sinus Surgery
	Lauren Ringe	Co. Member	Sound Segue: Improving Health Care Transition for Children and Youth with Special Health Care Needs
	Amber Thornburg	Co. Member	Improving Perceptions and Uptake of Influenza Vaccination Among College Students Through Use of Social Media (Twitter)

Master Thesis

Summer 2020	Aditya Gune (College of Engineering	Co. Member	Mixture Hidden Markove Model for Clustering of Nurse Fatigue Patterns

Graduate mentoring (PhD students)

Date	Name	Mentoring area
Spring 2017-present	Katie Knox	Quantitative data analysis Factor analysis
Spring 2017-Summer 2018	Julie Walden	Quantitative data analysis Mixed method research Concept analysis
Spring 2017	Hind Marami	Quantitative data analysis
Summer 2022	Mohamed Eid (visiting scholar)	Quantitative analysis and research design

Graduate mentoring (DNP students)

Date	Name	Role
2015-2016	Amalia Gedeny-Lose	Research mentor
2014-2016	Denial Lose	Research mentor

Undergraduate mentoring

Dates	Name	Role
2017-2020	Teagan White	Research mentor
2017-2019	Brandon Schleder	Research mentor
2015-2018	Megan Lough	Research mentor and worked with Megan on her Fulbright application.
2017-2018	Katie Shamnski	Research mentor
2014-2016	Amalia Jones	Research mentor
2014-2015	Catrina Jargo	Research mentor

V. CONTINUING EDUCATION

Date	Agency, Location
2022	NLN leadership academy-LEAD program
January 2022	Overcoming Impostor syndrome and establishing a renewed understanding of the impostor experience. Tippie College of Business
September 2021	NIH/NINR AI Bootcamp
June 2017	ICTS Summer Institute, Washington DC
MAY 2016	Large Data Summer School. Iowa State University, Ames, IA
December 2015	Designing Blended Class/ University of Iowa, Teaching Services, IA
June 2015	Large Data Base and Informatics meeting. University of Minnesota. Minnesota

March 2015	Appreciative Inquiry (AI) Training. Weatherhead School of Management. Case Western Reserve University. Cleveland, Ohio
June/July 2014	The science of Quality and Safety. John's Hopkins University, online 6 weeks course
October 2014	TILE class workshop. University of Iowa Teaching Services
May 2014	Sexual Assault Nurse Examiner Training. College of Nursing- University of Iowa
April 2013	Agency for Healthcare Research and Quality (AHRQ) Team Steps Master Trainer