

Karen M. Vuckovic, PhD, APRN, ACNS-BC, FAHA
CURRICULUM VITAE

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PROFESSIONAL EDUCATION

2013 PhD, Nursing Science, University of Illinois at Chicago, College of Nursing
1995 Master's in Science, Northern Illinois University DeKalb, IL
1981 Bachelors of Science in Nursing, Creighton University, Omaha, NE
1979 Bachelors in Biology, University of Illinois, Champaign-Urbana, IL

PROFESSIONAL EXPERIENCE

2004-present Advanced Practice Nurse, University of Illinois Hospital & Health Systems at Chicago, Heart Failure Program, Outpatient Services.
2000-2004 Advanced Practice Nurse, Department of Cardiology Heart Failure Program, Evanston Northwestern Healthcare System, Evanston, IL.
1998-2000 Clinical Nurse Specialist, Critical Care and Cardiology, Department of Nursing, Evanston Northwestern Healthcare, Evanston IL.
1993-1998 Clinical Practitioner Educator, Department of Nursing Education and Development, Evanston Northwestern Healthcare, Evanston, IL.
1900-1992 Instructor, Health Care Curriculum, Wright Junior College, Chicago, IL.
1981-1993 Staff Nurse Level IV Clinician and Educator, Intensive/Coronary Care Unit, Holy Family Hospital, Des Plaines, IL.

ACADEMIC APPOINTMENTS

2016-present Adjunct Faculty, Division of Cardiology, University of Illinois at Chicago, College of Medicine.
2/2015-12/2015 Adjunct Faculty, Department of Physical Therapy, University of Illinois at Chicago, College of Applied Health Sciences.
8/2013-present Clinical Assistant Professor, Department of Biobehavioral Health Science, University of Illinois at Chicago, College of Nursing.
2006-2013 Teaching Associate, Department of Biobehavioral Health Science, University of Illinois at Chicago, College of Nursing.
8/2003-2006 Clinical Faculty, Department of Medical Surgical Nursing, University of Illinois at Chicago, College of Nursing.

CONSULTING:

2017-2018 Member, Advisory Board for hyperkalemia education and management for advanced practice nurses, Relypsa Pharmaceuticals.

PROFESSIONAL LICENSURE/CREDENTIALING

2004-present	Medical Staff Credentialed, University of Illinois Hospital & Health Sciences System
2001-present	Advanced Practice Nurse, Illinois License
2002-present	DEA License
1981-present	Registered Professional Nurse, Illinois License

CERTIFICATIONS

2017	Pharmacogenomics Certificate, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences
2013-present	Critical Care RN (CCRN) Alumnus
2011-present	Advanced Cardiac Life Support Certification
2006-present	American Nurses Credentialing Center, Adult CNS
1998-2002	Advanced Cardiac Life Support Regional Faculty
1991-2006	Advanced Cardiac Life Support Certification/Instructor
1984-2013	American Association of Critical Care Nurse Certification (CCRN)
1981-present	CPR certification

HONORS AND AWARDS

2017	Inaugural recipient of the Barbara Berger <i>Excellence in Teaching Award</i> , Department of Biobehavioral Health Science, University of Illinois at Chicago
2015	Fellow of the American Heart Association
2014	Acute Care Section Dissertation Award, Midwest Nursing Research Society
2014	Junior Faculty Research Award, Research Committee, College of Nursing, University of Illinois at Chicago
2013	Early Career Travel Award for Scientific Sessions, American Heart Association Cardiovascular and Stroke Nursing Council
2013	Dean's Award for Dissertation Research, University of Illinois at Chicago
2013, 2012	Excellence in Teaching Award, Graduate Student Organization, University of Illinois at Chicago
2006	Excellence in Clinical Practice and Leadership Award, Sigma Theta Tau, Alpha Lambda Chapter
1997	"President's Award" Evanston Hospital Corporation for the implementation of a program to care for interventional cardiology patients on a telemetry unit.
1993	"President's Award" Evanston Hospital Corporation for the creation and implementation of a hospital wide conscious sedation program.
1993	Scholarship Award for graduate education, Northwest Chicago Area Chapter (NWCAC) of the American Association of Critical Care Nurses
1975	Mayor Daley College Scholarship Award

TEAM AWARDS

2017	American Heart Association/American College of Cardiology Foundation's <i>Get with the Guidelines Heart Failure Silver Quality Achievement Award</i> for quality-improvement measures awarded to UI Health Heart Failure Program, (Team Member of Heart Failure Program).
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2009 Departmental Teaching Excellence Award, Council for Excellence in Teaching and Learning, University of Illinois at Chicago. Award given to the Department of Biobehavioral Health Science (Faculty member).

RESEARCH FUNDING

2017 American Heart Association Cardiovascular and Stroke Nursing Council Heart Failure Prize (\$5,000) pilot funding **Vuckovic, K.M** (PI) *Validating the Breathlessness Belief Questionnaire in African American with Heart Failure.*

2014 Detrick 2014 Junior Faculty Award (\$2,500). **Vuckovic, K.M.** (PI). *Dyspnea in Heart Failure with a Preserved Ejection Fraction.*

2012 Seth Rosen Research Award, College of Nursing, Dissertation (\$1,000). Vuckovic, K.M. (PI). *Dyspnea in Heart Failure with a Preserved Ejection Fraction.*

2011 University of Illinois Alumni Research Award (\$1,000). **Vuckovic, K.M.** (PI). *Dyspnea in Heart Failure with a Preserved Ejection Fraction.*

2011 Midwest Roybal Dissertation Award (P30) center grant from the National Institute on Aging/NIH Grant #5P30AG022849-07; UIC PAF # 2009-02182; Parent Protocol grant #2009-0668). (Direct costs \$4,000). **Vuckovic, K.M.** (PI). *Dyspnea in Heart Failure with a Preserved Ejection Fraction.*

RESEARCH in progress

2017 Co-PI with Marilyn Prasun, PhD, RN; Springfield Memorial Clinic, *Dyspnea and Related Physiologic Factors in Patient with Heart Failure Before, During and After Activity.* IRB approved.

QUALITY INITIATIVES –Heart Failure Team UI Health

Completed

2017 PI, *Evaluating Self-Care Behaviors among Low Socioeconomic Status Heart Failure Patients.* UI Health quality imperative to improve self-management and decrease admissions for heart failure.

2015 Faculty sponsor for (PI) Rebecca Schuetz, MS, APN, *Disposition of Heart Failure Patients from the Emergency Department (ED).* UI Health quality imperative to examine admissions through the ED for heart failure.

PEER-REVIEWED PUBLICATIONS (*denotes data-based; senior author underlined; ‡authored with student or mentored advanced practice nurse colleague)

‡DeVon H.A., **Vuckovic K.M.**, Burke L.A., Mirzaei S., Breen K., Robinson N., Zegre-Hemsey, J. What's the Risk? Older Women Report Fewer Symptoms for Suspected Acute Coronary Syndrome than Younger Women. *BioResearch Open Access* 2018 Sept; 7(1):131–138. PMID: 30237934.

Vuckovic, K.M., Bursa, A. 20 things you didn't know about beta blockers. *Journal of Cardiovascular Nursing.* 2018 Jan.-Feb.;33(1):20-12. PMID: 29200057.

***Vuckovic, K.M.**, Puzantian H. Estimated glomerular filtration rate and 6-minute walk distance in African Americans with mild to moderate heart failure. *Cardiorenal Medicine*. 2017 Jun;7(3):227-233. PMID: 28736563.

Prasun, M.A., Bolton-Harris, E., Nelson, K., Price, S., Stamp, K.D., **Vuckovic, K.M.** American Association of Heart Failure Nurses (AAHFN) position statement on patient access to healthcare. *Heart & Lung*. 2017 May - Jun;46(3):209-210. PMID: 28571596.

*Burke, L.A., Rosenfeld, A.G., Daya, M.R., **Vuckovic, K.M.**, Zegre-Hemsey, J.K., Felix Diaz, M., Tosta Daiube Santos, J., Mirzaei S, **DeVon, H.A.** Impact of comorbidities by age on symptom presentation for suspected acute coronary syndromes in the emergency department. *European Journal of Cardiovascular Nursing*. 2017 Aug;16(6):511-521. PMID: 28198635.

DeVon, H.A., Burke, L.A., **Vuckovic, K.M.**, Haugland, T., Eckhardt, A. Patmon, F., Rosenfeld, A.G. Symptoms suggestive of Acute Coronary Syndrome: When is sex important? *Journal of Cardiovascular Nursing*. 2017 Jul/Aug;32(4):383-392. PMID: 27281055.

DeVon, H.A., **Vuckovic, K.M.**, Ryan, C.J., Barnason, S., Zerwic, J.J., Pozehl, B., Schulz, P., Seo, Y., Zimmerman, L. Systematic review of symptom clusters in cardiovascular disease. *European Journal of Cardiovascular Nursing*. 2017 Jan;16(1):6-17. PMID: 27034451. *I was second reviewer for the articles and wrote the heart failure content.*

Zimmerman, L., Pozehl, B., **Vuckovic K.M.**, Barnason, S., Schulz, P., Seo, Y., DeVon, H., Ryan, C., Zerwic, J. Selecting symptom instruments for cardiovascular populations. *Heart & Lung*. 2016 Nov - Dec;45(6):475-496. PMID: 27686695. *My contribution was the dyspnea-related content.*

DeVon, H., Petty, C. **Vuckovic, K.M.**, Koenig, M.D., McSweeney, J. Comparing cardiac symptoms in older and younger women: A review of the literature. *Journal of Obstetric, Gynecologic & Neonatal Nursing*. 2016 May-Jun;45(3):426-37. PMID: 26968243.

***Vuckovic, K.M.**, DeVon, H. **Piano, M.R.** The measurement of dyspnea in ambulatory African American patients with preserved and reduced ejection fraction heart failure. *Journal of Cardiovascular Nursing*. 2016 Jan31(1):13-21. PMID: 25419941.

Phillips, S.A., **Vuckovic, K.M.**, **Cahalin, L.P.**, Baynard, T. Defining the system: Contributors to exercise limitations in heart failure. *Heart Failure Clinics*. 2015 Jan 11(1):1-16. PMID: 25432470. (Invited). *Article was highlighted in editorial comment for the issue. I created the theoretical framework used in the manuscript and wrote the peripheral vasculature content.*

Vuckovic, K.M., **Piano, M.R.**, Phillips, S.A. Effects of exercise training on peripheral vascular endothelial vasoreactivity in patients with heart failure with reduced ejection fraction. *Heart, Lung, and Circulation*. 2013 May 22(5):328-340. PMID: 23340198. (Australian Cardiovascular Society Journal; Heart Failure edition; Invited).

Vuckovic, K.M., **Fink, A.M.** The 6-min walk test: Is it an effective method for evaluating heart failure therapies. *Biologic Research in Nursing*. 2012 April;14(2):147-159. PMID: 21586495.

*Moyer-Knox, D., Mueller, T., **Vuckovic, K.**, Mischke, L., **Williams, R.** Remote titration of carvedilol for heart failure patients by advanced practice nurses. *Journal of Cardiac Failure*. 2004 June;10(3):219-24. PMID: 15190531. *Article was the subject of the editorial comment for the issue.*

*Mueller, T., **Vuckovic, K.**, Knox, D., **Williams, R.** Telemanagement of heart failure: a diuretic treatment algorithm, for advanced practice nurses. *Heart and Lung*. 2002 Sep-Oct;31(5):340-7.

PMID: 12487012. *One of the first articles to present a self-managed diuretic titration algorithm for patients with heart failure.*

IN PRESS

Ryan C.J., Schuetz R., **Vuckovic K.M.** The 3 R's to Preventing Readmission: Review, Reassess Re-educate. *Critical Care Nurse*. (Accepted 6/2018). *I created conceptual framework for the manuscript*

UNDER REVIEW:

Diegel-Vacek L., **Vuckovic K.M.** Pharmacotherapeutic Preparation for Nurse Practitioner Full Practice Authority. *Journal of Nurse Practitioner* (Resubmitted 1/31/2019).

Vuckovic, K.M., Schuetz, R. Ryan, C.J. Navigating Symptom Management in Heart Failure: the Crucial Role of the CCN. *Critical Care Nurse* (Accepted pending revisions, 2/1/19).

NON-PEER REVIEWED PUBLICATIONS

Vuckovic, K., Richlin, D. Bradycardia induced by hyperkalemia. *American Association of Occupational Health Nurses Journal*. 2004 May;52(5):186-7. PMID: 15152713 (Invited).

CLINICAL PRACTICE GUIDELINES (UI Health)

Stamos, T.D., Dickens C., **Vuckovic K.M.**, DiDomenico R. Adult Heart Failure Management. Revised, 2018.

BOOK CHAPTERS

Anderson, K., **Murphy, D.**, **Vuckovic, K.M.** Chapter 41: Heart Failure: Guideline-Directed Medical and Device Therapy. In (7th ed.) *Cardiac Nursing*. (In progress, revision of 6th edition).

Vuckovic, K.M., Appraising a Single Research Article. In (3rd Ed). *Research for Advanced Practice Nurses, 3rd Edition: From Evidence to Practice* Editors: Foreman, M., Staffileno, B., and Murphy, M. New York: Springer, 2018, pp. 64-75.

Vuckovic, K.M., Fink, A.M. Disorders of Cardiac Function. In C. Porth (4th Ed.) *Essentials in Pathophysiology*. Lippincott, 2014, pp. 444-485.

Vuckovic, K.M., Fink, A.M. Heart Failure and Circulatory Shock. In C. Porth (4th Ed.) *Essentials in Pathophysiology*. Lippincott, 2014, pp. 486-512.

MEDIA INTERVIEWS/NEWSLETTERS

2010 Vuckovic K. Reading Nutrition Labels. *Gazette*, 2010 January;27(9):28.

1994 Interviewed for an article regarding nursing in feature section "Jobs," *Chicago Tribune*

INTERNET-BASED EDUCATION

Vuckovic, K. Cardiovascular Update for Occupational Health Nurses (2005). Available to members only at www.aohn.org.

WEBINAR (CE offering for rural hospital network in Illinois)

Vuckovic, K.M. Beyond warfarin: A New Era of anticoagulation Part 1. Illinois Critical Access Hospital Network (ICAHN), July 17, 2017.

Vuckovic, K.M. Beyond warfarin: A New Era of anticoagulation Part 2. ICAHN, July 18, 2017.

INVITED PRESENTATIONS

International

Vuckovic, K.M. Glycemic Control: Definitions, Standards and Controversies. American Heart Association Scientific Sessions, Orlando, FL; November 2007.

National

Vuckovic, K.M. Complex Case Studies: Panel Discussion. American Association of Heart Failure Nurses, Chicago, IL; June, 2018. Advertised as conference highlight.

Vuckovic, K.M. Prescribing for Non-Caucasians. Pharmacology Update. American Association of Heart Failure Nurses, Chicago, IL; June, 2018.

Vuckovic, K.M. Cultural Adaptation of an Educational Intervention (Interventions for Vulnerable Populations). Heart Failure Society of America, National Harbor Maryland; September, 2015.

Vuckovic, K.M., Phillips, S.A. Research on Exercise Interventions on Peripheral Vascular Health in Patients with Heart Failure: Methods and Clinical Implications. American Physical Therapy Association, National Harbor, Maryland; June, 2011.

Regional

Vuckovic, K.M. Dyspnea in African Americans with Preserved Ejection Fraction Heart Failure. Midwest Nursing Society Annual Conference, St. Louis MO; March 2014.

Vuckovic, K.M. What Part of NO Don't You Understand: The Contribution of Nitric Oxide. American Association of Critical-Care Nurses Northwest Chicago Area Chapter Midwest Conference, Lincolnshire, IL; March 2009.

Vuckovic, K.M. Glycemia in Heart Failure. American Association of Critical-Care Nurses Northwest Chicago Area Midwest Conference, Lincolnshire, IL; March 2009.

Vuckovic, K.M. Metabolic Syndrome. American Association of Critical-Care Nurses Northwest Chicago Area Midwest Conference, Arlington Heights, IL; March 2005.

Vuckovic, K.M. From Ischemia to Infarct. Preventive Cardiovascular Nurses Association Midwest Regional Meeting, Oakbrook, IL; October 2003.

Vuckovic, K.M. Optimizing Beta Blockade. American Association of Critical-Care Nurses Northwest Chicago Area Midwest Conference, Arlington Heights, IL; March 2003

Vuckovic, K.M. Evidence Based Lipid Management. Association of Critical-Care Nurses Northwest Chicago Area Midwest Conference, Arlington Heights, IL; March 1998.

Local

Vuckovic, K.M., Romero, E. Online Learning: I Spring, Movies and Echo Oh My!, Faculty Retreat, University of Illinois, College of Nursing, Chicago IL, August, 2016.

Vuckovic, K.M. The First Step in Managing Heart Failure: Exercise. APN Grand Rounds, University of Illinois Hospital and Clinics, Chicago IL, April 2015.

Vuckovic, K. M. Take A TRIP! *Translating Research Into Practice: Dyspnea in Patients with HFpEF.* University of Illinois Heart Center, January 2014. *Translating the results of my dissertation research into practice at my recruitment site.*

Vuckovic, K.M. Using a 12 Lead EKG in a Research Protocol, University of Illinois Clinical Research Center, Research Staff. June, 2013. (Invited).

Vuckovic, K.M. A Comparative Study of Self-Reported Dyspnea in Preserved vs. Reduced Ejection Heart Failure, Sigma Theta Tau, Alpha Lambda Chapter, Chicago, IL; May 2012.

Vuckovic, K.M. 2011 Keynote Address, Graduate Entry Program Commencement Ceremony, College of Nursing, University of Illinois. (Requested and invited by students). May 2011.

Vuckovic, K.M. Shock. American Association of Critical- Care Nurses East Central Illinois Annual Meeting, Urbana, IL; April 2008.

Vuckovic, K.M. Heart Failure 101. Lutheran General Hospital, Park Ridge IL, December 2003. *Requested by nursing staff to present a clinical update on heart failure.*

Vuckovic, K.M. The Electrical Management of Heart Failure. Evanston Northwestern CHF Nursing Forum, Glenview, IL; April 2002.

Vuckovic, K.M. CRT: Cardiac Resynchronization Therapy. American Heart Association Cardiovascular Nursing Forum, Chicago, IL; May 2002.

Vuckovic, K.M. The Pathophysiology of Unstable Plaque. Preventive Cardiology Nurses Association, Featured Speaker, Chicago, IL; September 2000.

Vuckovic, K.M. The Pathophysiology of Unstable Plaque. American Heart Association Cardiovascular Nursing Forum, Chicago, IL; August 1999.

Vuckovic, K.M. Salinger, M. Lipid Management, Glenbrook Hospital Grand Rounds, Evanston, IL; September 1997.

SYMPOSIA

Organized symposia for PhD and DNP cardiovascular students with Dr. Kelley Anderson

ABSTRACTS

ORAL PRESENTATIONS (presenter underlined; *presented at professional meeting; †published with student or mentored advanced practice nurse colleague)

International

DeVon, H.A., Finnegan L., Park, C., Ryan, C., **Vuckovic, K.** Symptom Clusters in Patients with Acute Coronary Syndrome. Sigma Theta Tau International's 29th International Nursing Research Congress, Melbourne, Australia. July 2018.

*Ryan C., **Vuckovic, K.M.**, Finnegan, L., Zimmerman L., Poezhl, B., Barnason, S., DeVon, H. Choosing Wisely: Number and Type of Acute Coronary Syndrome Symptom Clusters Vary by Analytic Method. American Heart Association Annual Scientific Session, Anaheim, CA. November 2017. *Circulation*, 136, A16019.

*DeVon H., Burke L., **Vuckovic K.**, Rosenfeld A.H. Symptom Differences in Older and Younger Women with Suspected Heart Disease. Sigma Theta Tau International 27th Research Congress, Cape Town, South Africa, July 2016.

National

*Dickens, C., Brown, S., Schuetz, R., Groo, V., **Vuckovic, K.M.**, & Stamos, T. Homelessness and Heart Failure: A Novel Prescription. American College of Cardiology 66th Annual Scientific Session & Expo, Washington, DC: March 2017 (oral e-poster).

*Groo, V., Schuetz, R., Dickens, C., **Vuckovic, K.M.**, Gans, C., & Stamos, T. Heart Failure Hotline as an Innovation to Address Medication Issues. American College of Cardiology 66th Annual Scientific Session & Expo, Washington, DC: March 2017 (oral e-poster).

*†Dickens, C., Franklin, C., **Vuckovic, K.**, Nehmer, M. DiDomenico, R., Kerbow, D., Stamos, T., Kondos, G. Improving the Heart Failure Readmission Rate at an Urban Medical Center, University of Illinois Medical Center Nursing Research Symposium, May 2011. Oral presentation at Midwest Nursing Research Society, March 2012. *Western Journal of Nursing Research*. 2012 Dec;34(8):1066-7.

*Fink A., **Vuckovic, K.**, Piano M. Fatigue in Systolic Heart Failure, American Association of Heart Failure Nurses 2008 Annual Meeting, Boston, MA, June 2008.

*Fontana, D., **Vuckovic, K.**, DiDomenico, R., Kondos, G. The Effectiveness of Implementation of Medical Center Guidelines and Focused Education of the JCACHO Quality Measures in Patients Hospitalized for HF, Fourth International Evidence-Based Nursing Preconference, Sigma Theta Tau 17th International Nursing Research Congress, July 2006.

POSTER PRESENTATIONS (presenter underlined; *presented at professional meeting; †published; ‡ authored with student or mentored advanced practice nurse colleague)

In Review:

‡Duckett, M., Groo, V., Dickens, C., **Vuckovic, K.M.** Characteristics of Patients with Heart Failure of Low Socioeconomic Status Who Use a Dedicated Phone Line, American Association of Heart Failure Nurses Annual Meeting, Texas: June, 2019 (submitted December, 2018).

National

*Bronas, U., Fritschi, C., **Vuckovic K.M.**, Collins E. Differences in 6MWD in Chronic Populations. American College of Sports Medicine Annual Meeting, Minneapolis: May, 2018. *Collaborative effort based on my suggestion for the Exercise Research Interest Group, College of Nursing.*

*‡Schuetz, R., Stamos, T., Dickens, C., Groo, V., & **Vuckovic, K.** Simple Technology Improves Access and Outcomes for Patients with Low Socioeconomic Status. American College of Cardiology 66th Annual Scientific Session & Expo, Washington, DC: March 2017.

*‡Vuckovic, K.M., Groo, V., Schuetz, R., Dickens, C., & Stamos, T. Poor Adherence in Younger Patients with Heart Failure. American College of Cardiology 66th Annual Scientific Session & Expo, Washington, DC: March 2017.

*‡‡Schuetz, R., Dickens, R., Groo, V., **Vuckovic, K.** Substance Abuse is Associated with Observation Status of Patients with Heart Failure at an Urban Academic Medical Center, American Heart Association, QCOR Annual Meeting, Arizona, March 4, 2016. *Circulation: Cardiovascular Quality and Outcomes*. 2016 March;9(Suppl 2): A248-A248.

*DeVon H., Burke L., **Vuckovic K.**, Rosenfeld A. H. Symptom Differences in Older and Younger Women with Suspected Heart Disease. National Institute for Nursing Research. 13th Anniversary Conference. Bethesda, MD. Oct. 2015.

***Vuckovic K.M.**, DeVon, H., Ryan, C. Piano M.R. Dyspnea Scores Using Borg and Visual Analogue Scale in African Americans Patients with Heart Failure, Preventive Cardiology Nursing Association National Symposium, Atlanta, GA, April 2014.

*Fontana, D., Didomenico, R., **Vuckovic, K.**, Kondos G. Long-Term Outcomes in Patients Hospitalized for Acute Decompensated Heart Failure Stratified by Baseline Renal Function and Blood Pressure, American Heart Association Outcomes Symposium, May 2006.

*†Groo, V., Moyer, D., Mueller, M., **Vuckovic, K.M.**, Williams, R. Effectiveness of Toprol XL in Heart Failure Patients Intolerant to Coreg. Heart Failure Society of America 7th Annual Meeting, Boca Raton FL, September 2003. *Journal of Cardiac Failure*. 2003 Sept;9(5) supplement: 2003.

*†Knox, D., Mueller, T., Vuckovic, K.M., Acker, K., Mischke, L., Just, V., Williams, R. Remote Titration of Beta-Blocker Therapy for Heart Failure by Advanced Practice Nurses, Titration Protocols, and Daily Patient Management. Heart Failure Society of America 6th Annual Meeting, Boca Raton FL, September 2002. *Journal of Cardiac Failure*. 2002. Sept;8(5) supplement: 2002.

*†Williams, R., Mueller, T., Knox, D., Vuckovic, K.M., Mischke, L. Development and Application of a Clinical Decision Algorithm to Guide Nurse Management of CHF Patients Through Daily Telemonitoring: Reductions in Hospitalizations and Practitioner Variation. Heart Failure Society of America 5th Annual Meeting, Washington DC, September 2001. *Journal of Cardiac Failure*. 2001. Sept;7(5) supplement: 2001.

Local

*†Kowalski, J., Prince, S., **Vuckovic, K.** To Bis or Not to Bis: A Look at the Usage of Bis Monitoring in Academic vs. Community Institutions, University of Illinois Research Day, April 2006.

*Williams, R., Mueller, T., Knox, D., **Vuckovic, K.** Mischke, L. Development and Application of a Clinical Decision Algorithm to Guide Nurse Management of CHF Patients Through Daily Telemonitoring: Reductions in Hospitalizations and Practitioner Variation. Association of Critical-Care Nurses Northwest Chicago Area Midwest Conference, Arlington Heights, IL, and March 2002.

Mayer, K., **Vuckovic, K.**, Williams, R. Integrated CHF Rounds, Association of Critical- Care Nurses Northwest Chicago Area Midwest Conference, Arlington Heights, IL; March 1997.

Vuckovic, K. Evaluating the Effectiveness of Resuscitation, Northern Illinois Research Day, May 1995.

PROFESSIONAL ACTIVITIES

Grant Reviews:

2016 Sigma Theta Tau, Local Chapter Beta Lambda research grant awards.
2003-2007 American Heart Association Council on Cardiovascular Nursing research grant award.

Award Reviewer:

2016 American Heart Association Council on Cardiovascular and Stroke Nursing Martha Hill Award.

- 2014-present American Heart Association Council on Cardiovascular and Stroke Nursing Clinical Practice Award.
- 2004, 2005 Student Scholarship Applications Northwest Chicago Area Chapter of American Association of Critical Care Nurses.

Book Reviews:

- 2017 Reviewer, *Advanced Physiology and Pathophysiology: Essentials for Practice*, Springer.
- 2006 Reviewer, *Advanced Health Assessment and Diagnostic Reasoning*, Jones & Barlett.

Manuscript Reviewer:

- 2017-present *Applied Nursing Research*
- 2017-present *Plos One*
- 2017-present *European Journal of Cardiovascular Nursing*
- 2016-present *Western Journal of Nursing Research*
- 2012-present *Journal of Cardiovascular Nursing*
- 2012-present *Biological Research for Nursing*

Conference Moderator (Invited):

- 2018 Moderator, American Heart Association , Scientific Sessions.
- 2017 Moderator, American Heart Association, Scientific Sessions.
- 2016 Moderator, Heart Failure Society of America, National Meeting.
- 2015, 2016 Moderator, American Heart Association, Scientific Sessions.

Membership on Professional Committees or Boards:

International

- 2016-2018 Chair, Practice Award Committee, American Heart Association Cardiovascular Nursing Council (Invited).
- 2014-2017 Member, Program Committee, American Heart Association, Cardiovascular Nursing Council (Invited).
- 2013-2016 Member, American Heart Association, Cardiovascular Nursing Council Clinical Practice Award Committee (Invited).

National

- 2016-2018 Member, Advisory Editorial Board, American Association of Heart Failure Nurses (Invited).
- 2015 Member, Speakers Bureau, American Heart Association Spotlight Series: Heart Failure (Invited).

Regional

- 2014-2016 Chair, Midwest Nursing Research Society, Acute Care Section (Elected).
- 2000-2004 Co-chair of the Midwest American Heart Association, Cardiovascular Nursing Forum.
- 1995 Chair, Exhibits/Posters for the Midwest Conference for Northwest Chicago Area of American Association of Critical Care Nurses (Elected).

Local

2004-2005	Chair and Member of the Board of Directors, Northwest Chicago Area of American Association of Critical Care Nurses (NWCAC-AACN), Awards and Scholarship (Elected).
1994-2000	Committee member, Local AHA Cardiovascular Nursing Forum.
1991-1993	Chair, Board of Directors NWCAC-AACN, Marketing (Elected).
1985-1994	Committee member (education, seminars, membership, marketing), Local AACN Northwest Chicago Area Chapter.

Academic Committee Membership:

University

2016-2018	Member, University Learning Management System Advisory Board (Invited).
2015-2019	Member, University Library Advisory Committee, College of Nursing Representative (Invited).

College

2017-present	Member, Exercise Research Interest Group.
2016-present	Member, Cardiopulmonary Research Interest Group.
2016-2018	Member, Research Committee (Elected).
2014	Team Leader, Curriculum Revision for Pharmacotherapeutics.
2005-2006	Member, Ad hoc Committee for integrating evidence based practice into the nursing curriculum.
2004-2007	Representative, Medical-Surgical Dept., Nursing Service Plan College of Nursing.
2005-2006	Member, Doctorate in Nursing Practice curriculum committee.

Department

2017-2019	Member, Advisory Board, Biobehavioral Health Science Dept. (Elected).
2015-2017	Member, Teaching Fund (Elected).

UI Hospital

2/2017	Member and Presenter, Support Group Heart Failure program, University of Illinois Health Sciences System.
2016-present	Member, Heart Failure Interdisciplinary Practice Team.
2014-2017	Member, RUHFR (Reducing Unwanted Heart Failure Readmissions) (dissolved; Invited).
2003-2012	Member, Quality Team for Heart Failure/Acute Myocardial Infarction, University of Illinois Medical Center at Chicago (dissolved).

Professional Community Service:

2/2016	Volunteer, Women and Heart Disease, Blood Pressure Screening, St. Odilio Church, Berwyn IL sponsored by the Women's Heart Coalition.
9/2014	Advisory Team Member, "You're the Cure" AHA Heart Walk Oakbrook IL, collected more signatures than all other sites combined.
9/2013	Team Captain, AHA Heart Walk Metropolitan Chicago.
2/2012	Presenter, Tell a Friend: CV Disease and Women, Faith Community Church, Bensenville, IL.
2006-2012	Volunteer, Night Ministry.
2004	Presenter, Stomp Out Stroke, Coordinator, Peace Church, Bensenville, IL.
1986-present	Volunteer, Public Action to Deliver Shelter (PADS) DuPage County, IL.

Professional Organizations (Membership):

2017-present	American College of Cardiology
2016-present	Council on Cardiovascular and Stroke Nursing, American Heart Association, Silver Member; Fellow
2013-2017	Midwest Nursing Research Society
2012-2016	Preventive Cardiology Nursing Association
2007-2013	The American Physiological Society
2016-present	American Association of Heart Failure Nurses
2006-2013	American Association of Heart Failure Nurses
2008-present	Golden Key for Academic Excellence, Invited by University of Illinois
2000-present	Council on Cardiovascular and Stroke Nursing, American Heart Association
2005-present	Heart Failure Society of America
1995-1997	Society of Critical Care Medicine, Invited member
1994-present	Sigma Theta Tau, Beta Omega Chapter (transferred to Alpha Lambda)
1985-2013	American Association of Critical Care Nurses, Local
1981-2013; 2016	American Association of Critical Care Nurses, National

Professional Service Awards:

2003	Recognized by Metropolitan Chicago Affiliate of the American Heart Association for service and leadership.
1986	Recognized for contribution to the patient care committee at Holy Family Hospital.

ACADEMIC TEACHING EXPERIENCE (University of Illinois at Chicago)

PhD Courses Guest Lecturer

2014, 2015	Philosophy of Science NURS 570, taught section on the philosopher John Kuhn.
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DNP (Doctor of Nurse Practitioner, Graduate Courses)

Course Co-coordinator

2014-present	Coordinator and Instructor, Pharmacotherapeutics (Advanced), NURS 531 Blended core course for the master's/DNP Nurse Practitioner program, 90-125 graduate nursing students (primary teaching assignment).
2006-2014	Instructor, Pharmacotherapeutics, NURS 531 Blended core course for the master's program 50-90 students.

Guest Lecturer

2018	Anti-coagulants, NURS 533, Acute Care and Primary Care Nurse Practitioner students, December.
2018	Heart Failure Management, NUSP 534, Management I, Acute Care and Geriatric Nurse Practitioner students, September.
2018	12 Lead EKG Interpretation, NUSP 534, Management I, Acute Care and Geriatric Nurse Practitioner students, September.
2017	Anti-coagulants, NURS 533, Acute Care and Primary Care Nurse Practitioner students, November.
2017	Neuromuscular Blockade Agents, NUSP 534, Management II, Acute Care Nurse Practitioner students, October.

- 2017 Heart Failure Management, NUSP 534, Management I, Acute Care and Geriatric Nurse Practitioner students, September.
- 2017 12 Lead EKG Interpretation, NUSP 534, Management I, Acute Care and Geriatric Nurse Practitioner students, September.
- 2017 Introduction to 12 lead EKG Interpretation, NUSP 535, Acute Care and Primary Care Nurse Practitioner students, September.
- 2016, 2017 Applied Pharmacology for Women: Cardiovascular Disease and Prevention, NUSP 557, Women's Health Advanced Practice Students, December.
- 2015 Pharmacodynamics, Seminar, Family Nurse Practitioner, May.
- 2013; 2014 The Basics of 12 lead EKG, Seminar, 75 Family, Pediatric, Midwifery Nurse Practitioner students, May.
- 2013-present 12 lead EKG Patterns of Ischemic, NUPR 539, Acute Care Nurse Practitioner students, May.
- 2013 Update on Atrial Fibrillation, NUPR 539, Acute Care and Adult Nurse Practitioner Nurse Practitioner students, May.
- 2006-2013 12 lead EKG Interpretation, Seminar, Nurse Practitioner students, May.

GEP (Graduate Entry Program Non-Traditional Nursing Students) Courses
Course Coordinator

- 2010-2014 Coordinator and Lecturer, Pathophysiology and Pharmacotherapeutics, NUSC 401 and 402 (7 credit hrs). Core GEP course for 45-72 students. Content taught: all CV disorders, basic pharmacology, cell injury, inflammation, genetics, pharmacogenomics, sensory, oxygenation, and reproduction. Revised course curricula 2010.
- 2005-2006 Coordinator and Instructor, GEP fundamentals course and lab, NUSC 400 (7 credit hrs); coordinated clinical placements, lab simulations, and physical assessment for inaugural GEP class.

Clinical Instructor

- 2006-2010 Instructor, NUSC 423, GEP senior clinical synthesis course and capstone project. Converted student schedules and journal entries to online format. Supervised 7-12 students and staff preceptors in critical care settings at University of Illinois Medical Center.
 Developed Jesse Brown VA hospitals as new clinical site. In 2009 student invited to present capstone project as featured evidence-based practice presentation for nurses' week at Jesse Brown VA hospital.

Guest Lecturer

- 2015 Pharmacotherapeutics NURS 422, Cardiovascular pharmacology.
- 2014 Pathophysiology NURS 420, Cardiovascular pathophysiology and genetics.
- 2010-2011 Urban Health Program. Taught 6-8 hours of respiratory and cardiac lectures to incoming master's level students, summer.

Undergraduate Nursing Students

Course Coordinator

- 2007 Co-coordinator and Instructor, Fundamentals of Nursing, NURS 222, 70 nursing students.

Instructor

- 2007-2009 Instructor, Undergraduate special topic course in critical care nursing undergraduate nursing students, NUSC 390.
- 2006-2007 Instructor, Undergraduate Research (section of 30 students), NUSC 322. Students placed first and third in poster competition in 2006.

2003-2006 Clinical Instructor, NURS 335, 8-10 junior/senior students medical-surgical practicum.

Guest Lecturer

2004-2006 Cardiac and respiratory lectures in physical assessment NURS 225, 100 undergraduate nursing students.

International Undergraduate Nursing Students

Guest lecturer

2011-2015 Kyung Hee and Seoul National University semester abroad, taught cardiac section (24 hours via translator) to 10-20 undergraduate Korean nursing students; (8 hours of instruction in 2012; 16 hours in 2013).

Physical Therapy Clinical Doctorate Students, College of Applied Health Sciences; UIC

Guest Lecturer

2010, 2013, 2015 Physical Therapy Rehab Seminar, PT 506, "Heart Failure and Exercise" for clinical doctorate and PhD students.

2009, 2011, 2014 Heart failure management, PT 635, 56 physical therapy students.

2009, 2011, 2014 Arrhythmia recognition, PT 635, 56 physical therapy students.

ACADEMIC EXTRAMURAL GUEST LECTURES (invited), Rush University; Chicago IL

2017-2019 Heart Failure Pathophysiology, advanced practice graduate nursing students, January.

2011, 2015-18 Management of Acute and Chronic Heart Failure, 40-75 advanced practice graduate nursing students, March.

NON-ACADEMIC TEACHING EXPERIENCE

1995-2002 Taught and coordinated Advanced Cardiac Life Support (ACLS) classes.

1994-2000 Taught 12-lead, basic EKG and critical care courses every 8 weeks to new nursing orientees. Evanston Northwestern Healthcare, Evanston, IL.

1986-1991 Taught CPR to the public.

1985-1994 Taught basic principles of EKG interpretation to staff nurses. Designed and implemented unit orientation for new staff in critical care units. Holy Family Hospital, Des Plaines IL.

MENTORING

Faculty Mentor, Non-Nursing Students:

2016, Summer Bridges student, Lavada Smith, University of Illinois Chicago Behavioral and Biomedical Sciences Bridges to Baccalaureate Program. Bridges to Baccalaureate University of Illinois at Chicago and the City Colleges of Chicago funded by NIH (R25GM107692). Project: What factors contribute to the lack of minority participation in clinical cardiovascular trials in urban and rural areas? Selected for poster presentation at the 2016 Annual Biomedical Research Conference for Minority Students (ABRCMS), November 9, Tampa, FL.

2016, Summer Health Information Management graduate student, Emily Douville. Project: Hotline Analysis Project (HAP) Creation of dataset to analyze use of phone hotline established for heart failure patients.

Graduate Student Clinical Preceptor:

2006-present Preceptor, University of Illinois Health System Science at Chicago, Heart Failure Clinic.
 2001-2003 Preceptor UIC PharmD students, Heart Failure Clinic, Glenbrook Hospital, Glenview, IL.
 2001-2003 Adjunct Faculty, Preceptor, master's-level nursing students, North Park College, Chicago IL.
 1996-2005 Adjunct Faculty, Preceptor, master's-level nursing students Rush University, Chicago, IL.
 1998-2002 Adjunct Faculty, Preceptor, master's-level nursing students Loyola University, Maywood, IL.

Graduate Nursing Students Mentor/Advisor

PhD and DNP (Doctorate of Nursing Practice) students (Gero = geriatrics)

Dates	Student Name	Role	Program
2018-present	Wiphawadee Potisopha, BSN, RN	Consultant/Co-author for manuscript development <i>Gender Differences in the Onset-to-Hospital Delay Time Among Acute Stroke Patients: An Integrative Review</i>	PhD student (international)
2017-present	Katherine Breen, BSN, RN	Preliminary Exam Member Robert Wood Johnson Scholar <i>Longitudinal Changes in Patients with Suspected Acute Coronary Syndrome (ACS)</i>	PhD student
2017-present	Sahereh Mirzaei, RN	Preliminary Exam and PhD Committee Member <i>Clinical Presentation of Characteristics for Suspected ACS</i>	PhD student (international)
2016-present	Fatimah Abudayah, RN	Preliminary Exam and Dissertation Committee Co-chair <i>Renal Insufficiency in African Americans with Heart Failure and Preserved Ejection Fraction</i>	PhD student (international)
2018	Gina Greco, BSN, RN	DNP Project Faculty Mentor <i>Evaluation of a Protocol for Thrombolysis for Peripheral Arterial Disease</i>	DNP Student (Acute Care)
2017-2018 (graduated)	Melissa Duckett, BSN, RN, CCRN	DNP Project Faculty Mentor <i>Telehealth for Patient with Heart Failure in a Low SES Community</i>	DNP student (Acute Care)
2018-present	Kevin Starkweather, BSN, RN	DNP Project Faculty Mentor <i>Improving Medication Adherence in Rural Patients with Heart Failure</i>	DNP student (Adult Gero)

2016-2018 (graduated)	May Suasin, MSN, FNP	Advisor	DNP student (Adult Gero)
2016-2018 (graduated)	Jo Ann Christmas, MS, FNP	Advisor	DNP student (Adult Gero)
2015-2017	Rebecca Schuetz, MSN, ANP *	Project chair; Advisor <i>Adding Quality of Life Tool to the Medical Record for Heart Failure Patients</i> <i>*Faculty Sponsor for Disposition of Heart Failure Patients from the Emergency Department.</i>	DNP student (transferred)
2015-present	Felicha Beckwith, BSN, RN	Advisor	DNP student (Adult Gero)
2015-2017 (graduated)	Victoria Provideo, MSN, RN	Project chair; Advisor Implementing a Reminder System for a Monitoring Protocol Prior to a Nata	DNP student (Adult Gero post master's)
2015-present	Elaine Papineau BSN, RN	Advisor	DNP student (Adult Gero)
2011-2015	35 graduate entry students	Advisor for 7-10 students per year	Pre-licensure program

*2017 DNP student selected for Heart Failure Leadership Candidacy

Undergraduate Mentor

2018	Franc DeGuzman	Faculty Mentor <i>Systematic Review of Barriers to Healthcare: Factors in the Urban vs Rural Setting</i>	Undergraduate BSN Honors College student
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Faculty Mentored

<i>Dates</i>	<i>Faculty Name</i>	<i>Role</i>	<i>Mentee's Position</i>
2018Fall semester	Hua Jiang, PhD, RN	DNP program development	Visiting Scholar Peking University (Beijing, China)
2017-2018	Mark Lockwood, PhD, RN	Online teaching	Assistant Professor
2016-2017	Denise Kent, PhD, RN	Online course development	Clinical Instructor
2015-2016	Neil Kumar, PharmD	Course development	Visiting Scholar
2016 9/12-10/8/	Trude Haugland, PhD, RN	Pharmacology curriculum development for Master's degree	Visiting Scholar Diakonova University College (Norway)
2014-2015	Houry Puzantian, PhD, RN	Online course development	Assistant Professor