TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Nathan A. Rodrigues Title: Associate Professor

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
M.S.I.S	2011	Texas State University	Interdisciplinary Studies	
B.S.R.C.	2008	Texas State University	Respiratory Care	

C. University Experience

Position	*University*	*Dates*
Director of Clinical Education	Texas State University	Jan 2026-Present
Associate Professor	Texas State University	Sep 2024-Present
Assistant Professor	Texas State University	Jan 2018-Aug 2024
Guest Lecturer	Texas State University	June 2011- Jan 2018
Adjunct Faculty Instructor	Texas State University	Aug 2014 – Dec 2014
Lecturer	Texas State University	Aug 2013 – Dec 2013

D. Relevant Professional Experience

Position	*Entity*	*Dates*
Respiratory Care Practitioner	Ascension Seton Premier Staffing	Apr 2015 – Dec 2018
Respiratory Care Practitioner	Seton Medical Center-Williamson	Sept 2008 – Apr 2015
Emergency Medical Technician	American Medical Response	Mar 2003 – Mar 2009
Respiratory Therapy Assistant	Univ. Medical Center-Brackenridge	Oct 2006 - Sept 2008

Other: Military

Infantry, Airborne	United States Army	June 1999 – June 2003

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

National:

Certified Respiratory Therapist (CRT)

Note: Current through 5/31/2029.

Registered Respiratory Therapist (RRT), National Board for Respiratory Care (NBRC).

Note: The RRT credential is nationally recognized as the “standard of excellence” for respiratory care professionals. Earning the RRT credential requires passing two examinations that objectively and uniformly measure essential knowledge, skills and abilities, and demonstrates advanced respiratory therapist status. Completion of 30 hours of continuing education over a 5-year period is required for credential renewal. Current through 5/31/2029.

Neonatal/Pediatric Specialist (NPS), National Board for Respiratory Care (NBRC).

Note: The Neonatal/Pediatric Specialty (NPS) Examination objectively measures the knowledge and skills of advanced respiratory therapists working in the neonatal and pediatric areas. The examination to earn the NPS credentials goes above and beyond general respiratory care activities to focus specifically on competencies that are unique to these highly specialized areas. Current through 5/31/2029.

Sleep Disorders Specialist (SDS), National Board for Respiratory Care (NBRC).

Note: The Sleep Disorders Specialty (SDS) Examination objectively measures the knowledge and skills of respiratory therapists who perform sleep disorders testing and therapeutic intervention. It goes above and beyond general respiratory care activities to focus specifically on competencies that are unique to diagnosing and treating sleep disorders. This distinction signals to employers, colleagues, and patients highly specialized skills and experience or education in the field of sleep medicine. Current through 5/31/2029.

State:

Respiratory Care Practitioner (RCP), Texas Medical Board (TMB).

Note: License number RCP00071472. Completion of 24 hours of continuing education over a 2-year period is required for license renewal. Current through 5/31/2026.

Emergency Medical Technician (EMT-B), Texas Department of State Health Services (TDSHS) EMS-Trauma Systems.

Note: License number 164724. Emergency medical technicians (EMTs) respond to and administer treatment during medical emergencies in pre-hospital and transport settings and must perform well under pressure and in high stress environments. Completion of 72 hours of continuing education over a 4-year period is required for license renewal. 12/21/2004 - 9/30/2021.

Other:

Basic Life Support (BLS)

Note: BLS is the type of care that first-responders, healthcare providers, and public safety professionals provide to anyone who is experiencing cardiac arrest, respiratory distress or an obstructed airway. It requires knowledge and skills in cardiopulmonary resuscitation (CPR), using automated external defibrillators (AED) and relieving airway obstructions in patients of every age. Current through 5/31/2025.

Advanced Cardiovascular Life Support (ACLS)

Note: Advanced certification for healthcare professionals who direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies, including personnel in emergency response, emergency medicine, intensive care, and critical care units such as physicians, nurses, and paramedics. Current through 5/31/2025.

II. TEACHING

A. Teaching Honors and Awards:

National:

American Association for Respiratory Care (AARC) Education Section Recognized Clinical Preceptor 2024-2025. Awarded to clinical preceptors who are focused on excellence in Respiratory Care education and in mentoring students in the profession. October 2024-November 2025.

American Association for Respiratory Care (AARC) Education Section Recognized Clinical Preceptor 2019-2020. Awarded to clinical preceptors who are focused on excellence in Respiratory Care education and in mentoring students in the profession. August 1, 2019-July 31, 2020.

University:
Teaching Award of Honor. Nominee. Texas State University Alumni Association. 2022.

Teaching Award of Honor. Recipient. Texas State University Alumni Association. 2020.

1. Student Accomplishments

Faculty Supervisor for Black, Raquelle, BSRC student. Woody Kageler, MD Respiratory Care Foundation of Texas Educational Grant. *Pulmonary Hypertension*. Texas Society for Respiratory Care State Conference, Waco, Texas. July 10th, 2019. 1st Place Award. $1,000.00

Faculty Supervisor for Menefee, Shelby, BSRC student. Woody Kageler, MD Respiratory Care Foundation of Texas Educational Grant. *Idiopathic Pulmonary Fibrosis*. Texas Society for Respiratory Care State Conference, Waco, Texas. July 10th, 2019. 3rd Place Award. $1,000.00

Faculty Supervisor for Fisher, Alicia, BSRC student. Woody Kageler, MD Respiratory Care Foundation of Texas Educational Grant. *Bronchopulmonary Dysplasia Still Exists*. Texas Society for Respiratory Care State Conference, New Braunfels, Texas. June 11th, 2018. 3rd Place Award. $850.00.

B. Courses Taught:

RC 4324 Sleep Medicine and Polysomnography	Spring 2025, 2026
RC 4316 Clinical Practice IV	Fall 2014, 18, 19, 20, 21, 22, 23, 24, 25
RC 3333 Clinical Practice III	Summer 2018, 19, 20, 21, 22, 23, 24, 25
RC 3314 Respiratory Care Instrumentation	Fall 2018, 19, 20, 21, 22, 23, 24, 25
RC 3321 Cardiopulmonary Pathology (WI)	Spring 2018, 19, 20, 21, 22, 23, 24, 25
RC 3323 Respiratory Care Practice II	Spring 2018, 19, 20, 21, 22, 23, 24, 25
RC 3313 Clinical Practice I	Fall 2013

C. Directed Student Learning (i.e. theses, dissertations, exit committees, etc.):

The Impact of an AIDET Gamulation on Patient Communication in Respiratory Care Students. Applied Research Project for Master of Science in Respiratory Care (MSRC) degree. Supervisor. Babco, CF. Projected completion December, 2021.

Identifying the Prevalence of Sleep Deprivation in Healthcare Personnel. Applied Research Project for Master of Science in Respiratory Care (MSRC) degree. Mentor. Chacon, ID. Completed December, 2020.

D. Courses Prepared and Curriculum Development:

RC 3314: Respiratory Care Instrumentation I. Revised and updated course content, didactic lecture, laboratory practice, and examinations. Aug-Dec 2025.

RC 3321 (WI): Cardiopulmonary Pathology (WI). Revised and updated course content and material. Jan-May 2025.

HS 3350: Foundations in Interprofessional Education and Collaborative Practice. Developed Respiratory Care portion of curriculum. Jan-Mar 2025.

RC 4324: Sleep Medicine and Polysomnography. Course development for AOP TXST Global. Nov 2024-Jan 2025.

RC 3321 (WI): Cardiopulmonary Pathology (WI). Revised and updated course content and material for third unit. Jan-May 2022.

RC 3314: Respiratory Care Instrumentation I. Revised and updated course content, didactic lecture, laboratory practice, and examinations. Aug-Oct 2020.

RC 3321 (WI): Cardiopulmonary Pathology (WI). Revised and updated course content. Jan-May 2020.

RC 3314: Respiratory Care Instrumentation I. Revised 2 of 4 complete academic units, including didactic lecture, laboratory practice, and examinations to reflect current knowledge, practice, and standards. Jun-Aug 2018.

RC 3323: Respiratory Care Practice I. Intensive Care Unit (ICU) preparation. Revised electrocardiographic (ECG) curriculum, including: The electrical conducting system, electrophysiology, lead placement, machine usage, waveform analysis and measurements, dysrhythmia recognition and interpretation, Advanced Cardiovascular Life Support (ACLS) preparation, and competency. Also revised endotracheal intubation and cuff pressure management curriculum and laboratory practice. Jan-May 2018.

E. Teaching Grants and Contracts

1. Funded External Teaching Grants and Contracts:

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

3. Funded Internal Teaching Grants and Contracts:

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

F. Other:

1. Guest Lectures:

PT 7333. Body Systems II - Cardiopulmonary Systems. This course covers fitness, health, wellness, and normal and abnormal function of the cardiovascular/pulmonary and metabolic systems as related to physical therapist practice. Content emphasizes basic principles of care in respiratory therapy, chest physical therapy, electrocardiography, exercise testing, exercise prescription, and cardiac rehabilitation. I provided a guest lecture regarding critical care collaborative efforts between respiratory therapy and physical therapy, mechanical ventilation, medical gas storage and delivery modalities, as well as sleep disorders and polysomnography. April 9, 2025.

PT 7333. Body Systems II - Cardiopulmonary Systems. This course covers fitness, health, wellness, and normal and abnormal function of the cardiovascular/pulmonary and metabolic systems as related to physical therapist practice. Content emphasizes basic principles of care in respiratory therapy, chest physical therapy, electrocardiography, exercise testing, exercise prescription, and cardiac rehabilitation. I provided a guest lecture regarding critical care collaborative efforts between respiratory therapy and physical therapy, mechanical ventilation, medical gas storage and delivery modalities, as well as sleep disorders and polysomnography. April 10, 2024.

PT 7333. Body Systems II - Cardiopulmonary Systems. This course covers fitness, health, wellness, and normal and abnormal function of the cardiovascular/pulmonary and metabolic systems as related to physical therapist practice. Content emphasizes basic principles of care in respiratory therapy, chest physical therapy, electrocardiography, exercise testing, exercise prescription, and cardiac rehabilitation. I provided a guest lecture regarding critical care collaborative efforts between respiratory therapy and physical therapy, mechanical ventilation, medical gas storage and delivery modalities, as well as sleep disorders and polysomnography. April 10, 2023.

PT 7333. Body Systems II - Cardiopulmonary Systems. This course covers fitness, health, wellness, and normal and abnormal function of the cardiovascular/pulmonary and metabolic systems as related to physical therapist practice. Content emphasizes basic principles of care in respiratory therapy, chest physical therapy, electrocardiography, exercise testing, exercise prescription, and cardiac rehabilitation. I provided a guest lecture regarding critical care collaborative efforts between respiratory therapy and physical therapy, mechanical ventilation, medical gas storage and delivery modalities, as well as sleep disorders and polysomnography. February 3, 2022.

SOWK 5332. Helping Troops Transition Back to their Families and Communities: The Invisible Wounds of War. The course examines topics at the individual, family, group, organizational, and community levels related to troops who are returning from current combat operations and their families. It reviews the needs, community resources, and policies in place for helping them and their families make this transition. I provided a 60-minute guest lecture to a graduate social worker course. My lecture covered the importance of sleep, and how good sleep habits can facilitate the transition from military to academia, as well as overall health and quality of life. It also covered methods of assessing veterans for sleep-related disorders and disturbances. June 23, 2021.

G. Teaching Professional Development Activities Attended

III. SCHOLARLY/CREATIVE

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

1. Books:

a. Scholarly Monographs:

b. Textbooks:

c. Edited Books:

d. Chapters in Books:

e. Creative Books:

2. Articles:

a. Refereed Journal Articles:

Selber K, Clary, KL, Rodrigues NA, Ortiz R, West B, Morales S. *Continuing the Mission: Findings from a Needs Assessment Supporting the New Generation of Student Veterans*. Studies in Clinical Social Work: Transforming Practice, Education and Research 95(2). Published March 6, 2025. https://doi.org/10.1080/28376811.2025.2471308

Hudgins AM, Desireddi J, Arzu A, Rodrigues NA. *A Single Center Comparison of Introducing an Inhaled Nitric Oxide Initiation and Weaning Protocol into the Neonatal Intensive Care Unit*. Neonatal Intensive Care 35(2). Published April 25, 2022. https://nicmag.ca/pdf/NIC-35-2-Spring-2022-R19-web.pdf

Note: This study found a 60% decrease in inhaled nitric oxide gas (INO) usage post protocol implementation in a level IV neonatal intensive care unit. Findings are clinically significant for several reasons, including decreased INO exposure, decreased drug overutilization, improved patient outcomes, and the provision of standardization of care.

Rodrigues NA, Farmer TA, Morley RH, Dekowski SA, Crum MA, Chacon ID, Hudgins AM, Russian CJ. *Rest and Readiness in Unit-Based Specialty Care Perinatal Transport Team Clinicians: A Pilot Study.* Neonatal Intensive Care 34(3). Published May 30, 2021. https://www.researchgate.net/publication/352848644_Rest_and_Readiness_in_Unit-based_Specialty_Care_Perinatal_Transport_Team_Clinicians_A_Pilot_Study

Note: This study compared sleepiness and fatigue measures between unit-based specialty care transport team (USCT) clinicians from a level IV neonatal intensive care unit and non-hospital-based medical transport team clinicians from Travis County *STAR* Flight over a 30 day period. Statistically significant increases in sleepiness and fatigue in USCT clinicians were found to be predominantly due to the provision of bedside patient care between out-of-hospital medical transport missions. Findings are significant for several

reasons, including the facilitation of rest and readiness policies and procedures which foster improved patient outcomes and clinician safety.

Trahan MH, Morley RH, Nason EN, Rodrigues NA, Huerta L, Metsis, V. *Virtual Reality Exposure Simulation for Social Anxiety and PTSD in Student Veterans: A Case Study*. Clinical Social Work Journal. Published January 19, 2021. https://doi.org/10.1007/s10615-020-00784-7

Note: This study explored the implementation of mobile virtual reality exposure therapy (mVRET) in a student veteran with combat-related PTSD and social anxiety over 12 repeated sessions. Decreases in psychological symptoms, improvements in neurological connectivity, and restored sleep quality measures were found upon completion. These findings are significant for several reasons, including the feasibility of using mVRET as a mechanism for improving sleep quality and interconnected mental health disorders.

Henry NR, Gardner DD, Rodrigues NR. *Development of a Pulmonary Workshop for Organ Recovery Coordinators' Continued Medical Education*. Published September 15, 2020. Progress in Transplantation. 30(4). https://doi.org/10.1177/1526924820958113

Note: This study evaluated organ recovery coordinator (ORC) comfort/familiarity with mechanical ventilation and pulmonary management skills pre-and-post an in-depth 8-hour pulmonary workshop administered by the Department of Respiratory Care in collaboration with an organ procurement organization. Significant increases were found for all mean comfort/familiarity scores post-workshop. Findings are significant for several reasons, including the proposition that a pulmonary workshop may help ORCs develop a greater awareness and comfort with pulmonary management when managing organ donors in critical care units, and subsequently improve recovery chances.

Rodrigues NA, Farmer TA, Chacon ID, Hudgins AM. *Sleep and Fatigue in Specialty Care Transport Team Personnel: Essential Concerns and Future Obligations*. Invited article. Pulmonology and Respiratory Medicine 9(3). Published March 2020. https://ecronicon.net/assets/ecprm/pdf/ECPRM-09-00565.pdf

Note: This invited article is an opinion piece written to clearly disseminate the position of our interdisciplinary research team regarding the concerns and future responsibilities associated with rest and readiness in specialty care neonatal transport team clinicians to an expansive audience. It aims to hone in on the central underlying points, inform and persuade readers, as well as justify the necessity for further research efforts into this significant topic. This article precedes the main subsequent research project.

Meyers M, Rodrigues NA, Ari A. *High Frequency Oscillatory Ventilation: A Narrative Review*. Published April 5, 2019 in Canadian Journal for Respiratory Therapy 55:40–46. doi: 10.29390/cjrt-2019-004. https://cjrt.ca/article/81403-high-frequency-oscillatory-ventilation-a-narrative-review

Note: This article provides a comprehensive, critical, and methodological narrative review of the scientific principles and clinical application of high-frequency oscillatory ventilation (HFOV) in critical care. This article is significant, as it may facilitate best

practices and inform policy development which may subsequently be used to improve outcomes in critically ill patients.

Rodrigues NA, Smith KS, Selber K, Russian CJ. *Identifying Sleep As A Health Need in Student Veterans*. Published July 1, 2019 in Pulmonology and Respiratory Medicine 8(7): 531-546. https://ecronicon.net/assets/ecprm/pdf/ECPRM-08-00414.pdf

Note: This study investigated the presence and characteristics of sleep complaints in student veterans via online needs assessment surveys. Student veterans reported unmet sleep needs, inadequate sleep duration, difficulty initiating and maintain sleep, consequential deleterious daytime complaints that affect their academic performance with continuity over 3 separate academic years, and expressed their interest in supportive campus-based sleep services. These findings are significant, may suggest the manifestation of sleep disorders and disturbances at higher rates than found in military and nonveteran populations, and deem further research necessary.

b. Non-refereed Articles:

3. Conference Proceedings:

a. Refereed Conference Proceedings:

b. Non-refereed:

4. Abstracts:

Hudgins AM, Rodrigues NA, Ari A. *A Single Center Comparison of Introducing an Inhaled Nitric Oxide Initiation and Weaning Protocol into the Neonatal Intensive Care Unit*. Respiratory Care 67(10). Published October (4th quarter/Autumn) 2022. https://rc.rcjournal.com/content/67/Suppl_10/3774352

5. Reports:

6. Book Reviews:

7. Essays:

8. Poems:

9. Short Stories:

10. Other Works in Print:

B. Works Not in Print:

1. Papers Presented at Professional Meetings:

Papers:

Trahan MH, Huerta L, Metsis V, Morley R, Rodrigues NA. & Nason E. (2021, January). *A Mobile-Based Virtual Reality Grocery Store For Reducing Social Anxiety In Student Veterans: A Case Study*. Paper presented at the 25th Annual Society for Social Work and Research Conference.

Posters:
Irani F, Rodrigues N, Sargent G, Bouchard GE. *Impact of Sleep on Stuttering*. 29th Annual Faculty Student Research Forum, College of Health Professions, Texas State University. April 10, 2025. First place award.

Rodrigues NA, Clary KL, Selber SK. *Sleep and Mental Health: Barriers to Student Veteran Academic Success*. 2025 Health Scholar Showcase, Translational Health Research Center, Texas State University. April 4, 2025.

Rodrigues NA, Russian CJ, Hudgins AM. *High Frequency Oscillatory Ventilation Using Noninvasive Interfaces*. 28th Annual Faculty Student Research Forum, College of Health Professions, Texas State University. April 11, 2024.

Irani F, Rodrigues N, Sargent G, Bouchard GE. *Impact of Sleep on Stuttering*. Annual Convention of the American Speech-Language-Hearing Association. Seattle, Washington, USA. December 5, 2024.

Rodrigues NA, Dallas CF, Henry NF, Hudgins AM, Ari A. *The Gamification of Effective Patient Communication*. 2023 Health Scholars Showcase, Translational Health Research Center, Texas State University. March 3, 2023.

Hudgins AM, Rodrigues NA, Ari A. *A Single Center Comparison of Introducing an Inhaled Nitric Oxide Initiation and Weaning Protocol into the Neonatal Intensive Care Unit*. 75th Annual AARC International Congress. New Orleans, Louisiana. November 11, 2022.

Rodrigues NA, Farmer TA, Morley RH, Hudgins AM, Russian CJ. *Rest And Readiness In Unit Based Specialty Care Perinatal Transport Team Clinicians: A Pilot Study*. International Biomedical 18th Annual Neonatal and Pediatric Airborne Transport Conference. Austin, Texas. May 4th-6th, 2022.

Henry NR, Gardner DD, Rodrigues NA. *Development of a pulmonary workshop for organ recovery coordinators' continuing medical education*. 25th Annual Faculty/Student Research Forum, College of Health Professions, Texas State University. April 15, 2021.

Rodrigues NA, Morley RH, Hudgins AM, Russian CJ. *Rest And Readiness In Unit Based Specialty Care Perinatal Transport Team Clinicians: A Pilot Study*. 2021 Health Scholars Symposium, Translational Health Research Center, Texas State University. April 15, 2021.

Rodrigues NA, Trahan MH, Morley RH, Nason EE, Metsis V. *A Case Study Evaluating Mobile Virtual Reality Exposure Therapy And Sleep Quality In A Student Veteran with PTSD And Social Anxiety.* 25th Annual Faculty/Student Research Forum, College of Health Professions, Texas State University. April 16, 2021.

Rodrigues NA, Morley RH, Hudgins AM, Russian CJ. *Rest And Readiness In Unit Based Specialty Care Perinatal Transport Team Clinicians: A Pilot Study*. 25th Annual Faculty/Student Research Forum, College of Health Professions, Texas State University. April 16, 2021.

Rodrigues NA, Chacon ID. *Identifying Fatigue, Sleep, And Outcomes In Specialty Care Medical Transport Team Personnel*. Texas Society for Respiratory Care (TSRC) State Convention. Waco, TX, USA. Peer-reviewed poster presentation. July 10, 2019.

Rodrigues NA, Smith KS, Selber K, Russian CJ. *Identifying Sleep as a Health Need in Student Veterans*. Texas Society for Respiratory Care (TSRC) State Convention. Waco, TX, USA. Peer-reviewed poster presentation. July 10, 2019.

Rodrigues NA, Smith KS, Selber K, Russian CJ. *Identifying Sleep as a Health Need in Student Veterans*. Texas Society for Respiratory Care (TSRC) Regional Conference. South Padre Island, TX, USA. Peer-reviewed poster presentation. May 2, 2019.

Rodrigues NA, Chacon ID. *Identifying Fatigue, Sleep, And Outcomes In Specialty Care Medical Transport Team Personnel*. Texas State University, College of Health Professions Faculty and Student Research Forum. San Marcos/Round Rock, TX, USA. Peer-reviewed digital poster presentation. April 10, 2019.

Rodrigues NA, Smith KS, Selber K, Russian CJ. *Identifying Sleep as a Health Need in Student Veterans*. Texas State University, College of Health Professions Faculty and Student Research Forum. San Marcos/Round Rock, TX, USA. Peer-reviewed digital poster presentation. April 10, 2019.

Rodrigues NA, Smith KS, Selber K, Russian CJ. *Identifying Sleep as a Health Need in Student Veterans*. Texas State University, Translational Health Scholars Showcase. San Marcos, TX, USA. Peer-reviewed poster presentation. February 27, 2019.

2. Invited Talks, Lectures, and Presentations:

Invited Lectures:

Mechanical Ventilation in Critical Care. Clinical scenario and familiarization for undergraduate nursing students in NURS 3241, Acute Nursing Care of Adults Practicum. Summer 2011-2018, St. David's School of Nursing, Round Rock, Texas.

Invited Presentations:

Overview of Texas State University Student Veteran Success Initiatives, Services, and Needs. TXST Symposium on Student Veteran Success. Texas State university, San Marcos. April 5, 2024.

Exploring the Social Support Needs of Student Veterans in a Post-COVID Assessment of Academic, Social, Health, and Career Factors. University of Texas Military and Behavioral Health Conference. LBJ School of Public Affairs, University of Texas at Austin. June 13, 2023.

Sleep Disorders and Student Veterans: Improving Outcomes. Presidential event. 1 of 3 faculty members invited to speak regarding current College of Health Professions research. Texas State University Development Foundation Board of Trustees Meeting. January 27, 2023. Round Rock, Texas.

Continuing The Mission: Intelligence To Support The Next Wave of Student Veterans on Campus. Veterans Advisory Council (VAC). Key findings from the most recent interval student veteran needs assessment. Texas State University. January 9, 2023. San Marcos, Texas.

Sleeping for Success. Texas Society for Respiratory Care Annual Conference Rio Grande Valley. April 28, 2022, South Padre Island, Texas.

Sleep Overlap Syndrome: Improving Patient Outcomes in Pulmonary and Cardiovascular Rehabilitation. 30th Annual Texas Association of Cardiovascular and Pulmonary Rehabilitation Annual Conference. Recovery 2022: Rethinking and Rebuilding Rehab. April 8, 2022. Frisco, Texas.

Sleeping for Success. SOWK 5332 Helping Troops Transition Back to their Families and Communities: The Invisible Wounds of War. Presentation to Graduate Social Work students preparing to help military veterans transition to college, and how sleep can improve academic success, mental health, and overall quality of life. June 23, 2021.

A Team Approach to Treating a Patient with a Cardiopulmonary Diagnosis. Texas State University, College of Health Professions Faculty Interprofessional Education (IPE) Event. May 7, 2019. San Marcos, Texas.

Sleep Overlap Syndrome. Texas Society for Respiratory Care, Rio Grande Valley District Conference. May 2-3, 2019, South Padre Island, Texas.

Clinical Application of Heliox in Sleep-Disordered Breathing. Texas Society for Respiratory Care, Rio Grande Valley District Conference. May 3-4, 2018, South Padre Island, Texas.

3. Consultancies:

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.

4. Workshops:

Workshop Attended:

Texas Society for Sleep Professionals Annual Conference. Grand Prairie, Texas. September 13-14, 2025.

TexVet Legacy Summer Institute. San Marcos, Texas. July 22, 2025.

American Speech-Language-Hearing (ASHA) International Convention. Seattle, Washington. December 5-7, 2024.

Congress 2022. 75th Annual International Conference. American Association for Respiratory Care (AARC). New Orleans, Louisiana. November 9-12, 2022.

Texas Society for Advancement of Allied Health Professions Conference. Health Professions in a Post-Covid environment. September 22-23, 2022. Texas State University. Round Rock, Texas.

Workforce Development in Health Professions. Office of Research, College of Health Professions. Texas State University. October 7, 2022.

Informatics and Data Science in Healthcare. Office of Research, College of Health Professions. Texas State University. September 16, 2022.

Inter-professional Education Committee Organizer: Escape Room. Moderator. College of Health Professions, Texas State University. May 4, 2022.

Viruses Gonna Virus: The Unfolding Story of Pandemic. Seminar, Dr. Rodney Rohde. Texas State University, November 9, 2021. Texas State University Round Rock Speaker Series.

African-American Roots and Diabetes Reduction through Focused Premeated Learning. Dean's Seminar, Texas State University, November 4, 2021.

American Association for Respiratory Care (AARC) Congress International Respiratory Event. Zoom virtual conference. December 1st, 3rd, 7th, and 9th, 2021. AARC.

Inter-professional Education Committee Organizer: Escape Room. Moderator. College of Health Professions, Texas State University. September 10, 2021.

Inter-professional Education Committee Organizer: Madness-To-Methods. Moderator. College of Health Professions, Texas State University. May 4, 2021.

Grant Writing Workshop. Dr. Arzu Ari. Office of Sponsored Projects, College of Health Professions, Texas State University. April 2, 2021.

LGBTQiA Allies Training. Texas State University, Office of Organizational Development & Communications. February 26, 2021.

Strategies for Finding Funding. Texas State University, Office of Research and Sponsored Programs. Online, Zoom. February 5, 2021. Dr. Evy Gonazalez.

American Association for Respiratory Care (AARC) Congress International Respiratory Event. Zoom virtual conference. November 18th, 20th, and December 3rd, 5th, 2020. AARC.

Overview of the Research Enhancement Program (REP). Texas State University, Faculty Development, Office of the Provost. September 3, 2020.

Tenure and Promotion to Associate Professor: Advice for Assistant Professors. Texas State University, Office of the Provost, Faculty Development. September 30, 2020.

Online Teaching Certification Course. Texas State University Office of Distance and Extended Learning (ODEL). August, 2020.

Virginia Academy of Sleep Medicine 12th Annual Conference. Zoom Virtual meeting. November 12-13, 2020. Virginia Academy of Sleep Medicine.

*22nd Annual Children's Health Respiratory Care Conferenc*e. Dallas, Texas. October 17, 2019. Dallas Children's Health.

Texas Society for Sleep Professionals 11th Annual Conference. San Antonio, Texas. September 6-7, 2019. Texas Society for Sleep Professionals.

Lung Ultrasound Certification Course for Respiratory Care Practitioners. Dallas, Texas. September 14, 2019. Texas Society for Respiratory Care.

Annual Evaluation and Digital Measures. Texas State University, San Marcos, Texas. November 16, 2018. ALK 105/106. ITAC.

Effective Strategies for Finding Funding. Texas State University, Round Rock, Texas. October 29, 2018. Avery #120/121. Dr. Evy Gonzales.

Tenure and Promotion and Career Development. October 19, 2018. Texas State University, San Marcos, Texas. ALK 105/106. Dr. Debbie Thorne, Dr. Eugene Bourgeois.

American College of Physicians - CHEST Annual Meeting. October 16th, 2018. San Antonio, Texas. Henry B. Gonzalez Convention Center.

Research Enhancement Program (REP) and Beyond. September 14, 2018. Texas State University, San Marcos, Texas. JCK #460. Dr. Michael Blanda.

New Tenure-Track Faculty Orientation: Resources and Responsibilities 2018. August 22, 2018. Texas State University, San Marcos, Texas. Flowers Hall #230. Dr. Debbie Thorne.

Flip Your REP: Turning an Internal TXST Seed Grant into External Funding. April 5, 2018. Texas State University, San Marcos, Texas. Alkek Library #105/6. Dr. Michael Blanda.

Beginning TRACS for New Faculty Orientation. January 12, 2018. Texas State University, San Marcos, Texas. Alkek Library #105/6.

5. Other Works not in Print:

a. Works "submitted" or "under review":

b. Works "in progress":

Rodrigues NR, Morley RH, Selber K, Marshall SG. *An Actigraphic comparison of Sleep in Military Veteran and Non-Veteran College Students – A Pilot Study.* Writing phase. Expected Date of Submission: May, 2026. Special Issue on Veterans Studies.

Professional Development: The International Journal of Continuing Social Work Education.

Rodrigues NA, Dallas CF, Henry NR, Ari, A. *The Impact of an AIDET Gamulation on Comfortability of Patient Communication in Undergraduate Respiratory Care Students*. Writing phase. Expected date of submission: May, 2026.

Irani F, Rodrigues NA. *The Impact of Sleep on Stuttering: A Pilot Study*. Statistical/data analysis phase. Expected date of submission: June, 2026.

Hudgins AM, Rodrigues NA. *The Degree of Imposter Syndrome in Senior Year Respiratory Care Students Prior to Internships*. Writing phase. Expected Date of Submission: June 2026.

Hudgins AM, Rodrigues NA, Farmer TA, Lindsay, JE. *Determining the Degree of Imposter Syndrome in Healthcare Professionals: A Focus on Respiratory Therapists*. Statistical/data analysis phase. Expected Date of Submission: July, 2026.

Rodrigues NA, Hudgins AM. *High Frequency Oscillatory Ventilation Utilizing Noninvasive Interfaces*. Statistical/data analysis phase. Expected date of submission: August, 2026.

c. Other Works Not in Print:

C. Scholarly / Creative Grants and Contracts:

1. Funded External Grants and Contracts:

Clary KL, Selber SK, Rodrigues NA. *Building Capacity for Veteran-Driven Patieint-Centered CER on Moral Injury*. Patient Centered Outcomes Research Institute (PCORI). Amount $299,924.00. LOI was accepted. Proposal for full funding submitted January 6th, 2026.

Clary KL, Selber SK, Rodrigues NA. *Building Capacity for Veteran-Driven Patieint-Centered CER on Moral Injury*. Patient Centered Outcomes Research Institute (PCORI). Amount $299,924.00. LOI submitted November 26th, 2025.

Gift in-kind. Draeger Products and Solutions. Laboratory test lung for research use. Value: $500.00. January 9, 2023.

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

Trahan MH, Selber KS, Clary KL, Rodrigues NA. *Developing a Center for Veteran Well-Being at Texas State University: Extending Our Award-Winning Veterans Initiative*. USAA. Amount $1,500,000.00. In Progress.

Metis V, Trahan MH, Morley RH, Rodrigues NA, Smith KS, Nason EE, Trujillo LT. (Submitted February 16, 2021). *Psychophysical Biosignal Analysis to Advance Virtual*

Reality Exposure Therapy for Social Avoidance in Combat Veterans. National Science Foundation (NSF). Amount $1,037,675.00.

Trahan MH, Metsis V, Lawrence G, Rodrigues NA, & Nason E. (Submitted October 2018). *Researching mobile phone delivery of a virtual reality intervention for veterans suffering from social anxiety disorder*. Robert Wood Johnson (RWJ) Foundation. Amount $398,545.00. Not Funded.

3. Funded Internal Grants and Contracts:

Rodrigues NA, Hudgins AM. (Submitted October 13, 2021). A Translational Benchtop Study Comparing Non-Invasive Interfaces Using High Frequency Oscillatory Ventilation To Improve Patient Outcomes In Neonatal Populations With Respiratory Failure. Research Enhancement Program (REP). Amount $14,802.00. Funded.

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

Hudgins AM, Rodrigues NR. Benchtop to Baby: Initiating High-Frequency Oscillatory Ventilation Through Non-Invasive Interfaces. Research Enhancement Program (REP). Submitted October 12, 2020. Amount $14,802.00

Huang YC, Rodrigues NA. *Factors Associated with Dental Care Utilization and Oral Health Among People with Type 2 Diabetes*. Research Enhancement Program (REP). Submitted October 7, 2019. Amount $16,000.00

Rodrigues NA, Trahan MH, Smith KS. *Differentiating the Effect of Virtual Reality Exposure on Sleep in Student Veterans With PTSD and Social Anxiety Disorder.* Research Enhancement Program (REP). Submitted October 16, 2018. Amount $16,000.00

Rodrigues NA, Smith KS, Ceballos N, Sharma S, Selber, K, Trahan, MH, Metsis, V. *Fostering Academic Success: An Objective Inquiry to Corroborate the Clamor of Subjective Sleep Complaints in Military Veteran College Students – A Pilot Study*. 2018 Health MIRG. Submitted March 30, 2018. Amount $23,173.98

Rodrigues NA, Gonzalez JF. University Library Online Resource Grant #04-455-981. Submitted February 12, 2018. Amount $11,983.50

D. Scholarly / Creative Fellowships, Awards, Honors:

Recipient. College of Health Professions Achievement Award for Excellence in Scholarly and Creative Activities. 2021.

Recipient. 2nd Place Award. Faculty Research Poster Presentation. 25th Annual College of Health Professions Faculty and Student Research Symposium.

Recipient. 1st Place Award. International Biomedical Research Poster Presentation. Airborne Medical Transport Conference. May 6, 2022. Austin, TX, USA.

E. Scholarly / Creative Professional Development Activities Attended:

F. Media Recognition:

The Coalition Chronicle. The National Professional Organization Newsletter. CoBGRTE Member Interview. December 29, 2021, Volume 10 (12), pages 6-8.

IV. SERVICE

A. Institutional

1. University:

Leader of Roundtable. Speaker at New Tenure-Track Faculty Orientation. “Let’s Talk About Your First Year on the Tenure-Track at Texas State.” August 18, 2021.

Leader of Roundtable. Speaker at New Tenure-Track Faculty Orientation. “How To Be Successful During Your Path to Tenure and Promotion and as a First-Year Tenure-Track Faculty Member at Texas State University.” August 21, 2019.

Bobcat Days, November 22, 2025

Bobcat Days, February 22, 2025

Bobcat Days, April 20, 2024

Bobcat Days, April 15, 2023

Bobcat Days, October 16, 2021

Bobcat Days, November 23, 2019

2. College:

HOSA College of Health Professions Recruiting Event. Kalahari, Round Rock, Texas. Apr 29-30, 2025.

Admitted Student Day. Saturday, Apr 12, 2025.

Discover TXST Round Rock event. Saturday, Mar 29, 2025.

Faculty Excellence Committee. 2021-Current. Charged to gather nominations and make individual recommendations to the Dean for the CHP’s Faculty Excellence Awards in teaching, service and research.

Inter-Professional Education Committee, Fall 2018-Current. Reports to Dr. Shannon Herron, College of Health Professions, Department of Physical Therapy.

3. Department/School:

Discover TXST Round Rock Event. Nov 1, 2025.

Personnel Committee, Communication Disorders, Texas State University. Nov 2025-Present.

Personnel Committee, Respiratory Care, Texas State University. Sep 2024-Present.

Department of Respiratory Care, Chair – Recruiting Sub-Committee, January 2023 – present.

Department of Respiratory Care, College of Health Professions Community Health Fair & Open House Recruiting Participant. April 22, 2023.

Sam Marshall Scholarship Committee, Member. Spring 2021 – present.

Department of Respiratory Care, Chair – Service Learning Sub-Committee, Spring 2021 – present.

Department of Respiratory Care, RC Advisory Board CoARC Accreditation Panel. Wednesday, January 20th, 2021.

Recruiting visit for BSRC-Online completion and MSRC programs, Children's Health, Baylor University Medical Center, Dallas, Texas, November 12-13, 2020.

Recruiting visit for BSRC-Online completion and MSRC programs, South Texas College, McAllen, Texas, August 7-8, 2019.

Professional/Service Learning Credits Coordinator, Spring 2019 – Present.

Department of Respiratory Care Scholarship Committee, April 2019 - Present

Department of Respiratory Care, Clinical Education Liaison for Baylor Scott & White Health, 2018 – 2021.

Department of Respiratory Care Faculty Search Committee, Summer 2019

Department of Respiratory Care Student Selection Committee, Summer 2019

Department of Respiratory Care Faculty Search Committee, Spring 2019

Department of Respiratory Care Faculty Search Committee, Fall 2018

Department of Respiratory Care Faculty Search Committee, Summer 2018

Department of Respiratory Care Faculty Search Committee, Spring 2018

Department of Respiratory Care Student Selection Committee, Summer 2018

B. Professional:

Elections Inspector, Texas Society for Respiratory Care (TSRC) Board Members Ballot. 2023.

American College of Respiratory Therapy Education (ACRTE), member. National Membership Committee. January 2021-present.

American Association of Respiratory Care (AARC), member. The AARC is the national organization (with international recognition) for Respiratory Therapists.

AARC Education Section, member. 2019-Present

Texas Society for Respiratory Care (TSRC), member. The TSRC is the state society for Respiratory Therapists.

TSRC, Runner-up, Vice President, Board of Directors. 2020-2021

American Association of Respiratory Care (AARC), member. ACRTE is organized to educate students, faculty, and public regarding baccalaureate and graduate respiratory therapy education in the United States.

Respiratory Care Journal, International Scope, Manuscript Peer Reviewer. 2018 – Present.

Journal of Fluency Disorders, International Scope, Manuscript Peer Reviewer. 2024 – Present.

Manuscripts Reviewed:

Sleep Parameters in Children Who Stutter: A Comparison with Children Who Do Not Stutter Using Actigraphy. March 7, 2025. Journal of Fluency Disorders. Manuscript Number: JFD-D-24-00043R3

Sleep parameters recorded by actigraphy in children who stutter. November 11, 2024. Journal of Fluency Disorders. JFD-D-24-0043.

Does Using A Neck Collar Improve Apnea-Hypopnea Index Scores in Subjects with Obstructive Sleep Apnea Syndrome? June 24, 2024. Respiratory Care Journal. RC-12203.

Night-to-night variability of overnight pulse oximetry in children with underlying conditions. Sep 18, 2023. Respiratory Care Journal. RC-11460.

Sleep Changes During Social Isolation Due to the COVID-19 Pandemic in Individuals With Chronic Respiratory Diseases. March 1, 2023. Respiratory Care Journal. RC-10935

Outcomes of Pediatric Titration Sleep Studies Following Empirical Use of Positive Airway Pressure and the Effect on Adherence to Therapy. August, 2021. Respiratory Care Journal. RC-09521.

Evaluation Of Respiratory Therapist Extender Comfort With Mechanical Ventilation During COVID-19. September, 2020. Respiratory Care Journal. RC-08459.

Respiratory Therapy Administrators' Perceptions Of Effective Teaching Characteristics Of Clinical Preceptors. March, 2019. Respiratory Care Journal. RC-06947.

Respiratory Physiotherapy May Reduce Mortality In Critically Ill Patients On Mechanical Ventilation: a randomized clinical trial. October, 2018. Respiratory Care Journal. RC-06581.

C. Community:

Board Member. Community Advisory Board, U.S. Department of Veterans Affairs (VA) Funded TexVet Legacy Grant Team. TexVet Legacy is a multidisciplinary research and storytelling project that will honor, document, and disseminate the stories of 50 historically underrepresented Veterans interred in VA-funded cemeteries throughout Texas. Tasked with providing feedback on outreach and educational materials, actively connecting with social service agencies, stakeholders, and organizations to expand community capacity, as well as assisting with the dissemination of our project and ensuring its sustainability beyond the grant period. September 1, 2024-Present.

Texas Governor-Appointed Board Member. Texas Medical Board (TMB), Board of Respiratory Care. Our mission is to protect and enhance the public's health, safety and welfare by establishing and maintain standards of excellence used in regulating the practice of medicine and ensuring quality health care for the citizens of Texas through licensure, discipline and education. As required by SB 202 passed in 2015 by the 84th Texas Legislature, the Texas Board of Respiratory Care is an advisory board to the medical board and consists of nine members appointed by the governor with the advice and consent of the senate as follows: (1) four respiratory care practitioners who each have at least five years of experience as a respiratory care practitioner; (2) two physicians licensed in this state who supervise respiratory care practitioners; and (3) three members who represent the public. The advisory board and the medical board are responsible for regulating the practice of respiratory care as required by Chapter 604, Occupations Code. March, 2024-Present.

Member, Round Rock Chamber of Commerce, Leadership Round Rock (LRR). An extension program through the Round Rock Chamber of Commerce, the mission of Leadership Round Rock is to develop leadership skills in individuals and to promote awareness of issues and opportunities that impact the community of Round Rock and Williamson County. It is designed to provide participants with important information about topics such as the area's history, infrastructure, educational composition, as well as the significance of involvement in and support for the community. I represent and promote Texas State University in the local community as a member of this program. Participation in this program is competitive, and class sizes are limited. January 2022-December 2022.

Round Rock Chamber of Commerce, Annual Awards Banquet, participant. This event was Round Rock's premier business event where we highlight the community's most accomplished companies and leaders and celebrate the chamber's past-year accomplishments. February 2, 2022.

D. Organization Memberships:

E. Service Honors and Awards:

F. Service Grants and Contracts:

1. Funded External Service Grants and Contracts:

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

3. Funded Internal Service Grants and Contracts:

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

G. Service Professional Development Activities Attended: