

EDUCATION

- 2011 PhD **University Of Nebraska Medical Center**
Major: Nursing
Dissertation: *Predictors of Overall Perceived Health in Patients with Heart Failure.*
- 1995 MS **San Diego State University**
Summa Cum Laude
Major: Nursing, Critical Care Clinical Nurse Specialist Concentration
Graduate Project: *Development of a Model for an On-Line Research-Based Practice Database for Critical Care Nurses.*
Project provided to the American Association of Critical-Care Nurses.
- 1991 BSN **California State University, Dominguez Hills**
Magna Cum Laude
Major: Nursing
- 1972 Diploma **Hollywood Presbyterian Hospital School Of Nursing**
Major: Nursing

PROFESSIONAL EXPERIENCE

- 2000-Present **SAN DIEGO STATE UNIVERSITY, COLLEGE OF HEALTH AND HUMAN SERVICES, SCHOOL OF NURSING**, San Diego, CA
ASSISTANT PROFESSOR (2014) and GRADUATE ADVISOR

Administrative

Graduate Advisor (Fall 2011 to present)

Program/Course Development

- Teaching and Learning in Nursing Education
- Theory and Research Bases of Nursing
- MS in Nursing, Nursing Education Concentration
- Advanced Practice Nursing: Acute/Critical Care Theory and Technology
- Nursing Care of the Complex, High Acuity, and Critically Ill Patients
- Basic Electrocardiography
- Restructure of Adult Critical Care Laboratory Experience

Teaching

- Course Coordinator graduate level (Spring 2005 to Fall 2014):
 - Theory and Research Bases of Nursing
 - Teaching and Learning in Nursing Education
 - Advanced Practice Nursing: Acute/Critical Care Theory and Technology
 - Advanced Practice Nursing: Acute/Critical Care Practicum
- Course Coordinator undergraduate level:
 - Nursing Care of the Complex, High Acuity, and Critically Ill Patients (Spring 2010 to present)
 - Basic Electrocardiography (Spring 2000-Fall 2011)
 - Basic Concepts in Critical Care Nursing (Spring 2000-Spring 2010)

- Clinical Instructor undergraduate Adult Critical Care and Leadership labs

Service Activities

School of Nursing Committees and Task Forces

- Graduate Program Committee (Chair, 2014-2015)
- Faculty Search Committee (2014-2015)
- Peer Review Committee (2014-2015)
- Curriculum Redesign: 5-semester to 4-semester Program
- Faculty Board Strategic Planning
- Curriculum Redesign: 6-semester to 5-semester Program
- Advanced Medical-Surgical Nursing Task Force

SDSU Committees and Task Forces

- Standard Classroom Response System Task Force
- SDSU Faculty Hearing Panel
- ITS Digital Media Systems Specialist Selection Committee

Student Supervision Activities

- Thesis Committee Member: Mary Abott (Nursing). *Moral Distress Among Healthcare Providers in the ICU Environment* (Fall 2014-Spring 2015)
- Dissertation Committee Member (External): Tanna Thomason (Nursing, USD). *Telehealth for HF Patients* (Fall 2013-present)
- Faculty Supervisor Comprehensive Evidence-Based Change Project: Erika Rodriguez (Nursing). *Implementation of a Sepsis Screening Tool and Treatment Protocol* (Fall 2012-Spring 2013)
- Thesis Committee Member: Kelley Hagerich (Epidemiology). *Proinsulin, C-peptide, and Insulin as Independent Predictors of All-Cause and Cause-Specific Mortality in Older Adults* (Fall 2011-Spring 2012)
- Faculty Supervisor Comprehensive Evidence-Based Change Project: Debra Bennett (Nursing). *Improving Heart Failure Patient Education* (Fall 2011)

1995-2000

SAN DIEGO STATE UNIVERSITY, COLLEGE OF HEALTH AND HUMAN SERVICES, SCHOOL OF NURSING, San Diego, CA

ADJUNCT FACULTY

Graduate and undergraduate instruction:

- Patient Education
- Oxygen Delivery and Consumption
- Nutritional Support
- Pacemakers

1993-2007

SHARP HEALTHCARE, San Diego, CA

SENIOR RESEARCH CONSULTANT

Co-Principal Investigator - Evaluation of the Validity and Reliability of the Self-Care of Heart Failure Index (SCHFI), an original tool developed with Dr. Barbara Riegel to measure self-care abilities of patients with HF.

Project Manager in disease management and outcomes research. Primarily directing multiple single and multi-site studies of various approaches to the management of cardiac disease:

- Evaluating the Economic and Clinical Impact of Medley Medication Smart IV System with the Guardrail Safety Software (Site Project Manager)

- Development of a National Heart Failure Registry (Site Project Director)
- Reducing Pre-hospital Delay in Acute Myocardial Infarction (Site Project Director)
- Improving Quality and Efficiency: Coordinated Care Benefit for Medicare Beneficiaries with Heart Failure (Site Project Director)
- Effectiveness of Telephonic Case Management in Decreasing Rehospitalization in Hispanics with Heart Failure (Project Director)
- Evaluation of Ethnic Differences in Quality of Life in Persons with Heart Failure (Project Director)
- Computer-Supported Telephonic Case Management Intervention for Heart Failure Patients (Project Director)
- Multidisciplinary Disease Management Program for Patients with Heart Failure (Project Director)
- Development and Testing of a Measure of Self-Care for Heart Failure Patients, the Self-Care of Heart Failure Index (Project Director)
- Peer Mentoring to Improve Self-Care of Heart Failure (Project Director)
- Evaluation of the Sensitivity of the Minnesota Living with Heart Failure Questionnaire (Project Director)
- Development and Testing of an Intervention for Confused Heart Failure Patients study (Project Director)
- Cardiac Rehabilitation Program Evaluation (Research Associate)
- National Study of the Nursing Care of AMI Patients (Research Associate)
- Long-Term Outcome Study of AMI Patients (Research Associate)

1975-Present

INDEPENDENT CONSULTING*LECTURER AND CONSULTANT IN CRITICAL CARE NURSING*

Primary lecture topics: shock, oxygenation, hemodynamic monitoring, pacemaker therapy. Past consultant to American Association of Critical-Care Nurses National Office and IQ NOW for PRAISE on-line clinical database supporting evidence-based practice. Past member of Clinical Advisory Board, Cardiotronics Systems. Past writer for Health Education, International in development of behavioral objectives and test items for CE articles for numerous major medical and nursing journals.

1993-1997

GROSSMONT COLLEGE, DEPARTMENT OF NURSING EDUCATION, El Cajon, CA*INSTRUCTOR**Lecturer - Oxygenation Module*

1995-1996

SHARP HEALTHCARE, San Diego, CA*OUTCOMES MANAGEMENT CONSULTANT*

Responsible for development, implementation and analysis of system-wide clinical mapping program incorporating evidence-based practice goals.

1994-1995

SHARP CHULA VISTA MEDICAL CENTER, Chula Vista, CA*PER DIEM STAFF NURSE*

Staff nurse in intensive care and post-anesthesia care units.

1993-1994

ACTING CRITICAL CARE CLINICAL NURSE SPECIALIST

All aspects of the CNS role: advanced practice, education, consultation, management, research. Facilitated preparation for JCAHO/Title 22 inspection. Developed hospital-wide standard of care model.

- 2011 Finalist, American Heart Association Cardiovascular Nursing Council, Martha N. Hill New Investigator Award
- 2008 Outstanding Faculty Award, SDSU School of Nursing
- 1996 Nursing Research Award, Sigma Theta Tau, Gamma Gamma Chapter
- 1995 Outstanding Graduate Student, SDSU Nursing Division
- 1995 Outstanding Research Award, SDSU Nursing Division
- 1986 Who's Who in American Nursing
- 1972 Outstanding Scholastic Achievement, Hollywood Presbyterian Hospital School of Nursing

PROFESSIONAL PUBLICATIONS

Original Articles:

2013

Carlson, B, Pozehl, B, Hertzog, M, Zimmerman, L, Riegel, B. (2013). Predictors of Overall Perceived Health in Patients with Heart Failure. *Journal of Cardiovascular Nursing*. 2013;28(3):206-215. DOI: 10.1097/JCN.0b013e31824987a8 PMID 22495800

2009

Jurgens CY, Moser DK, Armola R, **Carlson** B, Sethares K, Riegel B. Symptom clusters of acute heart failure. *Research in Nursing & Health*. 2009;32(5):551-560. PMID 19650069

Keating S, **Carlson** B, Jimenez S, Estrada J, Gastelum B, Romero T, Riegel B. Psychometric testing of the immigrant barriers to healthcare scale: Hispanic version. *Nursing and Health Sciences*. 2009;11(3):235-243. PMID 19689631

Riegel B, Driscoll A, Suwanno, J, Moser DK, Lennie TA, Chung ML, Wu J, Dickson VV, **Carlson** B, Cameron J. Heart Failure Self-Care in Developed and Developing Countries. *Journal of Cardiac Failure*. 2009;15(6):508-516. PMID 19643362

Riegel B, Lee CS, Dickson VV, **Carlson** B. An Update on the Self-Care of Heart Failure Index. *Journal of Cardiovascular Nursing*. 2009;24(6):485-497. PMID 19786884 PMCID: PMC2877913

2008

Aitken LM, Pelter MM, **Carlson** B, Marshall AP, Cross R, McKinley S, Dracup K. Effective strategies for implementing a multicenter international clinical trial. *Journal of Nursing Scholarship*. 2008;40:101-108. PMID 18507563

Dracup K, McKinley S, Doering LV, Riegel B, Meischke H, Moser DK, Pelter M, **Carlson** B, Aitken L, Marshall A, Cross R, Paul SM. Acute Coronary Syndrome: What Do Patients Know? *Archives of Internal Medicine*, 2008;168(10):1049-1054. PMID 18504332 PMCID: PMC2754414

Nuckols TK, Bower AG, Paddock SM, Hilborne LH, Wallace P, Rothschild JM, Griffin A, Fairbanks RJ, **Carlson** B, Panzer RJ, Brook RH. Programmable infusion pumps in ICUs: An analysis of corresponding adverse drug events. *Journal of General Internal Medicine*, 2008;23(Supplement 1):41-45. PMID 18095043 PMCID: PMC2150642

Nuckols TK, Paddock SM, Bower AG, Rothschild JM, Fairbanks RJ, **Carlson B**, Panzer RJ, & Hilborne LH. Costs of intravenous adverse drug events in academic and non-academic intensive care units. *Medical Care*, 2008;46(1):17-24. **PMID 18162851**

Riegel B, Moser DK, Rayens MK, **Carlson B**, Pressler SJ, Shively M, Albert NM, Armola R, Evangelista L, Westlake CW, Sethares K. Ethnic differences in quality of life in persons with heart failure. *Journal of Cardiac Failure*, 2008;14(1):41-47. **PMID 18226772**

2006

Riegel B, **Carlson B**, Glaser D, Romero T. Randomized controlled trial of telephone case management in Hispanics of Mexican origin with heart failure. *Journal of Cardiac Failure*, 2006;12(3):211-219. **PMID 16624687**

2005

Leventhal MJE, Riegel B, **Carlson B**, De Geest S. Negotiating Compliance in Heart Failure: Remaining issues and questions. *European Journal of Cardiovascular Nursing*. 2005;4(4):298-307. **PMID 15893959**

2004

Chriss PM, Sheposh J, **Carlson B**, Riegel B. Predictors of successful heart failure self-care maintenance in the first three months after hospitalization. *Heart & Lung*. 2004;33(6):345-353. **PMID 15597287**

Riegel B, Carlson B. Is individual peer support a promising intervention for persons with heart failure? *Journal of Cardiovascular Nursing*. 2004;19(3):174-183. **PMID 15191260**

Riegel B, **Carlson B**, Moser DK, Sebern M, Hicks FD, Roland V. Psychometric testing of the self-care of heart failure index. *Journal of Cardiac Failure*. 2004;10(4):350-360. **PMID 15309704**

2003

Riegel B, **Carlson B**, Glaser D, Romero T. Changes over six months in health-related quality of life in a matched sample of Hispanic and non-Hispanics with heart failure. *Quality of Life Research*. 2003;12(6):689-698. **PMID 14516178**

Riegel B, Moser D, **Carlson B**, Deaton C, Armola R, Sethares K, Shively M, Evangelista L, Albert N. Gender differences in quality of life with heart failure are minimal. *Journal of Cardiac Failure*. 2003;9(1):42-48. **PMID 12612872**

2002

Francque-Frontiero L, Riegel B, Bennett J, Sheposh J, **Carlson B**. Self-care of persons with heart failure: Does experience make a difference? *Clinical Excellence for Nurse Practitioners*. 2002;6(3):23-30.

Riegel B, Bennett JA, Davis A, **Carlson B**, Montague J, Robin H, Glaser D. Cognitive impairment in heart failure: Issues of measurement and etiology. *American Journal of Critical Care*. 2002;11(6):520-528. **PMID 12425402**

Riegel B, **Carlson B**. Facilitators and barriers to heart failure self-care. *Patient Education and Counseling*. 2002;46(4):289-297. **PMID 11932128**

Riegel B, **Carlson B**, Glaser D, Kopp Z, Romero T. Standardized telephonic case management in a Hispanic heart failure population: An effective intervention. *Disease Management and Health Outcomes*. 2002;10(4):241-249.

Riegel B, **Carlson B**, Kopp Z, LePetri B, Glaser D, Unger A. Effect of a standardized nurse case- management telephone intervention on resource use in patients with chronic heart failure. *Archives of Internal Medicine*. 2002;162(6):705-712. **PMID 11911726**

Riegel B, Moser D, Glaser D, **Carlson B**, Deaton C, Armola R, Sethares K, Shively M, Evangelista L, Albert N. The Minnesota Living with Heart Failure Questionnaire: Sensitivity and responsiveness to intervention intensity in a clinical population. *Nursing Research*. 2002;51(4):209-218. **PMID 12131233**

2001

Carlson B, Riegel B, Moser D. Self-care abilities of patients with heart failure. *Heart & Lung*. 2001;30(5):351-359. **PMID 11604977**

Ellis E, Riegel B, Hamon M, **Carlson B**, Jimenez S, Parkington S. The challenges of conducting clinical research: Experience of one research team. *Clinical Nurse Specialist*. 2001;15(6):286-292. **PMID 11855487**

2000

Riegel B, **Carlson B**, Glaser D. Development and testing of a clinical tool measuring self-management of heart failure. *Heart & Lung*. 2000;29(1):4-12. **PMID 10636953**

Riegel B, **Carlson B**, Glaser D, Hoagland P. Which patients with heart failure respond best to multidisciplinary disease management? *Journal of Cardiac Failure*. 2000;6(4):290-299. **PMID 11145753**

1999

Riegel B, Thomason T, **Carlson B**, Bernasconi B, Hoagland P, Maringer D, Watkins J. Implementation of a multidisciplinary disease management program for heart failure patients. *Congestive Heart Failure*. 1999;5:164-170.

1998

Carlson B, Riegel B, Thomason T. Visitation: Policy versus practice. *Dimensions of Critical Care Nursing*. 1998;17(1):40-47. **PMID 9481272**

1997

Riegel B, Thomason T, **Carlson B**, Gocka I. Nursing care of acute myocardial infarction patients across the United States. *Critical Care Nurse*. 1997;17(5):23-33. **PMID 9355341**

1996

Riegel B, Thomason T, **Carlson B**. Are nurses still practicing coronary precautions? A national survey of nursing care of acute myocardial infarction patients. *American Journal of Critical Care Nursing*. 1996;5(2):91-98. **PMID 8653170**

1995

Riegel B, Thomason T, **Carlson B**. Coronary precautions: Fact or fiction? *Nursing*. 1995;25(10):52-53. **PMID 7566725**

Thomason TR, Riegel B, **Carlson B**, Gocka I. Monitoring electrocardiographic changes in acute myocardial infarction patients: Results of a national survey. *Journal of Cardiovascular Nursing*. 1995;9(4):1-9. **PMID 7666064**

1983

Means B. Nursing diagnosis in the ICU. *AACN San Diego Chapter Newsletter*. 1983;5:1-2.

Abstracts:

2011

Carlson B, Pozehl, B, Hertzog, M, Zimmerman, L, Riegel, B. Predictors of Overall Perceived Health in Patients with Heart Failure. Abstract 11412: Oral presentation at the American Heart Association Scientific Sessions, November, 2011, *Circulation*, 124:A535

2008

Moser, D.K., Watkins, J., Heo, S., Lennie, T., Alberts, N., Armola, R., **Carlson, B.**, Evangelista, L., Sethares, K., Shively, M., Westlake, C., Riegel, B. Abstract 2085: Changed expectations: Why health-related quality of life is better in elderly patients with heart failure than in younger patients. Oral presentation at the American Heart Association Scientific Sessions, November, 2008, *Circulation*, 118:S_66-c.

Riegel, B., Driscoll, A., Suwanno J. Moser, K. K., Dickson, V., **Carlson, B.**, Cameron, J. Abstract 2722: Poor heart failure self-care is a worldwide problem. Oral presentation at the American Heart Association Scientific Sessions, November, 2008, *Circulation*, 118:S_769.

2007

Lee, C.S., **Carlson, B**, Riegel, B. Heart failure self-care improves economic outcomes, but only when self-care confidence is high. Poster presentation at the Heart Failure Society of America 11th Annual Scientific Meeting, September, 2007, *Journal of Cardiac Failure*, 13 (6), supplement 2, #011. DOI: <http://dx.doi.org/10.1016/j.cardfail.2007.06.315>

2006

AbuRuz M., Moser, D., Riegel, B., **Carlson, B.**, McKinley, S., Dracup, K., Doering, L., Mieschke, H., Lennie, T. Abstract 1980: Anxiety measured up to two years prior to an acute coronary syndrome event increases risk of in-hospital complications. Accepted for presentation at the American Heart Association Scientific Sessions, November, 2006, *Circulation*, 114:II_396.

Jurgens, C., Moser, D., Armola, R., **Carlson, B.**, Shively, M., Evangelista, L. Westlake, C., Sethares, K., Bennett, S., Albert, N., Riegel, B., Symptom Clusters in Acute Heart Failure. Poster presentation at the Heart Failure Society of America 10th Annual Scientific Meeting, September, 2006, *Journal of Cardiac Failure*, 12 (6), supplement 1, #370.

Riegel, B., **Carlson, B**. Self-Care Improves Health-Related Quality Of Life In Hispanics With Heart Failure. Poster presentation at the Heart Failure Society of America 10th Annual Scientific Meeting, September, 2006, *Journal of Cardiac Failure*, 12 (6), supplement 1, #353.

Riegel, B., **Carlson, B**. Self-Care Improves Health-Related Quality Of Life In Hispanics With Heart Failure. Accepted for oral presentation at the American Heart Association Scientific Sessions, November 12-15, Chicago, ILL.

Riegel, B., **Carlson, B**. Self-Care Improves Health-Related Quality Of Life In Hispanics With

Heart Failure. Accepted for poster presentation at the American Heart Association 7th Scientific Forum on Quality of Care and Outcomes Research in Cardiovascular Disease and Stroke, May 7-8, 2006, Washington, DC.

Riegel, B., **Carlson**, B., Romero, T. Designing Disease Management Programs for Hispanics with Heart Failure. Poster presentation at the Heart Failure Society of America 10th Annual Scientific Meeting, September, 2006, Journal of Cardiac Failure, 12 (6), supplement 1, #398.

Riegel, B., **Carlson**, B., Romero, T. Designing Disease Management Programs for Hispanics with Heart Failure. Accepted for oral presentation at the American Heart Association Scientific Sessions, November 12-15, Chicago, ILL.

2005

Riegel, B., **Carlson**, B., Glaser, D., Romero, T. Effectiveness of Telephone Case Management in Hispanics with Heart Failure. The 9th Annual Scientific Meeting, Heart Failure Society of America. Journal of Cardiac Failure, 11 (6), supplement 1, # 387.

Benavente, V, **Carlson**, B, Riegel, B. Age, acculturation and barriers to care in Hispanics living with heart failure. Poster presented at the Preventive Cardiology Nurses Association (PCNA) Annual Conference, March 31-April 2, 2005, New Orleans, LA (3rd place award winner).

Benavente, V, **Carlson**, B, Riegel, B. Age, acculturation and barriers to care in Hispanics living with heart failure. Poster presented at the Eastern Nursing Research Society 17th Annual Scientific Sessions co-hosted with Columbia University School of Nursing: Translational Research for Quality Health Outcomes: Affecting Practice and Healthcare Policy, April 7-9, 2005, New York, NY.

2004

Riegel B, **Carlson** B, Romero T, Glaser D. Telephone case management improves self-care of Hispanic persons with heart failure. Moderated poster at the American Heart Association Research Symposium, November 6, 2004, New Orleans, LA.

Riegel B, **Carlson** B, Moser DK. Self-care of Hispanics with heart failure. Poster presentation at the Heart Failure Society of America, September, 2004, Journal of Cardiac Failure 10(4), supplement #410.

Riegel, B, Moser, DK, **Carlson**, B, Armola, R, Sethares, K, Shively, M, Evangelista, L, Albert, N. Ethnic differences in quality of life in persons with heart failure. Abstract published in Proceedings of the Society of Behavioral Medicine's 25th Annual Meeting, March 24-27, 2004, Baltimore, MA.

2003

Riegel, B, **Carlson**, B, Moser, DK, Carson, J, Hicks, FD, Roland, V, Bormann, J. Psychometric testing of the self-care of heart failure index. Presented at the American Heart Association Scientific Sessions, November 11, 2003, Orlando, FL. Circulation, abstract # 2298.

Riegel, B, Estrada, J, **Carlson**, B, Jimenez, S, Gastelum, B, Romero, T Preliminary testing of the Barriers to Health Care Scale. Presented at the International Council of Nurses Conference, Geneva, Switzerland, June, 2003.

2002

Chriss PM, Riegel B, Rapps J, Sheposh J, **Carlson B**. Predictors of successful heart failure self-care three months following hospitalization. Poster presentation at the Heart Failure Society of America, September, 2002. *Journal of Cardiac Failure*, 8(4): abstract #347, 2002.

McSweeney J, Riegel B, Shively M, Buono, **Carlson B**. Predictors of functional performance in the first six months after hospitalization for heart failure. Poster presentation at the Heart Failure Society of America, September, 2002. *Journal of Cardiac Failure*, 8(4): abstract #281, 2002.

Riegel B, **Carlson B**. Peer Mentoring to improve self-care of persons with heart failure. Presentation at the Society of Behavioral Medicine, April 2-6, 2002, Washington DC. *Annals of Behavioral Medicine*, 24, 2002 Supplement, #B69.

Riegel B, **Carlson B**. Predicting which patients need referral to a heart failure disease management program. Poster presentation at the Heart Failure Society of America, September, 2002. *Journal of Cardiac Failure*, 8(4): abstract #343, 2002.

Riegel, B, **Carlson**, B, Glaser, D, Romero, T. Changes over six months in health-related quality of life in a matched sample of Hispanics and non-Hispanics with heart failure. Poster presentation at the American Academy of Nursing's Annual Meeting, October 31-November 2, 2002, Naples, FL.

Riegel, B, **Carlson**, B. Peer Mentoring to Improve Self-Care of Persons with Heart Failure. Presentation at the Society of Behavioral Medicine, April, 2-6, 2002, Washington, DC. *Annals of Behavioral Medicine*, 24, 2002 Supplement, #B69.

Riegel, B, Moser, DK, **Carlson**, B, Deaton, C, Armola, R, Sethares, K, Shively, M, Evangelista, L, Albert, N. Differences in quality of life in men and women with heart failure. Presented at the American Heart Association, November, 2002, Chicago, IL. *Circulation*, abstract #1838.

2001

Bennett J, Riegel B, **Carlson B**, Montague J, Glaser D. Clock drawing test may be more sensitive than mini-mental state examination for detecting cognitive impairment in heart failure patients. Heart Failure Society of America, 5th Scientific Meeting, Washington, DC. *Journal of Cardiac Failure* 7(3): abstract #337, 2001.

Francque-Frontiero LJ, Riegel B, Bennett JA, Sheposh J, **Carlson B**. Predictors of self-care abilities in heart failure patients. American Heart Association Scientific Sessions, Anaheim, CA. *Circulation* 104(17): abstract #3413, 2001.

Hodge N, Riegel B, **Carlson B**, Burt S, Sheposh J. Social support as a moderator of the relationship between comorbidity and health-related quality of life. American Heart Association Scientific Sessions, Anaheim, CA. Featured research session. *Circulation* 104(17): abstract #1780, 2001.

Riegel B, **Carlson B**, Kopp Z, LePetri B, Unger A. At home with heart failure™:Effect of standardized telephonic case management for heart failure. *Journal of General Internal Medicine*, 16, Supplement 1, 2001, 168.

Riegel B, **Carlson B**, Moser D, Sheposh J. Preliminary testing of the research version of the self-management of heart failure scale. American Heart Association Scientific Sessions,

Anaheim, CA. *Circulation* 104(17): abstract #3032, 2001.

Riegel B, **Carlson B**, Moser D, Sheposh J. Preliminary testing of the research version of the self-management of heart failure scale. Heart Failure Society of America, 5th Scientific Meeting, Washington, DC. Recipient of the first annual nursing research award. *Journal of Cardiac Failure*, 7(3): abstract #015, 2001.

Riegel B, Moser D, Glaser D, **Carlson B**, Deaton C, Armola R, Sethares K, Shively M, Evangelista L, Albert N. Sensitivity to treatment intensity of the *Minnesota Living with Heart Failure* questionnaire. American Heart Association Scientific Sessions, Anaheim, CA. Featured research session. *Circulation* 104(17): abstract #1777, 2001.

Riegel B, Moser D, Glaser D, **Carlson B**, Deaton C, Armola R, Sethares K, Shively M, Evangelista L, Albert N. Sensitivity to treatment intensity of the *Minnesota Living with Heart Failure* questionnaire. Heart Failure Society of America, 5th Scientific Meeting, Washington, DC. *Journal of Cardiac Failure* 7(3): abstract #279, 2001.

2000

Riegel B, **Carlson B**, Kopp Z, LePetri B, Glaser D. Is computer-supported telephonic case management as effective in a Latino heart failure population? Heart Failure Society of America, Boca Raton, FL. *Journal of Cardiac Failure* 6(3): abstract #322, 2000.

Riegel B, **Carlson B**, Kopp Z, LePetri B, Glaser D. Is computer-supported telephonic case management as effective in a Latino heart failure population? American Heart Association Scientific Sessions, New Orleans, LA. *Circulation* 102(18), supplement: abstract #3619, 2000.

Riegel B, **Carlson B**, Kopp Z, LePetri B, Unger A, Glaser D. Effect of a computer-supported telephonic case management intervention for heart failure patients. Heart Failure Society of America, Boca Raton, FL. *Journal of Cardiac Failure* 6(3): abstract #323, 2000.

1999

Riegel B, **Carlson B**, Glaser D, Hoagland P. Which heart failure patients respond best to a multidisciplinary disease management approach? American Heart Association Scientific Sessions, Atlanta, GA. *Circulation* 100(18), supplement: abstract #515, 1999.

Riegel B, **Carlson B**, Glaser D, Hoagland P. Which heart failure patients respond best to a multidisciplinary disease management approach? Moderated poster session. Heart Failure Society of America, San Francisco, CA. *Journal of Cardiac Failure* 5(3): abstract #254, 1999.

1998

Riegel B, **Carlson B**, Glaser D. Development and testing of a clinical measure of self-care abilities of heart failure patients (Heart Failure Prize), *Circulation* 98(17), supplement: abstract #2539, 1998.

1997

Riegel B, **Carlson B**, Glaser D. Multidisciplinary disease management for congestive heart failure. *Journal of Cardiac Failure* 3(3), supplement: abstract, 1997.

Riegel B, **Carlson B**, Thomason T, Glaser D. Multidisciplinary disease management for heart failure. *Circulation* 96(8), supplement: abstract #2457, 1997.

Books and Book Chapters:

Carlson, B. Shock, sepsis, and multiple organ dysfunction syndrome. In L. D. Urden, K. M. Stacy, & M. E. Lough (Eds.), *Priorities in Critical Care Nursing*, 7th ed. St. Louis: Mosby; 2016:519-555.

Carlson, B., Fitzsimmons, L. Shock, sepsis, and multiple organ dysfunction syndrome. In L. D. Urden, K. M. Stacy, & M. E. Lough (Eds.), *Critical Care Nursing: Diagnosis and Management*, 7th ed. St. Louis: Mosby; 2014:887-925.

Carlson, B., Fitzsimmons, L., & Walker, C. Shock, sepsis, and multiple organ dysfunction syndrome. In L. D. Urden, K. M. Stacy, & M. E. Lough (Eds.), *Priorities in critical care nursing*, 6th ed. St. Louis: Mosby; 2012:541-575.

Carlson B. Shock. In: Urden LD, Stacy KM, Lough ME, eds. *Critical Care Nursing: Diagnosis and Management*, 6th ed. St. Louis: Mosby; 2010:977-1001.

Carlson, B., Fitzsimmons, L., & Pagano, L. Shock and multiple organ dysfunction syndrome. In L. D. Urden, K. M. Stacy, & M. E. Lough (Eds.), *Priorities in critical care nursing*, 5th ed. St. Louis: Mosby; 2008:536-566.

Carlson B. Shock. In: Urden LD, Stacy KM, Lough ME, eds. *Thelan's Critical Care Nursing: Diagnosis and Management*, 5th ed. St. Louis: Mosby; 2006.

Carlson B. Neurologic assessment and diagnostic procedures. In: Urden LD, Stacy KM, eds. *Priorities in Critical Care Nursing*, 4th ed. St. Louis: Mosby; 2003.

Carlson B. Neurologic disorders. In: Urden LD, Stacy KM, eds. *Priorities in Critical Care Nursing*, 4th ed. St. Louis: Mosby; 2003.

Carlson B. Neurologic anatomy & physiology. In: Urden LD, Stacy KM, Lough ME, eds. *Thelan's Critical Care Nursing: Diagnosis and Management*, 4th ed. St. Louis: Mosby; 2002.

Carlson B. Neurologic clinical assessment. In: Urden LD, Stacy KM, Lough ME, eds. *Thelan's Critical Care Nursing: Diagnosis and Management*, 4th ed. St. Louis: Mosby; 2002.

Carlson B. Neurologic diagnostic procedures. In: Urden LD, Stacy KM, Lough ME, eds. *Thelan's Critical Care Nursing: Diagnosis and Management*, 4th ed. St. Louis: Mosby; 2002.

Carlson B. Neurologic disorders. In: Urden LD, Stacy KM, Lough ME, eds. *Thelan's Critical Care Nursing: Diagnosis and Management*, 4th ed. St. Louis: Mosby; 2002.

Carlson B. Neurologic assessment and diagnostic procedures. In: Urden LD, Stacy KM, eds. *Priorities in Critical Care Nursing*, 3rd ed. St. Louis: Mosby; 2000.

Carlson B. Neurologic disorders. In: Urden LD, Stacy KM, eds. *Priorities in Critical Care Nursing*, 3rd ed. St. Louis: Mosby; 2000.

Carlson B. Neurologic anatomy & physiology. In: Thelan LA, Urden LD, Lough ME, Stacy KM, eds. *Critical Care Nursing: Diagnosis and Management*, 3rd ed. St. Louis: Mosby; 1998.

Carlson B. Neurologic clinical assessment. In: Thelan LA, Urden LD, Lough ME, Stacy KM,

eds. *Critical Care Nursing: Diagnosis and Management*, 3rd ed. St. Louis: Mosby; 1998.

Carlson B. Neurologic diagnostic procedures. In: Thelan LA, Urden LD, Lough ME, Stacy KM, eds. *Critical Care Nursing: Diagnosis and Management*, 3rd ed. St. Louis: Mosby; 1998.

Carlson B. Neurologic disorders. In: Thelan LA, Urden LD, Lough ME, Stacy KM, eds. *Critical Care Nursing: Diagnosis and Management*, 3rd ed. St. Louis: Mosby; 1998.

Means B, Taplett L. *Quick Reference to Critical Care Nursing*. Rockville, MD: Aspen; 1986.

Reviews for Books/Book Chapters:

Prasun M. Promoting Adherence and Self-Care. In: Paul S, ed. AAHFN Heart Failure Disease Management. Mt. Laurel, NJ: American Association of Heart Failure Nurses; 2014.

SYMPOSIUM PAPERS (PEER REVIEWED)

2011

Carlson, B, Hertzog, M, Zimmerman, L, Riegel, B, Pozehl, B. Predictors of Overall Perceived Health in Patients with Heart Failure. American Heart Association Scientific Sessions, Orlando Florida, 2011.

2010

Carlson, B, Pozehl, B, Yates, B, Hertzog, M. Measurement of Global Perceived Health: A Single Item is Better. Midwest Nursing Research Society 33rd Annual Research Conference, Kansas City, Missouri, 2010.

2000

Riegel, B, **Carlson, B, Glaser, D.** At Home with Heart Failure: Effect of Computer-Supported Telephonic Case Management. Sigma Theta Tau Regional Research Conference, Ontario, California. 2000

1997

Riegel, B, **Carlson, B, Craig, R, Dobberteen, ML:** Is Traditional Cardiac Rehabilitation the Most Cost-Effective Approach? Third Joint Southern California Sigma Theta Tau Nursing Research Conference, Santa Anna, California. 1997

Riegel, B, **Carlson, B, Glaser, D:** Development and testing of an Instrument to Measure Self-Care of Heart Failure, Sharp HealthCare Annual Research Symposium, San Diego, California. 1997

Riegel, B, **Carlson, B, Glaser, D:** Self-Care of Heart Failure: Development of an Instrument, Third Joint Southern California Sigma Theta Tau Nursing Research Conference, Santa Anna, California. 1997

Riegel, B, **Carlson, B, Thomason, T, Glaser, D:** Effect of a Multidisciplinary Disease Management Program for Heart Failure Patients. Third Joint Southern California Sigma Theta Tau Nursing Research Conference, Santa Anna, California. 1997

Riegel B, **Carlson B, Craig R, Dobberteen ML:** Is traditional cardiac rehabilitation the most cost-effective approach? Third Joint Southern California Sigma Theta Tau Nursing Research Conference, Santa Anna, California. 1997

1996

Riegel, B, **Carlson, B**: Disease Management for Heart Failure: Preliminary Results, Sharp HealthCare Annual Nursing Research Symposium, San Diego, California. 1996

1994

Riegel, B, Thomason, T, **Carlson, B**: A national survey of nursing care of acute myocardial infarction patients. Sharp HealthCare Annual Nursing Research Symposium, San Diego, California. 1994

INVITED PRESENTATIONS**National**

Non-Adherence and Poor Self-Management: Magnitude of the Problem. Heart Failure Society of America, 6th Annual Scientific Meeting. Boca Raton, Florida. September, 2002.

HFSA Guidelines for Heart Failure: Disease Management. Heart Failure Society of America, 6th Annual Scientific Meeting. Boca Raton, Florida. September, 2002.

Interdisciplinary Disease Management in the 21st Century: Improving Outcomes. American Heart Association, New England Affiliate 52nd Annual Scientific Session, Samoset, Maine. February, 2002.

Self Care: Influencing Patient Abilities to Maintain Health and Manage Illness. American Heart Association, New England Affiliate 52nd Annual Scientific Session, Samoset, Maine. February, 2002.

How to Help Patients with Heart Failure Learn to Care for Themselves. Heart Failure Society of America, 5th Annual Scientific Meeting. Washington DC. September, 2001

What Patients with Heart Failure Really Need to Know ? Heart Failure Society of America, 5th Annual Scientific Meeting. Washington DC. September, 2001

Calculating the Return on Investment for Cardiovascular Risk Intervention and Measuring the Impact on Health Related Quality of Life. Institute for International Research, Cardiovascular Health Promotion & Disease Management Conference. San Francisco, California. December, 1996.

The Effects of Nutritional Support on the Pulmonary System. American Association of Critical Care Nurses, National Teaching Institute, May 1984.

Local (Selected)

Shock: Tissue Oxygenation in the Critically Ill. Critical Care Internship Program, San Diego Chapter American Association of Critical Care Nurses, San Diego, California. Quarterly: 1995-2007 and July 2011 to present.

Update on Acute Decompensated Heart Failure. 32nd Annual Fall Conference, San Diego Chapter American Association of Critical Care Nurses, San Diego, California. October, 2013.

Shock: Tissue Oxygenation in the Critically Ill. Sharp Grossmont Hospital. May, 2006.

Bedside Battles: Sepsis and Shock: Early Recognition and Treatment. Contemporary Topics in

Acute and Critical Care, San Diego Chapter American Association of Critical Care Nurses, San Diego, California. May, 2004.

HF: The Epidemic of the 21st Century. Contemporary Topics in Acute and Critical Care, San Diego Chapter American Association of Critical Care Nurses, San Diego, California. May, 2003.

At Home with Heart Failure. Continuing Medical Education Activity, Tri-City Medical Center, Oceanside, California. November, 2002.

Case Studies in MSOF: DO₂ & VO₂ at the Bedside. Sharp Memorial and Cabrillo Hospitals, 8th Annual Critical Care Nursing Symposium. San Diego, California. November, 1993.

PUBLIC MEDIA ACTIVITIES

Featured Guest, The Sharp Health Hour, 760 KFMB Talk Radio, February 15, 2003
 "Living Successfully with Heart Failure", Heart Partners Series on Cable TV, February 17, 2000
 Eleven O'clock News interview for Critical Care Nurses Week, May 6, 1996

EDITORIAL ACTIVITIES – Ad Hoc Reviewer for:

Journal of Cardiovascular Nursing
 Journal of Cardiac Failure
 American Journal of Critical Care
 European Journal of Cardiovascular Nursing
 Heart & Lung
 Nurse Educator

PROFESSIONAL MEMBERSHIPS/ACTIVITIES

American Heart Association – Silver Heart Member
 Council on Cardiovascular and Stroke Nursing
 Research Mentoring Survey Task Force, 2015
 Committee on Scientific Sessions Planning, 2014-2017
 Early Career Committee, 2012-present
 Clinical Article of the Year Subcommittee, 2004-06
 Council on Quality of Care and Outcomes Research
 Poster Professor – Scientific Sessions, November 2013.

Heart Failure Society of America (HFSA)
 Early Career and Training Committee, 2012-present

American Association of Heart Failure Nurses (AAHFN)

American Association of Critical Care Nurses (AACN)
 Research and Creative solutions Abstract Review Panel, 2005
 Scholarship Review Panel, 2004
 Essentials of Critical Care Orientation Module Content Reviewer, 2002
 NTI Strategic Thinking Group, 1993
 1992 NTI Proposal Review Panel
 Education Special Interest Group, 1981-1988

San Diego Area Chapter AACN
 Founding Board Member (1982), Past-President (1997-1998) President (1996-1997),
 President-Elect (1995-1996), Special Projects Chair, Resource Acquisitions Chair, and
 Recording Secretary
 Co-Founder, Critical Care Internship Program 1995
 Continuing service as mentor/quality consultant to Critical Care Internship Program

Sigma Theta Tau, Gamma Gamma Chapter
Faculty Counselor, 2014-2015
Abstract Reviewer, 2011 Nursing Odyssey Conference
Society of Behavioral Medicine
Society of Critical Care Medicine
San Diego Critical Care Specialists/Educator's Group

LICENSE/CREDENTIALS

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California CNS #1445
CCRN #3529