TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Sam Gregory 'Gregg' Marshall Title: Professor & Chair

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
Ph.D.	1994	University of Texas at Austin	Education	Interactive Effects Between Advance Organizers/Preferred Learning Styles
M.S.H.P	1983	Texas State University	Health Care Administration & Allied Health Education	
A.A.S.	1978	Texas State University	Respiratory Care	
B. S.	1975	Baylor University	Biology	

C. University Experience

Position	*University*	*Dates*
Interim Associate Dean -- College of Health Professions.	Texas State University	2025 – 2026
Chair, Department of Respiratory Care	Texas State University	2003 – 2025
Professor	Texas State University	2015 – present
Associate Professor	Texas State University	1986 – 2015
Associate Scientist	Southwest Foundation for Biomedical Research	1995 – 2010
Director of Clinical Education	Texas State University	1983 – 2003
Instructor, Curriculum & Instruction	The University of Texas at Austin	1994 – 1997
Respiratory Care Outreach Coordinator	Texas State University	1986 – 1999
Director, CHP Health Resource Center	Texas State University	1982 – 1986
Tenure Awarded	Texas State University	1986
Assistant Professor	Texas State University	1984 – 1986
Instructor	Texas State University	1982 – 1984
Lecturer	Texas State University	1980 – 1982

D. Relevant Professional Experience

Position	*Entity*	*Dates*
Texas Board for Respiratory Care Presiding Officer/Chair	Texas Medical Board, gubernatorial appoint	2016 – 2027
RC Supervisor	Hillcrest Medical Center, Waco, Texas	1979 – 1980
RC Intensive Care Specialist	Hillcrest Medical Center, Waco, Texas	1978 – 1979
RC Staff Therapist	Holy Cross Hospital, Austin, Texas	1977 – 1978

E. Other Professional Credentials (licensure, certification, etc.)

Registered Sleep Technologists RST #1422 Expires: 10/30/2026	American Board of Sleep Medicine	2011 – present
Registered Polysomnographic Technologist RPSGT #9326 Expires: 9/30/2026	National Board for Polysomnographic Technologists	2006 – present
Registered Respiratory Therapist RRT #8680 Expires: N/A	National Board for Respiratory Care	1978 – present
Certified Respiratory Therapist CRT #N/A. Expires: N/A	National Board for Respiratory Care	1983 – present
Respiratory Care Practitioner RCP # RCP00052243 Expires: 5/31/2028	Texas Medical Board	1983 – present

II. TEACHING

A. Teaching Honors and Awards:

Nominated for Teaching Excellence Award, College of Health Professions, 2013
Alpha Chi National Honor Society Favorite Professor Award, Alfred H. Nolle Chapter, Texas State University, 2011
NTSO Professor of the Year, Non-Traditional Student Organization, Texas State University, 2009
Texas State University Presidential Distinction Award in Teaching, 2002
College of Health Professions "Faculty Excellence for Outstanding Service" Award, 1997
College of Health Professions "Outstanding Teacher of the Year" Award, 1988
College of Health Professions "Teacher of the Year" Award, 1987

B. Courses Taught:

RC 1313	Introduction to Respiratory Care
RC 1314	Respiratory Care Instrumentation I
RC 1315	Basic Technology in Respiratory Care
RC 1316	Respiratory Care Instrumentation II
RC 1445	Respiratory Care Clinical Lab II
RC 2213	Introduction to Respiratory Care
RC 2316	Fundamentals in Respiratory Care
RC 2355	Respiratory Care Practice I
RC 2365	Clinical Practice II / Adult ICU
RC 2375	Clinical Practice III / Adult ICU
RC 3310	Cardiopulmonary/Renal Gross Anatomy
RC 3311	Applied Pathology
RC 3316	Fundamentals in Respiratory Care
RC 3331	Advanced Respiratory Care Instrumentation
RC 3352	Advanced Ventilator Concepts
RC 3365	Respiratory Care Practice IV
RC 3375	ICU Internship

RC 3411	Applied Pathology/Gross Anatomy
RC 4246	Respiratory Care Internship
RC 4318	Independent Study
RC 4310	Fundamentals of Polysomnography
RC 4324	Sleep Medicine and Polysomnography
RC 4350	Respiratory Care Research
RC 5306	Academic Leadership in Respiratory Care
RC 5211	Polysomnography Instrumentation
RC 5214	Polysomnography Instrumentation II
RC 5310	Fundamentals of Polysomnography
RC 5313	Polysom Therapeutic Intervention
RC 5412	Clinical Polysom-Sleep Staging I
RC 5415	Clinical Polysom-Sleep Staging II
RT 1314	Respiratory Therapy Instrumentation I
RT 1316	Respiratory Therapy Instrumentation II
RT 1330	Respiratory Therapy Clinical Lab I
RT 1340	Respiratory Therapy Clinical Lab II
RT 1430	Respiratory Therapy Clinical Practice I
RT 1440	Respiratory Therapy Clinical Practice II
RT 2220	Respiratory Therapy Literature
RT 2310	Medical Surgical Rounds I
RT 2312	Clinical Internship I / Adult ICU
RT 2313	Clinical Internship II / Adult ICU/NICU
RT 2340	Clinical Practice III / Adult ICU
RT 2411	Applied Pathology
HS 1310	Introduction to Health Science
HA 4346	Recognition & Management of Childhood Diseases
EDC 385G	Learning Theories (Doctoral course at UT-Austin, Dept. of Curriculum & Instruction)

C. Graduate Theses/Dissertations or Exit Committees (if supervisor, please indicate):

Homoud, M. Doctoral Dissertation Committee: “Adult Knowledge and Beliefs Surrounding Obstructive Sleep Apnea.” School of Health and Medical Sciences, Department of Interprofessional Health Sciences and Health Administration, Seton Hall University, Final defense 3/5/2019.

Regas, P. G. Doctoral Dissertation Committee: "Provider Willingness To Adopt Telemedicine Technologies Into Clinical Practice: A Global Systematic Review." School of Health Sciences, Central Michigan University, Final defense 8/30/2018.

Russian, C. J. Doctoral Dissertation Committee: “A Qualitative Study to Determine Perceptions of Neonatal and Pediatric Clinical Education in an Allied Health Profession.” College of Education, Texas State University, Final defense 4/25/2014.

LaBuhn, R. W. Doctoral Dissertation Committee: “Green Schools and their Effect on Student Learning, Attendance, and Health: A Study of Four L.E.E.D. Gold Elementary Schools in the United States.” College of Education, Texas State University, Final defense 11/10/2010.

D. Courses Prepared and Curriculum Development:

RC 1313 Introduction to Respiratory Care: This introductory course to the field of Respiratory Care is designed to acquaint the student with responsibilities of the Respiratory Care Practitioner as a member of the healthcare team.

RC 1315 Basic Technology in Respiratory Care: Designed to teach students basic principles of respiratory care techniques and basic operations of equipment. Artificial ventilation, cardiopulmonary resuscitation and chest physiotherapy will be covered.

RC 1445 Respiratory Care Clinical Lab II: Direct patient care is performed under close supervision in a non-critical setting. Routine procedures are performed, including delivery of aerosolized medications, oxygen therapy, incentive spirometry, postural drainage, and chest percussion

RC 2213 Introduction to Respiratory Care: This course offers an in-depth overview of the respiratory care profession to acquaint the student with the responsibilities of the respiratory therapist as part of healthcare team. Progression of the profession, career opportunities, past and future impact of profession on patient recovery and health maintenance, and medical gas therapy will be covered.

RC 3316 Foundations in Respiratory Care: This course provides a study of theories and modalities utilized in delivering, monitoring, and evaluating basic respiratory therapeutics to patients with compromised respiratory function in various healthcare settings. Aspects of artificial ventilation, arterial blood gas analysis, lung volume diagnostics, and hyperinflation intervention will be covered in patient scenarios.

RC 2355 Respiratory Care Practice I: Student gains skill in clinical procedures, interactions with patients and professional personnel as he practices, under supervision, respiratory care therapeutic modalities in a healthcare setting. Becomes familiar with various RT aspects of patient care as presented in medical/surgical and pediatric clinical situations.

RC 2365 Respiratory Care Clinical Practice II / Adult ICU: Students will perform respiratory therapy procedures in a healthcare institution under the supervision of a Respiratory Therapist. Preparatory instruction is provided for mechanical ventilation and other primary critical care procedures.

RC 2375 Clinical Practice III / Adult/Neo-Pedi ICU: A supervised clinical education experience in which the student organizes and administers advanced respiratory therapeutics on assigned patients in adult, neonatal, and pediatric critical care. Diagnostic procedures, including arterial blood gas procurement and measurement, bedside physiologic monitoring, airway care, basic pulmonary function testing, as well as monitoring and maintenance of ventilator parameters are performed.

RC 3316. Fundamentals of Respiratory Care: This course provides a study of theories and modalities utilized in delivering, monitoring, and evaluating basic respiratory therapeutics to patients with compromised respiratory function in various healthcare settings. Aspects of artificial ventilation, arterial blood gas analysis, lung volume diagnostics, and hyperinflation intervention will be covered in patient scenarios.

RC 3310 Cardiopulmonary/Renal Gross Anatomy: Designed to acquaint the student with the anatomy and physiology of the cardiovascular, pulmonary, and renal systems. Students will participate in the cadaver dissection and radiographic anatomy by matching cadaver cardiopulmonary structures with radiographic findings. Prerequisites: BIO 2430 and RC 2352.

RC 3311 Applied Pathology: Lecture series and case presentation related to pathophysiology, etiology, symptoms, diagnosis and treatment of selected pulmonary disease entities, cardiac diseases, neurologic disease processes and occupationally acquired disease entities as they relate to respiratory function. Clinical Simulation software utilized for clinical patient assessment, diagnostic data gathering and treatment. (WI)

RC 3331 Advanced Respiratory Therapy Instrumentation: A comprehensive focus on advanced equipment and rehabilitation technology utilized in the critical care, homecare, pulmonary rehabilitation and blood gas lab settings. Lectures and class activities will detail hardware for hemodynamic monitoring, supplemental oxygen administration, noninvasive monitoring, blood gas measurement, quality control, quality assurance and various other support advances in healthcare.

RC 3352 Advanced Ventilator Concepts: In-depth study of specific ventilators used in adult, pediatric and neonatal ventilation to include ventilator classification, method of operation, parameter interrelationships and ventilator patient monitoring. Lectures and class activities will focus on ventilator analysis of several contemporary volume, time, pressure, and flow-cycled ventilators.

RC 3365 Respiratory Care Practice IV: Advanced clinical education in the intensive care setting in which the student monitors and administers critical care therapeutics on assigned patients in the adult and neonatal intensive care setting. Physician input and pulmonary rounds assist students in theory and application of care for the critically ill patient.

RC 3375 ICU Internship: Through affiliations with agencies, hospitals and selected treatment centers the student interns in the intensive care setting by monitoring and administering critical care therapeutics. Analysis and clinical application of advanced ventilator care of patients is emphasized along with patient care diagnostics and management in the ICU.

RC 3411 Applied Pathology/Gross Anatomy: Class lectures on pathophysiology and therapeutics concerning pulmonary, cardiac, and thoracic diseases/disorders to include obstructive and restrictive diseases, airway abnormalities, infectious diseases and lung cancer. An associated gross anatomy laboratory with emphasis on cardiopulmonary anatomy, both pathologic and nonpathologic is included for student application.

RC 4318 Independent Study: This course provides the student an in-depth study on a topic or health-care problem impacting respiratory care. The course may be repeated for credit with a different emphasis.

RC 4324 Sleep Medicine and Polysomnography**:** This course introduces the respiratory care student to sleep medicine and polysomnography. The course will present topics on sleep stages, sleep architecture, and sleep disorders. Basic and advanced treatment options of selected sleep disorders will be discussed. Prerequisite: Instructor approval.

RC 4350 Respiratory Care Research: An introduction to research methods, experimental inquiry, and naturalistic observations. This course is designed to acquaint the student with the necessary skills to conduct research in respiratory care. The primary purpose is to provide a foundation from which the student will critique, develop, and apply multiple research strategies. Prerequisite: HP 3302 or equivalent.

RC 5211 Polysomnography Instrumentation I: Designed to teach the function, operation, and design of electroneurodiagnostic equipment. Monitoring devices, electrode application, and patient connection will be covered in detail. Prerequisite: Departmental approval.

RC 5214 Polysomnography Instrumentation II: Advanced study of waveform characteristics and montage development, filters, and PSG electronics. Signal pathways, reference electrodes, impedance checking and filter settings in calibration waves will be covered. Prerequisite: Departmental approval.

RC 5302 Clinical Practice Guidelines and Respiratory Care Protocols: An examination of the roles of clinical practice guidelines and protocols in the continuum of patient care. Analysis of the development, modification, initiation, and evaluation of patient outcomes will be covered. Barriers to protocol practice and strategies for implementation will be explored. Evidence-based outcomes will be summarized through literature reviews.

RC 5306 Academic Leadership in Respiratory Care: Introduction to the foundations necessary to build a strong understanding of academic administration, fiscal planning, curriculum development, and outcomes assessment for respiratory therapist programs. Topics include preparation of annual accreditation reports, organization of clinical practice rotations, the role of advisory committees, and integration of didactic, laboratory, and clinical experiences.

RC 5310 Fundamentals of Polysomnography: Introduction to the physiology of sleep, including sleep neurology, sleep architecture, and classification of sleep disorders. Review of basic cardiac physiology and ECG arrhythmia recognition. Sleep pathologies will be discussed according to etiology, pathophysiology, symptoms, diagnosis, treatment, and prognosis. Prerequisite: Departmental approval.

RC 5313 Polysomnography Therapeutic Intervention: In-depth study of the treatments available for sleep apnea including, CPAP, BiPAP, oxygen therapy, patient adjunctive fitting, surgical intervention, and the role of the sleep tech in titration. Special attention will be given to titration algorithms, nocturnal seizure disorder studies, REM behavior disorder studies, MSLT’s, and MTW’s. Prerequisite: Departmental approval.

RC 5412 Clinical Polysom-Sleep Staging I: Direct patient diagnostic monitoring is performed under close supervision in a sleep lab. Differential amplifiers, amplifier calibration, artifact correction, and the professional role of the sleep tech will be demonstrated. Prerequisite: Departmental approval.

RC 5415 Clinical Polysom-Sleep Staging II: Advanced clinical education in sleep staging rules, light, delta, and REM sleep scoring and analysis. EEG, EMG, ECG, and respiratory events will be discussed in-depth and other components of the polysomnogram report. Prerequisite: Departmental approval.

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press)

1. Books (if not refereed, please indicate)

d. Chapters in Books:

Marshall, S. G. (2026). Physiology of Sleep Disordered Breathing. In W. Beachey (Ed.), *Respiratory Care Anatomy and Physiology: Foundations for Clinical Practice* (6th ed.). Philadelphia, PA: Mosby/Elsevier.

Marshall, S. G. (2025). Regulation of Breathing. In D. Vines (Ed.), *Egan's Fundamentals of Respiratory Care* (13th ed.). St. Louis, MO: Elsevier.

Marshall, S. G. (2023). Physiology of Sleep Disordered Breathing. In W. Beachey (Ed.), *Respiratory Care Anatomy and Physiology: Foundations for Clinical Practice* (5th ed.). Philadelphia, PA: Mosby/Elsevier.

Marshall, S. G. (2017). Physiology of Sleep Disordered Breathing. In W. Beachey (Ed.), *Respiratory Care Anatomy and Physiology: Foundations for Clinical Practice* (4th ed.). Philadelphia, PA: Mosby/Elsevier.

Marshall, S. G. (2013). Physiology of Sleep Disordered Breathing. In W. Beachey (Ed.), *Respiratory Care Anatomy and Physiology: Foundations for Clinical Practice* (3rd ed.). Philadelphia, PA: Mosby/Elsevier.

Marshall, S. G. (2012). The Respiratory Therapy Department. In D. J. Griffin (Ed.), *Hospitals: What They Are and How They Work* (4th ed.). Sudbury, MA: Jones & Bartlett Learning.

Marshall, S. G. (2010). Assessment of Sleep and Breathing. In R. L.Wilkins, J. R. Dexter, & A. J. Heuer (Eds.), *Clinical Assessment in Respiratory Care* (6th ed.). Philadelphia, PA: Mosby/Elsevier.

2. Articles

a. Refereed Journal Articles:

Marshall, S. G., Henry, R. H., & Russian, C. J. (2016). Right versus left prong nasal cannula flow rate delivery and the effects of nasal cycling on inspired FIO2 in an adult anatomic model. *Journal of Respiratory Care*, 61(4), 397-404. DOI:10.4187/respcare.04169. (Editor's Choice)

Marshall, S. G. (2015). Raising Professional Presence Through Team Leadership in the Critical Care Setting. *Journal of Respiratory Care*, 60(3), 471-472. DOI:10.4187/respcare.03978.

Collins, K. P., Marshall, S. G., & Vaughan, P. W. (2015). Death Anxiety Among Respiratory Care Students: A Longitudinal Study. *The Internet Journal of Allied Health Sciences and Practice*, 13(3). http://nsuworks.nova.edu/ijahsp/vol13/iss3/5/.

Selber, K., Chavkin, N. F., Marshall, G., & Shaffer, D. (2014). Building Partnerships for Serving Student Veterans: A Professional Development Roadmap. *International Journal of Continuing Social Work Education,* 17(1), 61-75.

Henry, R. H., & Marshall, S. G. (2014). Apnea Testing: The Effects of Insufflation Catheter Size and Flow on Pressure and Volume in a Test Lung. *Journal of Respiratory Care,* 59(3), 406-410.

Gonzales, J. F., Russian, C. J., Marshall, S. G., Collins, K. P., & Farmer, T. A. (2012). Comparing the Effects of Rise Time and Inspiratory Cycling Criteria on Six Different Mechanical Ventilators. *Journal of Respiratory Care*, 58(3), 465-473. DOI:10.4187/respcare.01345.

Gonzales, J. F., Marshall, S. G., & Russian, C. F. (2011). The Relationship Between the Mallampati Scoring System, the Berlin Questionnaire, and Epworth Sleepiness Scale. *The Internet Journal of Allied Health Sciences and Practice,* 9(3), 1-8.

Gonzales, J. F. (TX), Marshall, S. G. (TX), Russian, C. J. (TX), & Stokes, T. J. (2010). Critical Thinking Skills and Preferred Learning Styles of Respiratory Care Students. *Respiratory Care Education Annual,*19(Fall), 57-62.

Stokes, T. J., Marshall, S. G. (TX)., & Russian, C. F. (TX) (2010). Attitudes Toward Death Anxiety and Dying Among Respiratory Care Students: A Pilot Study. *Respiratory Care Education Annual,* 19(Fall), 43-55.

Russian, C. F., Harkins, L., Marshall, S. G., Engelhardt, J., & Shamrock, B.A. (2008). Inter-Rater Reliability Among Respiratory Instructors: Pilot Study. *Respiratory Care Education Annual,* 17(Fall), 7-12.

Marshall, S. G. (TX), Shaw, D. K., Honles, G. L., & Sparks, K.E. (2008). Rehabilitation of an 18-Year-Old Patient with Bronchopulmonary Dysplasia. *Journal of Respiratory Care,* 53(3), 346-350.

Davis, J. D., Harkins, C. J., & Marshall, S. G. (TX). (1990). Detection of Submaximal Effort in Spirometry. *Journal of Respiratory Management,* 20(3), 55, 59, 60.

Clark, D. A. & Marshall, S. G. (TX) (1986). Mixed Venous Oxygen Saturation Measurement: Part 1: Clinical Use and Application. *Journal of Respiratory Therapy,* 16(5), 39-43, 50. (journal retired)

Clark, D. A. & Marshall, S. G. (TX) (1986). Mixed Venous Oxygen Saturation Measurement: Part 2: Clinical Use and Application. *Journal of Respiratory Therapy*, 16(6), 81-82, 84, 86, 98. (journal retired)

b. Non-referred Articles:

Marshall, S. G. (TX) (1998). Respiratory Care Education: An Upclose Look at a Distance Interactive Symposium. *InterVENTions.* 5(1), 26-30. (journal retired)

3. Conference Proceedings:

Metsis, V., Schinzas, I., Marshall G. (2015). Real-Time Subspace Denoising of Polysomnographic Data. PETRA 2015, The 8th ACM International Conference on Pervasive Technologies Related to Assistive Environments, Corfu, Greece, July 1-3, 2015.

4. Abstracts:

Mckensey, L., Johnson, M.A, Marshall, S.G., Kelemen, W.L., Westerberg, C.E. (2019). The Effects of a Single Night of Continuous Positive Airway Pressure on Memory in Patients with Obstructive Sleep Apnea. *SLEEP*, 42(Abstract Supplement), OF0079, A33. (Peer Reviewed)

Marshall, S. G., Henry, N. R., Russian, C. J. (2014). Comparison of Right and Left Prong Oxygen Flow Rate on Five Different Nasal Cannula Adjuncts. *Journal of Respiratory Care,* 59(10), OF27. (Peer Reviewed)

Marshall, S. G., Henry, N., Russian, C. J. (2014). The Effects of Nasal Cycling on Inspired FIO_2 by Nasal Cannula in an Adult Model. *Journal of Respiratory Care,* 59(10), OF28. (Peer Reviewed)

Henry, N. R., Marshall S.G. (2012). The effects of insufflation catheter size on pressure and volume within a test lung when performing the apnea test. *Journal of Respiratory Care,* 57(10), 1711.

Gonzales, J. F., Marshall, S. G., Russian, C. J., & Wharton, B. J. (2009). The Relationship Between the Mallampati Scoring System and the Berlin and Epworth Scoring Systems. *Journal of Respiratory Care,* 54(11),1564. (Peer Reviewed)

Stokes, T. J., Marshall, S. G. (TX), & Russian, C. J. (TX) (2009). Attitudes Towards Death Anxiety and Dying Among Respiratory Care Students: A Pilot Study. *Journal of Respiratory Care,* 54(11),1578. (Peer Reviewed)

Gonzales, J. F., Marshall, S. G., Stokes, T. J., & Russian, C. J. (2008). Critical Thinking Skills and Preferred Learning Styles of Respiratory Care Students. *Journal of Respiratory Care,* 53(11),1512. (Peer Reviewed)

Marshall S. G. (TX), Shaw, D. K., Honles, G. L., & Sparks, K. E. (2005) Interdisciplinary Approach to the Rehabilitation of a Patient with Chronic Lung Disease using Telehealth Technology. *Cardiopulmonary Physical Therapy Journal,* 16(4), 31. (Peer Reviewed)

7. Other Works in Print:

Marshall, S. G. (2015). Raising Professional Presence Through Team Leadership in the Critical Care Setting. *Journal of Respiratory Care,* 60(3), 471-472. (Invited Editorial)

The Chronicle of Higher Education. "As Football Players Get Bigger, More of Them Risk a Dangerous Sleep Disorder," March 9, 2007: LIII(27), A43-44. Interviewed for feature article highlighting the sleep research of S. G. Marshall and C. J. Russian with the Texas Sleep Wellness Program for football athletes and coaching staff at Texas State University.

B. Works not in Print

1. Papers Presented at Professional Meetings:

Mckensey, L., Johnson, M.A, Marshall, S.G., Kelemen, W.L., Westerberg, C.E. (2019). The Effects of a Single Night of Continuous Positive Airway Pressure on Memory in Patients with Obstructive Sleep Apnea. **Poster presentation at the SLEEP 2019 33rd Annual Meeting of the Associated Professional Sleep Societies. Peer-Reviewed National Presentation.** San Antonio, TX. June 8-12, 2019

Metsis, V., Schizas, I., Marshall, S.G. (2015) Real-Time Subspace Denoising of Polysomnographic Data. **The 8th ACM International Conference in Pervasive Technologies Related to Assistive Environments – PETRA 2015.** Confu, Greece. July 3, 2015.

Marshall, S. G., Henry, N. R., Russian, C. J. (2015) Comparison of right and left prong oxygen flow rate on five different nasal cannula adjuncts. **Poster presentation at the Texas State University College of Health Professions 2015 Research Forum. Peer-Reviewed Regional Presentation.** San Marcos, TX. April 16, 2015.

Marshall, S. G., Henry, N. R., Russian, C. J. (2015) The effects of nasal cycling on inspired FiO_2 by nasal cannula in an adult model. **Poster presentation at the Texas State University College of Health Professions 2015 Research Forum. Peer-Reviewed Regional Presentation.** San Marcos, TX. April 16, 2015

Marshall, S. G. Football Athletics & Sleep Wellness. **Texas Society of Sleep Professionals 7th Annual Conference,** San Antonio, TX. September 19, 2014.

Collins, K. P. & Marshall, S. G. Death Anxiety Among Respiratory Care Students. **American Association of Respiratory Care, 58th Annual International Congress**. **Peer Reviewed International Poster Presentation.** New Orleans, LA. November 10, 2012.

Henry, N. R. & Marshall, S. G. (2012). Apnea Testing: the effects of insufflation catheter size on pressure and volume within a test lung. **American Association of Respiratory Care, 58th Annual International Congress**. **Peer Reviewed International Poster Presentation.** New Orleans, LA. November 10, 2012.

Marshall, S. G. "Sleep and Mental Health." **17th Annual UTHSC-SA Respiratory Care Symposium: Make Every Breath Count—A Pulmonary Medicine Update.** San Antonio, TX. 2012.

Marshall, S. G. The Role of Actigraphy in Sleep Assessment and Screening. **Texas Society of Sleep Professionals.** Austin, TX, October 28-29, 2011. **Peer Reviewed State Presentation.**

Gonzales, J. F., Russian, C. J., Marshall, S. G., Collins, K.P., & Farmer, T.A. Comparing the Effects of Inspiratory Cycling Criteria Between Four Different Mechanical Ventilators. **Texas Society of Allied Health Professions. Peer Reviewed State Presentation.** Dallas, TX. September 15-16, 2011.

Gonzales, J. F., Russian, C. J., Marshall, S. G., & Collins, K. P. Comparing the Effects of Rise Time and Inspiratory Cycling Criteria Between Four Different Mechanical Ventilators. **American Thoracic Society, Annual International Congress. Peer Reviewed International Poster Presentation.** Denver, CO. May 13-18, 2011.

Marshall, S. G., Shaw, D. K., Honles, G. L., and Sparks, K. E. Rehabilitation of an 18-Year-Old Patient with Bronchopulmonary Dysplasia. EPS **Chongqing International Conference on Respiratory Medicine Forum 2011. Peer Reviewed International Presentation.** April 23, 2011, Chongqing, China.

Marshall. S. G. "Sleep Disorders and COPD**." American Lung Association Respiratory Rally and Conference**. Austin, TX. 2010.

Gonzales, J. F., Marshall, S. G., Russian, C. J., & Wharton, B. J. The Relationship Between the Mallampati Scoring System and the Berlin and Epworth Scoring Systems. **American Association of Respiratory Care, 55th Annual International Congress. Peer Reviewed International Presentation.** 2009, San Antonio, TX.

Marshall, S. G. Sleep Disordered Breathing: Sleepless in San Antonio. **The Fourteenth Annual Respiratory Care Symposium/University of Texas Health Science Center at San Antonio,** 2009, San Antonio, TX.

Marshall, S. G. The use of Graphics for Mechanical Ventilation in the ICU. **Texas Society for Respiratory Care Rio Grande Valley District Annual Conference.** 2009, South Padre Island, TX.

Marshall, S. G. Patient/Client Care Partnerships: An Industry Perspective. **Texas Society of Allied Health Professions, 32nd Fall Conference & Annual Meeting. Peer Reviewed State Presentation.** 2009, San Antonio, TX.

Stokes, T. J. & Marshall, S. G. Coping with Loss and Death and Dying Issues in Respiratory Care. **College of Health Professions Research Forum,** Texas State University-San Marcos, Texas, 2009. **Peer Reviewed Regional Presentation.**

Stokes, T. J., Marshall, S. G., & Russian, C. F. Coping with Loss and Death And Dying Issues of Respiratory Students. **American Association of Respiratory Care, 55th Annual International Congress.** San Antonio, TX. 2009. **Peer Reviewed International Presentation.**

Marshall, S. G. Behavioral Changes in Pediatric Sleep Apnea. **Victoria College & Lambda Beta Annual Respiratory Seminar.** Victoria, TX. 2009.

Gonzales, J. F., Marshall, S. G., Stokes, T. J., & Russian, C. J. Critical Thinking Skills and Preferred Learning Styles of Respiratory Care Students. **54th Annual International Respiratory Congress Convention and Exhibition of the American Association for Respiratory Care.** Anaheim, CA, 2008. **Peer Reviewed International Presentation.**

Marshall, S. G. Panel Discussion: Current Issues in the Polysomnography Profession. **Texas Society for Respiratory Care 37th Annual State Convention & Exhibition,** South Padre Island, TX. 2008.

Stokes, T. J. & Marshall, S. G. Coping with Loss and Death and Dying Issues in Respiratory Care. **Texas Society of Allied Health Professions: 31st Conference and Annual Meeting.** El Paso, TX, 2008. **Peer Reviewed State Presentation.**

Gonzales, J. F., Stokes, T. J., Marshall, S. G., & Russian C.F. Critical Thinking Skills and Preferred Learning Styles of Respiratory Care Students. **Texas Society of Allied Health Professions: 31st Conference and Annual Meeting.** El Paso, TX, 2008. **Peer Reviewed State Presentation.**

Marshall, S. G., Russian, C. J., & Hudson, J.D. Prevalence of Sleep Disturbances among Collegiate Football Players: Polysomnography Section. **Texas Society for Respiratory Care: 37th Annual Convention and Exhibition.** South Padre Island, TX, 2008. **Peer Reviewed State Presentation.**

Marshall, S. G., & Russian, C. J. Prevalence of Sleep Disturbance Among Collegiate Football Players. **College of Health Professions Research Forum,** Texas State University-San Marcos, TX, 2008. **Peer Reviewed Regional Presentation.**

Marshall, S. G., Gonzales, J. F., Stokes, T. J., & Russian, C. J. The Interactive Effects of Critical Thinking Skill Development and Preferred Learning Styles. **College of Health Professions Research Forum,** Texas State University, TX, 2008. **Peer Reviewed Regional Presentation.**

Russian, C. J., Harkins, L. T., & Marshall, S. G. Inter-rater Reliability Among Respiratory Care Clinical Instructors: A Pilot Study. **College of Health Professions Research Forum,** Texas State University, TX, 2008. **Peer Reviewed Regional Presentation.**

Marshall, S. G., & Shaw, D. K. Interdisciplinary Approach to a Patient with Chronic Lung Disease using Telehealth Technology. **American Physical Therapy Association Sections Conference**, San Diego, CA, 2006. **Peer Reviewed National Presentation.**

Marshall, S. G., & Shaw, D. K., Interdisciplinary Approach to a Patient with Chronic Lung Disease using Telehealth Technology. **College of Health Professions Research Forum**, Texas State University, TX, 2006. **Peer Reviewed Regional Presentation.**

Marshall, S. G., & Shaw, D. K., Interdisciplinary Approach to a Patient with Bronchopulmonary Dysplasia using Telehealth Technology: Pulmonary Rehabilitation Section. **Texas Society for Respiratory Care**, San Antonio, TX, 2006. **Peer Reviewed State Presentation.**

Marshall, S. G. Panel Discussion: Issues in Respiratory Care Education. **Texas Society for Respiratory Care 35th Annual State Convention,** San Antonio, TX. 2006.

Russian, C. J., Shaw, D. K, & Marshall, S.G, Evaluation of Exercise-Induced Bronchospasm Using Telehealth Technology. **College of Health Professions Research Forum**,

Texas State University, TX, 2006. **Peer Reviewed Regional Presentation.**

Russian, C. J., Shaw, D. K., & Marshall, S. G., Evaluation of Exercise-Induced Bronchospasm Using Telehealth Technology. **Texas Society for Respiratory Care 2006 State Convention & Annual Meeting**, San Antonio, TX, 2006. **Peer Reviewed State Presentation.**

Marshall, S. G., Shaw, D. K., Honles, G. L., & Sparks, K.E. Interdisciplinary Approach to the A Patient with Chronic Lung Disease Using Telehealth Technology. **Texas Physical Therapy Association Conference Proceedings, Annual Meeting,** The Woodlands, TX, 2005. **Peer Reviewed State Poster Presentation.**

Marshall, S. G. Developing a CoARC Polysomnography Program. **Texas Society for Respiratory Care 2005 State Convention**, **Annual Meeting,** South Padre Island, TX. 2005.

Marshall, S. G. Contemporary Pulmonary Treatment Methods. **Texas State Telehealth Program Seminar: Cardiopulmonary Rehabilitation for Therapists From Acute Care to Home Health,** San Marcos, TX. 2004.

Marshall, S. G. Quiet Killer #2: Sleep Apnea. **Texas State Telehealth Seminar: Cardiopulmonary Rehabilitation for Therapists From Acute Care to Home Health,** San Marcos, TX. 2004.

Marshall, S. G. Cardiopulmonary Medications. **Texas State Telehealth Seminar: Cardiopulmonary Rehabilitation for Therapists From Acute Care to Home Health,** San Marcos, TX. 2004.

Marshall, S. G. Case Study Presentation: Pulmonary Rehab. **Texas State Telehealth Seminar: Cardiopulmonary Rehabilitation for Therapists From Acute Care to Home Health,** San Marcos, TX. 2004.

Marshall, S. G. Telehealth & Polysomnography at Texas State. **Texas State Telehealth Seminar: Cardiopulmonary Rehabilitation for Therapists From Acute Care to Home Health,** San Marcos, TX. 2004.

Marshall, S. G. Ventilator Waveforms: Are you waving yet? **Texas Society for Respiratory Care Fall Forum**, **Annual Meeting,** Austin, TX. 2002.

Marshall, S. G. Asthma Medications: Not enough, too much, or just enough? **Sizzlin' Summer Symposium Teleconference**, Texas State University, San Marcos, TX. 2001.

Marshall, S. G. Ventilator Graphic Waveform Recognition. **Sizzlin' Summer Symposium Teleconference**, Texas State University, San Marcos, TX. 2000.

Marshall, S. G. Troubleshooting Adequate Mechanical Ventilation Through Graphic Waveforms, **Sizzlin' Summer Symposium Teleconference**, Texas State University San Marcos, TX. 1999.

Marshall, S. G. Closed Loop Ventilation. **SWTelelectures**, Texas State University, San

Marcos TX. 1999.

Marshall, S. G. Management of the Ventilated Patient with Non-Invasive Techniques. **Managing New Frontiers in Respiratory Care Spring Symposium**, Texas State University, San Marcos, TX. 1996.

Marshall, S. G. End-tidal CO2 (etCO2) Monitoring: Principles of Operation and Clinical Application. **Critical Care Symposium - Texas Society for Respiratory**, Victoria, TX. 1996

Marshall, S. G. Fine Tuning Respiratory Assessment Skills: Monitoring Auto-PEEP, Compliance and Overdistention. **Critical Care Symposium - Texas Society for** Respiratory Care, Victoria, TX. 1996.

Marshall, S. G. BiPAP - Noninvasive Ventilation. **University of Texas Health Science Center at San Antonio National Teleconference**, San Antonio, TX. 1995.

2. Invited Talks, Lectures, and Presentations:

Marshall, S. G. "Sleep Disordered Breathing: Assessment & Diagnostics." **Liberty University, Respiratory Therapy Program, Department of Allied Health Professions.** Live hours via live video conferencing, June 9th and 11th.

Marshall, S. G. "Pulmonary Pathophysiology for the Physical Therapist." **Texas State University, College of Health Professions, Department of Physical Therapy.** Lecture and lab presented to Doctorate in Physical Therapy graduate students.

June 25, 27. 2025. Willow Hall – Department of Physical Therapy
June 27, 29. 2024. Willow Hall – Department of Physical Therapy
June 26, 28. 2023. Willow Hall – Department of Physical Therapy
June 7, 9, 2022. Willow Hall – Department of Physical Therapy
June 7, 9, 2021. Willow Hall – Department of Physical Therapy
June 8, 10, 2020. Willow Hall – Department of Physical Therapy
July 15, 16, 2019. Willow Hall – Department of Physical Therapy
July 17, 18, 2018. Willow Hall -- Department of Physical Therapy
July 13, 14, 2017. Esperonza Hall – Department of Physical Therapy
July 11, 12, 2016. Esperonza Hall – Department of Physical Therapy
July 14, 15, 2015. Health Professions Building – Department of Physical Therapy

Marshall, S. G. "Sleep Disorders and the Critical Care Unit for the Physical Therapist." **Texas State University, College of Health Professions, Department of Physical Therapy.** Lecture and lab presented to Doctorate in Physical Therapy graduate students.

February 11, 13, 2024. Willow Hall – Department of Physical Therapy
February 21, 22, 2023. Willow Hall – Department of Physical Therapy
February 21, 22, 2022. Willow Hall – Department of Physical Therapy
February 23, 2021. Willow Hall – Department of Physical Therapy
February 25, 26, 2020. Willow Hall – Department of Physical Therapy
February 20, 21, 2019. Willow Hall -- Department of Physical Therapy
February 23, 24, 2018. Esperonza Hall – Department of Physical Therapy
February 21, 22, 2017. Esperonza Hall – Department of Physical Therapy

February 22, 23, 2016. Health Professions Building – Department of Physical Therapy

Marshall, S. G. “Sleep Disorders in Women.” **Ascension Medical Center – Williamson Ignite Women’s Health**, **Round Rock, Texas**. March 2, 2019.

Marshall, S. G. “Sleep Apnea and the Cardiac Patient.” **Ascension Medical Center – Williamson Cardiac Support Group**, **Round Rock, Texas**. March 12, 2019.

Marshall, S. G. “COPD + SDB = TROUBLE: Overlap Syndrome.” **American Association For Respiratory Care Webinar.** November 1, 2018. http://www.aarc.org/webcasts/copd-sdb-trouble-overlap-syndrome/

Marshall, S. G. "Sleepless in San Marcos." **Texas State University Alkek Library Staff.** Texas State University, TX. July 11, 2017.

Marshall, S. G. “Sleep and Mental Health.” **Texas State University Counseling Center: Community Mental Health Partners Networking Breakfast.** Texas State University. San Marcos, TX. May 28, 2015.

Marshall, S. G. “Sleepless in San Marcos: How to Get your Zzzz’s.” **Professional Development Health & Wellness “Lunch-and-Learn” Series.** Texas State University. San Marcos, TX. March 24, 2015.

Marshall, S. G. “Teaching to both halves of the brain.” **Texas Society for Respiratory Care 43rd Annual Convention and Exhibition, Education Section.** San Antonio, TX. May 2014.

Marshall, S. G. “Sleep and Mental Health.” **Texas State University, School of Social Work**. San Marcos, TX. March 2013.

Marshall, S. G. “Sleep and Mental Health.” **Texas State University, School of Social Work**. San Marcos, TX. March 2012.

Marshall, S. G. “Sleep and Mental Health.” **Texas State University, School of Social Work**. San Marcos, TX. March 2011

Marshall, S. G. “Sleepless in San Antonio—What Respiratory Therapists Need to Know about Sleep Disorders.” **The University of Texas Health Science Center at San Antonio, Department of Respiratory Care.** San Antonio, TX. November 2011.

Marshall, S. G. “Sleepless in San Antonio—What Respiratory Therapists Need to Know about Sleep Disorders.” **The University of Texas Health Science Center at San Antonio, Department of Respiratory Care**. San Antonio, TX. October 2010.

Marshall, S. G. “Sleepless in San Antonio—What Respiratory Therapists Need to Know about Sleep Disorders.” **The University of Texas Health Science Center at San Antonio, Department of Respiratory Care.** San Antonio, TX. October 2009.

Marshall, S. G. "Sleepless in San Antonio—What Respiratory Therapists Need to Know about Sleep Disorders." **The University of Texas Health Science Center at San Antonio, Department of Respiratory Care.** San Antonio, TX. November 2008.

Marshall, S. G. "Sleepless in San Marcos." **Health Brains Seminar--Heads Up campaign for Brain Awareness Week: The DANA Alliance for Brain Initiatives. Texas State University.** San Marcos, TX. March 2008.

3. Consultancies:

NOVA Southeastern University External Review Consultant of Academic Program Review (APR), Respiratory Therapy, B.S. Program, Palm Beach, FL, November 1, 2021 – March 23, 2022.

Harper Community College and Roosevelt University Consortium for Associate Degree Program and course development in Respiratory Care and Degree Advancement Program and course development in Respiratory Care, Chicago, IL, October 2021-2022.

Medical/Legal Consult for Stephen E. Tinkler Law Firm, 309 Johnson Street, Sante Fe, NM 87501, March 2014-2018.

Medical/Legal Consult for Templeton Smittee Hayes Heinrich & Russell, LLP, 320 South Polk, Suite 1000-L.B. 5, Amarillo, TX, July 2008-November 2008.

Medical/Legal Consult for Shallcross Law Firm, Richard A. Shallcross, 1645 S. Cheyenne Ave, Tulsa, OK, March 2008-July 2008.

Academic Consultant/Undergraduate Mentor, Thomas Edison State College, School of Applied Science and Technology, Trenton, NJ. 2010-2011.

University of Texas Medical Branch-Galveston, "Development of Case-base Management System for Clinical Evaluation." Department of Respiratory Care, Galveston, TX, November 2010.

Beacon Consulting Associates, Academic Program Review Site Team for Thomas Edison State College, Fort Sam Houston Respiratory Therapy Program, San Antonio, TX, July 2010.

Consultant for Interactive Distance Grant, Department of Respiratory Care: "The Center for Interactive Learning Respiratory Care Outreach," Health & Human Services Federal Grant ($300,000). Texas State University. San Marcos, TX. 1994-1997.

4. Workshops:

Marshall, S. G. (2011). Sleep Disorders and Mental Health. Texas State Counseling Center. Texas State University, San Marcos, TX. October 21, 2011.

Marshall, S. G. (2009). Qualitative Fit Test (QLFT) Training Workshop. Texas State Environment Health, Safety & Risk Management Office. Texas State University, San Marcos, TX. August 20, 2009.

5. Other Works not in Print:

a. Works "submitted" or "under review"

Marshall, S. G. (2016). Sleep Disordered Breathing And Disorders of Ventilatory Control. In R. Restrepo (Ed.), *Diseases Affecting the Respiratory System: A Case-Based Approach*. Philadelphia, PA: F.A. Davis.

c. Other works not in print

Vangelis, J., Schizas, I., & Marshall, G (2015). Real-Time Subspace Denoising of Polysomnographic Data.

Marshall, S. G. (2011). Academic Program Review Self-Study/Site Visit/Action Plan for the Department of Respiratory Care. Texas State University, San Marcos, TX. (**Peer Reviewed)**

Marshall, S. G. (2008). American Academy of Sleep Medicine Accreditation for Texas State Sleep Center Accreditation Self-Study Review/Site Visit/Action Plan. Texas State University, San Marcos, TX. **(Peer Reviewed)**

Marshall, S. G. (2005). Commission on Accreditation for Respiratory Care Initial Accreditation for Polysomnography Technology Program Self-Study Review/Site Visit/ Action Plan. Texas State University, San Marcos, TX. (**Peer Reviewed)**

Marshall, S. G. (2005). Commission on Accreditation for Respiratory Care Reaccreditation For Respiratory Care Baccalaureate Program Self-Study Review/Site Visit/Action Plan. Texas State University, San Marcos, TX. (**Peer Reviewed)**

Marshall, S. G. (2003). Academic Program Review Self-Study/Site Visit/Action Plan for the Department of Respiratory Care. Texas State University, San Marcos, TX. (**Peer Reviewed)**

Millian, T., Barrios, Y., Johnson, N., Seigala, I., Bezner, J., & Marshall, S. G. (2003). The Effects of Thoracic Myofascial Release Techniques On Pulmonary Function Measures In Individuals with Asthma.

C. Grants and Contracts

1. Funded External Grants and Contracts:

2018 American Association for Respiratory Care – Research Grant: $48,950
Co-PI with Dr. Chris Russian. "Critical Thinking and Clinical Judgement Skills in Recent Graduates of Associate Degree and Baccalaureate Degree Programs." (Grant 8000003146)

2007 Texas State Athlete Sleep Wellness Program – Development Grant: $10,000.00

2006 Texas State Athlete Sleep Wellness Program – Development Grant: $13,500.00

2006 Respironics Phillips Corp. Gift-in-Kind Grant – Texas State Football Sleep Wellness Program: $23,772.50

2006 Respironics Phillips Corp. Gift-in-Kind Grant – Texas State Football Sleep Wellness Program: $9,985.00

2004 Martech Medical Systems Gift-in-Kind Grant – Sleep Center Development: $3,900

2004 CompuMedics USA Gift-in-Kind Grant – Sleep Center Development: $62,314.00

2004 Nautilus Group Gift-in-Kind Grant – Sleep Center Development: $7,656.00

2004 North Carolina Direct Furniture Gift-in-Kind Grant - $6,204.00

2003 Nellcor Puritan Bennett- Gift-in-Kind Grant: $4,200.00

2. Submitted, but not Funded, External Grants and Contracts:

2015 PI – Metsis, V., Co-PI – Marshall, S. G. "Unobtrusive In-Home Sleep Monitoring and Data Analysis for Sleep Disorder Assessment." National Science Foundation. Amount requested: $475,207.51. Submitted 10-13-2015.

2015 PI – Marshall, S. G. "Texas State Veterans Sleep Wellness Program." Equity and Access FYI 5 Diversity Plan Funding Request, Texas State University. Amount requested: $5,000.

2011 PI - Marshall, S. G. & Melzer, B. "Research Foundation: Clinical Simulation Lab." Robert J Kelberg Jr. and Helen C Kleberg Foundation. Amount requested: $534,000. Submitted 10-07-2011.

2010 PI - Selber, K., Co-Investigator - Marshall, S. G. "Texas State Vet-to-Vet Center of Excellence." US Department of Education Fund for the Improvement of Secondary Education. Amount requested: $396,192. Submitted 7/2010.

2010 PI - Gobert, D, Associate PI - Marshall, S. G, Komogortsev O, Honles, G, & Etherton J. "Characterizing Sleep and Oculomotor Function in Persons with Mild Traumatic Brain Injury in Response to Exercise. Submitted to National Institutes of Health- Academic Research Enhancement Award (R15). Amount Requested: $300,000.00, Direct Costs. Submitted 10/20/10.

2009 PI - Selber, K. Co-Investigator - Marshall, S. G. "Project Walking With Heroes: Resource Center." Texas Resources for Iraq-Afghanistan Deployment (TRIAD) Fund. Amount requested: $262,099. Submitted 10/14/09.

2009 PI - Gobert, D., Associate PI - Marshall, S. G. "ARRA Gender-specific Recovery in Veteran Students after mTBI." National Institute of Health-National Institute of

Neurological Disorders. Amount requested: $880,063. Submitted 09/15/09.

2009 PI - Hustvedt, H. M., Associate PI - Marshall, S. G. "Sleep Efficiency of Texas Wool in Pediatric Populations," Texas Department of Agriculture/Good and Fibers Research (FF-100). Amount requested: $24,198. Submitted 03/02/09.

2008 PI-Gobert, D., Associate PI - Marshall, S. G. "Oculomotor and Sleep Function in Mild Traumatic Brain Injury," National Institute of Child Health and Human Development/Small Research Grants (R03). Amount: $221,251. Submitted 10/25/2008.

3. Funded Internal Grants and Contracts:

2004 Marshall, S. G. Texas State University IT Grant for Sleep Lab Development: $3,971.20

2000 PI - Marshall, S. G. "Prevalence of Asthma Education & Pulmonary Rehabilitation Programs in Texas Hospitals," ORSP Research Enhancement Grant, Texas State University-San Marcos. Amount Funded: $6,640.75.

4. Submitted, but not Funded, Internal Grants and Contracts:

2014 Marshall, S. G. "Texas State Veterans Sleep Wellness Program." Equity and Access FY15 Diversity Plan Funding Request. Texas State University. Amount Requested: $5,000.

IV. SERVICE

A. Institutional

1. University:

Texas State University College of Health Professions Health Science Search Committee, Program Director, 2026-2027
Texas State University School of Nursing Director Search Committee, Chair, 2023-2024
Round Rock Campus Leadership and Organizational Structure Work Group, 2022
Texas State University Tuition & Fees Committee, 2013-present
Texas State University Council of Chairs, 2003-present
Texas State University Faculty Grievance Hearing Officer, 2020
Texas State University Transfer Task Force, 2017-2018
Texas State University Academic Program Review Site Visit Team – Dept. of Psychology, 2015
Texas State University/College of Education Review Group, 2015
Texas State University Leadership Assembly, 2014-2018
Texas State University Council, 2013-2014
NSF-NUE Nanotechnology Undergraduate Education Advisory Council, Ingram School of Engineering, 2013-2019
Texas State University Employee of the Month Committee, 2012-2015
Texas State University Information Technology Advisory Committee, 2006-2015
Texas State University Summative Review Committee for Dean Ruth B. Welborn, 2013
Texas State University Council, 2011-2012 (alternate)
Texas State University/College of Fine Arts & Communication College Review Group, 2010-2011

Texas State University Task Force on Internationalization, 2010-2011
Texas State University Media Relations Advisory Board, 2006-2009
Texas State University CHP Director of Nursing Search Committee, Chair, 2007-2008
Texas State University Commencement Student Speaker Committee, 1998-2005
Texas State University Facilities Committee, 2004-2005
Texas State University College of Education College Review Group, 2004
Texas State University Muir Mentoring Award Selection Committee, 2002-2003
Texas State University Temporary Faculty Committee, Chair, 2002-2003
Texas State University Student Scholarship Selection Committee, 2001-2002
Texas State University Commencement Student Speaker Committee, 2000-2001
Texas State University Grievance Committee, 2000
Texas State University Suspension & Appeals Committee, 1993 - 2000
Texas State University Library Committee, 1987-94
Texas State University Tribunal Hearing Committee appointed member, 1992
Texas State University Faculty Senate Liaison for Allied Health Sciences, 1991
Texas State University Search Committee for Dean of School of Health Professions, 1991
Texas State University Testing & Advanced Standing Examination Committee, 1985-87
Texas State University Audio-Visual Committee, 1983-86
Texas State University Academic Computing Task Force, 1984-85
Texas State University Faculty Focus Group for Continuing Education, 1983-84
Texas State University Academic Advisor for Undeclared Majors, 1983-84, 1986-87
Beta Upsilon Chi, Zeta Chapter for Texas State University, Faculty Advisor, 1997-2018
Hill Country Life, Faculty Advisor, 2006-present

2. College:

College of Health Professions Physical Therapy Personnel Committee, 2026-present
College of Health Professions Committee on Committees – Chair, 2025-2026
College of Health Professions 50th Anniversary Committee, 2021-2022
College of Health Professions Strategic Planning Committee, 2003-present
College of Health Professions 40th Anniversary Task Force, 2012
College of Health Professions College Council, 2003-present
College of Health Professions Review Group, 2002-present
College of Health Professions Task Force for HSC Facilities Planning, 2004-2005
Ad Hoc CDIS Personnel Committee, 2000-2003
Ad Hoc HIM Personnel Committee, 2000-2003
Ad Hoc CLS Personnel Committee, 2001-2003
College of Health Professions Awards Day Committee, 2002-2003
College of Health Professions Lecture Series Committee, Chair, 2001-2002
College of Health Professions Lecture Series Committee, Co-Chair, 2000-2001
College Ad Hoc Clinical Advisory Task Force, 1999
College of Health Professions Clinical/Preceptor Faculty Committee, 1997
College of Health Professions Faculty Recognition Awards Committee, Chair, 1995-96
College of Health Professions Research Enhancement Grant Committee, 1996
College of Health Professions Clinical Faculty/Preceptor Committee, 1996
College of Health Professions Awards Committee, Chair, 1986-90
College of Health Professions Computer Committee, 1987-90
College of Health Professions 20th Anniversary Committee, 1991-92
College of Health Professions Recruitment and Retention Committee, 1991-93

College of Health Professions Strategic Planning Committee, 1992-93
College of Health Professions School Review Group, 1992-94, 1996 - present
Health Information Management Faculty Search Committee, 1995-96
Physical Therapy/Respiratory Care Faculty Search Committee, Chair, 1994
Medical Records Administration Faculty Search Committee, Chair, 1990-91
Respiratory Therapy Faculty Search Committee, 1990-91
Physical Therapy Advisory Committee, 1989-93
AV Management Committee, 1986-88
Public Relations Committee, 1985-86
Research of Contracts, Word Processing, & Computer Applications Committee, 1986-86
Faculty Development Committee, 1984-85
PT/RC Faculty Search Committee, 1993

3. Department/School:

Commission on Accreditation for Respiratory Care (CoARC) Reaccreditation Self-Study and Site Visit. Awarded 10-year accreditation status – July 2025
Commission on Accreditation for Respiratory Care (CoARC) Distinguished Registered Respiratory Therapist Success Award to the Bachelor of Science in Respiratory Therapy Program – July, 2020
Commission on Accreditation for Respiratory Care (CoARC) Annual Accreditation Report
2003 – Respiratory Care Program (CoARC #200197)
2004 – Respiratory Care Program (CoARC #200197)
2005 – Respiratory Care Program (CoARC #200197)
2006 – Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2007 – Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2008 – Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2009 – Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2010 – Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2011 – Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2012 – Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2013 -- Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2014 -- Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2015 -- Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2016 -- Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2017 -- Respiratory Care Program (CoARC #200197) and Polysomnographic Technology Program (CoARC #400197)
2018 -- Respiratory Care Program (CoARC #200197) and Polysomnographic Technology

Program (CoARC #400197)
2019 -- Respiratory Care Program Annual Report and continuing accreditation (CoARC #200197)
2019 -- Letters of Intent Acceptance for Degree Advancement Programs
Master of Science in Respiratory Care (CoARC #520017)
Bachelor of Science in Respiratory Care R.R.T.-to-B.S.R.C. Online Completion Program (CoARC #510017)
2020 -- Respiratory Care Program Annual Report and continuing accreditation (CoARC #200197)
2021 -- Respiratory Care Program Annual Report and continuing accreditation (CoARC #200197)
2022 -- Respiratory Care Program Annual Report and continuing accreditation (CoARC #200197)
2023 -- Respiratory Care Program Annual Report and continuing accreditation (CoARC #200197)
2024 -- Respiratory Care Program Annual Report and continuing accreditation (CoARC #200197)
2025 -- Respiratory Care Program Annual Report and continuing accreditation (CoARC #200197)
2025 – Respiratory Care Program Reaccreditation self-study and site visit awarded highest recommendation for 10 years accreditation until 2035 (CoARC #200197
Respiratory Care Department Chair, 2003-2026
Respiratory Care Strategic Planning Committee, chair, 2005-2025
Respiratory Care Student Selection Committee, 1980 - present
Respiratory Care Advisory Board, 1983- present
Respiratory Care Curriculum Committee, 1980- present
2010 – Transition of 4-year curriculum to 2+2 feasibility study
2011 – Transition of 140-hour curriculum to proposed 120-hour curriculum
2012 – Completion of 120-hour and “2+2” BSRC Curriculum for submission/approved
2017 – Completion of 36-hour curriculum for submission/approval of Master of Science in Respiratory Care Program
2017 – Completion of 32-hour curriculum for submission/approval of Bachelor of Science in Respiratory Care RRT-to-BSRC Online Completion Program
Respiratory Care Student Scholarship Committee, 1985- present
Respiratory Care Director of Clinical Education (DCE), 1983 - 2003
Texas State University/Hendrick Medical Center/Cisco Junior College, Consortium/Chair, 2002-2007
Respiratory Care Student Association, Faculty Advisor 2002-2003
Texas State Sleep Center Development Committee, chair, 2004-2005

B. Professional:

American Association for Respiratory Care, Fellow Award, December 2020
American Academy of Sleep Medicine, 2007-present
American Association for Respiratory Care, 1983-present
AS-to-BS Conversion Committee, 2020-present
Membership Committee, 2020-present
American Association of Sleep Technologists, 2006-present
American College of Respiratory Therapy Education (ACRTE) formerly the Coalition for Baccalaureate and Graduate Respiratory Therapy Education (CoBGRTE),
Past-President, 2024-2025
President, 2022-2024
President-Elect, 2020-2022
Elections Committee, Chair, 2020-2022
Vice-President for Research, Executive Board, 2018-2019
The Coalition Chronical Editorial Board, 2017-present
Legislative Committee, Co-Chair, 2019-present

Membership Committee, 2010-present
Program Standards Committee, Chair, 2012-2019
External Affairs Committee, 2018-2019
Strategic Initiative Committee, 2018-present

Lambda Beta National Honor Society for Respiratory Care, Texas State charter member, 2008-present
Athletic Training & Sports Health Care, journal reviewer, 2017-present
Mental Health in Student Athletes: Associations with Sleep Duration, Sleep Quality, Insomnia, Fatigue, and Sleep Apnea Symptoms. **Athletic Training & Sports Health Care.** 2017-present
National Academies of Practice, Professional Member of Respiratory Care Academy, 2024
Respiratory Care Education Annual, Editorial Board, 2017-present
Respiratory Care Journal, journal reviewer, 2013-present
Adapted Physical Activity Quarterly, journal reviewer, 2009-2010.
Delmar Publisher, content expert/book reviewer, 2010-2013.
Mosby/Elsevier, content expert/book reviewer, 1999-present
St Philips College-San Antonio, Respiratory Therapy Program Advisory Board, 2003-present
Texas Medical Board - Texas Board for Respiratory Care Licensing Board, gubernatorial appointment, 2016 – 2021 term
reappointment, 2022 – 2027 term
Texas Society for Respiratory Care, 1980-present
Capital Region Treasurer, 1999-2000
State Education Committee Co-Chair, 2004-2005
Nominations Committee, 2002-2003
Polysomnography Section, Chair, 2007-08
State Education Committee Co-Chair, 2004-2005
Nominations Committee, 2002-2003
Texas Society for Sleep Professionals, Vice-President, 2007-2009, 2011-2013
University of Texas Health Science Center, Department of Respiratory Care Advisory Board, 2003-2025

C. Community/State

Governor-appointment to the Texas Board of Respiratory Care -- Texas Medical Board, 2016-2027
Assistant Presiding Officer, 6/1/2020 - 2/1/2027 serving as Respiratory Care Practitioner agency overseeing practice standards for respiratory care in the State of Texas

D. Service Honors and Awards:

American College of Respiratory Therapy Education (ACRTE) Life Membership for Presidential Leadership 2020-2025
American Association for Respiratory Care (AARC) Fellowship Award, December 2020, in national recognition of leadership, influence and achieve in the Respiratory Care profession
CoARC National Award for Bachelor of Science in Respiratory Care Entry-Level Program for **Distinguished Registered Respiratory Therapist Success**, July 12, 2020.
Teaching Award of Honor, Texas State Alumni Association, Texas State University, 2020
Nominated for Service Excellence Award, College of Health Professions, 2016
College of Health Professions, Faculty Excellence in Service Professor Award, Texas State University, 2015
Texas Society for Sleep Professionals, Dedication of Service Award, October 2015

Texas State University Service Award for “Thirty-five Years of Service”, September 1, 2015
Texas State University Service Award for “Thirty Years of Service”, September 1, 2010
Texas Society for Sleep Professionals Annual Founders Award, August 2008
Texas Society for Respiratory Care Award/Polysomnography Section Chair, 2007
Texas State Service Award for "Twenty-Five Years" of service, September 1, 2006
Texas Society for Respiratory Care Education Committee Award, 2005-2006
Texas Society for Respiratory Care Education Committee Award, 2004-2005

E. Interprofessional Education

Interprofessional Education for College of Health Professions (CHP)

2023-2023 CHP faculty from Clinical Lab Sciences, Communication Disorders, Health Informatics, Healthcare Administration, Nursing, Physical Therapy, Radiation Therapy, and Respiratory Care engage in faculty exercises in IPE to promote interprofessional interaction supporting the “team” concept of our professions among faculty. IPE events take place multiple times during the academic year. Several themes have been developed including “lock room” and “interdisciplinary competition” in team building. All College of Health Professions are required to participate.

2008-2023 All newly admitted CHP students to one of the eight college programs (>350) from Clinical Lab Sciences, Communication Disorders, Health Informatics, Healthcare Administration, Nursing, Physical Therapy, Radiation Therapy, and Respiratory Care are required to engage in students IPE exercises to introduce interprofessional interactions during a fall orientation. The IPE event is part of the CHP Scroll Ceremony at which newly admitted students read aloud and in unison as a member of the CHP healthcare team a pledge similar to the Hippocratic Oath. Most recently, EMS has been added to the exercises, as well. Mass casualty practice events including all program disciplines of the CHP and a nearby medical center have also been developed.

2008-2023 Provided a lecture series each summer for the DPT program that includes Pathophysiology of Pulmonary Disorders with an emphasis on interprofessional team interaction between PT, Respiratory Care, Communication Disorders, and Nursing for a single patient and how the team approach is needed to enhance the recovery process.

2023-2023 Provided a lecture series each spring for the DPT program regarding special care needed for patients in the ICU on ventilators with orders for physical therapy while recovering from intubation and mechanical ventilation. Various ventilators are demonstrated and patient care concerns—such as water in the ventilator tubing and the need for suctioning are covered. Dangling, standing, sitting, and ambulation of intubated and ventilated patients is demonstrated and practiced. Interaction between PT, Respiratory Care and Nursing are emphasized with team practice interprofessionally.

2008-2023 Provided a lecture series to the BSN students on Sleep Disorders Including assessment of patients to determine the presence of symptoms of sleep disorders. The series includes patient assessment and team approach with Respiratory Care practitioners working together to resolve sleep issues that compound and complicate sequella.