

Rebecca G. Tucker, PhD, MEd, ACNPC, RN
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EDUCATION

- 2007- 2012 **Doctorate (PhD) in Health Practice Research**
University of Rochester,
Rochester, NY
- 2007- 2010 **Masters (MS) in Nursing, Acute Care Nurse Practitioner**
University of Rochester, **GPA: 4.0**
Rochester, NY
- 2004- 2005 **Bachelor of Science (BS) in Nursing**
University at Buffalo, **GPA: 4.0**
Buffalo, NY
- 1999- 2002 **Masters of Education (MEd) in Kinesiology**
Temple University, **GPA: 4.0**
Philadelphia, PA
- 1995 - 1998 **Bachelor of Science (BS) in Psychology and Physical Education**
State University of New York College at Brockport, Concentration
in Exercise Physiology, **GPA: 3.97**, Summa Cum Laude, Academic All-American
Brockport, NY

PROFESSIONAL EXPERIENCE

The long-term goal of my clinical practice is to improve the health of those suffering from cardiovascular disease and to promote the prevention of development of cardiovascular disease. I am passionate about increasing patients' quality of life, supporting their autonomy, and informing them of best practice treatment options. My first experience with cardiac patients was in 2002 when I worked in cardiac rehabilitation as an exercise physiologist. My passion for cardiology grew as I earned my BS in nursing and was hired to work as a Registered Nurse in the cardiac intensive care unit. For the last ten years I have had the pleasure of caring for patients as a Nurse Practitioner at Strong Memorial Hospital in the Cardiac Care Unit that transitioned to become the Heart Center in 2020.

- 2011 - present **Nurse Practitioner**
Department of Cardiology
Strong Memorial Hospital, Rochester, NY
NPI 1891091575; License #F430515-1
PECOS enrolled and registered with Medicare
- 2005 - 2010 **Registered Nurse**
Inpatient Cardiac Surgical Units including ICU
Rochester General Hospital, Rochester, NY
- 2002 -2004 **Exercise Physiologist**
Cardiac Rehabilitation Program
Kaleida Health System, Buffalo, NY

TEACHING

The long-term goal of my teaching practice is to facilitate nurses and nurse practitioners to have the skills and resources needed to best care for their patients/families. I am especially passionate in teaching pharmacology, pathophysiology and health assessment to both undergraduate and graduate nurses. In order to keep my instruction applicable to clinical practice, I continue to work as a clinician and strive to publish in the fields that I am currently teaching. In addition to my academic roles within the school of nursing, I have also served as an advisor and preceptor for Acute Care Nurse Practitioner students in the clinical setting since 2014. In recent years, I have advanced to be a lead instructor in multiple classes and have mentored multiple faculty members.

- 2012 – present **Assistant Professor of Clinical Nursing**
School of Nursing
University of Rochester, Rochester, NY
- 2010 - 2012 **Senior Associate Instructor**
School of Nursing
University of Rochester, Rochester, NY
- 1999 - 2001 **Graduate Teaching Assistant**
Temple University, Philadelphia, PA

University of Rochester School of Nursing

ACADEMIC COURSES

- 2018 – present Advanced Physiology and Pathophysiology, Graduate
Lead instructor; mentored multiple faculty instructors
Merged the on-line and in-person versions of the class to be equivalent in content and student requirements
Teach the course three times a year
- 2017- present Advanced Pharmacology, Graduate
Lead instructor
Transitioned course from in-person to complete on-line
Teach the course three times a year
- 2016 - 2020 Physiology, Pathophysiology, and Pharmacology for Nursing Leaders, Graduate
Designed course for new Masters in Nursing Education Program
Lead instructor; mentored faculty in 2021 to take over teaching the course
- 2014 - 2017 Advanced Health Assessment, Graduate
Taught lab and didactic portions of the course
- 2014 Comprehensive Nursing Assessment Refresher, Undergraduate
- 2013 - 2019 Management of Adult Lifespan Patients, Nurse Practitioner
Lead instructor role and mentored faculty 2016 - 2019
- 2012 - 2018 Pathophysiology/Pharmacology, Undergraduate
- 2012- 2013 Therapeutic Interventions II, Undergraduate

- 2009 Teaching Assistant, Pathophysiology, Undergraduate
- 2009 Teaching Assistant for Statistics and Pathophysiology/Pharmacology, Undergraduate
- 2008 Tutor for Statistics, Undergraduate
- 2007 Teaching Assistant for Evidence Based Practice Course, Undergraduate

GRADUATE STUDENT SUPERVISION AND ADVISING

- 2015 - present Advisor for Adult Gerontology Acute Care Nurse Practitioner Students
- 2021 Preceptor for Adult Gerontology Acute Care Nurse Practitioner Student – Megan Casaccia
- 2020 Preceptor for Adult Gerontology Acute Care Nurse Practitioner Student – Sarah Yandow
- 2019 Preceptor for Adult Gerontology Acute Care Nurse Practitioner Student – Amanda Wilson
- 2018 Preceptor for Adult Gerontology Acute Care Nurse Practitioner Student – Ashley Santillo
- 2014 Preceptor for Adult Gerontology Acute Care Nurse Practitioner Student – Shawna Hyland

RESEARCH/CLINICAL SCHOLARSHIP

The long-term goal of my research program is to improve the prevention of cardiovascular disease and to promote the quality of life of those living with cardiovascular disease. My work as a doctoral student focused on the quality of life of patients living with heart failure. I also examined the perceptions of family caregivers/significant others regarding patients' quality of life. After graduating, I participated in an interdisciplinary racial equity presentation series to enhance awareness of racial inequity and facilitate an optimal learning/working environment at the University of Rochester Medical Center. In recent years, my clinical scholarship has focused on updating pharmacology resources for nurses to facilitate increased knowledge and education in clinical settings.

- 2008 - 2012 **Research Assistant**
 "Recognition of Decompensating Heart Failure by Patients and Their Family Caregivers/Significant Others" (AHA) & "Feasibility of Conversational Systems for Patient Care" (NBIB, R21), PI: Quinn
- 2002 - 2004 **Research Technician – Exercise Physiology**
 University at Buffalo, Buffalo, NY
- 2001 **Graduate Research Assistant**
 Temple University, Philadelphia, PA

Grants

- 2011 – 2012 NINR Individual National Research Service Award (1F31NR012886-01) "Exercise Behavior in Heart Failure Patients", \$29,402. PI. Tucker

Publications

Tucker, R. (2022). *2022 Lippincott Pocket Drug Guide for Nurses*. Wolters Kluwer.

Tucker, R. (2021). *2021 Lippincott Pocket Drug Guide for Nurses*. Wolters Kluwer.

Karch, A.M., & **Tucker, R.** (2020). *2020 Lippincott Pocket Drug Guide for Nurses*. Wolters Kluwer.

Attin, M., Rosero, S., Ding, J., Nolan, S., & **Tucker, R.** (2017). Changes in paced signals may predict in-hospital cardiac arrest. *Pacing and Clinical Electrophysiology* DOI: 10.1111/pace.13223

Tucker, R.G., Quinn, J.R., Chen, D., & Chen, L. (2016) Psychometrics of the Kansas City cardiomyopathy questionnaire adapted for family caregivers/significant others. *Journal of Nursing Measurement*, 24(3), 142-161.

Attin M, **Tucker, R.G.** & Carey M.G. (2016). In-Hospital Cardiac Arrest: An Update on Pulseless Electrical Activity & Asystole. *Critical Care Clinics of North America*,28(3),387-397.

Tucker, R.G., Quinn, J.R., Chen, D., & Chen L. (2016). Kansas City cardiomyopathy questionnaire (KCCQ) administered to hospitalized heart failure patients. *Journal of Nursing Measurement*, 24(2), 245-257.

Tucker, R.G. (2012). *Relationship between patient health status as perceived by heart failure patients and their significant others and re-hospitalization*. Unpublished PhD dissertation. University of Rochester, Rochester, NY.

Quinn, J.R., Friedman, M.M., Chen, L., Brasch, J., Smith, J.A., Clinton, C., Robillard, I. & **Tucker, R.** (2010). Recognition of Worsening Heart Failure by Patients and Family Caregivers/Significant Others: Impact on Decision to Contact Providers and Time to Hospitalization. *Circulation*, 122, A17813.

Quinn, J.R., **Tucker, R.**, Chen, L., Horwitz, C., & Ferguson, G. (2008). Heart failure patients' use of computer technology for self-care management. *Journal of Cardiac Failure*, 14(6), S98.

Tucker, R.G. (2001). *The relationship of exercise incentives and total volume of exercise to exercise adherence in cardiac rehabilitation patients*. Unpublished master's thesis, Temple University, Philadelphia, PA.

Presentations, Local

- Tucker, R.G. (Feb 10 and 26, 2020). Cardiac Care Patients. Retreat for cardiology nursing staff. Rochester, NY
- Tucker, R.G. & Meng, Y. (January, 2020). Racial Equity Learning: Perspectives in Education. School of Nursing, University of Rochester, Rochester, NY
- Tucker, R.G. & Wharton, M. (November, 2019). Racial Equity Learning: Evaluation in Art. School of Nursing, University of Rochester, Rochester, NY
- Tucker, R.G. & Wharton, M. (October, 2019). Racial Equity Learning: The Poetry in Me Writing Workshop. School of Nursing, University of Rochester, Rochester, NY
- Tucker, R.G. & Wharton, M. (September, 2019). Racial Equity Learning: Creating Authentic Partnerships. School of Nursing, University of Rochester, Rochester, NY
- Tucker, R.G. (May 23, 2019). Pathophysiology of disease processes. Cardiology certification review class. Strong Memorial Hospital, Rochester, NY
 - This lecture is offered on a continuous basis for nurses studying for their cardiology certification. Approximately 33 nurses have earned certification since the review class was first presented.

- Tucker, R.G. (May 2, 2019). 2019 Pharmacology Update. 24th Annual Master's Program Preceptor Workshop and Recognition Day. University of Rochester, School of Nursing, Rochester, NY
- Tucker, R.G. & Conyers, Y. (March, 2019). Racial Equity Learning: Building Community in Our Schools. School of Nursing, University of Rochester, Rochester, NY
- Tucker, R.G. & Conyers, Y. (January, 2019). Racial Equity Learning: An introduction. School of Nursing, University of Rochester, Rochester, NY
- Tucker, R.G. & Conyers, Y. (November, 2018). Racial Equity Learning: Reframing the written and unwritten rules of history, policy and law. School of Nursing, University of Rochester, Rochester, NY
- Tucker, R.G. (April, 2018). Racial Equity Learning: Building a steady wisdom that informs our moral compass. School of Nursing, University of Rochester, Rochester, NY
- Tucker, R.G. (April, 2018) Pathophysiology of disease processes. Cardiology certification review class. Strong Memorial Hospital, Rochester, NY
- Tucker, R.G. (April, 2018). Racial Equity Learning: Where do we start? 2018 University-wide Annual Diversity Conference, University of Rochester, Rochester, NY.
- Tucker, R.G. (January, 2018). Racial Equity Learning: An introduction. University of Rochester, Rochester, NY
- Tucker, R.G. (2017). Oral anticoagulants. Margaret D. Sovie Institute for Advanced Practice, Innovation and Scholarship, Strong Memorial Hospital, Rochester, NY.
- Tucker, R.G. (2017). Writing abstracts. Strong Memorial Hospital, Rochester, NY.
- Tucker, R.G. (2012). Relationship between patient health status as perceived by heart failure patients and their significant others and re-hospitalization. School of Nursing, University of Rochester, Rochester, NY.
- Tucker, R.G. (2011). Relationship between patient health status as perceived by heart failure patients and their significant others and re-hospitalization. School of Nursing, University of Rochester, Rochester, NY.
- Tucker, R.G. (2010). Heart failure patients and exercise. School of Nursing, University of Rochester, Rochester, NY.
- Tucker, R.G. (2009). Heart failure patients and exercise. School of Nursing, University of Rochester, Rochester, NY.
- Tucker, R.G. (2008). Meaning of death to critical care staff. School of Nursing, University of Rochester, Rochester, NY.
- Tucker, R.G. (1998). Imagery Skills and Field Hockey. SUNY Brockport, Brockport, NY.

Presentations, National

- Quinn, J.R., Friedman, M., Tucker, R., Chen, L., & Carey, M.G. (2014, September) Relationship of

Family Caregivers' Perception of Patients' Health Status and Time to hospitalization. Poster, 18th Annual Scientific meeting of the Heart Failure Society of America, Las Vegas, NV.

- Quinn, J.R., Friedman, M., Stein, K.F., Tucker, R., & Chen, D.G. (2014, September.). Family Caregivers' Perceptions of Patients' Health Status and Time to Hospitalization for Decompensating Heart Failure. Poster, State of the Science Congress on Nursing Research, the Council for the Advancement of Nursing Science, Washington, DC.
- Wolf, A., Tucker, R., & Massaro, L. (2014). Khan Academy Style Videos in Nursing Education. Paper, NONPF 40th Annual Meeting, Denver, CO.
- Quinn, J.R., Stein, K.F., Friedman, M.N., Chen, L., Tucker, R., & Chen, D.G. (2013) Recognition of worsening heart failure and care seeking by chronic heart failure patients prior to hospitalization. Poster, Council for the Advancement of Nursing Science (CANS) Conference, Washington, DC.
- Quinn J, Tucker R, **Chen L**, Brasch J, Smith J. (2011, September). Symptom Recognition and Decision To Seek Care by Both Chronic Heart Failure Patients and Their Family Caregivers/Significant Others Prior to Hospitalization. 15th Annual Scientific Meeting of the Heart Failure Society of American, Boston, MA (presentation).
- Quinn, J.R., Tucker, R., Chen, L., Brasch, J., Smith, J.A., & Chen, D.G. (May, 2011). Comparing Perceptions of Chronic Heart Failure Patients' Health Status Prior to Hospitalization by Patients and Family Caregivers/Significant Others. Poster, Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke Scientific Sessions, Washington, DC.
- Quinn J, Friedman M, **Chen L**, Brasch J, Smith J, Clinton C, Robillard I, Tucker R. (2010, November). Recognition of Worsening Heart Failure by Patients and Family Caregivers/Significant Others: Impact on Decision to Contact Providers and Time to Hospitalization. American Heart Association Scientific Sessions, Chicago, IL (poster).
- Tucker, R.G. (March, 2009). Evidence to date on the relationship of social support in heart failure patients' exercise adherence. Poster, Eastern Nursing Research Society Conference, Boston MA.
- Quinn, J.R., Tucker, R., Chen, L., Horwitz, C., & Furguson, G. (September, 2008). Heart failure patients' use of technology for self-care management. Poster, Heart Failure Society of America Conference, Toronto, Canada.
- Tucker, R.G. (Spring, 2001). The Relationship of Exercise Incentives and Total Volume of Exercise to Exercise Adherence in Cardiac Rehabilitation Patients. Thesis paper, Northeast Atlantic Sport Psychology Conference, Philadelphia, PA.
- Tucker, R.G. (Spring, 2001). Do Antioxidants Enhance Blood Flow and Attenuate Muscle Fatigue? Poster, Teaching Excellence Recognition Award Conference, Temple University, Philadelphia, PA.

PROFESSIONAL SERVICE

I am committed to life-long professional and community service. I feel blessed to have had the opportunities for practice, education and research so I have devoted service to committee work to all three domains. When serving on the Research and Evidence-based Practice Council I was able to facilitate nursing research in the clinical setting. I was able to use my education expertise when serving on the Curriculum Committee for the School of Nursing. Recently I was honored to work with nurses and providers to facilitate a smooth structural transition of the Cardiology Department in Strong Memorial Hospital to an integrated Heart Center. My overarching goal for professional and community service is to enhance health of community while increasing professional and educational opportunities for all people.

2020 – present	Member, Committee for Clinical Appointment & Promotion School of Nursing, University of Rochester, Rochester, NY
2019-2020	Member, Committee for Heart Center Transition Cardiology Department, Strong Memorial Hospital, Rochester, NY
2017- 2019	Member, Council for Diversity and Inclusiveness School of Nursing, University of Rochester, Rochester, NY
2015 – present	Member, Heart and Vascular Center Advanced Practice Provider Strong Memorial Hospital, Rochester, NY
2014- 2015	Member, Strategic Planning Advisory Council University of Rochester School of Nursing, Rochester, NY
2014 – 2017	APN Co-Chair, Research and Evidence-based Practice Council Strong Memorial Hospital, Rochester, NY
2013 – 2017	Member, Curriculum Committee University of Rochester School of Nursing, Rochester, NY
2012 – present	Member, AG-ACNP Faculty Committee University of Rochester School of Nursing, Rochester, NY
2012	Member, Academic Integrity Task Force Committee University of Rochester School of Nursing, Rochester, NY
2011- 2012	Student Member of Curriculum Committee University of Rochester School of Nursing, Rochester, NY
2010-2011	Secretary, PhD Student Forum University of Rochester School of Nursing, Rochester, NY
2007-2011	Treasurer, PhD Student Forum University of Rochester School of Nursing, Rochester, NY
2006- 2008	Member, Nursing Research Committee Rochester General Hospital, Rochester, NY

PROFESSIONAL SOCIETY MEMBERSHIPS

2018 – present	American College of Cardiology Mission is to transform cardiovascular care and improve heart health worldwide. Active member
2007 – present	American Association of Critical-Care Nurses Vision is a dedication to creating a healthcare system driven by the needs of patients and families where acute and critical care nurses make their optimal contribution. Active member Critical Care Nursing Certification (CCRN) 2010 – 2013 Acute Care Nurse Practitioner Certification (ACNPC) 2011 – present

2005 – present Sigma Theta Tau – International Honor Society of Nursing
Mission is to develop nurse leaders globally to improve healthcare around the world.
Inducted at undergraduate nursing student
Active member

COMMUNITY SERVICE

2018 – 2020 Religious education teacher, Spiritus Christi Church

2014 - 2015 Dimitri House, food cupboard volunteer

2010 - 2012 Caring Connection Communication Team Leader, Spiritus Christi Church

2006, 2007 Overnight volunteer at Dimitri House, Homeless Shelter

2003 Day of Caring Volunteer

2000 -2001 Recreation Assistant for Developmentally Disabled Women

2001 Mentor for Women in Sports and Science Clinics, Temple University

1998, 1999 Rider in Tour de Cure, American Diabetes Association

1997 Worker for Teen World Outreach to Guatemala City

LICENSES AND CERTIFICATIONS

2011 – present ACNPC, American Association of Critical-Care Nurses
(Clinical practice and 50+ hours of continuing education/year to maintain certification)

2010 – present Acute Care Nurse Practitioner, New York State

2007 - 2013 CCRN, American Association of Critical-Care Nurses

2005 - present Registered Nurse License, New York State

Present Basic Life Support Certification, American Heart Association

Present Advanced Life Support Provider Certification, American Heart Association

HONORS AND AWARDS

2017 Outstanding Scholarly Practitioner, School of Nursing, University of Rochester

2011 NINR Individual National Research Service Award, National Institute of Health

2011 Deans Excellence in Teaching Award, School of Nursing, University of Rochester

2010 Sarah and Ernest Taylor Memorial Nursing Award, University of Rochester

2008-2010 Graduate Assistance in Areas National Need (GANNS) Nursing Scholars Award

2007-2009 Loretta C. Ford Fellow Scholarship for MS/PhD program and University of Rochester

2005 Sigma Theta Tau, International Honor Society of Nursing

2003 SUNY Brockport Athletic Hall of Fame