

Rebecca G. Tucker, PhD, MEd, ACNPC, RN
University of Rochester Medical Center/School of Nursing
601 Elmwood Ave, Box SON, Rochester, NY 14642
Rebecca_Tucker@urmc.rochester.edu

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. Since 2011, 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. I have expanded practice to work on the Cardiology Consult team that is a service to assist with management of patients with cardiovascular problems across the entire hospital system.

- 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

1999 **Fitness Programmer**
Rochester Athletic Club, Rochester, NY

1999 **Physical Education Teaching Assistant**
St. Joseph's Villa, Rochester, 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. 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 also continue to serve as an advisor and preceptor for Acute Care Nurse Practitioner students. In recent years, I have advanced to be a lead instructor in multiple classes and have mentored faculty members.

2023 – present **Associate Professor of Clinical Nursing**
School of Nursing
University of Rochester, Rochester, NY

2012 – 2023 **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
- Merged the on-line and in-person versions of the class to be equivalent in content and student requirements

2017- present Advanced Pharmacology, Graduate

- Lead instructor
- Transitioned course from in-person to complete on-line

2016 - 2020 Physiology, Pathophysiology, and Pharmacology for Nursing Leaders, Graduate

- Designed course for new Master's in Nursing Education Program
- Lead instructor; mentored faculty in 2021

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 <ul style="list-style-type: none"> • Took 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 ADVISEMENT

2015 - present	Advisor, Adult Gerontology Acute Care Nurse Practitioner Students
2023	Preceptor, Adult Gerontology Acute Care Nurse Practitioner Student – Matthew Drew
2022	Preceptor, Adult Gerontology Acute Care Nurse Practitioner Student – Lauren Murray
2021	Preceptor, Adult Gerontology Acute Care Nurse Practitioner Student– Megan Casaccia
2020	Preceptor, Adult Gerontology Acute Care Nurse Practitioner Student– Sarah Yandow
2019	Preceptor, Adult Gerontology Acute Care Nurse Practitioner Student– Amanda Wilson
2018	Preceptor, Adult Gerontology Acute Care Nurse Practitioner Student– Ashley Santillo
2018	Preceptor, Masters of Nursing Education Student- Donna Steo
2014	Preceptor, Adult Gerontology Acute Care Nurse Practitioner Student– Shawna Hyland

RESEARCH/CLINICAL SCHOLARSHIP

The long-term goal of my program of research/practice inquiry is to improve the prevention of cardiovascular disease and to promote the quality of life of those living with cardiovascular disease. My doctoral work focused on the quality of life of patients living with heart failure. I have also examined the perceptions of family caregivers/significant others regarding patients' quality of life. In addition, I have had the honor of disseminating Racial Equity education via local presentations. As my teaching career progressed, my clinical scholarship also evolved. I am involved in editing and authoring pharmacology texts for undergraduate nursing education. I have also had the opportunity to contribute to dissertation research of PhD candidates and collaborate with publications with faculty evaluating patients diagnosed with cardiovascular conditions.

- 2008 - 2012 **Research Assistant**
"Recognition of Decompensating Heart Failure by Patients and Their Family Caregivers/ Significant Others" (American Heart Association; NBIB, R21), PI: Quinn

"Feasibility of Conversational Systems for Patient Care" (American Heart Association; NBIB, R21), PI: Quinn
- 2002 - 2004 **Research Technician – Exercise Physiology**
Temple University, Philadelphia, PA

Grant Funding

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

Publications

- Bhattarai, S.P., Dzikowicz, D.J., Xue, Y., Block, R., **Tucker, R.G.**, Bhandari, S., Boulware, V.E., Stone, B., & Carey, M.G. (2025). Estimating very low ejection fraction from the 12 lead ECG among patients with acute heart failure. *Journal of Electrocardiology*. 89.
<https://doi.org/10.1016/j.jelectrocard.2025.153878>
- Tucker, R.** (2025). *2025 Lippincott pocket drug guide for nurses*. Wolters Kluwer.
- Tucker, R.** (2024). *2024 Lippincott pocket drug guide for nurses*. Wolters Kluwer.
- Bhattarai, S.P., Block, R.C., Xue, Y., Rodriguez, D.H., **Tucker, R.G.**, & Carey, M.G. (2024). Integrative review of electrocardiographic characteristics in patients with reduced, mildly reduced, and preserved heart failure. *Heart and Lung- the Journal of Acute and Critical Care*, 63(2024), 142-158.
<https://doi.org/10.1016/j.hrtlng.2023.10.012>
- Tucker, R.** (2023). *Karch's focus on nursing pharmacology* (9th ed.). Wolters Kluwer.
- Tucker, R.** (2023). *2023 Lippincott pocket drug guide for nurses*. Wolters Kluwer.
- 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 patients with heart failure. *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 [Offered on a continuous basis for nurses studying for their cardiology certification. Approximately 33 nurses have earned certification to date]
- **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 feel extremely blessed and honored to be able to serve on a variety of types of committees that have had focus in research, practice, and education. I believe it is extremely important to facilitate all three domains since all are important to enhance the nursing profession. In all my service work I am dedicated to improving access to health care and incorporation of healthy lifestyles. I am also devoted to facilitating equity, diversity, and inclusion to all.

2024- present	Member, Faculty Governance Committee University of Rochester School of Nursing, Rochester, NY
2024	Member, Strategic Plan Task Force Practice Workgroup University of Rochester School of Nursing, Rochester, NY
2023 – present	Member, Curriculum Committee University of Rochester School of Nursing, Rochester, NY
2023 – present	Member, Faculty Senate's Benefits Committee University of Rochester, Rochester, NY
2019 – 2023	Member, Committee for Clinical Appointment & Promotion University of Rochester School of Nursing, Rochester, NY
2019 – 2020	Member, Committee for Heart Center Transition Team University of Rochester Medical Center, Rochester, NY

2017- 2019	Member, Council for Diversity and Inclusiveness at the School of Nursing, University of Rochester, Rochester, NY
2015 – present	Member, Heart and Vascular Center Advanced Practice Providers (APPs) 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

2024 – present	National Organization of Nurse Practitioner Faculties Mission is to optimize quality and cultivate leadership in NP education. Active member
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

2022	Cardiology Provider Health Consultation, The Vineyard Farm
2022	University of Rochester LGBTQ+ Safe Space Champion
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 continuing education 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 Provider 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	Dean's 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