

Karen Janus Vuckovic PhD, RN, ACNS-BC

Curriculum Vitae

Department of Biobehavioral Nursing
 University of Illinois-College of Nursing (MC 802)
 845 South Damen, Chicago, IL 60612
 312-996-1042 (office) 312-996-4979 (fax)
vuckovic@uic.edu

EDUCATION

2013 PhD, University of Illinois, Chicago, IL
 1995 Masters 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 LICENSURE/CREDENTIALING

2004-present Medical Staff Credentialed, University of Illinois Medical Center
 2001-present Advanced Practice Nurse, IL
 2002-present DEA License
 1981-present Registered Professional Nurse, IL License

CERTIFICATIONS

2006-present ANCC Adult CNS
 2011-present Advanced Cardiac Life Support Certification
 1998-2002 Advanced Cardiac Life Support Regional Faculty
 1991-2006 Advanced Cardiac Life Support Certification/Instructor
 1984-2013 Critical Care Nurse Certification (CCRN)
 2013-present CCRN Alumnus
 1981-present CPR certification

PROFESSIONAL EXPERIENCE

8/2013 Clinical Assistant Professor, Department of Biobehavioral Health Science,
 University of Illinois at Chicago

2006-2013 Teaching Associate, Department of Biobehavioral Nursing,
 University of Illinois at Chicago.

2003-2006 Clinical Faculty, Department of Medical Surgical Nursing, University
 of Illinois at Chicago.

2010-current Advanced Practice Nurse; University of Illinois Medical Center at Chicago,
 Heart Failure Program; Outpatient Services.

2004-2008 Advanced Practice Nurse; University of Illinois Medical Center at Chicago,
 Heart Failure Program; Inpatient Services.

2000-2003 Advanced Practice Nurse, Department of Cardiology Heart Failure Program,
 Evanston Northwestern healthcare System, Evanston, IL.

1998-2000	Clinical Nurse Specialist, Department of Nursing, Evanston Northwestern Healthcare, Evanston IL.
1993-1998	Clinical Practitioner Educator, Department of Nursing Education and Development, Evanston Northwestern Healthcare, Evanston, IL.
1990-1992	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.

HONORS AND AWARDS

2014	2014 Acute Care Section Dissertation Award, Midwest Nursing Research Society
2014	2014 Junior Faculty Research Award, research Committee College of Nursing, University of Illinois at Chicago
2013	American Heart Association Cardiovascular and Stroke Nursing Council Early Career Travel Award for Scientific Sessions; \$660.00 stipend
2013	Dean's Award for Dissertation Research
2013	Excellence in Teaching Award, Graduate Student Organization, University of Illinois at Chicago.
2012	Nominated by Dept. Head for American Academy of Colleges of Nursing Teaching Award.
2012	Excellence in Teaching Award, Graduate Student Organization, University of Illinois at Chicago.
2011	Keynote address, Graduate Entry Program Commencement Ceremony.
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.
2008	Awarded Golden Key for academic excellence.
2006	Excellence in Clinical Practice and Leadership Award, Sigma Theta Tau, Alpha Lambda Chapter.
2002-2003	Recognized by Metropolitan Chicago American Heart Association for contribution to the Cardiovascular Nursing Forum.
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.
1994-present	Sigma Theta Tau, Beta Omega Chapter.
1993	Scholarship Award for graduate education, Northwest Chicago Area Chapter (NWCAC) of the American Association of Critical Care Nurses.
1986	Recognized for contribution to the patient care committee at Holy Family Hospital.
1975	Mayor Daley College Scholarship Award.

RESEARCH FUNDING

2014	2014 Junior Faculty Award (\$2500)
2012	Seth Rosen Research Award, College of Nursing (\$1,000).

2011 University of Illinois Alumni Research Award (\$1,000).
 2011-present **Vuckovic, K.M.** (PI). Dyspnea in Heart Failure with a Preserved Ejection Fraction Midwest Roybal Dissertation Award (P30) center grant from the National Institute on Aging/NIH (PI: Susan L. Hughes, DSW; Grant # 5P30AG022849-07; UIC PAF # 2009-02182; Parent Protocol for the center grant #2009-0668). (Direct costs \$4,000).

ONGOING RESEARCH

2012-ongoing Co-investigator, "Comparison of Outcomes Between Nursing Students Taking Exams With and Without Notes in a Pharmacotherapeutic Course"
 2011-ongoing PI, "Dyspnea in Heart Failure with a Preserved Ejection Fraction"

PUBLICATIONS (*denotes peer reviewed manuscripts)

Devon, H. Petty, C. **Vuckovic K.M.**, Koenig, M.D., Mc Sweeny J. Comparing cardiac symptoms in older and younger women: A review of the literature. *Journal of Obstetric, Gynecologic & Neonatal Nursing* (In review).

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. (Invited)

***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*. 2014. (In press).

***Vuckovic, K.M.**, Piano, M.R., Phillips, SA. 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. (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.

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

*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. 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.

BOOK CHAPTERS

Vuckovic, K.M., Fink, A.M. Disorders of Cardiac Function. In C. Porth (Ed.) *Essentials in Pathophysiology*. Lippincott, 2014.

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

MEDIA

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

INTERNET

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

ORAL PRESENTATIONS (*denotes invited presentation)

National

Vuckovic, K.M., Phillips, S.A. Research on Exercise Interventions on Peripheral Vascular Health in Patients with Heart Failure: Methods and Clinical Implications. National Harbor, Maryland; June 10, 2011. (Joint presentation).

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

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. Take A TRIP! *Translating Research Into Practice*: Dyspnea in Patients with HFpEF. University of Illinois Heart Center, January, 2014.

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

***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.

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. 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.

POSTER PRESENTATIONS (presenter underlined, *presented at professional meeting)

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

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.

*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. Oral presentation.

*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.

*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 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.

ABSTRACTS PUBLISHED (abstract was presented in a poster format at professional meeting presenting author underlined)

Groo, V., Moyer, D., Mueller, M., **Vuckovic, K.M.**, Williams, R., Effectiveness of Toprol XL in heart failure patients intolerant to Coreg. *Journal of Cardiac Failure* 9(5)supplement: 2003. Poster at the Heart Failure Society of America 7th Annual Meeting, Boca Raton FL, September, 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. *Journal of Cardiac Failure* 8(5)supplement: 2002. Poster at the Heart Failure Society of America 6th Annual Meeting, Boca Raton FL, September, 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. Published in the *Journal of Cardiac Failure* 7(5) supplement: 2001. Poster at the Heart Failure Society of American 5th Meeting, Washington DC, September, 2001.

PROFESSIONAL MEMBERSHIP

2013	Midwest Nursing Research Society
2012-present	Preventive Cardiology Nursing Association
2007-present	The American Physiological Society
2006-present	American Association of Heart Failure Nurses
2000-present	Council on Cardiovascular Nursing, National 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-present	American Association of Critical Care Nurses, Local
1981-present	American Association of Critical Care Nurses, National

PROFESSIONAL AND COMMUNITY SERVICE/ACTIVITIES

Reviewing:

2012	Reviewer for <i>Journal of Cardiovascular Nursing, Biological Research for Nursing</i>
2006	Book review, <i>Advanced Health Assessment and Diagnostic Reasoning</i>
2004, 2005	Student Scholarship Applications Northwest Chicago Area Chapter of American Association of Critical Care Nurses.
2003-2007	Abstract reviewer for the American Heart Association Council on Cardiovascular Nursing Research Award.

Professional Activities:

2014-2016	Program Committee, American Heart Association, Cardiovascular Nursing Council (Invited).
2014	Chair-elect, Midwest Nursing Research Society (Elected) Acute Care Section.
2013-current	American Heart Association, Cardiovascular Nursing Council Clinical Practice Award Committee (Invited).
2004-2005	Board of Directors Member, Northwest Chicago Area of American Association of Critical Care Nurses (NWCAC-AACN), Awards and Scholarship Chair.
2000-2004	Co-chair of the Midwest American Heart Association, Cardiovascular Nursing Forum.
1995	Chair, Exhibits/Posters for the Midwest Conference for NWCAC.
1994	Committee member, Local AHA Cardiovascular Nursing Forum.
1991-1993	Board of Directors NWCAC-AACN, Marketing Chair.
1985-1994	Committee member (education, seminars, membership, marketing), Local AACN Northwest Chicago Area Chapter.

Media:

1994	Interviewed for an article regarding nursing in feature section "Jobs," <i>Chicago Tribune</i> .
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Precepting Graduate Students:

2006-present	Preceptor, University of Illinois
2001-2003	Precepted UIC PharmD students, Heart Failure Clinic, Glenbrook Hospital, Glenview, IL
2001-2003	Adjunct Faculty, North Park College, Chicago IL
1996-2005	Adjunct Faculty, Rush University, Chicago, IL
1998-2002	Adjunct Faculty, Loyola University, Maywood, IL

UIC Committees:

2014	Member (invited), RUHFR (reducing Unwanted Heart Failure Readmissions)
2014	Curriculum Revision Team Leader for Pharmacotherapeutics
2005-2006	Ad hoc Committee Member, Integrating evidence based practice into the nursing curriculum
2004-2007	Medical-Surgical Dept. representative for the Nursing Service Plan College of Nursing
2005-2006	Member, Doctorate in Nursing Practice Curriculum Committee
2003-2012	Member, Quality Team for Heart Failure/AMI, University of Illinois Medical Center at Chicago

Community Service:

2012	Tell a Friend: CV Disease and Women, Presenter, Faith Community Church, Bensenville, IL
2006-present	Volunteer, Night Ministry
2004	Stomp Out Stroke, Coordinator, Peace Church, Bensenville, IL
1986-1988	Volunteer, PADS, Peace Church, Bensenville, IL

TEACHING EXPERIENCE (University of Illinois at Chicago) GEP= graduate entry program;
non-traditional nursing students)

2013; 2014	Lecturer, The Basics of 12 lead EKG, UIC College of Nursing 75 Family, Pediatric, Midwifery NP students.
2013	Lecturer (invited), Using a 12 Lead EKG in A Research Protocol, UIC Clinical Research Center, Research Staff
2013; 2014	Lecturer, 12 lead EKG Patterns of Ischemic, UIC College of Nursing 16 Acute Care NP students.
2013	Guest lecturer, Update on Atrial Fibrillation, UIC College of Nursing 30 Acute Care and Adult NP students.
2011-2013	Lecturer, Kyung Hee and Seoul National University semester abroad, taught cardiac section (24 hours via translator) to 10 undergraduate Korean nursing students; (8 hours of instruction in 2012; 16 hours in 2013).
2011	Guest lecturer, Management of Acute and Chronic Heart Failure, Rush University, 75 APN students, Chicago, IL.
2010-2013	Guest lecturer, PT 506 Physical Therapy Rehab Seminar, "Heart Failure and Exercise" 15 students.
2010-present	Coordinator and Lecturer, Pathophysiology and Pharmacotherapeutics NUSC 401 and 402, 7 SEM). Core GEP course. Content taught: all CV disorders, basic pharmacology, cell injury, inflammation, genetics, pharmacogenomics, sensory, oxygenation, reproduction. Revised course 2010.
2010-2011	Lecturer, Urban Health Program. Taught respiratory and cardiac lectures to 5-10 incoming masters level students.
2009-present	Guest lecturer, Heart failure management and arrhythmia recognition (PT 635) 56 Physical Therapy students (3 SEM).
2006-present	Lecturer, (NUSC 531 Pharmacotherapeutics) Core course for the masters program (5 SEM) 90-100 students
2006-present	12 EKG recognition for 20-30 APN students (1-2 hours) annually.
2006-2010	GEP senior clinical synthesis and capstone project. Converted student schedules and journal entries to online format. Supervised 7-12 students and staff preceptors in critical care settings at UIC 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.
2007-2009	Guest lecturer. Undergraduate special topic course in critical care nursing (3 SEM) 10-15 undergraduate nursing students.

- 2007 Co-coordinated fundamentals of nursing for undergraduates (NUSC 225, 1 SEM) 70 undergraduate nursing students.
- 2006-2007 Instructor for undergraduate research section (NUSC 322, 2 SEM). Students placed first and third in poster competition in 2006.
- 2005-2006 Coordinator, GEP fundamentals course and lab (7 hr credits); coordinated clinical placements, lab simulations, and physical assessment for first GEP class (40 students).
- 2004-2006 Guest lecturer, cardiac and respiratory lectures in physical assessment 100 undergraduate class (2 SEM).
- 2003-2006 Clinical Instructor for 8-10 junior/senior undergraduate medical-surgical practicum (3 SEM).

NON-ACADEMIC TEACHING EXPERIENCE

- 1994-2000 Taught 12-lead, basic EKG and critical care courses every 8 weeks to new nursing orientees.
- 1985-1994 Taught basic principles of EKG interpretation to staff nurses. Designed and implemented unit orientation for new staff in critical care units.