

MARY G. CAREY PhD, RN, FAHA, FAAN
Associate Professor
University of Rochester Medical Center
School of Nursing
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ACADEMIC PREPARATION

- 1996-2001 **PhD**, Physiological Nursing; University of California, San Francisco, CA
Major Advisor: Barbara J Drew RN, PhD, FAHA, FAAN
- 1991-1993 **MS**, Critical Care Nursing, Teaching Minor, University of California, San Francisco, CA
Major Advisor: Barbara J Drew RN, PhD, FAHA, FAAN
- 1986-1990 **BS**, Nursing; State University of New York at Buffalo, Buffalo, NY

PROFESSIONAL EMPLOYMENT

- 2014-current Associate Professor, with tenure, School of Nursing, University of Rochester, NY
- 2013-current Director, Clinical Nursing Research Center, Strong Memorial Hospital, NY
- 2009-2013 Associate Professor, with tenure, School of Nursing, University at Buffalo, NY
- 2002-2009 Assistant Professor, pre-tenure, School of Nursing, University at Buffalo, NY
- 2003-2007 Clinical Nurse, Trauma ICU, Erie County Medical Center, Buffalo, NY
- 1999-2002 Clinical Assistant Professor, San Francisco State, Nursing, San Francisco, CA
- 1999-2001 Critical Care Educator, Nursing, University of California, San Francisco, CA
- 1994-2001 Clinical Nurse, Coronary Care Unit, University of California, San Francisco
- 1993-2001 Project Director, NINR R01s, PI: BJ Drew. UC, San Francisco, CA
- 1989-1991 Clinical Nurse, Trauma ICU, Erie County Medical Center, Buffalo, NY
- 1988-1989 Nursing Internship, Neurosurgical Unit, Strong Memorial Hospital, Rochester, NY
- 1986-1988 Nursing Assistant, Student Health, University at Buffalo, Buffalo, NY
- 1986-1988 Nursing Assistant, Hill Haven Nursing Home, Rochester, NY

PROFESSIONAL & ACADEMIC HONORS AND AWARDS

- 2021 Josephine Crayton Nursing Award, University of Rochester, NY
- 2021 Educational Grant Award, European Society of Cardiology
- 2020 Rochester Business Journal, Health Care Heroes for Nursing
- 2019 Presidential Diversity Award, Member, Commission on Women and Gender Equity
- 2018 Bronze Star Recipient, University of Rochester Medical Center
- 2018 Rochester Academy of Medicine, Interprofessional Recognition Prize
- 2017 National Challenge, Integrating EBP in to Academic Programs, Ohio State
- 2017 Outstanding Faculty Colleague, School of Nursing University of Rochester
- 2014 Fellow, American Academy of Nursing
- 2014 & 2015 Among the Top 10 Reviewers, The European Journal of Cardiovascular Nursing
- 2014 Leary Family Research Fund Award, University of Rochester, NY
- 2013 Terry Family Research Fund Award, University of Rochester, NY
- 2012 Nurse of the Year, Education & Research, March of Dimes, Rochester NY
- 2012 Nurse of Distinction, Professional Nurses Association of Western NY
- 2010-2012 Teaching Apple of Excellence, State University of New York at Buffalo, NY
- 2010 Excellence Through Teamwork, Buffalo Fire Department, NY
- 2009 Scholarly Writing Retreat, National League for Nursing, Johns Hopkins, MA
- 2008 Dean's Excellence in Research Award, State University of New York at Buffalo, NY
- 2008 Dean's First Annual Mentorship Award, State University of New York at Buffalo, NY
- 2005-2010 Individual Development Award, United University Professions, University at Buffalo, NY
- 2005 Graduate Faculty Member, State University of New York at Buffalo, NY
- 2003 Fellow, American Heart Association, Council on Cardiovascular Nursing
- 2002 Nominated, Distinguished Dissertation Award. University of California, San Francisco
- 2002 Finalist, Young Investigator Comp. Intern Society Computerized ECG. Netherlands
- 1999 Sigma Theta Tau, Alpha Eta Chapter, University of California, San Francisco, CA
- 1994-2000 Outstanding Staff Performance Award, University of California, San Francisco, CA
- 1988-1989 Dean's List, State University of New York at Buffalo, NY

RESEARCH**Research Funding: Principal Investigator, Active**

- 2020-2022 Cardiovascular Nursing Research
University of Rochester, Pat Larrabee Funding, \$20,000
- 2020-2022 Electrocardiographic Annotation of ICU Alarms
Sub-award Agreement with School of Nursing, UCSF, \$20,000

Research Grants: Principal Investigator, Completed

- 2018-2020 Calculating Workload at Firehouses through the Qualification of Fire Calls
University of Rochester, Research Support Grant \$8,000
- 2013-2014 A Quiet Firehouse: Reducing Cardiovascular Burden of On-Duty Firefighters by
Improving Sleep Quality. University of Rochester, Research Support Grant \$13,310
- 2008-2010 Surveying & Assessing Firefighter Fitness & Electrocardiograms: The SAFFE Study
National Institutes of Health, NINR, R21 NR-011077 \$411,559
- 2009-2010 Identifying and Modifying Metabolic Syndrome in the SAFFE Firefighters
University at Buffalo Garman Funds \$15,000
- 2007-2008 Feasibility of Obtaining High Quality Electrocardiograms on Firefighters
University at Buffalo Garman Funds \$10,000
- 2005-2008 Dynamic ECG Predictors of Sudden Cardiac Death in Ischemia Cardiomyopathy.
National Institutes of Health, NINR, K23 NR-009716 \$404,394. Mentor, John M Canty
- 2004-2005 Heartstart Onsite Defibrillators for First Responders Community Contribution Program
Philips Medical Systems \$5,000
- 2001 Developing a Body Position Sensor
Graduate Division Research Award, University of California, San Francisco \$1,910
- 2000 Positional Effects of Body Position on the ECG
Century Club Funds, University of California, San Francisco \$1,000

Research Grants: Co-Investigator or Sponsor, Under Review

- 2021-2023 Occupations at High Risk of Workplace Traumatic Stress: Learning from the Literature,
Alberta Futures OHS grant. Canada's National Institute for Safety and Occupational
Health, PI: Wagner \$110,000. Co-Investigator

Research Grants: Co-Investigator, Active

- 2020-2023 Influence of Prenatal and Early Childhood Home-Visiting by Nurses on Development
of Chronic Disease: 29-year Follow-Up of a Randomized Clinical Trial, NHLBI, PI:
Olds \$5,369,700. Co-I. Provide Cardiovascular Interpretation
- 2021-2026 Algorithm Based Strategies to Reduce False and Non-Actionable ECG Alarms, PI
Pelter \$3,203,143. Co-Investigator
- 2018-2022 Combined Aerobic Exercise and Cognitive Training in MCI, The ACT Trial, NIA, PI: Lin
\$776,403. Role: Co-I. Supervise Exercise Stress Testing
- 2016-2020 Development and Prevention of Trauma-Related Mental Disorders among First
Responders. WorkSafeBC. Canada's National Institute for Safety and Occupational
Health, PI: Wagner \$100,000. Role: Co-Investigator. Systematic Review of the
Cardiovascular Literature

Research Grants: Co-Investigator, Completed

- 2010-2013 COMPARE Study: NINR, PI: Pelter \$235,270. Role: Co-Investigator.
- 2008-2013 Practical Use of the Latest Standards for Electrocardiography; PI: M. Funk. R01,
National Institutes of Health, National Heart, Lung, and Blood Institute. \$4,040,500
- 2004-2009 Hibernating Myocardium and Sudden Cardiac Death. PI: J.M. Canty. R01. Institutes of
Health, National Heart, Lung, and Blood Institute. \$3,563,287

- 2003-2007 Advanced Education Nursing: Preparation of Clinical Nurse Specialists. PI: Y. Scherer. Department of Health & Human Services. Project: 1034291 \$1,425,000
- 1997-2001 Nursing Strategy for Cardiac Ischemia Monitoring, Co-Project Director, PI: B.J. Drew. R01, National Institutes of Health, National Institute of Nursing Research, \$1,028,438
- 1993-1996 Nursing Strategy for Cardiac Ischemia Monitoring, Project Director, PI: B.J. Drew. R01, National Institutes of Health, National Institute of Nursing Research, \$540,065

Publications, Original Research, Peer Reviewed

1. Dzikowicz, DJ, Pelter MM, **Carey, MG**. The Impact of Transient Myocardial Ischemia on In-Hospital Survival among UA/NSTEMI Patients. *Journal of Cardiovascular Nursing*, *in review*
2. Dzikowicz, DJ & **Carey, MG**. Correlates of Autonomic Balance, Exercise Hemodynamics, and Exercise Performance among Firefighters, *Journal of Biological Nursing*, *in review*
3. **Carey MG**. Using the Fire Academy to Improve Cadets' Cardiovascular Knowledge. *Preventive Medicine Reports*, *in review*
4. Dzikowicz, DJ & **Carey, MG**. The ECG in Mobile Health: Applications and Future. *Research in Nursing & Health*, *in review*
5. White. M, Alden, L., Wagner, S., White, Fyfe, T., Matthews, L., Randall, C.; Regehr, C., Buys, N, **Carey, MG**, Corneil, W., M, Fraess-Phillips, A. Krutop, E., Fleischmann, MH. First Responders: Systematic Review of Work Implications of Psychological Distress, *Psychological Trauma: Theory, Research, Practice, and Policy*, *in review*
6. Dzikowicz, DJ, Al-Zaiti SS, **Carey, MG**. Exercise Stress Test Recovery among Firefighters. *Journal of Cardiovascular Nursing*, *in review*
7. Matthews, L, Alden, L, Wagner, S, **Carey, MG**, Corneil, W, Fyfe, T, Randall, C, Regehr, C, White. M, Buys, N, White. M, Fraess-Phillips, A, and Krutop. Prevalence and Predictors of Posttraumatic Stress Disorder, Depression, and Anxiety among ED Personnel: A systematic review. *Journal of Emergency Medicine*, *in review*
8. Dzikowicz, DJ, Mulligan, DH, **Carey, MG**. ECG-based Predictors of Re-infarction or Death on the Hospital Admission 12-Lead ECG among UA/NSTEMI Patients: A Protocol for a Systematic Review and Meta-Analysis, *Systematic Reviews*, *in review*
9. **Carey MG** & LM Liao. Cardiorespiratory Fitness is Positively Associated with Heart Rate Variability in Firefighters. *Health Science Reports*, *in review*
10. Alden L.E., Matthews L., Wagner S., Fyfe T., Randall C., Regehr C., White M, Buys N., **Carey, MG**, Corneil W., White N., Fraess-Phillips A, & Krutop E. Systematic Review of Psychological Interventions for First Responders, *Work & Stress*, *in press*
11. Regehr, C., **Carey, MG**, Wagner, S., Alden, L., Buys, N., Corneil, W., Fyfe, T., Matthews, L., Randall, C., White. M, Fraess-Phillips, A., Krutop, E., White, N. & Fleischmann, M. Systematic Review of PTSD in Police Officers Following Routine Work-Related Critical Incident Exposure. *American Journal of Industrial Medicine*, *in press*
12. Wagner, S.L., White, N., Randall, C., Regehr, C., White, M., Alden, L.E., Buys, N., **Carey, M.G.**, Corneil, W., Fyfe, T., Matthews, L.R., Fraess-Phillips, A., Krutop, E. Mental disorders in firefighters following large-scale disaster. *Disaster Management & Public Health Preparedness*, *in press*
13. Wagner, S, White, N, C Regehr, White. M, Alden, L, Buys, N, **Carey, MG**, Corneil, W, Fyfe, T, Matthews, L, Randall, C, Krutop, E, Fraess-Phillips, A. Ambulance Personnel: Systematic Review of Mental Health Symptoms, *Traumatology*, *in press*
14. Dzikowicz, DJ & **Carey, MG** (2021). Severity of Myocardial Ischemia is Related to Career Length Rather Than Age among Professional Firefighters. *Workplace Health and Safety*, epub Jan 29
15. Regehr, C., **Carey, MG**, Wagner, S., Alden, L., Buys, N., Corneil, W., Fyfe, T., Matthews, L., Randall, C., White. M, Fraess-Phillips, A., Krutop, E., White, N. & Fleischmann, M. A (2021). Systematic Review of Mental Health Symptoms in Police Officers Following Extreme Traumatic Exposures. *Police Practice and Research: An International Journal*, 22:1; 225-239
16. Dzikowicz, D & **Carey, MG** (2020). An Incidental Finding on a Pre-Procedural ECG. *Journal for Nurse Practitioners*, 16(3): e49-e52

17. **Carey, MG**, Regehr, C., Wagner, S., Alden, L., Buys, N., Corneil, W., Fyfe, T., Matthews, L., Randall, C., White, M, Fraess-Phillips, A., Krutop, E., White, N. & Fleischmann, M (2021). The Prevalence of PTSD, Acute Stress Disorder, Major Depressive Disorder, and Anxiety Disorders among Transportation Workers, *International Archives of Occupational & Environmental Health Social Science & Medicine*, <https://doi.org/10.1007/s00420-020-01631-5>
18. Dzikowicz, DJ & **Carey, MG** (2020). Exercise Induced PVC are Associated with Myocardial Ischemia among Asymptomatic Adult Males. *Biological Research in Nursing*, 22(3): 369-377
1. **Carey, ,** compensation for clinical nursing participating in research activities
19. **MG** & McMullen (2020). The Value of Using an Acuity Score for Neonatal Nursing Research. *Journal of Perinatal and Neonatal Nursing*, 34(4): 352-356
20. Dzikowicz, DJ, Schmitt LA, Gastle K, Skermont A, **Carey MG** (2020). An All-RN Unit vs a Mixed-Skill Unit at an Academic Medical Center. *Journal of Nursing Administration*, 50:12, ppe14-e22
21. Algase, DL, Stein, K, Arslanian-Engoren, C, Corte C, Sommers, S, **Carey, MG** (2020). An Eye toward the Future of Nursing: Pressing Questions for Today's Academic and Research Climate. *Nursing Outlook*, 000; 1-8
22. Wagner, S, White, N, Buys, N, **Carey, MG**, Corneil, W, Fyfe, T, Matthews, L, Randall, C Regehr, C, White, M, Alden, L, Krutop, E, Fraess-Phillips, A and Fleischmann, M (2019). Depression and Anxiety in Policework. *Policing: An International Journal*
23. Regehr, C., **Carey, MG**, Wagner, S., Corneil, W., Fyfe, T., Matthews, L., Randall, C., White, M, Alden, L., Buys, N., Krutop, E., & White, N., Fraess-Phillips, A (2019). Prevalence of PTSD, Depression and Anxiety Disorders in Correctional Officers: A systematic review. *Corrections: Policy, Practice and Research*
24. **Carey MG**, Trout DR, Qualls BW (2019). Hospital-Based Research Internship for Nurses: The Value of Academic Librarians as Co-Faculty. *Journal for Nurses in Professional Development*, 35(6):344-350
25. **Carey MG**, Nowzari S, Finnell DS. A Brief Video Intervention to Teach Firefighters the Neurobiological Basis for Alcohol Use (2019). *Journal of Psychiatric and Mental Health Nursing*, 33, 377-382
26. Al-Zaiti SS, Pietrasik G, **Carey MG**, Alhamaydeh M, Canty JM, Fallavollita JA. (2019). The role of heart rate variability, heart rate turbulence, and deceleration capacity in predicting cause-specific mortality in chronic heart failure. *Journal of Electrocardiology*; 52:70-74
27. Fearrington, MA, Qualls, BW, **Carey MG** (2019). Essential Oils to Reduce Post-Operative Nausea and Vomiting, *Journal of PeriAnesthesia Nursing*, 34(5): 1047-1053
28. Dzikowicz, D & **Carey, MG**. Obesity and HTN contributes to prolong QRS complex Duration among Middle-Aged Adults (2019). *Annals of Noninvasive Electrocardiology*, 24(6): e12665
29. **Carey MG**, Qualls BQ, Burgoyne, C (2019). Patient Perception of Stressful Events in the ICU Following Cardiac Surgery, *American Journal of Critical Care*, 28(2), 1-5
30. Dzikowicz, D & **Carey, MG** (2019). Widened QRS-T Angle May be a Measure of Ventricular Stretch during Exercise Testing. *Journal of Cardiovascular Nursing*, 34: 3, 201-207*
31. Kozik TM, **Carey MG**, Bhattacharyya M, Chien W, Charos GS, Connolly, TF, Hickman MC, Schmidt S, Pelter MM (2018). Cardiovascular Responses to Energy Drinks in a Healthy Population during eXercise: The C-Energy-X Study. *Journal of Electrocardiology*, 51, S1-S5
32. Hess H, Schlader Z, Russo L, Stansbery R, **Carey MG**, Pendergast DR, Hostler D (2018). Effect of rehydration schedule after 4-hour head out water immersion on running performance and recovery. *Undersea and Hyperbaric Medicine*, 45; 495-503
33. **Carey MG**, Baldzizhar A, Miterko CR, Qualls BW, Vincent RL, Merrick, R, Dean, GE (2018). A Quiet Firehouse: Reducing Sleep Disturbance and Environmental Stimuli among Professional On-Duty Firefighters. *Journal of Occupational and Environmental Medicine*, 60, 2, 186-190
34. Funk M, Fennie K, Stephens K, May J, Winkler C, Drew B and PULSE Site Investigators... **Carey, MG** (2017). Association of Implementation of Practice Standards for ECG Monitoring with Nurses' Knowledge, Quality of Care, and Patient Outcomes: The PULSE Trial. *Circulation Cardiovascular Quality and Outcomes*, (10)2. PMID: 281741752017 Research Article of the Year Award from the Council on Cardiovascular and Stroke Nursing of the AHA

35. Z'egre-Hemsey JK, Garvey JL, **Carey, MG** (2016). Cardiac Monitoring in the Emergency Department. *Critical Care Clinics of North America*, 28(3), 331-45
36. Pelter, MM, Loranger, D, Kozik, TM, Fidler, R Hu X, **Carey, MG** (2016). Unplanned Transfer from the Telemetry Unit to the ICU in Hospitalized Patients with Suspected Acute Coronary Syndrome. *Journal of Electrocardiology*, 49(6), 775-783. PMID: 27623400
37. Baldzizhar A, Manuylova E, Marchenko R, Kryvalap Y, and **Carey MG** (2016). Characteristics, Management and Actions for VTs. *Critical Care Clinics of North America*, 28(3), 317-29
38. **Carey MG**. (2016). Acute Coronary Syndrome and ST Segment Monitoring. *Critical Care Clinics of North America*, 28(3), 347-355
39. McMullen SL, Dutko Fioravanti, K Brown, **Carey MG** (2016). Safe Sleep for Hospitalized Infants. *Maternal Child Nurse*, 41(1), 43-50
40. Attin M, Tucker R, **Carey MG** (2016). In-Hospital Cardiac Arrest: An Update on Pulseless Electrical Activity & Asystole, The Non-shockable Rhythms. *Critical Care Clinics of North America*, 28(3), 387-397
41. Al-Zaiti SS, Fallavollita JA, Canty JM, **Carey MG** (2015). The Prognostic Value of Discordant T waves in Lead AVR: A Simple Risk Marker of Sudden Cardiac Arrest in Ischemic Cardiomyopathy. *Journal of Electrocardiology*, 24(5), 887-92. PMID: 26233648
42. Pelter, MM, Loranger, D, Kozik, TM, Kedia, A, Ganchan, RP, Ganchan, D, Hu X, **Carey, MG** (2015). Among Unstable Angina and Non-St-Elevation Myocardial Infarction Patients, Transient Myocardial Ischemia and Early Invasive Treatment are Predictors of Major In-Hospital Complications. *Journal of Cardiovascular Nursing*, 31(4), 10-19. PMID: 26646595
43. Al-Zaiti, SS, Callaway, CW, Kozik, TM, **Carey, MG**, Pelter, MM (2015). The Clinical Utility of Ventricular Repolarization Dispersion for Real-Time Detection of Non-ST Elevation Myocardial Infarction in Emergency Departments. *Journal of the American Heart Association*, 4(7), 1-11
44. Liao, LM & **Carey MG** (2015). Laboratory-Induced Mental Stress, Cardiovascular and Psychological Characteristics: A Review. *Reviews in Cardiovascular Medicine* 16(1), 28-35
45. Pickham D, **Carey M**, Chan G (2015). Pre-participation Screening for Athletes and the Role of Advanced Practice Providers. *Journal of Electrocardiology*, 48(3), 339-344. PMID: 25791248
46. Liao, LM, Al-Zaiti SS, **Carey MG** (2014). Depression and Heart Rate Variability in Firefighters. *SAGE Open Medicine*, 2:2050312114545530
47. Al-Zaiti SS & **Carey MG** (2014). The Prevalence of Clinical and ECG Risk Factors of Cardiovascular Diseases among On-Duty Professional Firefighters. *Journal of Cardiovascular Nursing*, 30(5), 440-446. PMID: 24874885
48. Edlund, JE, Edlund, AE, **Carey, MG** (2014). Patient Understanding of Risk and Benefit with Informed Consent in a Left Ventricular Assist Device Population: A Pilot Study. *The Journal of Cardiovascular Nursing*, 30(5), 435-439. PMID: 22503240
49. McMullen SL & **Carey MG** (2014). Predicting Transition to the Supine Sleep Position in Preterm Infants. *Advances in Nursing Science*, 37(4), 1-7. PMID:25365287
50. McMullen SL, Wu, YWB, Austin-Ketch T, **Carey, MG** (2014). Transitioning the Premature Infant from Nonsupine to Supine Position Prior to Hospital Discharge. *Neonatal Network* 33(4), 194-198. PMID: 24985111
51. Al-Zaiti SS, Hostler D, Kozik TM, Pelter MM, **Carey MG** (2014). Repolarization Abnormalities in Young Athletes. *American Journal of Critical Care*, 23(4), 345-6. PMID: 24986177
52. Al-Zaiti SS, Fallavollita JA, Wu WYB, Tomita MR, **Carey MG** (2014). Electrocardiogram-Based Predictors of Clinical Outcomes: A Meta-Analysis of the Prognostic Value of Ventricular Repolarization. *Heart & Lung*, 43(6), 516-526. PMID: 24988910
53. Al-Zaiti SS, Fallavollita JA, Canty Jr. JM, **Carey, MG** (2014). ECG Predictors of Sudden and Non-Sudden Cardiac Death in Patients with Ischemic Cardiomyopathy. *Heart & Lung*, 43(6), 527-533. PMID: 24996250
54. Al-Zaiti SS, Shusterman V, **Carey MG** (2013). Novel Technical Solutions for Wireless ECG Transmission & Analysis in the Age of the Internet Cloud. *Journal of Electrocardiology*, 46(6), 540-545. PMID: 23992916

55. Pelter MM, Kozik TM, **Carey MG** (2012). A Research Method for Detecting Transient Myocardial Ischemia in Patients with Suspected Acute Coronary Syndrome Using Continuous ST-Segment Analysis. *Journal of Visualized Experiments*, (70) 50124. PMC3577868
56. **Carey MG**, Al-Zaiti SS, Canty Jr. JM, Fallavollita JA. (2012). High-Risk ECG Parameters are Ubiquitous in Patients with Ischemic Cardiomyopathy. *Annals of Noninvasive Electrocardiology*, 17(3), 1-11. PMC3404736
57. Homish GG, Frazer BS, **Carey MG** (2012). The Influence of Indirect Collective Trauma on First Responders' Alcohol Use. *International Journal of Emergency Mental Health*, 14(1), 21-28. PMID: 23156959
58. Al-Zaiti SS, Runco KN, **Carey MG** (2011). Increased T Wave Complexity Can Indicate Subclinical Myocardial Ischemia in Asymptomatic Adults. *Journal of Electrocardiology*, 44(6), 684-688. PMC3200448
59. **Carey MG**, Al-Zaiti SS, Liao, LM, Martin, HN, Butler, RA (2011). A Low-Glycemic Nutritional Fitness Program to Reverse Metabolic Syndrome in Professional Firefighters: Results of a Pilot Study. *Journal of Cardiovascular Nursing*, 26(4), 298-304. PMC3114284
60. **Carey MG**, Al-Zaiti SS, Finnell, D, Dean G, Sessanna, L (2011). Sleep Problems, Depression, Substance Use, Social Bonding, and Quality of Life in Professional Firefighters. *Journal of Occupational and Environmental Medicine*, 53(8), 928-33. PMC3486736
61. Al-Zaiti, SS, Khasawneh, MK, **Carey, MG** (2011). Syncope: An Uncommon Presentation of Ischemic Cardiomyopathy. *The Journal for Nurse Practitioners*, 7(5), 385-391
62. **Carey MG**, Al-Zaiti SS, Liao, L, Butler, RA, Martin, HN (2011). Characteristics of the Standard 12-lead Holter ECG in Professional Firefighters. *Computing in Cardiology*, Vol 37, 655-658. ISSN: 0276-6547
63. Pelter MM, **Carey MG**, Stephens KE, Anderson H, Yang W. (2010). Improving Nurses' Ability to Identify Anatomic Location and Leads on 12-lead ECG with ST Elevation Myocardial Infarction. *European Journal of Cardiovascular Nursing*, 9(4), 218-225. PMID: 20153979
64. Khraim FM, Scherer YK, Dorn JM, **Carey MG** (2010). Patient-Surrogate Agreement of Predictors of Decision Delay Among Patients with Acute Myocardial Infarction: A Questionnaire Survey. *International Journal of Nursing Studies*, 47(11), 1418-1424. PMID: 20427043
65. **Carey MG**, Luisi AJ, Baldwa S, Al-Zaiti SS, Canty JM, Fallavollita JA (2010). The Selvester QRS Score is More Accurate than Q waves and Fragmented QRS Complexes Using the Mason-Likar Configuration Estimating Infarct Volume in Patients with Ischemic Cardiomyopathy. *Journal of Electrocardiology*, 43(4), 318-325. PMC2902677
66. **Carey MG** & Thevenin BJ (2009). High Resolution 12-lead ECG of On-Duty Professional Firefighters: A Pilot Feasibility Study. *Journal of Cardiovascular Nursing*, 24(4), 261-267. PMC3057646
67. Khraim FM, Scherer YK, Dorn JM, **Carey MG**. (2009). Predictors of Decision Delay to Seeking Health Care Among Jordanians with Acute Myocardial Infarction. *Journal of Nursing Scholarship*. 41(3), 260-267. PMID: 19036551
68. Khraim FM & **Carey MG** (2009). Predictors of Pre-Hospital Delay among Patients with Acute Myocardial Infarction. *Journal of Patient Education and Counseling*, 75(2), 155-161. PMID: 19723274
69. Stephens KE, Anderson H, **Carey MG**, Pelter MM (2007). Interpreting 12-lead Electrocardiograms for Acute ST-Elevation Myocardial Infarction: What Nurses Know? *Journal of Cardiovascular Nursing*, 22(3), 186-93; quiz 194-195. PMID: 17545821

Changed last name to Carey

70. Pelter MM, **Adams MG**, Drew BJ (2003). Transient Myocardial Ischemia is an Independent Predictor of Adverse In-Hospital Outcomes in Patients with Acute Coronary Syndromes Treated in the Telemetry Unit. *Heart Lung*, 32(2), 71-78. PMID: 12734529

71. **Adams MG**, Caldwell MA, Stotts NA, Drew BJ (2003). Factors to Consider when Analyzing the 12-Lead ECG for Acute Myocardial Ischemia. *American Journal of Critical Care*, 12(1), 9-16; quiz 17-18. PMID: 12526232 (Dissertation)
72. **Adams MG** & Drew BJ (2002). Efficacy of 2 Strategies to Detect Body Position ST Segment Changes During Continuous 12-lead ECG Monitoring. *Journal of Electrocardiology*, 35(4), 193-200. PMID:12539117 (Dissertation)
73. Pelter MM, **Adams MG**, Drew BJ (2002). Association of Transient Ischemia with Adverse In-Hospital Outcomes for Angina Patient Treated in a Telemetry Unit or a Coronary Care Unit. *American Journal of Critical Care*, 11(4), 318-325. PMID: 12102432
74. Drew BJ, Pelter MM, **Adams MG** (2002). Frequency, Characteristics, and Clinical Significance of Transient ST Segment Elevation in Patients with Acute Coronary Syndromes. *European Heart Journal*, 23(12), 941-947. PMID: 12069448
75. Drew BJ, Pelter MM, Brodnick DE, Yadav AV, Dempel D, **Adams MG** (2002). Comparison of a New Reduced Lead Set with the Standard ECG for Diagnosing Cardiac Arrhythmias and Myocardial Ischemia. *Journal of Electrocardiology*, 35(4), 13-21. PMID: 12539095
76. Drew BJ & **Adams MG** (2001). Clinical Consequences of ST Segment Changes Caused by Body Position Mimicking Transient Myocardial Ischemia: Hazards of ST Segment Monitoring. *Journal of Electrocardiology*, 34(3), 261-264. PMID: 11455517
77. Lau KY, Wung SF, **Adams MG**, Zellner C, Drew BJ (1999). Frequency of Ischemia During Intracoronary Ultrasound in Women with and Without Coronary Artery Disease. *Critical Care Nurse*, 19(5), 48-56. PMID: 10808812
78. **Adams MG**, Pelter MM, Wung SF, Taylor CA, Drew BJ (1999). Frequency of Silent Myocardial Ischemia with 12-lead ST Segment Monitoring in the Coronary Care Unit: Are There Sex-Related Differences? *Heart & Lung*, 28(2), 81-86. PMID: 10076107
79. Drew BJ, Pelter MM, Wung SF, **Adams MG**, Taylor CA, Evans G, Foster E (1999). Accuracy of the EASI 12-Lead ECG compared to the Standard 12-Lead ECG for Diagnosing Multiple Cardiac Abnormalities. *Journal of Electrocardiology*, 32(Suppl):38-47. PMID: 10688301
80. Pelter MM, **Adams MG**, Wung SF, Paul SM, Drew BJ (1998). Peak Time of Occurrence of Myocardial Ischemia in the CCU. *American Journal of Critical Care*, 7(6), 411-7. PMID: 9805113
81. Drew BJ, Pelter MM, **Adams MG**, Wung SF, Chou TM, Wolfe CL (1998). 12 Lead vs Single-Lead Maximum ST-Segment Monitoring for Detecting Ongoing Ischemia in Patients with Unstable Coronary Syndromes. *American Journal of Critical Care*, 7(5), 355-63. PMID: 9740885
82. Drew BJ, Wung SF, **Adams MG**, Pelter MM (1998). Bedside Diagnosis of Myocardial Ischemia with ST Segment Monitoring Technology: Measurement Issues for Real-Time Clinical Decision Making and Trial Designs. *Journal of Electrocardiology*, 30(Suppl), 157-165. PMID: 9535494
83. **Adams MG** & Drew BJ (1997). Body Position Effects on the ECG: Implications for Ischemia Monitoring. *Journal of Electrocardiology*, 30(4), 285-291. PMID: 9375904
84. Drew BJ, **Adams MG**, McEldowney DK, Lau KY, Wung SF, Wolfe CL, Ports TA, Chou TM (1997). Frequency, Duration, Magnitude and Consequences of Myocardial Ischemia During Intracoronary Ultrasonography. *American Heart Journal*, 134(3), 474-478. PMID: 9327705
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Presentations, International

- 2021 Mobile ECG to Monitor HF Patients Post-Hospitalization and Prevent Re-Admission. European Heart Failure Congress.
- 2021 Annotation Protocol Designed to Improve VT Identification during In Hospital ECG, The International Society for Computerized Electrocardiology, Indian Wells, CA
- 2021 Characteristics on the Admission 12-Lead ECG Prognostic of Re-Infarction and Death among UA/NSTEMI Patients: A Protocol and Preliminary Results for a Systematic Review. The International Society for Computerized ECG.
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- 2019 Prolong QTc Interval is Associated with Poor Pulse Pressure during Exercise May Be a Proxy of Arterial Stiffness. The International Society for Computerized ECG, Atlantic Beach, FL
- 2018 C-Energy-X Study - Cardiovascular responses to ENERGY drinks in a healthy population during eXercise. The International Society for Computerized Electrocardiology, Park City, UT
- 2018 Relation between QRS-T Angle and BP Measures during Exercise Test; Predicting HRR Based on Depression, Sleep Quality and Vagal Tone; Exercise Recovery among Firefighters; and HRR and Cardiovascular Risk Factors among Firefighters; The International Society for Computerized Electrocardiology, Park City, UT
- 2018 ECG Characteristics of Patients Undergoing Endoscopy with Propofol; The International Society for Computerized Electrocardiology, Park City, UT
- 2017 Rochester Nursing Competence Theory, 28th International Nursing Research Congress, Dublin, Ireland
- 2016 Effectively Launching & Sustaining a Police Officer Wellness Program. The International Association of Chiefs of Police, San Diego, CA
- 2016 Recurrent Myocardial Ischemia & Symptoms are Precursors to Unplanned Transfer from Telemetry to the CCU. The International Society for Computerized ECG, Tucson, AZ
- 2016 Academic Librarians as Faculty in a Year Long Nursing Research Internship. Medical Librarian Association, Toronto, Canada
- 2015 Frequency, Characteristics & Consequences of Ischemia in NSTEMI & UA Patients; Invasive vs Conservative Treatment. The International Society for Computerized ECG, San Jose, CA
- 2015 The Clinical Utility of Ventricular Repolarization Dispersion for Real-Time Detection of Non-STEMI in ED. The International Society for Computerized Electrocardiology, San Jose, CA
- 2013 ECG Predictors of Mortality among Implantable Cardioverter-Defibrillator Candidates for the Primary Prevention of SCD, International Congress on Electrocardiology. Glasgow, Scotland
- 2013 A Brief Intervention to Promote Understanding of the Neurobiological Basis of Hazardous Alcohol Use. International Network for Alcohol and Other Drugs, Rome Italy
- 2010 Characteristics of the Standard 12-lead ECG in Professional Firefighters. Computers in Cardiology, Belfast, Ireland
- 2010 Quantification of physiologic regulation of ventricular repolarization. The International Society for Computerized Electrocardiology, Albuquerque, NM
- 2009 Computer versus Manual Calculations of the Spatial QRS-T Angle. The International Society for Computerized Electrocardiology, Palm City, FL
- 2008 Inter-rater Agreement in the Identification of Pathological Q Waves and QRS Complexes on the ECG. International Society for Computerized Electrocardiology, Riverside, CA
- 2007 Validation and User Manual Creation for Super ECG Program. The International Society for Computerized Electrocardiology, Cancun, Mexico
- 2005 Identifying ECG Markers of Sudden Cardiac Death. 16th International Nursing Research Congress, Sigma Theta Tau, Kauai, HI
- 2005 Electrocardiographic Risk Stratification of Sudden Cardiac Death. The International Society for Computerized Electrocardiology, Kauai, HI

- 2005 Association of Sustained Ventricular Arrhythmias with Transient Myocardial Ischemia in Patients Hospitalized with Acute Coronary Syndrome. The International Society for Computerized ECG, Kauai, HI
- 2003 Detection of Ischemia Using ST and T-wave Vector Magnitude and Angle. The International Society for Computerized ECG, Salt Lake City, UT
- 2002 Methods to Distinguish Positional from Ischemic ECG Changes using Vector Changes in Magnitude and Angle over Segments of the QRS, ST and the T Wave. The International Society for Computerized Electrocardiology, Amsterdam, The Netherlands
- 2002 Comparison of a 12-lead ECG Constructed from Frontal & Chest Leads with the Standard ECG for Diagnosing Arrhythmias & Ischemia. The International Society for Computerized Electrocardiology, Amsterdam, The Netherlands
- 2002 Efficacy of 2 Strategies to Detect Body Position ST Segment during Continuous 12-lead ECG Monitoring. The International Society for Computerized ECG, Amsterdam, The Netherlands
- 2001 Acute ischemia in the BSPM Estimated from Standard Leads than in the Standard 12-lead ECG alone. The International Society for Computerized ECG, Yosemite National Park, CA
- 2001 Evaluation of a Website Electrocardiogram Training Program. The International Society for Computerized Electrocardiology, Amelia Island, FL
- 2001 A Novel Approach to Identify False Positives due to Body Position Changes during ST Segment Monitoring. The International Society for Computerized ECG. Amelia Island, FL
- 1996 Body Position Effects on the Electrocardiogram: Implications for Ischemia Monitoring. International Society for Computerized Electrocardiography. Chandler, AZ

Presentations, National

- 2021 Advanced Practice Providers Should Interpret 12-lead ECGs. AACN's Faculty Practice Conference, Virtual
- 2020 Unplanned Re-Hospitalization Among Older Persons Results in Loss of their Independence. Gerontological Society of America 2020 Scientific Meeting. Philadelphia, PA.
- 2019 ECG Characteristics Associated with Complications after Intervention among UA/NSTEMI Patients with Transient Myocardial Ischemia, American Heart Association Scientific Sessions, Philadelphia, PA
- 2019 Female Urinal AquaEve™ Among Hospitalized Women. Northeast Region Wound, Ostomy and Continence Nurses Society Annual Conference. Hershey, PA.
- 2019 ECG Markers Associated with Complications after Intervention among Unstable Angina or Non-ST Elevation Myocardial Infarction Patients with Transient Myocardial Ischemia. American Heart Association Scientific Sessions, Dallas, TX
- 2018 Language of the Heart: Revising Consent for Improved LVAD Outcomes, American Society for Artificial Internal Organs, Washington, DC
- 2017 The History of Men in Nursing. American Academy of Nursing's 2017 Transforming Health, Driving Policy Conference, Washington, DC
- 2017 Hospital-Based Research Nurse Internships, Advanced Methods Section, Council for the Advancement of Nursing Science, Washington, DC
- 2017 Integrating Evidence Based Practice into Academic Programs. Helene Fuld Health Trust National Institute for EBP Summit, Columbus, OH
- 2017 Navigating the Path to Evidence Based Practice Nursing Leading the Way. Professional Nursing Educator Group, Pittsburgh, PA
- 2017 Hospital-Based Research Nurse Internships, New York Organization of Nurse Executive Leaders, Tarrytown, NY
- 2015 Skin Integrity Preserved Using a Nurse-Constructed Silicone Adhesive Foley Catheter Securement Device: A Pilot Study, San Antonio, TX*
- 2015 Transitioning to the Supine Position in Hospitalized Premature Infants. 12th National Advanced Practice Neonatal Nurses Conference, Chicago, IL
- 2014 A Quiet Firehouse: Reducing the Cardiovascular Burden of On-Duty Firefighters by Improving Sleep Quality. The Council of the Advancement of Nursing, Washington, DC

- 2014 Ischemic Burden Measured with Continuous 12- Lead Electrocardiogram Comparing Aggressive to Conservative Treatment in Non ST Elevation Myocardial Infarction/Unstable Angina The Council of the Advancement of Nursing, Washington, DC
- 2014 Relationship of Family Caregivers' Perception of Patients' Health Status and Time to Hospitalization for Worsening Heart Failure. 18th Annual Scientific Meeting of the Heart Failure Society of America, Las Vegas, NV
- 2014 Myocardial Ischemia & Invasive Treatment Predict In-hospital Complications in NonSTEMI & UA Patients. Society for Critical Care Medicine, Critical Care Congress, San Francisco, CA
- 2013 The Prognostic Value of Positive T waves in Lead aVR: A Simple Risk Marker of Sudden and Non-Sudden Cardiac Death in Patients with Ischemic Cardiomyopathy and Poor Left Ventricular Ejection Fraction. American Heart Association Scientific Sessions, Dallas, TX
- 2013 ECG Predictors of Mortality among Implantable Cardioverter-Defibrillator Candidates for the Primary Prevention of Sudden Cardiac Death. American College of Cardiology, San Fran, CA
- 2011 Challenging Arrhythmias: A Case-Based Approach. American Heart Association, Scientific Session. Orlando, FL
- 2010 Tackling Challenging Arrhythmias using Evidence Based Knowledge. American Heart Association, Scientific Session, Chicago, IL
- 2010 Rewards and Challenges of a Mentor-Mentee Relationship. American Heart Association, Scientific Session, Chicago, IL
- 2010 Reducing metabolic syndrome among professional firefighters with a low-glycemic nutritional fitness program. The Council of the Advancement of Nursing, Washington, DC
- 2010 Sleep Quality and Sleep Patterns of On-Duty Professional Firefighters. SLEEP 2010 24th Annual Meeting of the Associated Professional Sleep Societies, San Antonio, TX
- 2009 Sudden Cardiac Death: Noninvasive Risk-Stratification Techniques for Identifying Patients at Risk. American Heart Association, Scientific Session, Orlando, LA
- 2008 Feasibility of obtaining high resolution 12-lead electrocardiograms of on-duty professional firefighters. The Council of the Advancement of Nursing, Washington, DC
- 2007 The presence of Q waves, QRS fragmentation or QRS duration does not correlate with scar volume in patients with ischemic cardiomyopathy. American Heart Association, Scientific Session, Orlando, FL
- 2006 Characteristics of the 12-lead Holter ECG in Patients with LV Failure. American Heart Association, Scientific Session, Chicago, IL
- 2004 How to Optimize ECG Monitoring of Patients in Hospital Settings. American Heart Association, Scientific Session, New Orleans, LA
- 2001 Evaluating the effectiveness of an educational strategy in ECG interpretation. American Association of Critical Care National Teaching Institute, Anaheim, CA
- 2000 Frequency, Characteristics, and Clinical Significance of Transient St Elevation in Patients with Acute Coronary Syndromes. American Heart Association, Scientific Session, Chicago, IL
- 1997 Frequency of Silent Ischemia in the Coronary Care Unit: Are There Gender Differences? American Heart Association, Scientific Session, Orlando, FL
- 1996 Peak Time of Occurrence of Myocardial Ischemia in the Coronary Care Unit. American Association of Critical Care, National Teaching Institute, Orlando, FL
- 1996 ST Segment Shifts Due to Body Position Changes Are Infrequent in Patients With Heart Disease. American Association of Critical Care National Teaching Institute, Orlando, FL
- 1994 Accurate Cardiac Monitoring: Strategy for Improving Clinical Practice. American Heart Association Scientific Sessions, Atlanta, GA
- *Won first place at National Pressure Ulcer Advisory Panel Competition

Presentations, Regional

- 2021 Creating a Pro-Sleep Culture among Nurses, 4th Annual Wilmot Cancer Institute, University of Rochester, NY
- 2020 Clinical Nursing Research Center: An Academic-Practice Partnership, SON Alumni Lunch & Learn, University of Rochester, NY

- 2019 Burden of CV Disease in Firefighters and Prevention Strategies, Occupational and Environmental Medicine Grand Rounds, University of Rochester, NY
- 2018 A Narrative Review of the Definition of Abnormal Heart Rate Recovery, 30th Annual Eastern Nursing Research Sessions, Newark, NJ
- 2017 Revising Patient Consents for Improved Left Ventricular Assist Device Outcomes. The 8th Annual NY Presbyterian Nursing Research, Evidence-Based Practice & Innovation Symposium, New York, NY
- 2017 So, You Want to Publish? Tips, Tools and Techniques for Identifying and Choosing the Right Publication. Faculty Development Workshop, University of Rochester, Rochester, NY
- 2016 Cardiovascular Burden: We Only Have So Many Heartbeats. The Highlands at Pittsford Nursing Home, Rochester NY
- 2016 Frequency, Characteristics & Consequences of Ischemia using 12-lead ECG Holter in Non-STEMI & Unstable Angina Patients Comparing Invasive to Conservative Treatment. Strong Memorial Hospital, Rochester, NY
- 2015 Showcasing Research Studies Conducted by Strong Memorial Nursing Practice. Family Roundtable, Strong Memorial Hospital, Rochester, NY
- 2015 Writing Abstracts. Professional Nursing Council Education Series, Strong Memorial Hospital, Rochester, NY
- 2015 NIH Center for Scientific Review Webinars: How to Get the Most of Viewing Webinars for NIH Grants (R15 & R01). Research and Innovation Rounds, University of Rochester School of Nursing, Rochester, NY
- 2014 A Quiet Firehouse: Reducing the Cardiovascular Burden of On-Duty Firefighters by Improving Sleep Quality. Eastern Nursing Research Society, Philadelphia, PA
- 2014 Ischemic Burden Measured with Continuous 12- Lead Electrocardiogram Comparing Aggressive to Conservative Treatment in Non ST Elevation Myocardial Infarction/Unstable Angina. Eastern Nursing Research Society, Philadelphia, PA
- 2014 Implementing the AAP 2011 Safe to Sleep Recommendations for Infants. Children's Hospital of Pittsburgh Pediatric Conference, Pittsburgh, PA
- 2014 Men in Nursing. Men in Nursing Council & Creating Diversity in Nursing Council in the Professional Nursing Practice Model, Celebrate Diversity at University of Rochester, NY
- 2014 Hospital Wide Infant Safe Sleep Initiative. New York State, Perinatal Association, Albany, NY
- 2014 Creating Diversity in Nursing Council in the Professional Nursing Practice Model, Fifth Annual Diversity Conference. Our Differences, Our Strength. University of Rochester, Rochester NY
- 2014 A Review of Family Studies Conducted by Strong Memorial Nursing Practice. Family Round Table Discussion, Strong Memorial Hospital, Rochester, NY
- 2014 Challenging Cardiac Arrhythmias: A Case-Based, Evidenced-Based Approach. Post Anesthesia Care Unit, Strong Memorial Hospital, Rochester, NY
- 2013 Writing a Project Abstract. Nursing Leadership Internship, Strong Memorial Hospital, Rochester, NY
- 2013 12 Lead ECG Overview Rhythm & Ischemia Interpretation. 3-1800 Burn/Trauma ICU Nursing Education Day, Strong Memorial Hospital, Rochester, NY
- 2013 Challenging Arrhythmias: A Case-based Approach. New England Assembly of Nurse Anesthetists Research Day, Woodstock, VT, Keynote
- 2013 A Low-Glycemic Nutritional Fitness Program to Reverse Metabolic Syndrome in Professional Firefighters: Results of a Pilot Study. New England Assembly of Nurse Anesthetists Research Day, Woodstock. VT, Keynote
- 2013 An Overview and Preparing for an IRB Audit. Research Hour, School of Nursing, University of Rochester, Rochester, NY
- 2013 Cardiac Case Studies: Acute Myocardial Infarction & Congestive Heart Failure. The Johns Hopkins, Acute and Chronic Care Department, Baltimore, MD
- 2013 Challenging Cardiac Arrhythmias: A Case-Based, Evidenced-Based Approach. Research Day. St Joseph's Hospital, Syracuse, NY

- 2013 Critically Reviewing the Evidence. Leadership Development Series, Strong Memorial Hospital, Rochester, NY
- 2013 Men in Nursing. Men in Nursing Council, Strong Memorial Hospital, Rochester, NY
- 2013 Challenging Cardiac Arrhythmias: A Case-Based, Evidenced-Based Approach. Critical Care Symposium, Strong Memorial Hospital, Rochester, NY
- 2013 Using the ECG for Detecting Acute Coronary Syndromes. Nursing Grand Rounds, Bassett Hospital, Cooperstown, NY
- 2013 Joining Forces with the American Assembly for Men in Nursing. Professional Nursing Council Education Series, Strong Memorial Hospital, Rochester, NY
- 2013 Men in Nursing. Fourth Annual Diversity Conference, Our Differences, Our Strength. University of Rochester, Rochester NY
- 2012 Moving the Bar: Designing an R01 Grant Based on the SAFFE Results (R21). School of Nursing, University at Buffalo, SUNY, Buffalo, NY
- 2012 Improving the Diagnostic and Predictive Value of the Electrocardiogram: A Program of Research. University of Rochester, School of Nursing, NY
- 2012 Perspectives on Translational Teamwork. A Panel Discussion Core Curriculum/Seminar Series for the Buffalo Translational Consortium. Roswell Park Cancer Institute, Buffalo, NY
- 2011 Results from SAFFE & SAFFE Study. Department of Social & Preventive Medicine, University at Buffalo, SUNY, Buffalo, NY
- 2011 Preparing your Dossier; A Perspective from Advancement, Placement and Promotion. School of Nursing, University at Buffalo, SUNY, Buffalo, NY
- 2011 First Annual Jack Bisantz Memorial Lecture on Occupational Safety and Health, for the School of Industrial and Systems Engineering, University at Buffalo, SUNY, Buffalo, NY
- 2011 Results from SAFFE Study. School of Nursing, University at Buffalo, SUNY, Buffalo, NY
- 2011 Grant Writing and the Review Process. Faculty Brown Bag, University at Buffalo, SUNY, Buffalo, NY
- 2010 Designing a Mental Stress Protocol to Induce Myocardial Ischemia. School of Medicine, University at Buffalo, SUNY, Buffalo, NY
- 2009 Sudden Cardiac Death: Noninvasive Risk-Stratification Techniques for Identifying Patients at Risk. School of Medicine, University at Buffalo, SUNY, Buffalo, NY
- 2008 Assessment of Habitual Dietary Intake of Firefighters: a Pilot Study. School of Public Health, Youngstown State University, Youngstown, OH
- 2007 Feasibility of Obtaining High Quality ECGs and Oxygen Consumption of Firefighters. School of Nursing, University at Buffalo, SUNY, Buffalo, NY
- 2007 Reducing Metabolic Syndrome among Professional Firefighters with a Low-Glycemic Nutritional Fitness Program. School of Nursing, University at Buffalo, SUNY, Buffalo, NY
- 2007 Designing a Pilot Study for Monitoring ECGs on Firefighters While on Duty. School of Nursing, University at Buffalo, Buffalo, NY
- 2006 Translational Research: Analyzing Swine ECGs. School of Nursing, University at Buffalo, Buffalo, NY
- 2005 Is Total Ischemic Burden Predictive of Sudden Cardiac Death? School of Medicine, University at Buffalo, Buffalo, NY
- 2004 Maintaining a Healthy Heart. Universal School, Getzville, NY
- 2004 Launching a Cardiovascular Lab. School of Nursing, University at Buffalo, Buffalo, NY
- 2004 Do Automatic External Defibrillators Really Save Lives? World Lecture Series, University at Buffalo, Buffalo, NY
- 2001 Helpful Hints: Distinguishing Between Non-Cardiac from Cardiac Chest Pain. Annual Medical Surgical Conference, San Francisco, CA
- 2001 ST Segment Monitoring. 1st Annual Advanced Practice Critical Care Symposium Hospital Consortium Education Network, San Francisco, CA
- 2001 Update in Electrocardiography. Small Group ECG Session, Department of Medicine, University of California, San Francisco, CA

1998 Detection of Silent Ischemia with ST Segment Monitoring in the Coronary Care Unit. Annual Graduate Student Association Career & Research Day, University of California, San Francisco, CA

TEACHING

School of Nursing, University of Rochester, Rochester, NY

NUR591 Reading Course/Independent Study at the Doctoral Level (3 credits), 2015-current
 NUR401 Master's, Writing Workshop (1 credit), 2018
 NUR507 Doctorate, Critical Appraisal and Synthesis of the Literature (3 credits), 2015-2019
 NLX481 Doctorate, Ethics and Subject Recruitment and Protection (3 credits), 2013-2019
 PhD Doctorate, Qualifying Exams, 2013-current
 NUR301 Graduate, APNN Program, Research Course; Guest Lecture, 2015
 NUR318 Undergraduate, Cardiac Pathogenesis and ECG Interpretation: Guest Lecture, 2013-2014

School of Nursing, University at Buffalo, SUNY

N694 Quantitative Research Methods* (3 credits): Fall 2010, 2011, 2012
 N692 Seminar in Grantmanship* (1 credit): Fall 2011
 N505 DNP Bridge Pathophysiology, online (2 credits): Spring 2011 - Fall 2012
 N527 Evaluating Research Evidence* (4 credits): Fall 2010
 N702 Dissertation Seminar* (1 credit): Fall 2010
 N373 Undergrad Clinical, non-acute (1 credit): Spring 2010
 N527 Health Promotion (3 credits): Fall 2009
 N505 Adult Pathophysiology (4 credits): Spring 2009 (60 students)
 N518 Health Promotion (2 credits): Fall 2002 – 2012
 N400 Adult Electrocardiography (1 credit): Fall 2002 – 2012
 N401 Masters Comprehensive Exam (1 credit): Fall 2003 – Spring 2005
 N512 Statistical Research (4 credits): Fall 2003 – Spring 2005 (28–52 students)
 N478L Med/Surg UG Clinical, acute (4 credits): Spring 2004
 N608 Clinical Specialist Practicum (3 credits): Spring 2004
 N607 Clinical Specialist Practicum (3 credits): Falls 2003
 N348 Applied Scientific Inquiry (3 credits): Spring 2002
 *synchronous distance learning after 2010

School of Medicine, University at Buffalo, SUNY

M108 Injection Workshop (1 credit): Fall 2003 – 2013

School of Nursing, San Francisco State University (SFSU)

N223 Medical/Surgical Clinical (8 credits): Spring 2000-Fall 2001
 N441 Graduate Nursing Practicum (4 credits): Fall 1998, 1999, 2000

Nursing Education, University of California, San Francisco (UCSF), 1998-2001

- Critical Care Training Program, 6 hours
- Basic, Intermediate and Advanced Electrocardiography, 6 hours
- Advanced Cardiac Life Support Update, 4 hours
- Emergency Skills Update, 8 hours
- Update on Pacemakers, 4 hours
- Pharmacological Management of Acute Coronary Syndrome, 4 hours
- Pharmacological Management of Arrhythmias, 8 hours
- Basics of Telemetry Monitoring, 8 hours
- Importance of ST Segment Monitoring, 8 hours

Guest Teaching

N715	Doctorate, Nursing Research, St. John Fisher College, Rochester, NY: 2009-current
NLX 476	CNL, Analyzing, and Interpreting Data, University of Rochester, NY; 2015- current
N560	The Role of the Clinical Researcher, University of Rochester, NY; 2015- current
N556	Adult NP Assessment, St. John Fisher College, Rochester, NY: Spring 2005-2015
N701	State of the Science, University at Buffalo, Buffalo, NY: Fall 2004-Spring 2009
N512	Multiple Regression, University at Buffalo, Buffalo, NY: Spring 2006
N228	Acute Coronary Syndromes, University of California, San Francisco, CA: 2002-2004
N144	MEPN: Adult Medical, University of California, San Francisco, CA: 2002- 2004
	Nurse Student Association: NCLEX ECG, San Francisco State University, CA, 999
N600	Pharm: Acute Coronary, San Francisco State University, CA, 1999

MENTORSHIP**National**

2018-current Mentor, American Nurses Association

Post-Doctoral, Junior Faculty, Resident and Fellow

2018-2020	Elizabeth A. Kiss DNP-BC, FNP, BS-RN, St. John Fisher College, Rochester
2012-2018	Sherri L. McMullen PhD, RN, Upstate Medical School of Nursing, Syracuse, NY
2012-2018	John E. Edlund, PhD, Rochester Institute of Technology, Rochester, NY
2012-2017	Ying Peng RN, MS, Zhejiang Shuren University, China
2015-2016	Van Kee Lin PhD, RN, University of Rochester, Rochester, NY
2015-2016	Mina Attin PhD, RN, University of Rochester, Rochester, NY
2013-2014	Salah Al-Zaiti PhD, RN University of Pittsburgh, Pittsburgh, PA
2007-2012	Grzegorz M Pietrasik MD, University at Buffalo School of Medicine, Buffalo, NY
2007-2010	Marc Veneziano MD, University at Buffalo School of Medicine, Buffalo, NY
2008-2010	Jason Choi MD, University at Buffalo School of Medicine, Buffalo, NY

PhD Doctoral Program Dissertations, Major Advisor

2020-current	Sunita Pokhrel Bhattarai, University of Rochester, Rochester, NY <i>The Prevalence of High Risk ECG Markers among Patients with HF Exacerbation</i>
2017-current	Dillon Dzikowicz, University of Rochester, Rochester, NY <i>Total Ischemic Burden Tool to Risk Stratify Non-ST Elevation Myocardial Infarction Based on an Occluded Artery</i>
2019-2020	Tracy Donaldson, University of Rochester, Rochester, NY <i>Enhanced Recovery after Surgery</i>
2015-2017	Yu-Ching Chuang, University of Rochester, Rochester, NY <i>Exercise Stress Test Recovery among Firefighters</i>
2013-2019	Mercedes E. Weir, Virginia University, School of Nursing, Richmond, VA <i>ECG Characteristics Burden among Endoscopy Patients Receiving Deep Sedation</i>
2010-2014	Limei Liao, University at Buffalo School of Nursing, Buffalo, NY <i>Cardiorespiratory Fitness is Positively Associated with Heart Rate Variability among Male Firefighters</i>
2009-2013	Sherri McMullen, University at Buffalo School of Nursing, Buffalo, NY <i>Predicting Transition to the Supine Sleep Position in Preterm Infants</i>
2008-2013	Salah Al-Zaiti, University at Buffalo School of Nursing, Buffalo, NY <i>ECG-Based Predictors: A Meta-Analysis, Prognostic Value, Ventricular Repolarization</i>
2008-2010	Rachel Butler, University at Buffalo School of Nursing, Buffalo, NY <i>ECG Characteristics among Firefighters</i>
2006-2008	Magdalene Tukov, University at Buffalo School of Nursing, Buffalo, NY <i>Clinical Nurses' Capacity to Read Bedside ECGs vs 12-lead ECGS</i>
2005-2009	Fadi Khraim, University at Buffalo School of Nursing, Buffalo, NY

- 2005-2006 *Patient-surrogate Agreement of Predictors of Decision Delay among Patients with Acute Myocardial Infarction: A Questionnaire Survey*
David Pickham, University at Buffalo School of Nursing, Buffalo, NY
- 2004-2005 *Pre-participation Screening for Athletes and the role of Advanced Practice Providers*
Erika Stewart, University at Buffalo School of Nursing, Buffalo, NY
- 2004-2005 *Community Nurses' Cardiovascular Assessment Skills*
Deborah Wydysh, University at Buffalo School of Nursing, Buffalo, NY
- 2004-2005 *Pre-Hospital Transmission of 12-lead ECGs*

PhD & DNP Doctoral Program Dissertations, Committee Member

- 2021-current Brandon W. Qualls, MPA, Warner Graduate School, Education and Human Development, University of Rochester, Rochester, NY
RAIN: A Retrospective Assessment of the Impact on NICU Babies of the Ronald McDonalds House of Charities Services on the Mother-Infant Dyad
- 2020-current Wendy Allen-Thompson, Rush University, College of Nursing, Chicago, IL
Transformational Leadership in Emergency Nursing
- 2020-current Alma McKee, Roberts Wesleyan College, Rochester, NY
Spirituality among Emergency Department Nurses
- 2018-current Lawrence Brumfield, St John Fischer School of Nursing, Rochester, NY
Occupational Firefighting: The Detriment to Good Health
- 2018-2020 David Lent, School of Nursing, University of Rochester, Rochester, NY
Optimizing Hospital Rapid Response Activation

Master's Degree Program, Major Advisor

- 2009-2011 Brendan Heavey, University at Buffalo, Public Health
- 2009-2010 Limei Liao, University at Buffalo School of Nursing, Buffalo, NY
- 2006-2007 Diana Chaddock, University at Buffalo School of Nursing, Buffalo, NY
- 2003-2004 Soheila Bayani, University at Buffalo School of Nursing, Buffalo, NY
- 2003-2004 Mercedes Weir, University at Buffalo School of Nursing, Buffalo, NY
- 2001-2002 Arlene Sardo, University at Buffalo School of Nursing, Buffalo, NY

Undergraduate, Honor's Advisor

- 2020-current Lacey Marclay, Thesis (BPhil), SON, University of Pittsburgh, PA
- 2019-2021 Abhisesh Acharya, AS&E, University of Rochester, Rochester, NY
- 2018-2020 Minji Kwon, AS&E, University of Rochester, Rochester, NY
- 2012-2014 Christine Cocoran, University at Buffalo Honor's Thesis, Buffalo, NY
- 2009-2012 Kristen Runco, University at Buffalo Honor's Thesis, Buffalo, NY
- 2009-2012 Stefanie Walsh, University at Buffalo Honor's Thesis, Buffalo, NY
- 2008-2010 Heather Martin, University at Buffalo Honor's Thesis, Buffalo, NY
- 2007-2008 Joshua Thomas, University at Buffalo Honor's Thesis, Buffalo, NY

High School Students, President Obama's National Lab Day

- 2010-2011 Charlene Takacs, Mt. Mercy Academy, Buffalo NY
- 2010-2011 Maureen Hoag, Hamburg High School, NY

Strong Memorial Hospital

- 2012- current Clinical Nurses, Hospital Based Nursing Research Internship, Rochester, NY

PROFESSIONAL SERVICE

Manuscript Reviewer

2014-current Research in Nursing & Health
 2014-2020 Substance Abuse Journal
 2000-current Editorial Board Member, Journal of Electrocardiology
 2011-current International Journal of Nursing Studies
 2004-current American Journal of Critical Care
 2000-current Journal of Cardiovascular Nursing
 2000-current European Journal of Cardiovascular Nursing
 2002-2005 Journal of Biomedical Engineering

Service, International

2021-current Co-Chair, Young Investigator Competition, International Society for Computerized ECG
 2015-2020 Member, Nominating Committee, International Society for Computerized ECG
 2015-2020 Member, FDA & International Society for Computerized ECG Trustees Group
 2010-2020 Chair, Young Investigator Competition, International Society for Computerized ECG
 2010-2017 Secretary, International Society for Computerized Electrocardiography
 2004-2010 Judge, Young Investigator Competition, International Society for Computerized ECG
 2006-current Abstract Reviewer, International Society for Computerized Electrocardiography

Service, National

2021 Abstract Reviewer, American Academy of Nursing
 2020 Reviewer, AACN, Doctoral Education Conference
 2018-2020 Mentor, American Nurses' Association Mentorship Program
 2014-2016 Guest Editor, Critical Care Clinics, Cardiac Dysrhythmias
 2009 Reviewer, Research Abstract Review Panel, Am Association of Critical Care Nurses
 2009 Reviewer, Research Grant Review Panel, Am Association of Critical Care Nurses
 2007 Reviewer, Circle of Excellence Awards, American Association of Critical Care Nurses
 2006-current Abstract Reviewer, American Heart Association Scientific Sessions
 2006-2012 Co-Editor, American Heart Association: Council on Cardiovascular Nursing Newsletter
 2005 Panel Member, National Teaching Institute Practice Standards for ECG
 2004 Monitoring in Hospital Settings, American Association of Critical Care Nurses
 2002 Committee Member, Awards Selection Pool, American Heart Association
 2001 Reviewer, atheart.com, ECG Training and Certification Program
 2000 American Heart Association, Heart Walk
 2000 President (elected), Board of Directors, Am Assoc of Critical Care, San Francisco
 2000 Reviewer, National Critical Care Curriculum, Am Association of Critical Care Nurses
 2003-2010 Member, American Heart Association, Northeast Affiliate
 1996-1998 Panel Member, ST Segment Monitoring Guidelines, American Heart Association

Service, Local

2021-current Member (elected), Nominating Committee, FL Organization for Nursing Leaders
 2020-current Member, Medical Advisory Board, Ronald McDonald House Charities, Rochester NY
 2020-current Board Member, Rochester Academy of Medicine
 2019-current Member, Rochester Academy of Medicine Awards Committee
 2014-2018 Member, American Heart Association, Western NY

Service, University of Rochester, Rochester, NY

2020-current Member, Faculty Grievance Committees, Committee on Tenure and Privileges
 2020-current Member, Diversity in Faculty Recruitment Taskforce
 2020-current Member, Interventional COVID Trials Working Group
 2020-current Member, Research and Sciences Advisory Council

2020-current Member, Medical Center Command Center
 2020-current Member, Faculty Senator's Human Resources Committee
 2020-current Member, Board of Trustee's, Health Affairs Committee
 2019-2020 Member, University Academic Affairs Committee
 2019-current Member, Faculty Senator
 2018-current Member, Population Health Coordinating Committee
 2017-2020 Member, Commission on Women and Gender Equity in Academia
 2017-2019 Chair, Work & Family Life Policies Working Group
 2015-2017 Member, University-Wide Faculty Development Network

Service, School of Nursing, University of Rochester, Rochester, NY

2021-current Member, Faculty Governance
 202-current Reviewer, Research Support Grants
 2019-current Chair, Faculty Search Committee
 2017-current Member, Research Council
 2018-current Member, Academic Appointment, Promotion and Tenure (AAPT) Committee
 2018-current Member, Tenure Track Committee
 2016-2018 Chair, Academic Appointment, Promotion and Tenure (AAPT) Committee
 2016-2017 Member, PhD Program Faculty ad hoc Writing Task Force
 2014-current Member, Strategic Planning Advisory Council (SPAC)
 2013-current Co-Coordinator, Research School Grand Rounds
 2013-2016 Member (and Interim Chair), Faculty Search Committee
 2012-2017 Co-Chair, Research Council
 2012-2016 Member, Academic Appointment, Promotion and Tenure (AAPT) Committee
 2012-current Member, Center Research Evidence Based Practice Executive Committee
 2012-2013 Member, Doctoral Sub-Committee

Service, Strong Memorial Hospital, University of Rochester, Rochester, NY

2020-2021 Manager, Pandemic Triage Team, Nursing Liaison
 2020-2021 Member, Protocol Assurance Committee, Ventilator Allocation COVID-19
 2020-current Member, Medical Center Quality Institute
 2020-current Member, Information System Development, Hospital Research & Science Council
 2020-current Participant, Philanthropy Champions
 2019-current Member, Nurse Residency Program Advisory Council
 2018-current Member, Nurses Improving Care for Elders, NICHE Steering Committee
 2018-current Member, Research Roundtable, Wilmot Cancer Center
 2018-current Member, Research Ambassador Program, Neonatal Intensive Care
 2015-2016 Co-Chair, Grants Committee Medical Center Insurance Company
 2013-current Member, Nursing Policy Management Team
 2012-current Council Advisor, Research & Evidence Based Practice Council
 2012-current Member, Nursing Practice Executive Council
 2012-2016 Member, Sovie Institute Executive Board for Advanced Practice Nurses
 2012-current Member, Advisory Committee to the Professional Nursing Council
 2012-current Member, Professional Nursing Council
 2012-current Member, Nursing Practice Quality & Safety Steering Council
 2012-current Member, Strong Memorial Hospital Department Heads Executive Committee
 2012-2015 Member, Magnet Steering Committee
 2012-2015 Member, Advisory Board to RNHELP Study
 2013-2015 Member, Grants Committee Medical Center Insurance Company (MCIC)

Service, University at Buffalo, Buffalo, NY

2011-2013 Senator, Faculty Senate & Faculty Executive Senate
 2009-2013 Judge, Annual Sigma Xi Student Research Competition

2011 Member, Dean Review, School of Medicine
 2005 Search Committee Member, Vice President for Health Sciences

Service, University at Buffalo, School of Nursing, Buffalo, NY

2013 Chair, Appointment, Promotion and Tenure (APT) Committee
 2011-2013 Member, Appointment, Promotion and Tenure (APT) Committee
 2011-2013 Chair, Post Hoc Sub-Committee on Research Curriculum
 2011 Member, Post Hoc Sub-Committee on Leadership Curriculum
 2011 Member, Faculty Advisory Council to the Dean
 2010 Reviewer, Shriley D. DeVoe Nursing Research Support Fund
 2010 Under Grad Evidence Base Practice Course Task Force
 2010 Reviewer, Research and Garman Fund
 2009 Alternative Chair, Faculty Advisory Council to the Dean
 2008 Chair, Doctoral Committee
 2007 Chair, BS-PhD Curriculum Committee
 2007 Reviewer, Research and Garman Fund
 2007-2011 Editor, Newsletter, Sigma Theta Tau, Gamma Kappa, University at Buffalo
 2007-2008 Member, Doctoral Committee
 2005-2011 Member, Graduate Faculty Committee
 2006-2007 Member, Academic Integrity Appeal Committee
 2006 Board of Directors, Sigma Theta Tau, Gamma Kappa Chapter
 2005 Reviewer, Research and Garman Fund
 2005-2006 President Elect & President (elected), Sigma Theta Tau, Gamma Kappa

Service, University of California, San Francisco and State University, CA

2001 Panelist, Summer Scholars Program, San Francisco State University
 2000 Faculty Representative, Sneak Preview Day, San Francisco State University
 1998 Chair, Community of Scholars, University of California, San Francisco
 1997-1998 Chair, Doctoral Student Orientation, University of California, San Francisco
 1997 Student Representative, Nursing Recruitment Forum, University of California
 1997 Co-Chair, Annual Community of Scholars, University of California, San Francisco
 1996-1998 Student Representative, Doctoral Planning, University of California, San Francisco
 1995-2001 Member, Students Interested in Research in ECG, University of Cal, San Francisco

Professional Memberships

2018-current European Society of Cardiology
 2015-current New York Organization of Nurse Executives & Leaders
 2013-current Western NY Chapter of the National Association of Clinical Nurse Specialist
 1991-current International Society for Computerized Electrocardiography
 1991-current American Heart Association, Council on Cardiovascular Nursing
 1991-current Sigma Theta Tau International, Alpha Eta Chapter & Epsilon Xi
 1989-current New York State Nurses Association
 2013-2014 Eastern Nursing Research Society
 1989-2012 American Nurses Association
 2009-2010 National League for Nursing
 2008-2010 Council of the Advancement of Nursing
 1991-2010 American Association of Critical Care Nurses, San Francisco Chapter
 1991-2003 California Nurses Association

Licensures

Registered Nurse, NY
 Clinical Nurse Specialist, CA

Certifications

National Incident Management System
Evidence-Based Design Accreditation & Certification
The NYS Citizen Public Health Leader Training Program
CITI Program: Research, Ethics, and Compliance Training

Community Volunteer

2021-current Volunteer, Our Lady of Mercy Crew Team, Corporate Sponsorships, Rochester NY
2016-current Grant Writer, Ronald McDonald House, Rochester NY
2016-current Driver, Our Lady of Mercy Westside Carpool, Rochester NY
2016-2020 Member, Launching & Sustaining a Fire Officer Wellness Program, Buffalo NY
2011-2016 Member, Friends of Evangola State Park, NY
2011-2016 Grant Writer, Blessed John Paul Parish, Derby, NY
2002-2005 Member, Lake Erie Beach Volunteer Fire Department, NY
1999-2000 St. Ignatius Food Drive, San Francisco, CA