Texas State Vita

I. Academic/Professional Background

A. Name: Christopher J. Russian Title: Professor

B. Educational Background:

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
Ph.D.	2014	Texas State University	Adult, Professional, Community Education	A qualitative study to determine perceptions of neonatal and pediatric clinical education in an allied health profession.
M.Ed.	2002	Texas State University	Physical Education	None
B.S.R.C.	1998	Texas State University	Respiratory Care	NA
B.S.	1995	Sam Houston State University	Kinesiology	NA

C. University Experience:

Position	*University*	*Dates*
Chair, Program Director, Department of Respiratory Care	Texas State University	2026-present
Interim Chair, Program Director, Department of Respiratory Care	Texas State University	2025-2026
Academic Program Coordinator, Master of Science in Respiratory Care	Texas State University	2017-2025
Professor	Texas State University	2016 - present
Associate Professor (Tenured - 2008)	Texas State University	2008 - 2016
Director of Clinical Education	Texas State University	2003 - 2017
Assistant Professor	Texas State University	2002 - 2008
Lecturer	Texas State University	2000 - 2002
Clinical Instructor	Texas State University	1999 - 2000

D. Relevant Professional Experience:

Position	*Entity*	*Dates*
Respiratory Therapist	Brackenridge Hospital	01/99 - 2006
Respiratory Therapist	St. David's Hospital	08/98 - 09/99
Respiratory Therapist	Specialty Hospital of Austin	01/98 - 08/98
Respiratory Therapist	Santa Rosa Hospital	12/97 - 08/98

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

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.

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.

Respiratory Care Practitioner License, RCP, Texas Medical Board.
Note: License number RCP00063297. Completion of 24 hours of continuing education is required for license renewal.

Registered Polysomnographic Technologist (RPSGT), Board of Registered Polysomnographic Technologists (BRPT). Earned credential on 12/10/2005.
Note: The RPSGT credential is recognized internationally as the highest certification for those health care professionals who clinically assess patients with sleep disorders.
The RPSGT exam is developed, maintained and administered by the BRPT. The RPSGT credential ensures that sleep technologists hold the highest level of core knowledge, skills, abilities, and attributes.
Completed the Atlanta School of Sleep Medicine in 2005.

Registered Sleep Technologist (RST), American Board of Sleep Medicine (ABSM).
Note: The RST credential, administered by the ABSM, signifies the holder has met the minimum requirements deemed necessary for the day-to-day responsibilities of the sleep technologist in a clinical setting.

II. Teaching

A. Teaching Honors and Awards:

Excellence in Teaching, College Achievement Award, College of Health Professions, 2020.

Adjunct Doctoral Faculty - Courtesy Graduate Faculty Appointment. Department of Counseling, Leadership, Adult Education & School Psychology – APCE Ph.D. program. This appointment provides approval to serve as a dissertation member for Kevin Collins, with an appointment term that will expire Aug. 2020.

Excellence in Teaching, College Achievement Award, College of Health Professions, 2017.

Favorite Professor recognition by the Alfred H. Nolle Chapter of the Alpha Chi National Honor Society. Fall 2016.

Student Veteran Appreciation of Campus Support Program. 2010 Recognition.

Graduating Student Recognition Award: Named as a person at Texas State University who made a contribution to the academic career of a graduate (2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2019)

Adjunct Graduate Faculty, Texas State University, Department of Respiratory Care, January 2006.

Program for Excellence in Teaching and Learning 2003-04

B. Courses Taught:
Current Curriculum – MSRC
RC 5214 Sleep Staging and Diagnostics, summer 2018-
RC 5215 Clinical Polysomnography-Sleep Staging, fall 2018-
RC 5302 Clinical Practice Guidelines and Respiratory Care Protocols, fall 2021-
RC 5304 Cardiopulmonary Disease and Patient Education, summer 2021-
RC 5308 Advanced Cardiopulmonary Diagnostics and Therapeutics, spring 2018-
RC 5313 Polysomnography Therapeutic Intervention, spring 2018-
RC 5310 Fundamentals of Polysomnography, spring 2018-
RC 5316 Respiratory Care Curriculum Development, Fall 2024-

Current Curriculum – RRT-to-BSRC
RC4309 Pulmonary Diagnostics, fall 2018-2021

Current Curriculum – BSRC:
RC 4322 Respiratory Care Seminar, spring 2015-
RC 4316 Respiratory Care Practice IV, fall 2014-
RC 4225 Specialization Internship, spring 2015-
RC 4223 ICU Internship, spring 2015-

RC 4212 Critical Care Clinical Simulation, fall 2014-
RC 3334 Neonatal Respiratory Care, summer 2014-
RC 3333 Respiratory Care Practice III, summer 2014-
RC 3323 Respiratory Care Practice II, spring 2014-
RC 3313 Clinical Practice I, fall 2013-

Old Curriculum – BSRC:
RC 4320 Contemporary Issues in Cardiopulmonary Care, spring 2003-2007
RC 4315 Neonatal Respiratory Care, spring 2001-2012
RC 4246 Specialization Internship, summer 2008-2014
RC 3411 Applied Pathology (Gross Anatomy Laboratory Assistant), fall 1998
RC 3375 ICU Internship, summer 2008-2013
RC 3365 Respiratory Care Practice IV, spring 2003-2013
RC 3331 Advanced Respiratory Care Instrumentation, fall 2000-2004
RC 2375 Respiratory Care Practice III, fall 2001-2012
RC 2365 Respiratory Care Practice II, spring 2001-2012
RC 2355 Respiratory Care Practice I, fall 2000-2012
RC 1445 Clinical Lab I, summer 2002-2011
RC 1316 Instrumentation II, Summer 2000-2001
RC 1135 RC Clinical Lab I, spring 2000-2011

Old Curriculum – Polysomnography Graduate Certificate:
RC 5313 Clinical Polysomnography-Sleep Staging I, fall 2006-2016
RC 5312 Polysomnography Therapeutic Intervention, spring 2007-2016
RC 5310 Fundamentals of Polysomnography, fall 2006-2016
RC 5215 Clinical Polysomnography-Sleep Staging II, spring 2007-2016

Health Care Opportunities Program (HCOP), Instructor, Summer 2001

C. Graduate Theses/Dissertations or Exit Committees:

Dissertation Committee (2018-2019). Kevin Collins

Thesis Committee, (2016-2017). Richard Serra, A comparison of the effects of diaphragmatic breathing exercises and yoga pranayama techniques on pulmonary function in individuals with exercise induced asthma. Athletic Training Program, Department of Health and Human Performance, Texas State University.

Thesis Committee, (2014-15). Blair Wyatt, The relationship between diaphragmatic breathing and lumbopelvic control in physically active patients with and without chronic low back pain. Athletic Training Program, Department of Health and Human Performance, Texas State University.

Tenure Track Mentoring Committee (2006) for Dr. Lyn Litchke, Assistant Professor, Department of Health and Human Performance, Texas State University.

D. Courses Prepared and Curriculum Development:

Bachelor of Science Degree Program in Guyana, South America. Team Lead: Sharon Armstead. This is an ongoing project to develop a Bachelor of Science Degree in Guyana. As part of the team I am assisting with curriculum development, course sequence, budget creation, course instruction, and a memorandum of understanding between Guyana Ministry of Health and Texas State University. My involvement started in 2024 and is ongoing.

RC 5317: Independent Study in Respiratory Care. **Course Proposal** for a new MSRC course. **Developed and submitted in 2024**. This course offers individualized study under the direct supervision of a professor, focusing on specific problems or research topics within respiratory care. Students will engage in independent research, regular consultations with their faculty advisor, and the development of a comprehensive research project and presentation. It may include individual problems or research topics designed to emphasize selected areas of study.

Minor in Pulmonary and Sleep Health. **Program Proposal** for a new minor degree program at to be offered to undergraduate students. **Development and submitted in 2024**. The proposed minor in Pulmonary and Sleep topics aims to provide students with a comprehensive understanding of respiratory andsleep health. This interdisciplinary program is designed to benefit students in healthcare programs, biology majors, and pre-medicaltracks by offering specialized knowledge and research opportunities in these critical areas of health.

Minor in Clinical Specialist. **Program Proposal** for a minor in clinical specialist to be added to the Leadership Concentration Major of the MSRC. 2024.

Minor in Polysomnography. Program Proposal for a minor in polysomnography to be added to the Clinical Specialist Concentration Major of the MSRC. 2024.

Major in Clinical Specialist Concentration in the Master of Science in Respiraotry Care (MSRC). Program Proposal for a new concentration within the MSRC degree. **Developed and submitted in 2023**. This advanced online post-professional master's degree program will offer practicing registered respiratory therapists (RRT) theopportunity to pursue current and emerging knowledge in the evolving respiratory care discipline within specific concentrationareas. The program will prepare respiratory therapists seeking career advancement opportunities through graduate education foradvanced respiratory care leadership roles, for healthcare-based clinical educators' positions, industry clinical specialist positions,and for academic educators' positions in the discipline of respiratory care.

RC 5309 Advanced Respiratory Care Practice (ONLINE). This course is an exploration of advanced Respiratory Care topics to optimize practice in the healthcare environment. The coursewill address best practice recommendations and evidence-based research to enhance and expand the role of respiratory therapists.Topics will be presented through a translational medicine lens to bridge the gap between theory and practice. **NOTE**: Course

submitted as a new MSRC addition. Completed College Curriculum Committee Review (10/14/2022). Completed University Curriculum Committee Review (01/27/2023).

RC 5311 Advanced Mechanical Ventilation Practice (ONLINE). This course is an exploration of advanced mechanical ventilation in the acute care setting. This course will consist of in-depth reviewof current and emerging mechanical ventilation strategy and protocol. Mechanical ventilation content will be focused on invasive andnon-invasive support mechanisms with a goal of bridging theory and practice. Evidence-based research, patient case studies, andvideo waveform analysis will be used to reinforce learning. **NOTE**: Course submitted as a new MSRC addition. Completed College Curriculum Committee Review (10/14/2022). Completed University Curriculum Committee Review (01/27/2023).

RC 5316 Respiratory Care Curriculum Development (ONLINE). This course prepares the respiratory therapist for a role as an educator in an academic and industry setting. The course focuseson building foundational knowledge of respiratory care curriculum and instruction. Topics include adult learning theory, writingobjectives, online and in-person instruction, exam preparation, item analysis, and providing feedback. National organizationcurriculum recommendations will be integrated into the course content. **NOTE**: Course submitted as a new MSRC addition. Completed College Curriculum Committee Review (10/14/2022). Completed University Curriculum Committee Review (01/27/2023).

RC 5302 Clinical Practice Guidelines and Respiratory Care Protocols (ONLINE). 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 5304 Cardiopulmonary Disease Patient Education (ONLINE). A comprehensive study of patient education and self-management of cardiopulmonary disease exacerbations including disease information, prevention, and treatment. Programs for patient self-assessment, treatment efficiency, adjustment of drug regimen, behavior modification, and nicotine addiction will be examined. Methods for documenting outcomes and patient behavior modification will be covered.

RC 5214 Sleep Staging and Diagnostics (ONLINE). Introduction to the staging of sleep for adults, children and infants will be covered. EEG, EOG, EMG, respiratory event, movement events, arousals and cardiac events will be reviewed. Intensive study of the AASM Scoring Manual will guide all aspects of the course. Course design and production with Instructional Technologies occurred in 2017. Field test during the Spring 2018 semester.

RC 5215 Clinical Polysomnography-Sleep Staging (ONLINE). Advanced clinical education in sleep staging rules, light, delta and REM sleep scoring and analysis in a sleep lab. EEG,

EMG, ECG and respiratory events will be discussed in depth along with components of the polysomnogram report. This course was revamped to be delivered online for the Polysomnography specialty track for the Master of Science in Respiratory Care (MSRC). Course design with Instructional Technologies occurred in 2017. Production during spring 2018 and field test during the summer 2018.

RC5308 Advanced Therapeutics and Diagnostics (ONLINE). An overview of advanced cardiopulmonary diagnostic and therapeutic procedures addressing selected disorders including asthma, chronic obstructive lung diseases, restrictive lung diseases, pulmonary edema, congestive heart failure, and cardiac disorders. International disease standards and classifications established by the World Health Organization with appropriate treatment protocols will be discussed. This course was developed for the Master of Science in Respiratory Care (MSRC). Course design with Instructional Technologies occurred in spring 2018, production in summer 2018 and field test in fall 2018.

RC5310 Fundamentals of Sleep Medicine (ONLINE). 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. This course was revamped to be delivered online for the Polysomnography specialty track for the Master of Science in Respiratory Care (MSRC). Course design and production with Instructional Technologies occurred in 2017. Field test during the Spring 2018 semester.

RC 5313 Polysomnography Therapeutic Intervention (ONLINE). 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 titration algorithms, nocturnal seizure disorder studies, REM behavior disorder studies, MSLT's and MWT's. This course was revamped to be delivered online for the Polysomnography specialty track for the Master of Science in Respiratory Care (MSRC). Course design and production with Instructional Technologies occurred in 2017. Field test during the Spring 2018 semester.

RC 5215 Clinical Polysomnography-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 are components of the polysomnogram report. A research project and presentation will be assigned by the faculty.

RC 5310 Fundamentals of Polysomnography. This course was designed to explain the fundaments of polysomnography and polysomnography testing. Exploration of sleep staging and event scoring per the AASM guidelines are covered.

RC 5312 Clinical Polysomnography-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. A research project and presentation are assigned.

RC 5313 Polysomnography Therapeutic Intervention. This course was designed to review the therapeutic modalities and procedures for diagnostic and treatment polysomnography. Lectures were prepared in assistance with the assigned faculty Lynda Harkins.

RC 4333 Neonatal Critical Care This course will provide the Respiratory Care student with advanced knowledge on the management of the neonatal patient in the critical care environment. The course will expose the student to advanced therapeutics and mechanical ventilation strategies. Course content will prepare the student for the role of neonatal specialist. Course part of the BSRC-Online curriculum.

RC 4322 Respiratory Care Seminar. Assisted in the development and teaching. Respiratory care students, working in a small group, engage in intense research of an assigned patient case study. The output of this research will take the form of a major paper and presentation to an audience of fellow respiratory care students and a pulmonary physician. The course is designed to allow dialogue between the student presenters, the pulmonary physician and other respiratory care students.

RC 4320 Contemporary Issues in Cardiopulmonary Care/Advanced Cardiac Life Support/Polysomnography. Students participate in managing cardiac arrest and life-threatening arrhythmia scenarios and receive instruction on sleep disorders and sleep study procedures.

RC 4316 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 units.

RC 4309 Pulmonary Diagnostics An overview of cardiopulmonary diagnostic procedures addressing selected disorders including asthma, chronic obstructive lung diseases, restrictive lung diseases, pulmonary edema, congestive heart failure, and cardiac disorders. Course part of the BSRC-Online curriculum.

RC 4225 Specialization Internship. This course is intended to build skills in a sub-specialty area. Respiratory care students spend 160 hours orienting and working in an area of their choice pending departmental approval. Options include: Management, Education/Research, Home care, Sub-acute care, Pulmonary Rehabilitation, Adult intensive care, Pediatric intensive care, Neonatal intensive care, Polysomnography.

RC 4223 ICU Internship. Advanced clinical education in the intensive care setting in which the student monitors and administers critical care therapeutics on assigned patients in the adult intensive care setting. Physician input and pulmonary rounds assist the student in theory and application of care for the critically ill patient.

RC 4212 Critical Care Clinical Simulation. This course prepares the respiratory care students to successfully navigate multiple clinical simulation patient cases. Clinical simulations covered reflect real-life patient scenarios and mirror the content found on national board

exams. Students receive focused attention on board exam review (written and clinical simulation) and evidence-based care.

RC 3334 Neonatal Respiratory Care. This class was developed to familiarize students with the proper care of the neonatal and pediatric patient population. Course curriculum was designed to prepare students for success on the Neonatal/Pediatric Specialty Exam.

RC 3333 Respiratory Care Practice III. A supervised clinical education experience in which the student organizes and administers advanced respiratory therapeutics on assigned patients in adult critical care. Procedures include arterial blood gas procurement and measurement, bedside physiologic monitoring, airway care, as well as setup, monitoring and maintenance of mechanical ventilators.

RC 3323 Respiratory Care Practice II. Student gains skill in clinical procedures, interaction with patients and professional personnel as he/she administers respiratory therapy under supervision in a health care setting. The student will become familiar with various RC aspects of patient care as presented in medical/surgical/trauma situations.

RC 3313 Clinical Practice I. Introduction to clinical skills, including vital signs, chest assessment, infection control, aerosolized medication delivery, oxygen therapy, hyperinflation therapy, airway clearance, etc. This course prepares the student for direct patient care to be performed in more advanced courses. All procedures are performed under close supervision.

E. Funded External Teaching Grants and Contracts:

Russian, C. J. (PI). Inclusion of the High Frequency Chest Wall Oscillation (HFCWO) teaching in Respiratory Care curriculum. *Advanced Respiratory Educational Grant*. The Department received a High Frequency Chest Wall Oscillation Airway Clearance System, vests for all patient populations, and the PI attended a weekend training course on airway clearance. Spring 2002. Awarded amount: $20000.00.

Russian, C. J. Inclusion of the High Frequency Chest Wall Oscillation (HFCWO) teaching in Respiratory Care curriculum. *Advanced Respiratory Inc./Hill-Rom Educational Grant*. The Department received a High Frequency Chest Wall Oscillation Airway Clearance System Model 205, vests for all patient populations, updated information on The Vest Airway Clearance System, educational DVDs. June 4, 2009. Estimated value of grant materials: $20000.00.

F. Submitted, but not Funded, External Teaching Grants and Contracts:
None

G. Funded Internal Teaching Grants and Contracts:
Gonzales J. G. (PI) and Russian C. J. (Co-PI) (2011-2012). The use of clinical simulation videos to enhance simulation practice. This project was designed to improve the respiratory care

student's simulation activity and understanding. Library Research Grant. Proposal #:03-315-161. **(Funded amount: $1,169.00).**

Gonzales, J. G. (PI) & Russian, C. J. (Co-PI) (2008-2009). Improvement of critical thinking skills of respiratory care students. We request money to purchase study guides for the National Board for Respiratory Care CRT and RRT exams. Library Research Grant. (**Funded amount: $2535.00**).

Russian, C. J. (PI). Upgrade for the Specialty Lab Computer Resources in the Department of Respiratory Care. This proposal will allow for necessary upgrades in computer equipment in the Specialty Care Lab and will pave the way for new computer software integral to student learning and success. *Academic Computing Committee.* Submitted fall 2006, Accepted March 2007. (**Funded amount $8,514.00**).

Russian, C. J. (PI). Clinical Simulation Software to Increase Critical Thinking Among Respiratory Care Students. *Library Research Grant.* Submitted. This proposal will utilize clinical simulation software in the Neonatal/Pediatric course to assist in the developmental of critical thinking skills. Submitted Fall 2006, Accepted January 2007. (**Funded amount $767.88**).

Russian, C. J. (PI). Development of Critical Thinking and Clinical Simulation Exercises for Respiratory Care Students enrolled in Intensive Care Unit Courses. *Instructional Technology Program.* Submitted April 21, 2006. (No dollar amount awarded. Instructional Technology offered technical assistance from staff to review and assist with creation of simulation exercises describe in the grant proposal.)

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

Gonzales, J. F. (PI), & Russian, C. J. (Co-PI) (2011-2012). Journal back-file request. This grant was written to obtain journal volumes and editions not available in Alkek holdings. Library Resource Grant. Proposal #:03-357-483. (Amount requested: $36,470.00).

Russian, C. J. (PI). Upgrade for the Specialty Lab Computer Resources in the Department of Respiratory Care. *Student Computing Resources* through the *Academic Computing Committee*. Submitted January 2006.

I. Other:

NIOSH-Approved Spirometry Training (Course #131). Collins, K.C.-Program Director. Russian, C.J.-Instructor. Inaugural course in 2023. Courses are offered four times a year. The NIOSH-approved spirometry training course is conducted over two days in the Respiratory Care department on the Texas State Round Rock campus. The 16 hour curriculum consists of lecture and practicum exercises to aid the individual in the proper performance of spirometry testing. Occupational health nurses, respiratory therapists, physicians, safety professionals, health technicians, or other personnel involved in the performance and/or interpretation of spirometry.

Online Course Management and Communication Panel Presentation. Instructional Technologies Support. Friday, September 11, 2009. Alkek 118. Presenters: Sally Jones, Social Work and Alejandro Sorto, Mathematics. Topics included: effective communication, online community, student participation, feedback, and managing instructor and student workload.

Foundations of Online Course Design and Development. 2017, July 10-21). Instructional Technologies Support.

TeamSTEPPS 2.0 Fundamental Course. (2018, May 1). Course Completion. Director Chris McClanahan.

Survival Skills for Online Teaching Workshop. Instructional Technologies Support. Monday, August 17, 2009. Alkek 118. Presenter Patrick Smith, Instructional Designer. Topics included: the basics of teaching in the online environment, developing online lessons and assessments, facilitating online discussions, what to include in your syllabus, and tips for supporting your students in the online classroom.

Registered Polysomnographic Technologist (RPSGT), December 10, 2005. The RPSGT is internationally recognized and represents the highest credential for those who clinically assess patients with sleep disorders.

III. Scholarly/Creative

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

1. Books (if not refereed please indicate)

a. Scholarly Monographs:

None

b. Textbooks

None

c. Edited Books

None

d. Chapters in Books

Russian, C. J., & Sanders, B. (2012). Enhancement of Breathing and Pulmonary Function. In: W. D. Bandy & Sanders B. (Eds.), Therapeutic Exercise for Physical Therapist Assistants: Techniques for Intervention (3rd Edition). New York: Lippincott, Williams, & Wilkins.

Russian, C. J., & Sanders, B. (2008). Enhancement of Breathing and Pulmonary Function. In: W. D. Bandy & Sanders B. (Eds.), Therapeutic Exercise for Physical Therapist Assistants: Techniques for Intervention (2nd Edition) (pp. 294-316). New York: Lippincott, Williams, & Wilkins.

e. Creative Books

None

2. Articles

a. Refereed Journal Articles

Russell, E. N., Russian, C. J., & Collins, K. P. (2026, in press). The Long-Term Effects of COVID-19 on Pulmonary Function. Internet Journal of Allied Health Sciences and Practice.
Note: This was an MSRC student and faculty collaboration. The manuscript is slated for the September issue of the journal.

Russian, C. J., Dunlevy, C. L., Waugh, J. B., Marshall, S. G., & Gutierrez, C. J. (2026). Critical thinking of near and recent graduates of associate and baccalaureate respiratory therapy degree programs. *Respiratory Care Reports, 2*. https://doi.org/10.1177/30682576261452032

Russian, C., & Armstead, S. (2025). Response to "Letter to the Editor: The importance of quantifying training loads and applying exercise principles in respiratory muscle training studies". *Canadian journal of respiratory therapy : CJRT = Revue canadienne de la therapie respiratoire : RCTR*, *61*, 296–298. https://doi.org/10.29390/001c.151220
Note: This was an invited editorial response to our full manuscript published in the same volume. PMID: 41383713

Russian, C., Armstead, S., Rosenthal, E., & Shapiro, M. (2025). Impact of respiratory muscle training on muscle strength, pulmonary function, symptoms, and quality of life in COPD. *Canadian journal of respiratory therapy : CJRT = Revue canadienne de la therapie respiratoire : RCTR*, *61*, 262–271. https://doi.org/10.29390/001c.146372
PMID: 41200708

Russian, C.J. & Gonzales, J.F. (2025 Winter). Surfactant Combined With Budesonide: A Review of the Evidence. *Neonatal INTENSIVE CARE. The Journal of Perinatology-Neonatology, 38*(1), 8-11. No doi established for this periodical. https://nicmag.ca/pdf/NIC-38-1-Winter-2025-R28-web.pdf
Note: This review article provides critical insights into the combined administration of budesonide and surfactant for newborns—a practice not yet widespread in the U.S. By synthesizing current evidence, it serves as a valuable resource for neonatal teams considering this approach to improve respiratory outcomes in preterm infants.

Headrick, D., & Russian, C.J. (2023 Winter). Congenital Central Hypoventilation Syndrome in the Neonate: A Historical Literature Review and Recommendations. Neonatal INTENSIVE CARE. The Journal of Perinatology-Neonatology, 36(1), 35-39. No doi established. Available at: https://nicmag.ca/pdf/NIC-36-1-Winter-2023-R19-web.pdf
Note: This is an MSRC student and faculty collaborative project.

Collins, K. P., Russian, C. J., Gardner, D. D., & Collins, M. (2023). A Learning Needs Assessment in Participants with Chronic Obstructive Pulmonary Disease. *Journal of Allied Health, 52* (1):e23-e29. No doi established. Available at: https://pubmed.ncbi.nlm.nih.gov/36892864/

Lieneck, C. H., Wang, T., Gibbs, D. L., Russian, C. J., Ramamonjiarivelo, Z. H., & Ari, A. (2022). Interprofessional Education and Research in the Health Professions: A Systematic Review and Supplementary Topic Modeling. *Education Sciences, 12*(12). doi.org/10.3390/educsci12120850.

Collins, K. P., Russian, C. J., (2021). A Pilot Study of Respiratory Therapy Services on the College Campus in the United States. *Respiratory Care Education Annual, 30*, 33-37. No doi established for this periodical. Journal ISSN 2372-0735

Henry, N. R., Russian, C. J. Williams, M., & Pezzuto, A. M. (2021). Organ procurement organization and university-based respiratory care program partnership to develop student internships. *Canadian Journal of Respiratory Therapy, 57*, 39-43. doi: 10.29390/ cjrt-2020-055

Showalter, V., Russian, C. J., Gonzales, J. F., & Ari, A. (2021). Students' perceived self-efficacy, expectations, barriers and support in enrolling in a master's degree program in respiratory care. *Canadian Journal of Respiratory Therapy, 57*, 154-159. doi: 10.29390/cjrt-2021-020
Note: This is an MSRC student and faculty collaborative project.

Rodrigues, N. A., Farmer, T. A., Morley, R. H., Chacon, I. D., Hudgins, A. M., Russian, C. J., ... Dekowski, S. A. (2021). Rest and Readiness in Unit-Based Specialty Care Perinatal Transport Team Clinicians: A Pilot Study. *Neonatal Intensive Care, 34*(3), 20-24. No doi established.

Caruana, L. B., Redwine, G. D., Rohde, R. E., Russian, C. J. (2019). A prospective study of patients diagnosed with sarcoidosis: factors – environmental exposure, health assessment, and genetic outlooks. *Sarcoidosis Vasculitis And Diffuse Lung Diseases, 36*(3), 228-242. doi: 10.36141/svdld.v36i3.7112
https://www.mattioli1885journals.com/index.php/sarcoidosis/article/view/7112/8163

Rodrigues, N., Smith, K. S., Selber, K., Russian, C. J. (2019). Identifying Sleep as a Health Need in Student Veterans. *EC Pulmonology and Respiratory Medicine, 8*(7), 531-546. No doi established for this periodical. Available at:

https://ecronicon.net/assets/ecprm/pdf/ECPRM-08-00414.pdf Article Archive at: https://ecronicon.net/ecprm_Archive

Gonzales, J. F., Collins, K. C., & Russian C. J. (2017 Jan 19). A Narrative Summary of High Flow Nasal Cannula Therapy in the Adult Population. *The Internet Journal of Allied Health Sciences and Practice, 15*(1), Article 8. doi: 10.46743/1540-580X/2017.1626. Available at http://nsuworks.nova.edu/ijahsp/vol15/iss1/8

Collins, K. P., Russian, C. J., & Gonzales, J. F. (2016 Winter). Teaching Health Care Students the Radial Arterial Puncture Procedure. *Journal of Allied Health, 45*(4), 283-288. PMID: 27915362. No doi established for this periodical. Available at: https://www.jstor.org/stable/48721951

Henry, N. R., Russian, C. J. and Nespral, J. (2016 June). Identifying potential ventilator auto-triggering among organ procurement organization referrals. *Progress in Transplantation, 26*(2), 129-134. doi: 10.1177/1526924816640649

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

Russian, C. J., Gonzales, J. F., Schelde, H., Terry, L. A., Albanna, S., & Adams, R. (2016 Winter). A comparison of nebulizer brand on delivered tidal volumes and peak inspiratory pressure during high frequency oscillatory ventilation. *Neonatal Intensive Care: The Journal of Perinatology-Neonatology, 29*(1), 49-51. No doi established for this periodical. Available at http://www.nicmag.ca/pdf/NIC-29-1-Winter-2016-R27-web.pdf

Russian, C. J. (2015 November 3). Respiratory Muscle Training in COPD. ECronicon Pulmonology and Respiratory Medicine, 1(1), 1-2. Manuscript ID: ECPRM-15-ED-001. Open Access with international exposure. **Invited Editorial**. Publication fee waived. No doi established. Available at: https://www.ecronicon.com/ecprm/pdf/ECPRM-01-00001.pdf Article archive at: https://ecronicon.net/ecprm_Archive

Russian, C. J., Gonzales, J. F., & Henry, N. R. (2014). Suction Catheter Size: An Assessment and Comparison of 3 Different Calculation Methods. *Respiratory Care, 59*(1), 32–38. doi: 10.4187/respcare.02168

Gonzales, J. F., Russian, C. J., Marshall, S. G., Collins, K.P., & Farmer, T. (2013). Comparing the effects of rise time and inspiratory cycling criteria between four different mechanical ventilators. *Respiratory Care, 58*(3), 465-473. doi: 10.4187/respcare.01345

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Litchke, L. G., Hodges, J.S., Schmidt, E. A., Lloyd, L.K., Payne, E., & Russian, C. J. (2012). Personal Meaning of Wheelchair Rugby Participation by Five Male Athletes. *Therapeutic Recreation Journal, 46*(1), 26-41. No doi established for this periodical. https://js.sagamorepub.com/index.php/trj/article/view/2547

Jackson, M. E., Verano, J. X., Fry, J. E., Rodriguez, A. P., & Russian, C. J. (2012 February) Skin Preparation Process for the Prevention of Skin Breakdown in Patients Who are Intubated and Treated with Rotoproning: Teaching Case. *Respiratory Care, 57*(2), 311-314. doi: 10.4187/respcare.01235.

Gonzales, J. F., Marshall, S. G., & Russian, C. J. (2011 July). The relationship between the Mallampati Scoring System, the Berlin Questionnaire, and the Epworth Sleepiness Scale. *Internet Journal of Allied Health, 9*(3). No doi established for this periodical. Available at http://ijahsp.nova.edu/articles/Vol9Num3/Gonzales.htm

Russian, C. J., Litchke, L. G., & Hudson, J. D. (2011 March). Concurrent Respiratory Resistance Training and Changes in Respiratory Muscle Strength and Sleep in an individual with Spinal Cord Injury: Case Report. *Journal of Spinal Cord Medicine, 34*(2), 251-254. doi: 10.1179/107902611X12972448729602

Litchke, L. G., Lloyd, L. K., Schmidt, E. A., Russian, C. J., & Reardon, R. (2011). Comparison of two concurrent respiratory devices on pulmonary function and time trial performance of wheel chair athletes (***corrected and reprinted from previous issue***). *Therapeutic Recreation Journal, 45*(2), 147-159.

Stokes, T. J., Marshall, S. G., & Russian, C. J. (2010). Attitudes toward death anxiety and dying among respiratory care students: A pilot study. *Respiratory Care Education Annual, 19*, 43-55.

Gonzales, J. F., Marshall, S. G., Russian, C. J., & Stokes, T. J. (2010). Critical thinking skills and preferred learning styles of respiratory care students. *Respiratory Care Education Annual, 19*, 57-62.

Litchke, L. G., Russian, C. J., Lloyd, L. K., & Schmidt, E. A. (2010). Review of respiratory resistance training in persons with tetraplegia. *US Respiratory Disease, 5*(1), 75-80. Available at http://www.touchbriefings.com/ebooks/A1nep3/usresp51/resources/index.htm?referrerUrl=http%3A%2F%2Fwww.touchbriefings.com%2Febooks%2F.
Note: U.S. Respiratory Disease (ISSN: 1753-4003) was a peer-reviewed medical journal published by Touch Medical Media. The publisher subsequently restructured its clinical portfolio. Today, active respiratory review articles, expert interviews, and case insights

are consolidated under their digital platform and multimedia hub known as touchRESPIRATORY.

Litchke, L. G., Lloyd, L.K., Schmidt, E. A., Russian, C. J., & Reardon, R. (2010). Comparison of two concurrent respiratory devices on pulmonary function and time trial performance of wheel chair athletes. *Therapeutic Recreation Journal*, *44*(1), 51-62.

Speight, E., Russian, C. J., Ross-Gordon, J. M., & Muñoz, L. (2008). Hispanic Adults at a Southwestern University: Reasons They Come, Reasons They Stay. The *Journal of Continuing Higher Education*, 56(3), 26-37.

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

Litchke, L. G., Russian, C. J., Lloyd, L. K., Schmidt, E. A., Price, L., & Walker, J. L. (2007). The effects of respiratory resistance training with a concurrent flow device on wheelchair athletes. *The Journal of Spinal Cord Medicine*, *31*(1), 7-13.

Russian, C. J. (2005). Preferred Learning Styles for Respiratory Care Students at Texas State University. *Internet Journal of Allied Health Sciences and Practice*, 3(4). Retrieved from: http://ijahsp.nova.edu/articles/vol3num4/russian.pdf

b. Non-refereed Articles:

Russian, C., J. (2025). Colleague Interview. Discussion with Jeff Ward. The Coalition Chronicle, 2(5),16-21.

Note: The Coalition Chronicle is a monthly periodical published by the American College of Respiratory Therapy Education (ACRTE) (formerly Coalition of Baccalaurate and Graduate Respiratory Therapy Education (COBGRTE)). This article details the interview discussion between an ACRTE member and RT colleague and Jeff Ward. The conversation is published as an article in the chronicle.

Russian, C. J., Arzu, A. (2023, May). The Value of Research and the MSRC Post-professional Degree: The Graduate Student's Perspective. The Coalition Chronicle, 13(5), 20-24.

Note: The Coalition Chronicle is a monthly periodical published by the Coalition of Baccalaurate and Graduate Respiratory Therapy Education (COBGRTE). This article details the rigor and expectations of the MSRC at Texas State from a graduates perspectives.

Russian, C. J. (2022, November). COBGRTE Round Table Discussion. The Coalition Chronicle, 11(11), 6-16. Available at: http://cobgrte.org/images/November_30,_2022.pdf

Note: The Coalition Chronicle is a monthly periodical published by the Coalition of Baccalaurate and Graduate Respiratory Therapy Education (COBGRTE). This article details the COBGRTE activities during the 2022 AARC International

Congress. I served as table captain and contributed a table summary to the Round Table Article. I was not the sole author for the article.

Russian, C. J. (2020 July). CoBGRTE Summer Town Hall and Panel Discussion. *The Coalition Chronicle, 9*(7), 16-21.

Note: The Coalition Chronicle is a monthly periodical published by the Coalition of Baccalaurate and Graduate Respiratory Therapy Education (COBGRTE). This article details the COBGRTE activities during the 2020 AARC Summer Forum.

Russian, C. J., Pedicone, M. (2019 November). CoBGRTE Round Table Dinner & Discussion at Crescent City Brewhouse. *The Coalition Chronicle, 8*(11), 13-19.

Note: The Coalition Chronicle is a monthly periodical published by the Coalition of Baccalaurate and Graduate Respiratory Therapy Education (COBGRTE). This article details the COBGRTE activities at the 2019 AARC International Congress.

Russian, C. J. (2019 August). CoBGRTE Round Table Discussion Dinner at Tarpon River Brewing and CoBGRTE Seminar at the Marriott Harbor Beach Resort and Spa. *The Coalition Chronicle, 8*(8), 14-19.

Note: The Coalition Chronicle is a monthly periodical published by the Coalition of Baccalaurate and Graduate Respiratory Therapy Education (COBGRTE). This article details the COBGRTE activities at the 2018 AARC International Congress.

Russian, C. J. & Pedicone, M. (2018 December). CoBGRTE Round Table Discussion Dinner at The Lazy Dog Restaurant & Bar. *The Coalition Chronicle, 7*(12), 25-27.

Note: The Coalition Chronicle is a monthly periodical published by the Coalition of Baccalaurate and Graduate Respiratory Therapy Education (COBGRTE). This article details the COBGRTE activities at the 2018 AARC International Congress.

Russian, C. J. (2018 July). CoBGRTE Round Table Discussion Dinner at BJ's Brewhouse and Restaurant. *The Coalition Chronicle, 7*(7), 22-25.

Note: The Coalition Chronicle is a monthly periodical published by the Coalition of Baccalaurate and Graduate Respiratory Therapy Education (COBGRTE). This article details the COBGRTE activities at the 2018 AARC Summer Forum.

Russian, C. J., Gonzales, J. F., Schelde, H., Terry, L. A., Albanna, S., & Adams, R. (2016 Winter). A comparison of nebulizer brand on delivered tidal volumes and peak inspiratory pressure during high frequency oscillatory ventilation. *Respiratory Therapy: The Journal of Pulmonary Technique, 11*(1), 22-25. Available at http://www.respiratorytherapy.ca/pdf/RT-11-1-Winter-2016-R15-web.pdf

Russian, C. J. (2015 December 17). The muscles you never think about – until they stop working. *Elsevier Connect*. Available at https://www.elsevier.com/connect/the-muscles-you-never-think-about-until-they-stop-working

Russian, C. J. (2015 October). Medical mission trip for respiratory care faculty. *TSRC News: Quarterly Journal of the Texas Society for Respiratory Care, 15*(4), 12.

Russian, C. J. & Gonzales, J. F. (2014 April-May). Assessment of endotracheal tube obstruction using a test lung simulator and sound wave technology. *Respiratory Therapy: The Journal of Pulmonary Technique*,*9*(2), 27-31. Available at http://respiratorytherapy.ca/pdf/RT-9-2-AM14-R11-WEB.pdf

Russian, C. J. & Marshall, S. M. (2013). Program Spotlight: Texas State University. Coalition for Baccalaureate and Graduate Respiratory Therapy Education, monthly publication. *Coalition Chronicle*, *2*(7). Available at http://www.cobgrte.org/home.html

Note: The Coalition Chronicle is a monthly periodical published by the Coalition of Bacclaurate and Graduate Respiratory Therapy Education (COBGRTE).

Gonzales, J. F., Russian, C. J., & Henry, N. R. (2012 January 12). A Review of Waveform Patterns for Mechanically Ventilated Patients: Constant Flow Versus Decelerating Flow Waveform Patterns. *Respiratory Therapy Magazine*, 10-13. Available at http://www.rtmagazine.com/2012/01/a-review-of-waveform-patterns-for-mechanically-ventilated-patients-constant-flow-versus-decelerating-flow-waveform-patterns/

Henry, N. R., Gonzales, J. F., Russian, C. J. (2012 January 12). A Review of Inhaled Nitric Oxide in the Hypoxic Newborn. *Respiratory Therapy Magazine*, 6-9. Available at http://www.rtmagazine.com/2012/01/a-review-of-inhaled-nitric-oxide-in-the-hypoxic-newborn/

Gonzales, J. F., & Russian, C. J. (2011, August). Expiratory Asynchrony and Inspiratory Cycling Criteria. *Respiratory Therapy Magazine*, 8-13. Available at http://www.rtmagazine.com/2011/08/expiratory-asynchrony-and-inspiratory-cycling-criteria/

Gonzales, J. F. & Russian, C. J. (2011 January-March). Clarifying rise time and inspiratory cycling criteria settings. *Respiratory Therapy: The Journal of Pulmonary Technique*, *6*(1), 34-35. Available at: http://www.rtmagazine.com/

3. Conference Proceedings

a. Refereed Conference Proceedings

None

b. Non-refereed Conference Proceedings

None

4. Abstracts

Henry, N. R., Morrison, R., Ahle, D., Russian, C. J., Harford, P. (2025). Respiratory Mechanics of Neurologically Deceased Organ Donors: A Pilot Study, 168(4), Supp, pp A7173-A7174. doi.org/10.1016/j.chest.2025.07.4027

Abstract and Post Presentation at the American College of Chest Physicians 2025 CHEST Conference, Chicago, IL, United States. (October 22, 2025).

Collins, K. P., & Collins, C. J. (2025). Pilot Study of Participants with COPD: A Learning Needs Assessment. *Journal of Cardiopulmonary Rehabilitation and Prevention*, 45(5), pp E35-E52. Doi: 10.1097/HCR.0000000000001000.
Abstract and Poster presentation at the American Association for Cadiovascular and Pulmoanry Rehabilitation 40th Annual Meeting and Scientific Convention. Available at: https://journals.lww.com/jcrjournal/fulltext/2025/09000/aacvpr_40th_annual_meeting_scientific_abstract.12.aspx

Rosenthal, E., Russian, C. J., Armstead, S. V., Shapiro, M. (2023). The Impact Of Combined Inspiratory And Expiratory Respiratory Muscle Strength Training On Pulmonary Function, Symptoms, and Quality Of Life In Copd Patients. *CHEST*, *164*(4 Supplement), Page A4932. doi.org/10.1016/j.chest.2023.07.3197.
http://dx.doi.org/10.1016/j.chest.2023.07.3197

Russian, C. J., & Gonzales, J. F. (2023). Comparison of a Peristaltic Suction Pump to Wall Suction Regulator as an Airway Clearance Device. *Respiratory Care*, 68(Suppl 10). doi.org/10.4187/respcare.20233950950.
https://rc.rcjournal.com/content/68/Suppl_10/3950950

Collins, K. P., & Russian, C. J. (2023). Attitudes of Respiratory Therapy Students Toward Legalization of Physician-Assisted Suicide. *Respiratory Care*, 68(Suppl 10). doi.org/10.4187/respcare.20233950920.
https://rc.rcjournal.com/content/68/Suppl_10/3950920

Gonzales, J. F., Hudgins, A. M., Myers, D. L., Tufano, V. E., Russian, C. J., & Trad, M.L. (2023). An Examination of a Student's Academic GRIT and Mental WellnessThroughout the Advancement of a Health Care Based Program. *Respiratory Care*, 68(Suppl 10). doi.org/10.4187/respcare.20233951302.
https://rc.rcjournal.com/content/68/Suppl_10/3951302

Hudgins, A. M., Gonzales, J. F., Myers, D. L., Tufano, V. E., Russian, C. J., & Trad, M.L. (2023). An Examination of Academic GRIT and Personality Traits of NewlyAdmitted Respiratory Care Students. *Respiratory Care*, 68(Suppl 10). doi.org/10.4187/respcare.20233951376.
https://rc.rcjournal.com/content/68/Suppl_10/3951376

Collins, K. P. & Russian, C. J. (2022). Pilot Study of Participants with COPD: A Learning Needs Assessment. *Respiratory Care*, 67 (Suppl 10). doi.org/10.4187/respcare.20223775135.
https://rc.rcjournal.com/content/67/Suppl_10/3775135

Showalter, V., Russian, C. J., Gonzales, J. F., Ari, A. (2020). Students' perceived self-efficacy, expectations, barriers, and support in enrolling a master's degree program in respiratory care. *Respiratory Care*, 65(suppl 10). doi.org/10.4187/respcare.20203441077.

http://rc.rcjournal.com/content/65/Suppl_10/3441077
This project was conducted by MSRC student V. Showalter as part of his research coursework.

Russian, C. J., Gonzales, J. F., Wharton, B. J., Corbitt, J., Barnes, M., Calderon, J., & Bowens, K. (2016 October). Difference in sleep parameters based on the recommended and alternative electrode placements according to the AASM scoring manual. 62nd Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 61(10), OF38, #2532118. **Refereed Abstract.**

Russian, C. J., Collins, K. P., Gonzales, J. F., Flores, C., Moffitt, M., Holder, T., & Risner, B. (2016 October). A comparison of respiratory muscle strength measurements when using the medgraphics, pressure manometer and microrpm. 62nd Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 61(10), OF52, #2532109. **Refereed Abstract.**

Russian, C. J., Armstead, S. V., Gonzales, J. F., Collins, K. P., Alejandre, M., D'Abadie, D., Kowalski, M., & Ledezma, M. (2016 October). An assessment of the clinical learning environment from respiratory care students during internship rotations: a pilot study. 62nd Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 61(10), OF49, #2532092. **Refereed Abstract.**

Collins, K. P., Gonzales, J. F., Russian, C. J. (2016 October). Variability in distal end-expiratory pressure and distal flow rates in three different high-flow nasal cannula systems. 62nd Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 61(10), OF49, #2531884. **Refereed Abstract.**

Henry, N. R., Russian, C. J., Nespral, J. (2014). Identifying potential ventilator auto-triggering among organ procurement organization referrals. 60th Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 59(10), OF13, #2019587. **Refereed Abstract.**

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. 60th Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 59(10), OF27, #2020035. **Refereed Abstract.**

Marshall, S. G., Henry, N. R., Russian, C. J. (2014). The effects of nasal cycling on inspired fio2 by nasal cannula in an adult model. 60th Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 59(10), OF28, #2023002. **Refereed Abstract.**

Russian, C. J. & Gonzales, J. F. (2012) A Comparison of Oxygen Mask F_IO_2 Concentrations Using a Range of Tidal Volumes and Inspiratory Flowrates. 58th Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 57(10), 1750. **Refereed Abstract.**

Russian, C. J. & Gonzales, J. F. (2012) The Assessment of Cuff Pressure Measurements Utilizing Three Clinical Techniques. 58th Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 57(10), 1714. **Refereed Abstract.**

Russian, C. J. & Gonzales, J. F. (2012). Medication Compatibility: Implications for Combination Therapy. 58th Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 57(10), 1703. **Refereed Abstract.**

Russian, C. J., Gonzales, J. F., Martinez, A., Collins, K.P. (2011 October). Evaluating an alternative assessment of suction catheter size compared to the airway diameter. 57th Annual American Association for Respiratory Care (AARC) International Congress Open Forum Abstract. *Respiratory Care*, 56(10), A1660. **Poster Presentation and Abstract Publication. Refereed.**

Gonzales, J. F., Russian, C. J., Marshall, S. G., Farmer, T. (2011 May 15). Comparing the effects of rise time and inspiratory cycling criteria between four different mechanical ventilators. *American Journal of Respiratory and Critical Care Medicine,* 183, A1704. **Poster Presentation and Abstract Publication. Refereed.**

Gonzales, J. F., Marshall, S. G., Russian, C. J., & Wharton, B. W. (2009). The relationship between the Mallampati Scoring System, the Berlin Questionnaire, and the Epworth Sleepiness Scale. *Respiratory Care*, 54(11), A1564. **Poster Presentation and Abstract Publication. Refereed.**

Stokes, T. J., Marshall, S. G., & Russian, C. J. (2009). Attitudes towards death Anxiety and Dying among Respiratory Care students: A Pilot Study. *Respiratory Care*, 54(11), A1578. **Poster Presentation and Abstract Publication. Refereed.**

Gonzales, J. F., Marshall, S. G., Stokes, T. J., & Russian, C. J. (2008). Critical thinking skills and preferred learning styles of respiratory care students. *Respiratory Care*, 53(11), A1512. **Poster Presentation and Abstract Publication. Refereed.**

Litchke, L. G., Russian, C. J., Lloyd, L. K., & Walker, J. L. (2006). The Effects of Concurrent Respiratory Resistance Training on Wheelchair Athletes. *The Journal of Spinal Cord Medicine***,** 29(3), A312. **Poster Presentation and Abstract Publication. Refereed.**

5. Reports

None

6. Book Reviews

None

7. Essays:

None

8. Poems:

None

9. Short Stories:

None

10. Other Works in Print

a. Acknowledgement:

Gonzales, J. F., & Collins, K. P. (2011). The RPSGT vs. SDS: Addressing the formal credentials of sleep medicine. *Respiratory Care Education Annual*, 20, 35-44. **(peer-reviewed, national journal)**

Collins, K. P., Babbar, H., & Soubra, S. (2011). Dyspnea Associated with Dermatomyositis. *Respiratory Care Journal*. Advance online publication. doi: 10.4187/respcare.01126. **(peer-reviewed, international journal)**

Rohde, R. E. Denham, R., & Brannon, A. (2009). Methicillin Resistant Staphylococcus aureus: Nasal Carriage Rate and Characterization in a Texas University Setting. *Clinical Laboratory Science, 22*(3), 176-184. **(peer-reviewed, national journal)**

B. Works not in Print

1. Papers Presented At Professional Meetings

Rosenthal, E., Russian, C. J., Armstead, S. V., Shapiro, M. (2023). The Impact Of Combined Inspiratory And Expiratory Respiratory Muscle Strength Training On Pulmonary Function, Symptoms, and Quality Of Life In COPD Patients. *CHEST, 164*(4 Supplement), Page A4932. doi.org/10.1016/j.chest.2023.07.3197. http://dx.doi.org/10.1016/j.chest.2023.07.3197
This paper was presented at the American College of Chest Physicians CHEST conference 2023 as a poster prior to publication in a separate periodical. It was included in the supplemental edition as a abstract publication.

Russian, C. J. & Gonzales, J. G. Comparison of a Peristaltic Suction Pump to Wall Suction Regulator as an Airway Clearance Device. 69th Annual American Association for Respiratory Care International Congress Open Forum. Refereed Oral and Poster Presentation. Gaylord Hotel and Convention Center, Nashville, TN. (November 6, 2023). Dr. Russian presented the work at the event. **Refereed Oral and Poster Presentation**

Collins, K. P. & Russian, C. J. Attitudes of Respiratory Therapy Students Toward Legalization of Physician-Assisted Suicide. 69th Annual American Association for Respiratory Care International Congress Open Forum. **Refereed Oral and Poster Presentation**. Gaylord Hotel and Convention Center, Nashville, TN. (November 6, 2023). Dr. Collins presented the work at the event.

Gonzales, J. G., Hudgins, A. Myers, D., Tufano V., Russian, C. J., & Trad, M. An Examination of a Student's Academic GRIT and Mental Wellness Throughout the Advancement of a Health Care Based Program. 69th Annual American Association for Respiratory Care International Congress Open Forum. **Refereed Oral and Poster Presentation**. Gaylord Hotel and Convention Center, Nashville, TN. (November 6, 2023). Dr. Gonzales presented the work at the event.

Hudgins, A. Gonzales, J. G., Myers, D., Tufano V., Russian, C. J., & Trad, M. An Examination of Academic GRIT and Personality Traits of Newly Admitted Respiratory Care Students. 69th Annual American Association for Respiratory Care International Congress Open Forum. **Refereed Oral and Poster Presentation**. Gaylord Hotel and Convention Center, Nashville, TN. (November 6, 2023). Dr. Gonzales presented the topic at the Open Forum Event.

Collins, K. P. & Russian, C. J. (2022). Living With and Learning About Asthma on the College Campus. Asthma Education: Back on Track Again - Association of Asthma Educators, Chattanoonga, TN. (August 4, 2022).

Collins, K. P. & Russian, C. J. (2022). Pilot Study of Participants with COPD: A Learning Needs Assessment. 68th Annual American Association for Respiratory Care International Congress Open Forum. **Refereed Oral and Poster Presentation**. New Orleans Convention Center, New Orleans, LA. (November 10, 2022).

Rodrigues, N. A., Morley, R. H., Hudgins, A. M., Russian, C. J. (2021). Rest And Readiness In Unit Based SpecialtyCare Perinatal Transport Team Clinicians: A Pilot Study. **25th AnnualFaculty/Student Research Forum.** College of HealthProfessions, Texas State University. (April 16, 2021).

Rodrigues, N. A., Morley, R. H., Hudgins, A. M., Russian, C. J. (2021). Rest And Readiness In Unit Based Specialty CarePerinatal Transport Team Clinicians: A Pilot Study, **Health Scholars Symposium**, Translational Health, TexasState University. (April 15, 2021).

Henry, N. R., Russian, C. J., & Williams, M. (2018). OPO and University partnership to develop student organ recovery coordinator internship. *NATCO 43rd AnnualMeeting* in Indianapolis, IN. **International Peer-reviewed Oral Presentation.**

Caruana, L., Redwine, G. Russian, C., *Limmer, S. & Rohde, R.E. A Prospective Study of Patients Diagnosed with Sarcoidosis: Nutrition, Health Assessment and Environmental Exposures – Poster, Diseases in Nature Annual Conference, Houston, TX, May 24, 2018

***CLS Undergraduate Student (R. Rohde PI on grant project)**

Caruana, L., Redwine, G. Russian, C., *Limmer, S. & Rohde, R.E. (2017 August). A Prospective Study of Patients Diagnosed with Sarcoidosis: Nutrition, Health Assessment and Environmental Exposures – Poster, ASCLS Annual Conference, San Diego, CA August 3, 2017.

***CLS Undergraduate Student (R. Rohde PI on grant project)**

Russian, C. J., Gonzales, J. F., Wharton, B. J., Corbitt, J., Barnes, M., Calderon, J., & Bowens, K. (2016 October). Difference in Sleep Parameters Based On The Recommended And Alternative Electrode Placements According To The AASM Scoring Manual. 62nd Annual American Association for Respiratory Care International Congress Open Forum. OF38, #2532118. **Refereed Oral and Poster Presentation.**

Russian, C. J., Collins, K. P., Gonzales, J. F., Flores, C., Moffitt, M., Holder, T., & Risner, B. (2016 October). A Comparison Of Respiratory Muscle Strength Measurements When Using The Medgraphics, Pressure Manometer And Microrpm. 62nd Annual American Association for Respiratory Care International Congress Open Forum. OF52, #2532109. **Refereed Oral and Poster Presentation.**

Russian, C. J., Armstead, S. V., Gonzales, J. F., Collins, K. P., Alejandre, M., D'Abadie, D., Kowalski, M., & Ledezma, M. (2016 October). An Assessment Of The Clinical Learning Environment From Respiratory Care Students During Internship Rotations: A Pilot Study. 62nd Annual American Association for Respiratory Care International Congress Open Forum. OF49, #2532092. **Refereed Oral and Poster Presentation.**

Collins, K. P., Gonzales, J. F., & Russian, C. J. (2016 October). Variability In Distal End-Expiratory Pressure And Distal Flow Rates In Three Different High-Flow Nasal Cannula Systems. 62nd Annual American Association for Respiratory Care International Congress Open Forum. OF49, #2531884. **Refereed Oral and Poster Presentation.**

Henry, N. R., Russian, C. J., & Nespral, J. (2014). Identifying Potential Ventilator Auto-Triggering Among Organ Procurement Organization Referrals. American Association for Respiratory Care 60th International Congress Open Forum. **Refereed Oral and Poster Presentation.**

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. American Association for Respiratory Care 60th International Congress Open Forum. **Refereed Oral and Poster Presentation.**

Marshall, S. G., Henry, N. R., & Russian, C. J. (2014). The Effects Of Nasal Cycling On Inspired FiO2 By Nasal Cannula In An Adult Model. American Association for Respiratory Care 60th International Congress Open Forum. **Refereed Oral and Poster Presentation.**

Jackson, M. E., Rodriguez, A. P., Dostal, J., Russian, C. J., Paquette, K., & Smith, B. (2013, April 30-May 1). Intra-Hospital Transport of Intubated Closed Head Injury and Stroke Patients. Texas Center for Quality & Patient Safety: Partnerships for Patients Annual Conference. **Oral and Poster/Storyboard Presentation**.

Jackson, M. E., Verano, J. X., Fry, J. E., Rodriguez, A. P., & Russian, C. J. (2013, April 30-May 1). Skin Preparation Process For The Prevention Of Skin Breakdown In Patients Who Are Intubated And Treated With Rotoprone Therapy. Texas Center for Quality & Patient Safety: Partnerships for Patients Annual Conference. **Oral and Poster/Storyboard Presentation**.

Russian, C. J., & Gonzales, J. F. (2012, November 10-11). A Comparison of F_IO_2 Concentrations Using a Range of Tidal Volumes and Inspiratory Flowrates. American Association for Respiratory Care, 58th Annual International Congress. New Orleans, LA. **Oral and Poster Presentation of Research.**

Russian, C. J., & Gonzales, J. F. (2012, November 10-11). The Assessment of Cuff Pressure Measurements Utilizing Three Clinical Techniques. American Association for Respiratory Care, 58th Annual International Congress. New Orleans, LA. **Oral and Poster Presentation of Research.**

Russian, C. J., & Gonzales, J. F. (2012, November 10-11). Medication Compatibility: Implications for Inhalation Therapy. American Association for Respiratory Care, 58th Annual International Congress. New Orleans, LA. **Oral and Poster Presentation of Research.**

Gonzales, J. F., Russian, C. J., Marshal, S. M., & Collins, K. P. (2012, April 13). Comparing the Effects of Inspiratory Cycling Criteria Between Four Different Mechanical Ventilators. **Texas Society for Respiratory Care.** Collin College, Plano, TX. **Oral Presentation. Peer-reviewed. State-level conference.**

Russian C. J., Gonzales, J. F., Martinez A. & Collins, K. P. (2011, November 5-7). Evaluating an Alternative Assessment of Suction Catheter Size Compared to the Airway Diameter. American Association for Respiratory Care, 57th Annual International Congress. Tampa Bay, Fl. **Oral and Poster Presentation of Research.**

Russian C. J., Gonzales, J. F., Martinez A., & Collins, K. P. (2011 September 15-16). Evaluating an Alternative Assessment of Suction Catheter Size Compared to the Airway Diameter. Texas Society of Allied Health Professions. Dallas, TX. **Oral and Poster Presentation of Research.**

Gonzales, J. F., Russian, C. J., Collins, K.P., & Farmer, T. (2011, September 15-16). Comparing the Effects of Rise Time and Inspiratory Cycling Criteria Between Four Different Mechanical Ventilators. Texas Society of Allied Health Professions: 34th Annual Conference. Dallas, TX. **Oral Presentation. Peer-reviewed. State-level conference.**

Gonzales, J. F., Russian, C. J., Marshall, S. G., Farmer, T. (2011, May 15). Comparing The Effects Of Rise Time And Inspiratory Cycling Criteria Between Four Different Mechanical Ventilators. American Thoracic Society International Conference, Denver, CO. **Oral Presentation. Conference Proceedings CD of Abstracts sent out to all Conference Attendees.**

Gonzales, J. F., Marshall, S. G., & Russian, C. J. (2009, December 6). The Relationship Between the Mallampati Scoring System and the Berlin and Epworth Scoring Systems. American Association for Respiratory Care, 55th Annual International Congress, San Antonio, TX. **Oral and Poster Presentation of Research.**

Gonzales, J. F., Marshall, S. G., & Russian, C. J. (2009, April 24). The Relationship Between the Mallampati Scoring System and the Berlin and Epworth Scoring Systems. College of Health Professions, 13th Annual Faculty Research Forum. Texas State University. **Peer-Reviewed, Local-Level forum.**

Gonzales, J. F., Marshall, S. G., Stokes, T. J., & Russian, C. J. (2008, December 13). Critical Thinking Skills and Preferred Learning Styles of Respiratory Care Students. American Association for Respiratory Care, 54th Annual International Congress, Anaheim, CA. **Oral and Poster Presentation of Research.**

Gonzales, J. F., Marshall, S. G., Stokes, T. J., & Russian, C. J. (2008, September 26). Critical Thinking Skills and Preferred Learning Styles of Respiratory Care Students. Texas Society of Allied Health Professions, El Paso, TX. **Oral Presentation. State-Level Conference.**

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

Stokes, T. J., Marshall, S. G., & Russian, C. J. (2008). Attitudes Towards Death Anxiety and Dying among Respiratory Care Students: A Pilot Study. Texas Society of Allied Health Professions: 31st Conference and Annual Meeting. El Paso, Texas. **Peer-Reviewed, State-Level Conference.**

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

Marshall, S. G., Gonzales, J. F., Stokes, T.J., Russian, C. J. (2008). The Interactive Effects of Critical Thinking Skill Development and Preferred Learning Styles. College of Health Professions Research Forum, Texas State University. **Oral Presentation. Peer-Reviewed, Local-Level Conference.**

Russian, C. J., Harkins, L., & Marshall, S. G. (2008, April 25,). Inter-rater Reliability Among Respiratory Care Clinical Instructors: Pilot Study. College of Health Professions Research Forum. **Peer-Reviewed, Local-Level Conference.**

Speight, E., Russian, C. J., Ross-Gordon, J.M., & Muñoz, L. (2007, September 27-28). Recruitment and Retention of Adult Hispanic Students. Texas Society of Allied Health Professions: 30th Fall Conference and Annual Meeting. **Oral Presentation. Peer-Reviewed, State-Level Conference.**

Russian, C. J., Shamrock, B., & Engelhardt, M. (2007, April 20). Inter-rater Reliability Among Respiratory Care Clinical Instructors. College of Health Professions Research Forum. **Peer-Reviewed, Local-Level Conference.**

Marshall, S. G., & Russian, C. J. (2007, April 20,). Prevalence of Sleep Disorders Among Collegiate Football Players. College of Health Professions Research Forum. **Peer-Reviewed, Local-Level Conference.**

Russian, C. J. (2007, February 9). Learning Styles: Respiratory Care Educators and Students. Texas Society for Respiratory Care. Winter Forum. Educators Section.

Litchke, L. G., Russian, C. J., Lloyd, L. K., Schmidt, E. A., Price, L., & Walker, J. L. (2006, June 15). Evaluating The Effects of Concurrent Respiratory Resistance Training on Wheelchair Athletes. Texas Society for Respiratory Care. Annual State Meeting. Pulmonary Rehabilitation Section. **Peer-Reviewed, State-Level Conference.**

Russian, C. J., Shaw, D. K., & Marshall, S. G. (2006, June 15). Evaluation of Exercise-Induced Bronchospasm using Telehealth Technology. Texas Society for Respiratory Care. Annual State Meeting. **Peer-Reviewed, State-Level Conference.** Pulmonary Rehabilitation Section.

Russian, C. J., & Harkins, L. T. (2006, June 15). A Comparison of FloPAP vs. CPAP in the Treatment of Obstructive Sleep Apnea – A Case Study. **Texas Society for Respiratory Care. Annual State Meeting. Pulmonary Rehabilitation Section**.

Litchke, L. G., & Russian, C. J. (2006, April 28). The Effects of Concurrent Respiratory Resistance Training on Wheelchair Athletes. Department of Physical Education, Recreation, and Dance, and Department of Respiratory Care. College of Health Professions Research Forum. This presentation addressed the results from a pilot study conducted at Texas State. **Peer-Reviewed, Local-Level Conference.**

Russian, C. J., Shaw, D. K., & Marshall, S. G. (April 28, 2006). Evaluation of Exercise-Induced Bronchospasm Using Telehealth Technology. Departments of Respiratory Care and Physical Therapy. College of Health Professions Research Forum. **Peer-Reviewed, Local-Level Conference.** This is the only known case involving the evaluation of EIB using Telehealth monitoring.

Harkins, L. T., & Russian, C. J. (2006, April 28). An Effective New Therapy in The Treatment of Obstructive Sleep Apnea. Department of Respiratory Care. College of Health Professions Research Forum. **Peer-Reviewed, Local-Level Conference.** Results from this study demonstrate an alternative treatment device to the traditional treatment of OSA.

Russian, C. J. (2005, April). Preferred Learning Styles Among Respiratory Care Students at Texas State University, College of Health Professions Research Forum. Results from this study demonstrate a pattern of critical thinking development among respiratory care students. **Peer-Reviewed, Local-Level Conference.**

Harkins, L. T. & Russian, C. J. (2005, April). A Comparison of FloPAP vs. CPAP in the Treatment of Obstructive Sleep Apnea: Case Study, College of Health Professions Research Forum. **Peer-Reviewed, Local-Level Conference.** This case study demonstrated a remarkable treatment effect using a newly developed device for OSA.

2. Invited Talks, Lectures, Presentations

Russian, C. J. (Presenter), Guyana Respiratory Care Seminar, "High Flow Nasal Cannula," University of Guyana/. (2025).

The Do's and Don'ts of Taking the Entry-level Board Exams. (2025 June 9). Texas Society for Respiratory Care 2025 State Convention. June 9-11, 2025.
Description: This presentation was delivered during the student section of the state convention and focused on strategies for success on the NBRC entry-level exams, including the TMC and Clinical Simulation Exam. Topics included effective study techniques, common testing pitfalls, time management during the exam, and how to interpret and apply clinical scenarios. Practical examples and real-world testing insights were provided to help students feel confident and prepared as they transition from graduation to credentialing.

2024 CorVent Medical Breakfast Panel. (2024 November). American Association for Respiratory Care (AARC) International Congress 2024. I served as a Panelist for the event. Discussion centered around the pros and cons of modes of mechanical ventilation and where our focus should be in healthcare.

Rodrigues, N.A., Hudgins, A.M., & Russian, C.J. (2024). High Frequency Oscillatory Ventilation Using Noninvasive Interfaces. 28th Annual Faculty Student Research Forum. College of Health Professions, Texas State University.

Critical Thinking Skills of Respiratory Care Students and Graduates. (2023 November). American Association for Respiratory Care (AARC) International Congress 2023. Presenters: Russian, C.J. & Waugh, J. Presentation covered the results from the AARC Vision Grant Research Project.

2023 CorVent Medical Breakfast Panel. (2023 November). American Association for Respiratory Care (AARC) International Congress 2023. I served as a Panelist for the event. Discussion certered around mechanical ventilation strategies for the practicing therapist.

Critical Thinking Skills of Respiratory Care Students and Graduates. (2023 July). American Association for Respiratory Care (AARC) Summer Forum 2023. Presenters: Russian, C.J. & Waugh, J. Presentation covered the results from the AARC Vision Grant Research Project.

Chest Assessment and Breath Sound Interpretation. (October 2023). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Chest Assessment and Breath Sound Interpretation. (October 2022). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Chest Assessment and Breath Sound Interpretation. (October 2021). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Chest Assessment and Breath Sound Interpretation. (October 2021). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Chest Assessment and Breath Sound Interpretation. (October 2020). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Respiratory Muscle Testing and Training. (March 2020). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Chest Assessment and Breath Sound Interpretation. (October 2019). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Respiratory Muscle Testing and Training. (2019). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Chest Assessment and Interprofessional Education Event. (October 2 & 4, 2018). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Respiratory Muscle Testing and Training. (April 27, 2018). Texas Association of Cardiovascular & Pulmonary Rehabilitation (TACVPR) 28th Annual Conference. Contact Kitty Collins and Rhonda Leaverton.

Breath Sound Review. (February 13, 2018). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Respiratory Muscle Testing and Training. (March 1, 2018). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Chest Assessment and Breath Sound Interpretation. (October 18, 2017). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Breath Sound Review. (February 21, 2017). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Airway Clearance Therapies. (February 23, 2017). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Summit Award-Best Practice from the Texas Society for Respiratory Care. Presented at the Summer House of Delegates Meeting, American Association for Respiratory Care. Summer Forum 2017.

Breath Sound Interpretation. (October 21, 2016). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Breath Sound Review. (February 25, 2016). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Airway Clearance Therapies. (February 23, 2016). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Breath Sound Interpretation. (September 24, 2015). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Breath Sound Review. (March 3, 2015). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Airway Clearance Therapies. (February 24, 2015). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

The relationship between a sleep-disordered breathing questionnaire, the Epworth Sleepiness Scale and measurements of respiratory muscle strength. (2014 September 25). Texas Society of Allied Health Professions, 37th Conference and Annual Meeting. **Research Award Presentation.**

Breath Sound Interpretation. (September 11, 2014). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Inspiratory and Expiratory Muscle Testing and Training. (August 29, 2014). Central Texas Rehabilitation Hospital-Austin. Lecture to Respiratory Care staff. Contact Jonathan Willemin, Manager, CTRH Respiratory Care.

Arterial Blood Gas Analysis. (February 25, 2014). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Breath Sound Review. (February 25, 2014). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Airway Clearance Therapies. (February 20, 2014). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Inspiratory and Expiratory Muscle Training and Testing. (October 29, 2013). Post-Acute Care and the Pulmonary Patient Conference. Central Texas Rehabilitation Hospital. Program Coordinator: Sharon Armstead, Manager CTRH Respiratory Care.

Chest Radiographic Review. (October 23, 2013). Seton Medical Center-Hays Respiratory Care Department, Fall 2013 Respiratory Care CEU Half Day Conference. Program Coordinator: Anna Kehl, Educator Seton Medical Center-Hays.

Effects of Respiratory Muscle Training on Sleep and Breathing in SCI. (July 22, 2013). Seton Respiratory Care Department, Summer Mini-Symposium. Program Coordinator: Keith Momii, Seton Medical Center-Austin.

Chest Radiographic Interpretation. (February 21, 2013). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Breath Sound Review. (February 19, 2013). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Airway Clearance Therapies. (February 19, 2013). PT7333 Body Systems II: Cardiopulmonary Systems. Lecture to the Physical Therapy Doctoral Students. Contact Denise Gobert. Department of Physical Therapy, College of Health Professions, Texas State University.

Breath Sound Interpretation. (October 9, 2012). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Breath Sound Interpretation. (September 27, 2011). This is a lecture developed for the Physical Therapy Doctoral students. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Chest Radiographic Interpretation and Breath Sound Assessment. (2011, July 27). Seton Medical Center-Main, Austin, TX. Material presented to the staff of the Respiratory Therapy Department in preparation patient driven protocol requirements.

Assessment of the Pulmonary Patient: Chest Radiographic Interpretation. (2011, June 16). University Medical Center Brackenridge. Material presented to the staff of the Respiratory Therapy Department in preparation patient driven protocol requirements.

Respiratory Pharmacology: What drugs can be mixed? (2010, Oct 28). Seton Healthcare Network Lecture Series. This lecture was presented to the Seton Network Respiratory Care staff. This presentation was part of a 6 CEU seminar at Seton Medical center Williamson County.

Breath Sound Interpretation. This is a lecture developed for the Physical Therapy Doctoral students. October 2010. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Management of COPD. (2009, Nov 14). American Lung Association. Respiratory Rally and Conference. A continuing education conference for healthcare practitioners.

Breath Sound Interpretation. This is a lecture developed for the Physical Therapy Doctoral students. October 2009. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

The Importance of Humidification During Mechanical Ventilation. (2009, Oct 9). Seton Healthcare Network Lecture Series. This lecture was presented to the Seton Network Respiratory Care staff. This presentation was part of a 6 CEU seminar.

Chest Radiographic Interpretation. (2009, Mar 12). Seton Healthcare Network Lecture Series. This lecture was presented to the Seton Network Respiratory Care staff. This presentation was part of a 3 CEU series.

Airway Clearance Therapies: A Review of the Evidence and Recommendations. (2009, Mar 12). Seton Healthcare Network Lecture Series. This lecture was presented to the Seton Network Respiratory Care staff. This presentation was part of a 3 CEU lecture series.

Breath Sound Interpretation. This is a lecture developed for the Physical Therapy students. October 22, 2008. Contact Karen Gibbs. Department of Physical Therapy, College of Health Professions, Texas State University.

Introduction to Respiratory Care and Polysomnography. This talk is designed for the students enrolled in US 1100. October 14, 2008. Contact: Shannon Williams. Physical Therapy faculty.

Oxygen Administration Devices. This is an annual lecture for first-year Radiation Therapy students. October 1, 2008. Contact Margaret Kendrick. Radiation Therapy faculty.

Airway Clearance Therapies. This is a lecture developed for the PT students. September 16, 2008. Contact Rick Nauert. Physical Therapy faculty.

Breath Sound Interpretation. This is a lecture developed for the PT students. September 16, 2008. Contact Rick Nauert. Physical Therapy faculty.

Arterial Blood Gas sampling and analysis. This is a lecture developed for the PT students. September 16, 2008. Contact Rick Nauert. Physical Therapy faculty.

Ventilator Graphic Waveform Analysis. Brackenridge Hospital Monthly Lecture Series. April 2008.

Airway Clearance Therapies: Evidence Based Medicine. Texas Society for Respiratory Care, Capital Area District Fall 2007 Symposium. November 30, 2007.

Overview of Sleep. University Seminar. Texas State University.. Contact: Catherine Hawkins. November 12, 2007.

Pediatric/Neonatal Care in the Intensive Care Units. This lecture covers issues related to the neonatal and pediatric patient populations and nuances of proper management. Audience: PT Students. November 13, 2007. Contact: Mary Elizabeth Parker. PT Faculty.

Airway Clearance Therapies. This is a lecture developed for the PT students. September 11, 2007. Contact Rick Nauert. PT faculty

Breath Sound Interpretation. This is a lecture developed for the PT students. September 11, 2007. Contact Rick Nauert. Physical Therapy faculty.

Arterial Blood Gas sampling and analysis. This is a lecture developed for the PT students. September 11, 2007. Contact Rick Nauert. Physical Therapy faculty.

Neonatal Intensive Care Unit Introduction. This 1.5 hours lecture covered the layout of an NICU and the patient population admitted to these units. This course was taught for the Physical Therapy students. Contact Jason Hardage, Physical Therapy Faculty. Fall 2006.

Blast Lung Injury. Texas Society for Respiratory Care Symposium. Seton Medical Center. Austin, TX. May 2006.

Sleep Apnea and Polysomnography, Health Information Management Winter Conference, January 14, 2005

Obstructive Sleep Apnea, Primedia Corporation. Educational piece on OSA and broadcast on Primedia closed circuit television. Audience included physicians, nurses, and other allied health practitioners. 2004

Respiratory Management of Pediatric Head Injury, Texas Society for Respiratory Care, Corpus Christi Conference, 2004

Texas Society for Respiratory Care, Capital District Annual Symposium, Introductions and Speaker, 2004

Clinical Effects of Tissue Hypoxia, Texas Society for Respiratory Care, Capital Area District Annual Symposium, 2004

Oxygen Administration Devices, ACLS Instructor Course, McKenna Memorial Hospital, 2003

Oxygen Devices/Cylinders for Radiation Therapy students, fall 2002-2007, contact: Margaret Kendrick. Radiation Therapy students are instructed on different oxygen modalities and the use of oxygen cylinders.

Pediatric Closed Head Injury, Victoria College Symposium. This lecture was part of a 6-hour continuing education seminar. 2001.

Intrapulmonary Percussive Ventilation, Department of Respiratory Care, Monthly Lecture Series, 2000

3. Consultancies:

None

4. Workshops

Collins, K.C. & Russian, C.J. Pulmonary Function Testing Workshop. Texas Society For Respiratory Care 2024 State Convention. 2024 May 16. This is a 6 hour continuing education workshop offered to attendees at the TSRC State Convention. The event included lecture and practicum activities.

CoBGRTE Summer Town Hall and Panel Discussion. (2021 July). This is a continuing education event sponsored by the Coalition of Baccalaureate and Graduate Respiratory Therapy Education. I serve as the program emcee and corrdinator of the event.

CoBGRTE Summer Town Hall and Panel Discussion. (2020 July). This is a continuing education event sponsored by the Coalition of Baccalaureate and Graduate Respiratory Therapy Education. I serve as the program emcee and corrdinator of the event.

CoBGRTE Round Table Dinner & Discussion. (2019 November). This is a dinner discussion sponsored by the Coalition of Baccalaureate and Graduate Respiratory Therapy Education. I serve as the program emcee and corrdinator of the event.

CoBGRTE Round Table Discussion Dinner at Tarpon River Brewing and CoBGRTE Seminar at the Marriott Harbor Beach Resort and Spa. (2019 August). This is a continuing education event and a dinner discussion sponsored by the Coalition of Baccalaureate and Graduate Respiratory Therapy Education. I serve as the program emcee and corrdinator of the event.

CoBGRTE Round Table Discussion Dinner at The Lazy Dog Restaurant & Bar. (2018 December). This is a dinner discussion event sponsored by the Coalition of Baccalaureate and Graduate Respiratory Therapy Education. I serve as the program emcee and corrdinator of the event.

CoBGRTE Seminar and Round Table Discussion Dinner. (2018 July). This is a continuing education event and dinner discussion sponsored by the Coalition of Baccalaureate and Graduate Respiratory Therapy Education. I serve as the program emcee and corrdinator of the event.

Capital District Summer Seminar. (2014, July 18). Texas Society for Respiratory Care. Seminar offered physician and industry speakers. Six (6) Continuing Education Units (CEUs). Arranged the location, set the theme, recruited the speakers, developed the brochure, completed CEU paperwork requirements, and introduced all presenters.

Organizer and Master of Ceremonies for the Dell Children’s Medical Center Texas Society for Respiratory Care Capital Area District Seminar. Arranged the location, set the theme,

recruited the speakers, developed the brochure, completed CEU paperwork requirements, and introduced all presenters. January 16, 2010.

Panel Discussion. Issues in Respiratory Care Education. Texas Society for Respiratory Care. Winter Forum. Educators Section. February 9, 2007. Panelist.

Focus Group Member: Developing a Mobile Monitoring System for Drug Compliances in Outpatient Clinical Trial – Functionality and Quality-of-Service Requirement Study. Ju Long, Moderator. 2004

5. Other Works not in Print:

a. Works "submitted" or "under review"

Collins, K. (2020). Respiratory therapy faculty involvement at student centers on college campuses in the United States, a pilot study. The Journal of American Collee Health, JACH-2020-05-0262.

b. Works "in progress"

Russian, C. J. (TBA). Evaluation of a peristaltic wheel suction device versus wall vacuum.

Russian, C. J., & Armstead, S. V. (TBA). The impact of Chronic Obstructive Pulmonary Disease GOLD classification and respiratory muscle strength training on respiratory muscle strength, breathlessness, body mass index and quality of life. Project in data collection phase.

c. Other works not in print

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. **Poster Presentation.**

Henry, N. R., Russian, C. J. (2018) Organ procurement organization and university-based respiratory care program partnership to develop student internships. **Poster presentation at the Texas State University College of Health Professions 2018 Research Forum. Peer-Reviewed Regional Presentation.** Awarded second place in Faculty Research.

Armstead, S. V., Russian, C. J., Collins, K. P., Alonso, A., Fourcher, K., Razo-Cantu, K., & Roman, A. (2017). Observing different cleaning techniques in a variety of nebulizer systems. *Association of Asthma Educators, 2017 Annual National Conference*. **Refereed Abstract and Poster Presentation**. https://www.asthmaeducators.org/resources/Documents/20%20OBSERVING

%20DIFFERENT%20CLEANING%20TECHNIQUES%20IN%20A%20VARIETY%20OF%20NEBULIZER%20SYSTEMS.pdf

Russian, C. J., Collins, K. P., Gonzales, J. F., Flores, C.*, Moffitt, M.*, Holder, T.*, Risner, B.* (2016). *A comparison of respiratory muscle strength measurements when using the Medgraphics, pressure manometer and microrpm.* 20th Annual College of Health Professions Research Forum. **Refereed Poster Presentation**. *****This research project included Respiratory Care Undergraduate students

Russian, C. J., Armstead, S. V., Gonzales, J. F., Collins, K. P., Alejandre, M.*, D'Abadie, D., Kowalski, M.*, & Ledezma, M.* (2016). *An assessment of the clinical learning environment from respiratory care students during internship rotations: a pilot study*. 20th Annual College of Health Professions Research Forum. **Refereed Poster Presentation. ***This research project included Respiratory Care Undergraduate students.

Russian, C. J., Gonzales, J. F., Wharton, B. J., Corbitt, J.*, Barnes, M.*, Calderon, J.*, & Bowens, K.* (2016). *Difference in sleep parameters based on the recommended and alternative electrode placements according to the AASM scoring manual*. 20th Annual College of Health Professions Research Forum. **Refereed Poster Presentation. ***This research project included Respiratory Care Undergraduate students

Collins, K. P., Gonzales, J. F., & Russian, C. J. (2016). *Variability in distal end-expiratory pressure and distal flow rates in three different high-flow nasal cannula systems*. 20th Annual College of Health Professions Research Forum. **Refereed Poster Presentation.**

Collins, K. P. & Russian, C. J. (2016). Respiratory Therapy Faculty Involvement with Student Health Clinics on College Campuses. *Association of Asthma Educators, 2016 Annual National Conference*. **Refereed Poster Presentation.** http://www.asthmaeducators.org/resources/Documents/Kevin%20Collins%20Abstract.pdf.

Marshall, S. G., Henry, N. R., & Russian, C. J. (2015). The effects of nasal cycle on inspired FIO2 by nasal cannula in an adult model. Poster presentation at the College of Health Professions 18th Annual Research Forum. Texas State University. **Refereed Poster Presentation.** Local Level Forum.

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 College of Health Professions 18th Annual Research Forum. Texas State University. **Refereed Poster Presentation.** Local Level Forum.

Henry, N. R., Russian, C. J., & Nespral, J. (2014). Identifying potential ventilator auto-triggering among OPO referrals. Poster presentation at the College of Health Professions 18th Annual Research Forum. Texas State University. **Refereed Poster Presentation.** Local Level Forum.

Jackson, M. E., Verano, J. X., Fry, J. E., Rodriguez, A. P., & Russian, C. J. (2012, October 12) Skin Preparation Process for the Prevention of Skin Breakdown in Patients Who are Intubated and Treated with Rotoproning. Showcase of Seton Healthcare Family Research. **Refereed Poster Presentation.** Local Level Presentation.

Russian, C. J., & Gonzales, J.G. (2012, April 10-13). The Allen test: A historical review of the literature and recommendation. College of Health Professions 16th Annual Research Forum. **Refereed Poster Presentation.** Local Level Forum.

Gonzales, J.G., Russian, C. J., Aguilar, A., Emery, J., Gawlik, B., Gonzales, G., Gordon, K., & Pantoja, R. (2012, April 10-13). Evaluation of proper wrist position when performing a modified Allen test. College of Health Professions 16th Annual Research Forum. **Refereed Poster Presentation.** Local Level Forum.

Russian, C. J., Gonzales, J.G., Arellano, F., Leath, L., & Velazquez, B. (2012, April 10-13). Medication compatibility: Implications for inhalation therapy. College of Health Professions 16th Annual Research Forum. **Refereed Poster Presentation.** Local Level Forum.

Russian, C. J., Gonzales, J.G., Elford, L., & Lloyd, J. (2012, April 10-13). Evaluation of cuff pressure measurements. College of Health Professions 16th Annual Research Forum. Refereed Poster Presentation. Local Level Forum.

Russian, C. J., & Gonzales, J.G. (2012, April 10-13). Outlining the results of various oxygen mask FiO2 concentrations while using a variety of tidal volumes and inspiratory flowrates. College of Health Professions 16th Annual Research Forum. Refereed Poster Presentation. Local Level Forum.

Russian, C. J., Gonzales, J. F., Martinez, A., & Collins, K.P. (2011, Mar 21-25). Evaluating an alternative assessment of suction catheter size compared to the airway diameter. 15th Annual Faculty/Student Research Forum, College of Health Professions, Texas State University. Refereed Poster Presentation. Local-level Forum.

Litchke, L. G. & Russian, C. J. (2006, June 24-28). The effects of concurrent respiratory resistance training on wheelchair athletes. Poster Presentation. American Spinal Injury Association and the International Spinal Cord Association; conference title: "A Global Spinal Cord Injury Conference". Refereed Poster Presentation. International Conference.

d. Other works IRB Submissions

IRB Submission: #8479 Evaluation of Respiratory Mechanics and Predictability of Lung Recruitment in Deceased Organ Donors. Approved 2022 September. Contact: Dr. Nicholas Henry.

IRB Submission: #8440 Academic GRIT and Determination and Mental Wellbeing Among New Healthcare Students. Approved 2022 September. Contact: Dr. Joshua Gonzales

IRB Submission: #6766 Identification of Academic Grit Within a Health Profession. Approved 2019 September. Contact: Dr. Joshua Gonzales

IRB: #6485 Comparing Fatigue Medical Transport Team Personnel. Contact: Mr. Nate Rodrigues.

C. Scholarly / Creative Grants and Contracts

1. Funded External Grants and Contracts:

Russian, C. J. (PI), Dunlevy, C. (Co-PI), Marshall, S. G. (Co-PI), Waugh, J. (Co-PI). (2018). *Critical Thinking and Clinical Judgment Skills in Recent Graduates of Associate and Baccalaureate Degree Respiratory Therapy Programs.* American Association for Respiratory Care Vision Grant. Awarded amount: $50,000.

Russian, C. J., & Armstead, S. V. (2015-16). The impact of Chronic Obstructive Pulmonary Disease GOLD classification and respiratory muscle strength training on respiratory muscle strength, breathlessness, body mass index and quality of life. Sponsored Study Support from PowerLung, Inc. included donation of the devices for the study. Each device cost $63.00. Total support of 48 devices.

Russian, C. J., Marshall, S. G., & Gonzales, J. F. (2013). The relationships between a sleep-disordered breathing questionnaire, the Epworth sleepiness scale and measurements of respiratory muscle strength. *Texas Society of Allied Health Professionals: Research and Innovative Practice Grant*. Submitted spring 2013. **Accepted September 2013. Awarded amount: $1500.00**

Russian, C. J. (PI) & Gonzales, J. F. (Co-PI). (2012). Assessment of ventilator data prior to and during endotracheal tube obstruction. *Texas Society of Allied Health Professionals: Research and Innovative Practice Grant*. Submitted spring 2012. **Accepted September 2012. Awarded amount: $1500.00**

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

Collins, K.P. & Russian, C.J. (2024). Improving Long-term Respiratory Outcomes in Elderly Patients through Comprehensive Spirometry Training for Healthcare Providers. Williamson Fund for Long-term Care Research. Requested amount $10,000. This proposal addresses a significant gap in the long-term care of elderly patients—accurate and consistent monitoring of respiratory function. Chronic obstructive pulmonary disease (COPD) and asthma are prevalent among elderly populations, and early detection of deteriorating lung function through quality spirometry testing will assist providers in guiding therapy thereby drastically improving patient outcomes.

Henry, N.R. (PI), & Russian, C.J. (Associate PI). (2015-16). Determining the Efficacy of CO2 Sampling Nasal Cannulas in the Presence of the Nasal Cycle. American Respiratory Care Foundation (ARCF) Parker B. Francis Respiratory Research Grant. Amount Requested: $10,000.

Henry, N.R. (PI), & Russian, C.J. (Associate PI). (2015-16). Determining the Efficacy of CO2 Sampling Nasal Cannulas in the Presence of the Nasal Cycle. American Respiratory Care Foundation (ARCF) Jerome M. Sullivan Research Fund. Amount Requested: $5,530.31.

Gonzales, J. F. (PI), & Russian, C. J. (Associate PI). (May 2014). Comparing the Effects of Elevation Training Masks Versus PowerLung Breathing Trainers through Transcutaneous PO2 Measurements and Pulmonary Function Testing. Texas Society of Allied Health Professions. Requested amount: $1,329.89.

Russian, C. J. (PI), & Litchke, L. G. (Co-PI) (HPER Dept.). Concurrent Respiratory Resistance Training and Changes in Respiratory Muscle Strength, Sleep Quality, and Quality of Life in Persons with Spinal Cord Injury. Paralyzed Veterans of America Research Foundation, Submitted fall 2008. **(Requested amount 73,407.00)**

3. Funded Internal Grants and Contracts:

Henry, Nicholas R. (Principal), Percent Contribution: 100%, Russian, Christopher J. (Co-Principal), Percent Contribution: 100%. (2021). Evaluation of Respiratory Mechanics and Predictability of Lung Recruitment in Deceased Organ Donors, Texas StateUniversity, Texas State University, $10,367.15. (Funded: December 11, 2021 - May31, 2023). Grant.

Litchke, L. G. (PI) (HPER Dept.), & Russian, C. J. (Co-PI). (2009) Concurrent Respiratory Resistance Training and Changes in Respiratory Muscle Strength, Sleep Quality, and Quality of Life in Persons with Spinal Cord Injury. *Research Enhancement Program Grant*. Submitted fall 2008. The goal of this project is to determine the effect of a lung trainer device on respiratory muscle strength and sleep quality. This project is a continuation of two previous projects involving lung training with individuals with spinal cord injury. **(Funded amount: $15,481.27)**

Russian, C. J. (PI), & Harkins, L. T. (Co-PI). (2007 summer) Comparison of 3 methods to diagnose obstructive sleep apnea. This project focused on comparing 3 methods to properly diagnose Obstructive Sleep Apnea. *Research Enhancement Program Grant*. Submitted fall 2006. The goal was to provide alternate means of diagnosis of OSA thus alleviating costs for duplicate testing and wait times for sleep lab access. (**Funded amount: $7000.00**)

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

Collins, K. P. (PI) & Russian, C. J. Co-PI). Improving Long-term Respiratory Outcomes in Elderly Patients through Comprehensive Spirometry Training for Healthcare Providers. *Williamson County Fund Long-Term Care*. Submitted October 2024. **Amount Requested: $10,000.**

Russian, C. J. (PI), & Marshall, S. G. (Co-PI), & Wharton, B.J. (Co-PI). The use of transcutaneous carbon dioxide pressure assessment and end-tidal carbon dioxide

assessment during polysomnography. *One-Time Research Support from the Associate Vice-President for Research*. Submitted fall 2009. **Amount Request: $19806.00**.

Russian, C. J. (PI), & Harkins, L. T. (Co-PI). Effects of daytime sleepiness on GPA among Health Profession students at Texas State University. *Research Enhancement Program Grant*. Submitted fall 2004. **Amount Requested: $7635.00**

Russian, C. J. (PI). Assessing the Learning Style of Respiratory Care Students at Texas State University. *Research Enhancement Program Grant*. Submitted fall 2003. **Amount Requested: $7825.55**.

D. Scholarly / Creative Fellowship, Awards, Honors

Rodrigues N.A., Farmer, T.A., Morley R.H., Hudgins, A.M., Russian, C.J. Rest And Readiness In Unit Based Specialty Care Perinatal Transport Team Clinicians: A Pilot Study. International Biomedical Research Poster Presentation. Airborne Medical Transport Conference. May 6, 2022. Austin, TX, United States. Recipient. 1st Place Award, International Scope.

ASCLS Scientific Research Award for Caruana, L. B., Redwine, G. D., Rohde, R. E., Russian, C. J. (2020 July 1). A prospective study of patients diagnosed with sarcoidosis: factors – environmental exposure, health assessment, and genetic outlooks. *Sarcoidosis Vasculitis And Diffuse Lung Diseases.* Dr. Redwine is first author of the award.

College of Health Professions 22nd Annual Faculty/Student Research Forum. 2nd Place Faculty Research Award. 2018.

College of Health Professions 19th Annual Faculty/Student Research Forum. 2nd Place Faculty Research Award. 2015.

College of Health Professions 19th Annual Faculty/Student Research Forum. 3rd Place Faculty Research Award. 2015.

Texas State University Presidential Award for Excellence in Scholarly/Creative Activities – Runner-up. 2013.

College of Health Professions 16th Annual Faculty/Student Research Forum. 2nd Place Faculty Research Award. 2012.

Faculty Excellence Award for Outstanding Scholarship at the Associate Professor level 2011. College of Health Professions.

Faculty Excellence Award in Scholarship at the Associate Professor level 2008. College of Health Professions.

E. Scholarly / Creative Professional Development Activities Attended:

Internship Coordinators Forum. Presented by Career Services. 2016, April 15.

Scholarship is a Blue Collar Profession. Presenter: Dr. Tom Grimes. 2016, March 30.

Promotion to Full Professor: Advice for Associate Professors. Presented by Academic Development & Assessment. 2016, February 24.

Being a Scholar is More Than Being a Publisher. Presenter: Dr. Tom Grimes. 2016, February 3.
Promotion to Full Professor: Advice for Associate Professors. Presented by Academic Development & Assessment. 2015, February 26.

Conflict of Interest Mini-Course. Collaborative Institutional Training Initiative (CITI). 2014, October 03.

F. Media Recognition:

Russian, C. J., & Marshall, S. G. (2013 July 31). Program Spotlight: Texas State University. COBGRTE Coalition Chronicle, 2(7). Available at: http://www.cobgrte.org/

Seton Nursing Report. (2010). On the road to zero Preventable pressure ulcers. Acknowledgement of contribution and role at Texas State. Ascension Health Newsletter, pg. 6.

As Football Players Get Bigger, More of Them Risk a Dangerous Sleep Disorder. (2007, March 9). Featured article in The Chronicle of Higher Education. Volume LIII, (27).

IV. Service

A. Institutional

1. University

Texas State University, Selections Committee - Presidential Award for Excellence in Service Activities. 2024-25.

Texas State University, The Graduate College, MSRC Graduate Advisor Graduate Council. Member. 2024-2025.

Texas State University, Selections Committee - Presidential Award for Excellence in Service Activities. 2023-24.

Texas State University, The Graduate College, MSRC Graduate Advisor Graduate Council. Member. 2023-2024.

Texas State University, Selections Committee - Presidential Award for Excellence in Service Activities. 2022-23.

Texas State University, The Graduate College, MSRC Graduate Advisor Graduate Council. Member. 2022-2023.

Postdoctoral Researcher Catalyst Program Review. Division of Research. Dr. Aimee Roundtree serves as chair. Reviewed 17 applications for post-doctoral researchers during the spring of 2023.

Texas State University, The Graduate College, MSRC Graduate Advisor Graduate Council. Member. 2021-2022.

Texas State University, Selections Committee - Presidential Award for Excellence in Service Activities. 2021-22.

Texas State University, The Graduate College, MSRC Graduate Advisor Graduate Council. Member. 2020-2021.

Texas State University, Selections Committee - Presidential Award for Excellence in Service Activities. 2020-21.

Texas State University, The Graduate College, MSRC Graduate Advisor Graduate Council. Member. 2019-2020.

Texas State University, Selections Committee - Presidential Award for Excellence in Scholarly/ Creative Activities and Presidential Seminar Award. 2019-20.

Texas State University, The Graduate College, MSRC Graduate Advisor Graduate Council. Member. 2018-2019.

Texas State University, Selections Committee - Presidential Award for Excellence in Scholarly/ Creative Activities and Presidential Seminar Award. 2018-2019.

Texas State University, General Education Council, College of Health Professions, Member. 2017-2018. Appointed by Dean Welborn. Committee Charge: Primary responsibility for reviewing the General Education Core Curriculum and for recommending revisions of that curriculum.

Texas State University, Summative Review Committee – Dean Welborn, College of Health Professions, 2017-2018. Committee Charge: To assess the state of the college and identify perceived issues related to the performance of the academic dean. The committee sought input from faculty, staff, and other constituents as appropriate.

Texas State University, General Education Council Assessment Subcommittee. Member. Tasked with the auditing reports submitted by academic units with general education courses. 2017-2018.

Texas State University, Selections Committee - Presidential Award for Excellence in Scholarly/ Creative Activities and Presidential Seminar Award. 2017-2018.

Texas State University, Graduate College, Graduate Council. Member. 2017-2018.

Texas State University, Entrepreneurial Working Group Committee, Member. 2017-2018.

Texas State University, Assessment Audit Subcommittee - General Education Council, College of Health Professions, Member. 2016-2017. Appointed by Ron Brown. Committee Charge: audit assessment outcomes submitted by units.

Texas State University, General Education Council, College of Health Professions, Member. 2016-2017. Appointed by Dean Welborn. Committee Charge: Primary responsibility for reviewing the General Education Core Curriculum and for recommending revisions of that curriculum.

Texas State University, Entrepreneurial Working Group Committee, Member. 2016-2017.

Texas State University, Faculty Handbook Committee, Member. 2016-2017.

Texas State University, General Education Council, College of Health Professions, Member. 2015-2016. Appointed by Dean Welborn. Committee Charge: Primary responsibility for reviewing the General Education Core Curriculum and for recommending revisions of that curriculum.

Texas State University, Faculty Handbook Committee, Member. 2015-2016.

Texas State University, General Education Council, College of Health Professions, Member. 2014-2015. Appointed by Dean Welborn. Committee Charge: Primary responsibility for reviewing the General Education Core Curriculum and for recommending revisions of that curriculum.

Texas State University, Summative Review Committee – Dean Welborn, College of Health Professions, 2013. Committee Charge: To assess the state of the college and identify perceived issues related to the performance of the academic dean. The committee sought input from faculty, staff, and other constituents as appropriate.

Texas State University, Athletic Training Search Committee, 2013-14. Chair of the committee- Luzita Vela. Committee Charge: Evaluate candidates for a tenure track position in the Athletic Training Program in the Department of Health and Human Performance, College of Education.

Texas State University, General Education Council, College of Health Professions, Member. 2013-2014. Appointed by Dean Welborn. Committee Charge: Primary responsibility for reviewing the General Education Core Curriculum and for recommending revisions of that curriculum.

Texas State University, Faculty Senate, Faculty Handbook Committee, 2013-2014. Committee Charge: To update and redesign the Texas State University Faculty Handbook to correctly guide the university's faculty.

Texas State University, General Education Council, College of Health Professions, Member. 2012-2013. Appointed by Dean Welborn. Committee Charge: Primary responsibility for reviewing the General Education Core Curriculum and for recommending revisions of that curriculum.

Texas State University, Faculty Senate, Faculty Handbook Committee, 2012-2013. Committee Charge: To update and redesign the Texas State University Faculty Handbook to correctly guide the university's faculty.

Texas State University, General Education Council, College of Health Professions, Alternate. 2011-2012. Appointed by Dean Welborn. Committee Charge: Primary responsibility for reviewing the General Education Core Curriculum and for recommending revisions of that curriculum.

Texas State University, Student Commencement Speaker Committee, 2010-2011. Represented the College of Health Professions. Committee Charge: Primary responsibility to select the student commencement speaker at the fall, spring, summer commencements.

Texas State University, General Education Council, College of Health Professions, Alternate. 2010-2011. Appointed by Dean Welborn. Committee Charge: Primary responsibility for reviewing the General Education Core Curriculum and for recommending revisions of that curriculum.

Texas State University, Faculty Senate, Academic Governance Committee, 2009-2010. Committee Charge: to explore the composition of departmental personnel committees.

Texas State University, General Education Council, College of Health Professions, Alternate. 2009-2010. Appointed by Dean Welborn. Committee Charge: Primary responsibility for reviewing the General Education Core Curriculum and for recommending revisions of that curriculum.

Texas State University, Student Commencement Speaker Committee, 2009-2010. Represented the College of Health Professions. Committee Charge: Primary responsibility to select the student commencement speaker at the fall, spring, summer commencements.

Marshall, S. G. & Russian, C. J. Sleep Wellness Program for Texas State Football Athletes. Program consists of polysomnography screening and pulmonary function testing for the Texas State Football players. Program started summer 2006.

Texas State University, Student Commencement Speaker Committee, 2006-2007. Represented the College of Health Professions. Committee Charge: Primary responsibility to select the student commencement speaker at the fall, spring, summer commencements.

Texas State University, Commencement Usher, Summer 2004. Responsibilities included directing family and guests to the seating areas during commencement and distributing programs.

Texas State University. Presidential Award for Excellence in Service, Selection Committee. Represented the College of Health Professions. 2004-05. Committee Charge: review faculty service materials and make recommendations to the President and Provost.

Texas State University. Presidential Award for Excellence in Service, Selection Committee. Represented the College of Health Professions. 2003-04. Committee Charge: review faculty service materials and make recommendations to the President and Provost.

Texas State University, Student recruitment, Retention, and Marketing Committee, 2002. Committee Charge: To review how the university handles student recruitment, retention and marketing.

Texas State University, Health Careers Job Fair, College of Health Professions, Respiratory Care Faculty Representative, 2001-present. Responsibilities included: discussing the benefits of working in a health career, specifically Respiratory Care, to students and staff.

2. College

Graduate Marshall. Spring Commencement. College of Health Professions. 2025, May 10.

College of Health Professions, Faculty Senate Department Liaison, 2024-2025. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Bobcat Day/University Exchange, 2024, Oct 26. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Graduate Scholarships Committee, member, 2024-2025

College of Health Professions, Faculty Senate Department Liaison, 2023-2024. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Faculty Development and Research Committee, 2023-2024. **Co-Chair**. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Graduate Scholarships Committee, member, 2023-2024

College of Health Professions, Faculty Senate Department Liaison, 2022-2023. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Faculty Development and Research Committee, 2022-2023. **Co-Chair**. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Graduate Scholarships Committee, member, 2022-2023

College of Health Professions, Faculty Senate Department Liaison, 2021-2022. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Graduate Scholarships Committee, member, 2021-2022

College of Health Professions, Graduate Advisor for Financial Aid Appeals Committee, 2021-2022. College Contact: Matthew Brooks.

College of Health Professions, Faculty Development and Research Committee, 2021-2022. **Co-Chair**. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Graduate Advisor for Financial Aid Appeals Committee, 2020-2021. College Contact: Matthew Brooks.

College of Health Professions, Faculty Senate Department Liaison, 2020-2021. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Faculty Development and Research Committee, 2020-2021. **Co-Chair**. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Graduate Advisor for Financial Aid Appeals Committee, 2019-2020. College Contact: Matthew Brooks.

College of Health Professions, Faculty Senate Department Liaison, 2019-2020. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Faculty Development and Research Committee, 2019-2020. **Co-Chair**. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Summative Review Committee – Gregg Marshall, Chair of the Department of Respiratory Care, 2020. Committee Charge: To assess the state of the department and identify perceived issues related to the performance of the academic chair. The committee sought input from faculty, staff, and other constituents as appropriate.

College of Health Professions, Gradute Marshall, Summer Commencement Ceremony on Friday, December 14, 2019 at 6:00p.m. College Contact: Sara Boysen.

College of Health Professions, Gradute Marshall, Summer Commencement Ceremony on Friday, August 9, 2019 at 10:00 a.m. College Contact: Sara Boysen.

College of Health Professions, Graduate Advisor for Financial Aid Appeals Committee, 2018-2019. College Contact: Matthew Brooks.

College of Health Professions, Faculty Development and Research Committee, 2018-2019. **Chair**. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Faculty Senate Department Liaison, 2018-2019. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Faculty Development and Research Committee, 2017-2018. **Chair**. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, College Review Group, 2017-2018. Committee Charge: Review faculty documents for tenure and promotion and make recommendations to the Dean of the College of Health Professions.

College of Health Professions, Faculty Senate Department Liaison, 2017-2018. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Graduate Advisor for Financial Aid Appeals. Member. 2017-2018.

College of Health Professions, Faculty Development and Research Committee, 2016-2017. **Chair**. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Faculty Senate Department Liaison, 2016-2017. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, College Review Group, 2016-2017. Committee Charge: Review faculty documents for tenure and promotion and make recommendations to the Dean of the College of Health Professions.

College of Health Professions, Faculty Search Committee, Physical Therapy Department, Position 20170052FAC. Assistant, Associate, Professor position.

College of Health Professions, Faculty Development and Advancement Committee, 2015-2016. **Chair**. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, College Review Group, 2015-2016. Committee Charge: Review faculty documents for tenure and promotion and make recommendations to the Dean of the College of Health Professions.

College of Health Professions, Bobcat Day/University Exchange, 2015-2016. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Faculty Senate Department Liaison, 2015-2016. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Faculty Search Committee – **Chair**, Health Information Management position 2015-67. Service 2015. Committee Charge: To facilitate the generation of a qualified applicant pool and to advise the department Chair and faculty, and the Dean of the College of Health Professions of candidates who best meet the needs of the department following a rigorous screening/interview process.

College of Health Professions, Faculty Search Committee – **Chair**, Health Information Management position 2015-55. Service 2014-15. Committee Charge: To facilitate the generation of a qualified applicant pool and to advise the department Chair and faculty, and the Dean of the College of candidates who best meet the needs of the department following a rigorous screening/interview process.

College of Health Professions, College Review Group, 2015-2016. Committee Charge: Review faculty documents for tenure and promotion and make recommendations to the Dean of the College of Health Professions.

College of Health Professions, Bobcat Day/University Exchange, 2014-2015. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Faculty Development and Advancement Committee, 2014-15. **Served as vice-chair** (Dr. Rodney Rohde-Chair). Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Faculty Senate Department Liaison, 2014-2015. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Faculty Search Committee – Chair, Department of Respiratory Care, Position 2014-35, service 2013-2014. Committee Charge: To facilitate the generation of a qualified applicant pool and to advise the department Chair and faculty, and the Dean of the College of candidates who best meet the needs of the department following a rigorous screening/interview process.

College of Health Professions, Bobcat Day/University Exchange, 2013-2014. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, College Review Group, 2013-2014. Committee Charge: Review faculty documents for tenure and promotion and make recommendations to the Dean of the College of Health Professions.

College of Health Professions, Faculty Development and Advancement Committee, 2013-14. **Served as vice-chair** (Dr. Rodney Rohde-Chair). Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Faculty Senate Department Liaison, 2013-2014. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Bobcat Day/University Exchange, 2012-2013. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Personnel Committee, 2012-2013. Committee Charge: Review faculty documents for tenure and promotion and make recommendations to the Dean of the College of Health Professions.

College of Health Professions, Faculty Senate Department Liaison, 2012-2013. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, College Review Group-tenure and Promotion, 2011-2012. Committee Charge: To review faculty materials for tenure and promotion in the College of Health Professions and make recommendations to the Dean.

College of Health Professions, Bobcat Day/University Exchange, 2011-2012. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Budget Committee, 2011-2012. Committee Charge: To advise Dean Welborn on budget decision that transcends department budgets for the College of Health Professions.

College of Health Professions, Faculty Senate Department Liaison, 2011-2012. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Bobcat Day/University Exchange, 2010-2011. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Faculty Development and Advancement Committee, 2010-2011. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Faculty Senate Department Liaison, 2010-2011. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Bobcat Day/University Exchange, 2009-2010. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Faculty Development and Advancement Committee, 2009-2010. Committee Charge: Support a culture of collaborative research for all faculty.

College of Health Professions, Faculty Senate Department Liaison, 2009-2010. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Bobcat Day/University Exchange, 2008-2009. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Radiation Therapy New-Hire Search Committee, fall 2008. Committee Charge: To facilitate the generation of a qualified applicant pool and to advise the program Chair and faculty, and the Dean of the College of candidates who best meet the needs of the department following a rigorous screening/interview process.

College of Health Professions, Faculty Senate Department Liaison, 2008-2009. Responsibilities included: To represent the College of Health Professions in the event the college Faculty Senator is unavailable.

College of Health Professions, Bobcat Day/University Exchange, 2006-2007. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Bobcat Day/University Exchange, 2005-2006. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Awards Day Committee, 2004-2005. Committee Charge: To collect winners form the college units and to organize the student awards ceremony for the College of Health Professions.

College of Health Professions, Student Scholarship Committee, 2004-2005. Committee Charge: To receive college of Health Professions' application for University Scholars, Presidential Upper Level Scholarship and College of Health Professions' Scholarships and to follow the appropriate PPS guidelines and make recommendations for students to be awarded these scholarships.

College of Health Professions, Bobcat Day/University Exchange, 2004-2005. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Awards Day Committee, 2003-2004. Committee Charge: To collect winners form the college units and to organize the student awards ceremony for the College of Health Professions.

College of Health Professions, Student Scholarship Committee, 2003-2004. Committee Charge: To receive college of Health Professions' application for University Scholars, Presidential Upper Level Scholarship and College of Health Professions' Scholarships and to follow the appropriate PPS guidelines and make recommendations for students to be awarded these scholarships.

College of Health Professions, Bobcat Day/University Exchange, 2003-2004. Responsibilities included: Discussing the Respiratory Care curriculum requirements and the benefits of selecting respiratory care as a major at Texas State to freshmen and their family members.

College of Health Professions, Texas State Health Fair, Pulmonary Screenings 2002-2013. Responsibilities included: Conducting pulmonary function tests and distributing and sleep screenings questionnaires for Texas State students, faculty and staff.

College of Health Professions, Student Scholarship Committee, 2002-2003. Committee Charge: To receive college of Health Professions' application for University Scholars, Presidential Upper Level Scholarship and College of Health Professions' Scholarships and to follow the appropriate PPS guidelines and make recommendations for students to be awarded these scholarships.

College of Health Professions, Freshman Orientation 2001-02.

3. Department/School

Department of Respiratory Care, Library Liaison. 2024-2025.

Department of Respiratory Care, Academic Advisor/Graduate Advisor, Master of Science in Respiratory Care. (2025).

Chair, Hiring Committee. New Clinical Assistant Professor faculty position. This position was awarded through TXST Global. Position announcement, search, interview, and hire occurred in 2024.

Chair, Hiring Committee. New Clinical Assistant Professor faculty position. This position was awarded through TXST Global. Position announcement, search, interview, and hire occurred in 2024.

Chair, Hiring Committee. New Administrative Assistant II position. This position was awarded through TXST Global. Position announcement, search, interview, and hire occurred in 2024.

Department of Respiratory Care, Chair - Personnel Committee, 2024-25. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Department of Respiratory Care, Academic Advisor/Graduate Advisor, Master of Science in Respiratory Care. (2024).

Department of Respiratory Care, Chair - Personnel Committee, 2023-24. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Department of Respiratory Care, Academic Advisor/Graduate Advisor, Master of Science in Respiratory Care. (2023).

Department of Respiratory Care, Master of Science in Respiratory Care (MSRC) Curriculum Committee. To discuss and make recommendations for the respiratory care curriculum. 2017-**present**.

Department of Respiratory Care. Sputum Bowl, Ad Hoc Committee, **Co-Chair**. (2023). Charge: Work with Abbey Hudgins to develop a department quiz-style gameshow for junior RC students. Team winner will participate in the TSRC Annual State Convention Sputum Bowl.

Department of Respiratory Care, Library Liaison. 2023-2024.

Department of Respiratory Care, Chair - Personnel Committee, 2022-23. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Department of Respiratory Care, Academic Advisor/Graduate Advisor, Master of Science in Respiratory Care. (2022).

Department of Respiratory Care, Library Liaison. 2022-2023.

Department of Respiratory Care, Chair - Personnel Committee, 2021-22. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Department of Respiratory Care, Academic Advisor/Graduate Advisor, Master of Science in Respiratory Care. (2021).

Department of Respiratory Care, Library Liaison. 2021-2022.

Department of Respiratory Care, Chair - Personnel Committee, 2020-21. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Program Coordinator/Director for COARC Provisional Accreditation Self-Study Submission for the MSRC. Initialited in 2020 with a virtual site visit in 2021. In this role I wrote the self-study, prepared the supplemental documents, arranged for the site visit.

Department of Respiratory Care, Academic Advisor/Graduate Advisor, Master of Science in Respiratory Care. (2020).

Department of Respiratory Care, Chair - Personnel Committee, 2019-20. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Department of Respiratory Care, Chair – Graduate Faculty Search Committee. (2018-19). Position: 20190036FAC. **One tenure-track positions at the assistant, associate professor and professor level advertised.** Committee Charge: To facilitate the generation of a qualified applicant pool and to advise the department Chair, RC faculty, and the Dean of the College of Health Professions of candidates who best meet the needs of the department following a rigorous screening/interview process.

Department of Respiratory Care, Graduate Advisor for Instructional Design Graduate Council, (2019).

Department of Respiratory Care, Academic Advisor/Graduate Advisor, Master of Science in Respiratory Care. (2019).

Department of Respiratory Care, Chair – Graduate Faculty Search Committee. (2018). Position: 20180097FAC. **One tenure-track positions at the assistant, associate professor and professor level advertised.** Committee Charge: To facilitate the generation of a qualified applicant pool and to advise the department Chair, RC faculty, and the Dean of the College of Health Professions of candidates who best meet the needs of the department following a rigorous screening/interview process.

Department of Respiratory Care, Graduate Advisor for Instructional Design Graduate Council, (2018).

Department of Respiratory Care, Academic Advisor/Graduate Advisor, Master of Science in Respiratory Care. (2018).

Department of Respiratory Care, Chair - Personnel Committee, 2018-19. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Department of Respiratory Care, Graduate Advisor for Instructional Design Graduate Council, (2017).

Department of Respiratory Care, Academic Advisor/Graduate Advisor, Master of Science in Respiratory Care. (2017).

Department of Respiratory Care, Chair - Personnel Committee, 2017-18. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Department of Respiratory Care, Chair – Graduate Faculty Search Committee. (2017). Position: 20170079FAC. **Two tenure-track positions at the assistant, associate professor and professor level advertised.** Committee Charge: To facilitate the generation of a qualified applicant pool and to advise the department Chair, RC faculty, and the Dean of the College of Health Professions of candidates who best meet the needs of the department following a rigorous screening/interview process.

Department of Respiratory Care, Chair – Graduate Faculty Search Committee. (2017). Position: 20170060FAC. **Two tenure-track positions at the assistant or associate professor level advertised.** Committee Charge: To facilitate the generation of a qualified applicant pool and to advise the department Chair, RC faculty, and the Dean of the College of Health Professions of candidates who best meet the needs of the department following a rigorous screening/interview process.

Department of Respiratory Care, Director of Clinical Education, 2003 – 2017. Committee Charge: to oversee all clinical activities of the Department of Respiratory Care. Responsibilities include (but not limited to) being responsible for all aspects of the clinical experiences of students enrolled in the program, including organization, administration, continuous review and revision, planning for and development of locations (with appropriate supervision) for evolving practice skills, and the general effectiveness of the clinical experience. There must be evidence that sufficient time is devoted to the program by the DCE so that his or her educational and administrative responsibilities can be met. The DCE must have regular and consistent contact with students, clinical faculty, and clinical affiliates in all program locations.

Department of Respiratory Care, Chair - Personnel Committee, 2015-2016. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Department of Respiratory Care, Master of Science in Respiratory Care Proposal, Feasibility Study and Curriculum Committee, 2014 - 2017

Department of Respiratory Care, Chair - Personnel Committee, 2014-2015. Charge: The Chair of the Personnel Committee will provide guidance to the PC when making recommendations on each candidate for promotion and/or tenure.

Department of Respiratory Care, METC Clinical Assignment Group for San Antonio, Texas. 2009-2010. Represented the Department of Respiratory Care and discussed our clinical needs in the San Antonio area.

Department of Respiratory Care, Respiratory Care Consortium, Texas State-Hendrick Medical Center-Cisco Junior College, meeting Secretary, 2004

Department of Respiratory Care, Faculty Advisor, Respiratory Care Student Association (RCSA), 2003-2009. Served as the initial faculty advisor for the RC student association. Oversaw all activities and advised the students on course of action as a student group. Department of Respiratory Care, Strategic Plan, Fall 2003. To assist in developing a strategic plan for the Department of Respiratory for the next ten years.

Department of Respiratory Care, Site Visit Team as DCE for the 2015 COARC Reaccreditation. Prepared clinical documents and met with site visit team.

Department of Respiratory Care, Site Visit Team as DCE for the 2005 COARC Reaccreditation. Prepared clinical documents and met with site visit team.

Department of Respiratory Care, Curriculum Committee, 2002-**present**. To discuss and make recommendations for the respiratory care curriculum.

Department of Respiratory Care, Scholarship Committee, 2002-**present**. Committee Charge: To review student submission for departmental scholarships and make recommendations to the Chair.

Department of Respiratory Care, Student Selection Committee, 2002-**present**. Committee Charge: To participate in the selection of each class of respiratory care majors.

Department of Respiratory Care, Medical Advisory Committee, 2002-**present**. To discuss departmental activities with the medical director, faculty and clinical liaisons and seek guidance and recommendations.

B. Professional

Advanced Practice Respiratory Therapist (APRT) Committee member. (2025). Texas State for Respiratory Care (TSRC). Serving on the TSRC APRT Committee, contributing to statewide efforts aimed at advancing recognition and implementation of Advanced Practice Respiratory Therapist (APRT) roles in Texas.

Pulmonary Medicine. Manuscript Review. (2025). Comparison of SNIP and MIP in Evaluating Inspiratory Muscle Function in COPD and Healthy Individuals. Manuscript ID 9953814. Reviewed in Dec 2025.

Respiratory Care Reports. Manuscript Review. (2025). Efficacy of Marketing Strategies to Recruit Entry-to-Practice Respiratory Care Students: A Multi-Year Analysis of Effort. Manuscript ID RCR-2025-0016. Reviewed in 2025.

Canadian Journal of Respiratory Therapy. (2025). Inflammatory Biomarkers in Obstructive Lung Disease: A Cross-Sectional Analysis and Literature Review. Manuscript ID CJRT-2025-076. Reviewed in Nov 2025.

Respiratory Care Journal. Manuscript Review. (2025). Clinical Application of Respiratory Muscle Strength Indices in Chronic Obstructive Pulmonary Disease: A Narrative Review. Manuscript ID RC-13058. Reviewed in 2025.

Canadian Journal of Respiratory Therapy. (2025). Conservative versus liberal oxygen therapy in mechanically ventilated patients: a systematic review with meta-analysis. Manuscript ID CJRT-2025. Reviewed in Sept 2025.

Russian, C. J. (August, 2025). Neonatal Pediatric Specialist (NPS) Exam Item Writer. Applied Measurement Professionals/National Board for Respiratory Care. (Items are peer reviewed prior to acceptance and distribution to a national audience.)

Advanced Practice Respiratory Therapist (APRT) Committee member. (2024). Texas State for Respiratory Care (TSRC). Serving on the TSRC APRT Committee, contributing to statewide efforts aimed at advancing recognition and implementation of Advanced Practice Respiratory Therapist (APRT) roles in Texas.

Russian, C. J. (March, 2024). Neonatal Pediatric Specialist (NPS) Exam Item Writer. Applied Measurement Professionals/National Board for Respiratory Care. (Items are peer reviewed prior to acceptance and distribution to a national audience.)

Respiratory Care Journal. Manuscript Review. (2024). To evaluate the effectiveness of inhaled epinephrine in the neonatal intensive care unit for preventing reintubation after extubation in preterm newborns: A Double-blind, placebo-controlled Randomized trial. Manuscript ID RC-11891. Reviewed in 2024.

Respiratory Care Journal. Manuscript Review. (2024). Neonatal ARDS treated with electrical impedance tomography-guided recruitment maneuvers and surfactant-vehicled budesonide. Manuscript ID RC-12384.R1. Reviewed in 2024.

Vice-President for Research. (2024-2026). American College of Respiraotry Therapy Education (ACRTE). (Formerly COBGRTE). Role is to assist with the conduction, funding, and communication of research that pertains to respiratory therapy and the ACRTE organization.

Chair, Ad Hoc Committee on AS to BS Conversation – (2024). American Association for Respiratory Care (AARC).

Texas Society for Respiratory Care, Sputum Bowl Judge, Annual State Meeting, July 6th, 2023. Point of Contact: Julie Boganwright and Mary Hart.

Respiratory Care Journal. Manuscript Review. (2024). High-Frequency Oscillatory Ventilation Performances and Reliability of Four Hybrid Neonatal Ventilators: a bench top study. Manuscript ID RC-11498. Reviewed in 2023.

Respiratory Care Journal. Manuscript Review. (2023, May). Correlation between carbon dioxide diffusion coefficient (DCO2) and carbon dioxide arterial pressure (PCO2) in neonates under high-frequency ventilation" for Respiratory Care. Manuscript # RC-11200.

Advisory Committee, Department of Respiratory Care, University of Texas HealthScience Center San Antonio (UT-HSCSA). 2023.

Journal of Science in Sport and Exercise. (2023, January). The Effects of Strength Training with Load Progression on Sleep Parameters in University Students. Manuscript # SSEJ-D-22-00118.

Chair, Ad Hoc Committee on AS to BS Conversation – (2023). American Association for Respiratory Care (AARC).

Texas Society for Respiratory Care (TSRC). Delegate (2023-24). Delegates of the Society serve as a representative body of the general membership and the representative body of the Chartered Affiliates of the Association and participate in the establishment of the goals and objectives for the Association and participate in the governance of the Association. Each Delegate shall: 1) Attend all meetings of the House of Delegates and report the activities to the respective Chartered Affiliate. 2) Attend the Annual Business Meeting of the Association as the representative of the Active Members of the Association within their respective Chartered Affiliate. 3) Furnish the Elections Committee with the names of qualified members for nomination as Director-at-Large. 4) At the direction of their respective Chartered Affiliate, present proposed amendments to the Bylaws Committee. 5) Perform such other duties of office as may be necessary or required.

Respiratory Care Journal. Manscript Review. (2022, June). The Role of Inspiratory Muscle Ultrasonography in the Severity of the Exacerbation, Re-admission, and Mortality in COPD Patients. Manuscript # RC-10286.

Advisory Committee, Department of Respiratory Care, University of Texas HealthScience Center San Antonio (UT-HSCSA). 2022.

American Association for Respiratory Care (AARC) Task Force for COARC Standard 1.01. (2022). Charge: to develop a statement in response to the proposed changes to Standard 1.01 by the CoARC.

Chair, Ad Hoc Committee on AS to BS Conversation – (2022). American Association for Respiratory Care (AARC).

Texas Society for Respiratory Care (TSRC), Central Region Director. (2022-23). Charge: to promote membership and education activities within the Central Region and its two districts.

COBGRTE Vice-President for Research. (2022-2024). Role is to assist with the conduction, funding, and communication of research that pertains to respiratory therapy and the ACRTE organization.

COBGRTE Strategic Planning Committee Chair (2022).

Chair, Ad Hoc Committee on AS to BS Conversation – (2021). American Association for Respiratory Care (AARC).

Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE) Vice-President for Research. (2021)

Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE) Strategic Planning Committee Chair (2021)

Panel Discussion by Allied Health Professional Organizations. Texas Society for Allied Health Professionals. (2020) Legislative Summit. Represented the Texas Society for Respiratory Care.

Ad Hoc Committee on AS to BS Conversation – Member. (2020). American Association for Respiratory Care (AARC)

AARC HOD Strategic Objective 3 Committee – Member. (2020). American Association for Respiratory Care (AARC) House of Delegates committee. Goal: Support research and scientific inquiry to strengthen the scientific foundation and promote best practice for patient care.

Policy Manual HOD Committee – Member. (2019). American Association for Respiratory Care (AARC) House of Delegates committee. Goals: 1. Revise the “rationale log” to document reasons for policy/procedure changes. 2. Work with the Progress and Transition Committee to obtain updated Historical Overview of House activities to include in the Delegates Guide. 3. Collaborate with other House committees for any policies or procedures supporting House activities. 4. Change policy that states that the HOD Bylaws committee is a standing committee to saying it will be an ad hoc committee. 5. Work with Scrutinizing committee to determine whether it would make sense to give Historical Overview document to the Scrutinizing committee.

Program Committee – **Chair**. (2020). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE). Charge: 1. Plan and implement a two-hour program for the 2018 Summer Forum to include location, registration fees, refreshments, speakers, and activities. 2. Plan and implement a Round Table Discussion Dinner for the 2018 Summer Forum and Annual Meeting. 3. Continue to implement a speaker honorarium and travel expense policy. 4. Handle speaker invitations and arrangements. 5. Arrange program logistics and marketing. 6. Arrange for exhibitors at CoBGRTE events, to include associated fees and support. 7. Plan and implement a CoBGRTE student event at the AARC Annual Meeting. 8. Apply for AARC CEU credits for program offerings. 9.

Provide sufficient advertising and associated announcements regarding all Program Committee offerings.

Board of Directors - Member. (2020). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Board of Directors - Member. (2020). Texas Society for Respiratory Care (TSRC).

Bylaws and Judicial Committee – Member. (2020). Texas Society for Respiratory Care (TSRC).

Government Affairs Committee – Member. (2020). Texas Society for Respiratory Care (TSRC).

Nominations and Elections Committee – **Chair**. (2020). Texas Society for Respiratory Care (TSRC). Charge: To generate a slate of candidates, approved by the Board of Directors, and present the ballot the membership during election years.

Ad Hoc Committee on AS to BS Conversation – Member. (2019). American Association for Respiratory Care (AARC) and Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE) joint effort.

AARC HOD Strategic Objective 3 Committee – Member. (2019). American Association for Respiratory Care (AARC) House of Delegates committee. Goal: Support research and scientific inquiry to strengthen the scientific foundation and promote best practice for patient care.

Policy Manual HOD Committee – Member. (2019). American Association for Respiratory Care (AARC) House of Delegates committee. Goals: 1. Revise the “rationale log” to document reasons for policy/procedure changes. 2. Work with the Progress and Transition Committee to obtain updated Historical Overview of House activities to include in the Delegates Guide. 3. Collaborate with other House committees for any policies or procedures supporting House activities. 4. Change policy that states that the HOD Bylaws committee is a standing committee to saying it will be an ad hoc committee. 5. Work with Scrutinizing committee to determine whether it would make sense to give Historical Overview document to the Scrutinizing committee.

Program Committee – **Chair**. (2019). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE). Charge: 1. Plan and implement a two-hour program for the 2018 Summer Forum to include location, registration fees, refreshments, speakers, and activities. 2. Plan and implement a Round Table Discussion Dinner for the 2018 Summer Forum and Annual Meeting. 3. Continue to implement a speaker honorarium and travel expense policy. 4. Handle speaker invitations and arrangements. 5. Arrange program logistics and marketing. 6. Arrange for exhibitors at CoBGRTE events, to include associated fees and support. 7. Plan and implement a CoBGRTE student event at the AARC Annual Meeting. 8. Apply for AARC CEU credits for program offerings. 9. Provide sufficient advertising and associated announcements regarding all Program Committee offerings.

Board of Directors - Member. (2019). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Board of Directors - Member. (2019). Texas Society for Respiratory Care (TSRC).

Bylaws and Judicial Committee – Member. (2019). Texas Society for Respiratory Care (TSRC).

Government Affairs Committee – Member. (2019). Texas Society for Respiratory Care (TSRC).

Nominations and Elections Committee – **Chair**. (2019). Texas Society for Respiratory Care (TSRC). Charge: To generate a slate of candidates, approved by the Board of Directors, and present the ballot the membership during election years.

Panel Discussion by Allied Health Professional Organizations. Texas Society for Allied Health Professionals. (2019) Legislative Summit. Represented the Texas Society for Respiratory Care.

External Evaluator, (2019, August). College of Health Professions, Bellarmine University. Christy Kane, Promotion to Full Professor.

Program Committee – **Chair**. (2018). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE). Charge: 1. Plan and implement a two-hour program for the 2018 Summer Forum to include location, registration fees, refreshments, speakers, and activities. 2. Plan and implement a Round Table Discussion Dinner for the 2018 Summer Forum and Annual Meeting. 3. Continue to implement a speaker honorarium and travel expense policy. 4. Handle speaker invitations and arrangements. 5. Arrange program logistics and marketing. 6. Arrange for exhibitors at CoBGRTE events, to include associated fees and support. 7. Plan and implement a CoBGRTE student event at the AARC Annual Meeting. 8. Apply for AARC CEU credits for program offerings. 9. Provide sufficient advertising and associated announcements regarding all Program Committee offerings.

Research Committee – Member. (2019). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Senior Delegate. (Jan 2019-Dec 2020). Texas Society for Respiratory Care. The House of Delegates shall serve as a representative body of the general membership and the representative body of the Chartered Affiliates of the Association. It shall participate in the establishment of the goals and objectives for the Association and participate in the governance of the Association. Each Delegate shall: 1) Attend all meetings of the House of Delegates and report the activities to the respective Chartered Affiliate. 2) Attend the Annual Business Meeting of the Association as the representative of the Active Members of the Association within their respective Chartered Affiliate. 3) Furnish the Elections Committee with the names of qualified members for nomination as Director-at-Large. 4) At the direction of their respective Chartered Affiliate, present proposed amendments to

the Bylaws Committee. 5) Perform such other duties of office as may be necessary or required.

Graduate Council – Member. (2019). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE). Charge: 1. Gather and share data that will support development of additional respiratory care graduate programs (e.g. first professional masters, RRT to master's leadership programs, advance practice masters, clinical doctorate). 2. Serve as a means of communication between existing and planned respiratory care graduate programs. 3. Assist with the development of proposals for respiratory care graduate programs. a. Assist current BS programs in the development and offering of entry-to practice first professional masters. b. Assist current baccalaureate programs in the development of advanced practice and leadership masters. 4. Prepare two or more articles about graduate respiratory care education for the Coalition Chronicle.

International Outreach Committee – Member. (2019). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE). Charge: 1. Continue to provide a list of BSRT and MSRT programs located outside of the USA and publish this list on the website. 2. Contact programs outside the US and seek collaboration with CoBGBTE to include encouraging institutional and individual membership. 3. Provide assistance for the development and implementation of baccalaureate and master's degree respiratory care programs located outside of the USA. 4. Prepare two or more articles during the year about international respiratory care for the Coalition Chronicle.

Policy Manual HOD Committee – Member. (2018). American Association for Respiratory Care (AARC) House of Delegates committee. Goals: 1. Revise the “rationale log” to document reasons for policy/procedure changes. 2. Work with the Progress and Transition Committee to obtain updated Historical Overview of House activities to include in the Delegates Guide. 3. Collaborate with other House committees for any policies or procedures supporting House activities. 4. Change policy that states that the HOD Bylaws committee is a standing committee to saying it will be an ad hoc committee. 5. Work with Scrutinizing committee to determine whether it would make sense to give Historical Overview document to the Scrutinizing committee.

Research Committee – Member. (2018). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Graduate Council – Member. (2018). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE). Charge: 1. Gather and share data that will support development of additional respiratory care graduate programs (e.g. first professional masters, RRT to master's leadership programs, advance practice masters, clinical doctorate). 2. Serve as a means of communication between existing and planned respiratory care graduate programs. 3. Assist with the development of proposals for respiratory care graduate programs. a. Assist current BS programs in the development and offering of entry-to practice first professional masters. b. Assist current baccalaureate programs in the development of advanced practice and leadership masters. 4. Prepare two or more articles about graduate respiratory care education for the Coalition Chronicle.

Journal Reviewer. (July 2018). Physical Therapy in Sport. Article Reviewed: The effects of inspiratory muscle training with linear workload devices on the sports performance and cardiopulmonary function of athletes: a systematic review and meta-analysis. Ref: YPTSP_2018_142.

Nominations Committee – **Chair**. (2018). Texas Society for Respiratory Care. Charge: To generate a slate of candidates, approved by the Board of Directors, and present the ballot the membership during election years.

Program Committee – **Chair**. (2018). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE). Charge: 1. Plan and implement a two-hour program for the 2018 Summer Forum to include location, registration fees, refreshments, speakers, and activities. 2. Plan and implement a Round Table Discussion Dinner for the 2018 Summer Forum and Annual Meeting. 3. Continue to implement a speaker honorarium and travel expense policy. 4. Handle speaker invitations and arrangements. 5. Arrange program logistics and marketing. 6. Arrange for exhibitors at CoBGRTE events, to include associated fees and support. 7. Plan and implement a CoBGRTE student event at the AARC Annual Meeting. 8. Apply for AARC CEU credits for program offerings. 9. Provide sufficient advertising and associated announcements regarding all Program Committee offerings.

International Outreach Committee – Member. (2018). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE). Charge: 1. Continue to provide a list of BSRT and MSRT programs located outside of the USA and publish this list on the website. 2. Contact programs outside the US and seek collaboration with CoBGBTE to include encouraging institutional and individual membership. 3. Provide assistance for the development and implementation of baccalaureate and master's degree respiratory care programs located outside of the USA. 4. Prepare two or more articles during the year about international respiratory care for the Coalition Chronicle.

AARC HOD Strategic Objective 3 Committee – Member. (2018). American Association for Respiratory Care (AARC) House of Delegates committee. Goal: Support research and scientific inquiry to strengthen the scientific foundation and promote best practice for patient care.

Policy Manual HOD Committee – Member. (2017). American Association for Respiratory Care (AARC) House of Delegates committee. Goals: 1. Revise the “rationale log” to document reasons for policy/procedure changes. 2. Work with the Progress and Transition Committee to obtain updated Historical Overview of House activities to include in the Delegates Guide. 3. Collaborate with other House committees for any policies or procedures supporting House activities. 4. Change policy that states that the HOD Bylaws committee is a standing committee to saying it will be an ad hoc committee. 5. Work with Scrutinizing committee to determine whether it would make sense to give Historical Overview document to the Scrutinizing committee.

Delegate. (Jan 2017-Dec 2018). Texas Society for Respiratory Care (TSRC). The House of Delegates shall serve as a representative body of the general membership and the representative body of the Chartered Affiliates of the Association. It shall participate in the establishment of the goals and objectives for the Association and participate in the governance of the Association. Each Delegate shall: 1) Attend all meetings of the House of Delegates and report the activities to the respective Chartered Affiliate. 2) Attend the Annual Business Meeting of the Association as the representative of the Active Members of the Association within their respective Chartered Affiliate. 3) Furnish the Elections Committee with the names of qualified members for nomination as Director-at-Large. 4) At the direction of their respective Chartered Affiliate, present proposed amendments to the Bylaws Committee. 5) Perform such other duties of office as may be necessary or required.

Program Committee – Member. (2017). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE). Charge: 1. Plan and implement a two-hour program for the 2018 Summer Forum to include location, registration fees, refreshments, speakers, and activities. 2. Plan and implement a Round Table Discussion Dinner for the 2018 Summer Forum and Annual Meeting. 3. Continue to implement a speaker honorarium and travel expense policy. 4. Handle speaker invitations and arrangements. 5. Arrange program logistics and marketing. 6. Arrange for exhibitors at CoBGRTE events, to include associated fees and support. 7. Plan and implement a CoBGRTE student event at the AARC Annual Meeting. 8. Apply for AARC CEU credits for program offerings. 9. Provide sufficient advertising and associated announcements regarding all Program Committee offerings.

Secretary, 2014-2016. Texas Society for Respiratory Care (TSRC). Responsibilities included: Keep a book of minutes of all meetings of the Society and of the Board of Directors, with the date, time, and place held, whether special or regular, and if special, how authorized and notice thereof and the names of those present at the meetings of the Board of Directors and the proceedings thereof and the names of those present at the annual Meeting and the proceedings, thereof. Give notice of all regular or special meetings, all meetings of the Board of Directors, and the Annual Meeting. Handle the various correspondences that may be required for the transaction of the business of the Society. Be the custodian of the record books of the Society except for the Treasurer’s record books. Keep a current roll of all members of the Society and be prepared to call said roll when necessary. This roll must include category of membership of each member. Keep a current register showing the names and addresses of all members of the Society. Attest the signatures of all officers of the Society. Sign all records, including the minutes of the meetings. Prepare and transmit the annual dues and/or assessment notices. Deliver a copy of the minutes of regular, special and annual business meetings of the Society to the Executive Office Liaison of the Chartered Affiliates Committee of the AARC and the Chairman of the Board of Medical Advisors of the Society.

International Outreach Committee – **Chair**. (2016). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Program Committee, (2016). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Redistricting Committee – **Chair**. (2015-2016). Texas Society for Respiratory Care, Committee Charge: To determine if the society can reshape its regional and district lines to better serve the society its members.

Budget Committee, **Co-Chair**. (2015-2016). Texas Society for Respiratory Care (TSRC). Committee Charge: To develop a budget for the coming year to handle overall society activities and regional/district affairs. Review all financial reports and recommend approval of necessary action to the Board of Directors.

Education Committee, **Co-Chair**. (2015-2016). Texas Society for Respiratory Care (TSRC). Committee Charge: To develop a plan for offering educational activities in a variety of ways, e.g. online, annual convention breakout sessions, that will benefit the society and its members.

ASRT-to-BSRT Committee. (2015). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

International Outreach Committee. (2015). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Program Committee. (2015). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE),

Redistricting Committee – **Chair**. (2014-2015). Texas Society for Respiratory Care, Committee Charge: To determine if the society can reshape its regional and district lines to better serve the society its members.

Budget Committee. **Co-Chair**. (2014-2015). Texas Society for Respiratory Care, Committee Charge: To develop a budget for the coming year to handle overall society activities and regional/district affairs. Review all financial reports and recommend approval of necessary action to the Board of Directors.

Education Committee - **Co-Chair**. (2014-2015). Texas Society for Respiratory Care, Committee Charge: To develop a plan for offering educational activities in a variety of ways, e.g. online, annual convention breakout sessions, that will benefit the society and its members.

ASRT-to-BSRT Committee member. (2014). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

International Outreach Committee. (2014). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Program Committee. (2014). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Symposium Committee: Chris Russian-**Co-Chair/District Director**. Texas Society for Respiratory Care (TSRC). Capital Area District, Summer 2014 Symposium. Location: Seton Medical Center., Kevin Collins Chair. July 18, 2014. Responsibilities included (but not limited to) developing the speaker list and topics, securing the venue for the symposium, creating and distributing all advertising communication, emceeing the event with speaker introductions, recording payments for attending, and distributing continuing education certificates to participants.

Respiratory Care Journal Manuscript Reviewer. 2012 – 2019

Manuscripts Reviewed:

Acute effects of lung expansion maneuvers in comatose subjects with prolonged bed rest. Manuscript ID RC-07535. Year Reviewed 2019.

Respiratory Therapy Administrators' Perceptions of Effective Teaching Characteristics of Clinical Preceptors. Manuscript ID RC-06947.R1. Year Reviewed 2019.

Hand Grip Strength and Associated Factors in Exacerbation of Chronic Obstructive Pulmonary Disease. Manuscript ID RC-05707 Year Reviewed 2017.

Prediction of worsened apnea-hypopnea index in children with untreated obstructive sleep apnea using recursive partitioning algorithm. Manuscript ID RC-04533 Year Reviewed 2016.

Impact of Patient Education on Compliance with Positive Airway Pressure Treatment in Obstructive Sleep Apnea: A Randomized Controlled Trial. Manuscript ID RC-05183. Year Reviewed 2016.

Is endotracheal suctioning really effective? The assessment of blind points on sheep modeling. Manuscript ID RC-04397. Year Reviewed: 2015.

Meaning of sleep related breathing disorders in intensive care medicine. Manuscript ID RC-03919. Year Reviewed: 2015.

Sleep study with a portable monitoring in patients with restricted to no mobility. Manuscript ID RC-03478. Year Reviewed: 2014.

In vitro evaluation of Heat and Moisture Exchangers designed for spontaneous breathing tracheostomized patients. Manuscript ID RC-02405. Year Reviewed: 2013.

An Effective and Novel Design for Aspirating Sputum With a Visual Sputum Suction System: Its Feasibility and Efficiency in a Laboratory Setting. Manuscript ID RC-01982.R3. Year Reviewed: 2013.

Davis, M., Walsh, B. K., Sittig, S., Restrepo, R., D. American Association for Respiratory Care (AARC) Clinical Practice Guideline: *Blood Gas Analysis and Hemoximetry, Update 2013*. **Clinical Practice Guideline Reviewer. (2013, March)**.

ASRT-to-BSRT Committee member. (2013). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

International Outreach Committee. (2013). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Continuing Education Program Committee. (2013). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

Capital District Director/President. (2011-2012). Texas Society for Respiratory Care, Responsibilities include (but are not limited to) developing a budget for the district activities, recruitment and retention of district members, holding an annual educational seminar, generating revenue for the district's region.

ASRT-to-BSRT Committee member. (2012). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE).

International Outreach Committee. (2012). Coalition for Baccalaureate and Graduate Respiratory Therapy Education (COBGRTE),

Symposium Committee: Chris Russian-**Co-Chair/President**. Capital Area District, Winter 2010 Symposium. Texas Society for Respiratory Care (TSRC). Location: Dell Children's Medical Center. Responsibilities included (but not limited to) developing the speaker list and topics, securing the venue for the symposium, creating and distributing all advertising communication, emceeing the event with speaker introductions, recording payments for attending, and distributing continuing education certificates to participants.

Russian, C. J. (September, 2011). Registered Pulmonary Function Technologist (RPFT) Exam Item Writer. Applied Measurement Professionals/National Board for Respiratory Care. (Items are peer reviewed prior to acceptance and distribution to a national audience.)

Russian, C. J. (May, 2010). Certified Respiratory Therapist Exam Item Writer. Applied Measurement Professionals/National Board for Respiratory Care. (Items are peer reviewed prior to acceptance and distribution to a national audience.)

Capital District President. (2010-2011). Texas Society for Respiratory Care (TSRC). Responsibilities include (but are not limited to) developing a budget for the district

activities, recruitment and retention of district members, holding an annual educational seminar, generating revenue for the district's region.

Whitaker, K. (January 2009). Comprehensive Perinatal and Pediatric Respiratory Care (4th Edition). Cwngage Learning. **Content Expert Book Review.** This is one of the few Neonatal/Pediatric textbooks for respiratory care.

Capital District President. (2009-2010). Texas Society for Respiratory Care (TSRC). Responsibilities include (but are not limited to) developing a budget for the district activities, recruitment and retention of district members, holding an annual educational seminar, generating revenue for the district's region.

Cairo, J. M. & Pilbeam, S. (February 2009). Mosby's Respiratory Care Equipment (8th Edition). Elsevier. **Content Expert Book Review.** This is highly regarded respiratory care equipment textbook. Evaluated multiple chapters for the 8th edition.

Capital District Director/President. (2008-2009). Texas Society for Respiratory Care (TSRC). Responsibilities include (but are not limited to) developing a budget for the district activities, recruitment and retention of district members, holding an annual educational seminar, generating revenue for the district's region.

White, G.C. (Spring 2008). Basic Clinical Laboratory Competencies for Respiratory Care (5th Edition). Cengage Learning. **Content Expert Book Review.**

Capital District President. (2007-2008). Texas Society for Respiratory Care (TSRC). Responsibilities include (but are not limited to) developing a budget for the district activities, recruitment and retention of district members, holding an annual educational seminar, generating revenue for the district's region.

Davis, S. D., Johnson, R. C., Fluck, R., Kisling, J., Meyers, T. American Association for Respiratory Care (AARC) Clinical Practice Guideline: *Infant/Toddler Pulmonary Function Tests*. **Clinical Practice Guideline Reviewer. (Completed/Submitted Dec. 2007).**

Capital District Director/President. (2006-2007). Texas Society for Respiratory Care. Responsibilities include (but are not limited to) developing a budget for the district activities, recruitment and retention of district members, holding an annual educational seminar, generating revenue for the district's region.

Symposium Committee: Chris Russian-Chair/President. Capital Area District, (Fall 2007) Symposium. Texas Society for Respiratory Care. Location: Seton Medical Center. Matt Schmid-Treasurer, and Joe Russian-Secretary. November 30, 2007. Responsibilities included (but not limited to) developing the speaker list and topics, securing the venue for the symposium, creating and distributing all advertising communication, emceeing the event with speaker introductions, recording payments for attending, and distributing continuing education certificates to participants.

Capital District Director/President. (2005-2006). Texas Society for Respiratory Care (TSRC). Responsibilities include (but are not limited to) developing a budget for the district activities, recruitment and retention of district members, holding an annual educational seminar, generating revenue for the district's region.

Capital District Director/President, 2004-2005. Texas Society for Respiratory Care (TSRC). Responsibilities include (but are not limited to) developing a budget for the district activities, recruitment and retention of district members, holding an annual educational seminar, generating revenue for the district's region.

Texas Society for Respiratory Care, District Presidents Meeting, January, 2004.

Texas Society for Respiratory Care, Capital District Meeting, December 2003.

Texas Society for Respiratory Care, Capital District President, 2003-2004. Responsibilities include (but are not limited to) developing a budget for the district activities, recruitment and retention of district members, holding an annual educational seminar, generating revenue for the district's region.

Respiratory Care Consortium member. (2004). Texas State-Hendrick Medical Center-Cisco Junior College

Respiratory Care Student Association, Faculty Advisor, 2003-2009

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

AARC Continuing Care/Rehabilitation Section, member 2017-present

AARC Education Section, member 2015-present

AARC Adult Critical Care section, member 2015-present

AARC Sleep Section, member 2015-2016

AARC Neonatal/Pediatric Section, member 2015-present

Texas Society for Respiratory Care, member. (2000). The TSRC is the state society for Respiratory Therapists.

National Board for Respiratory Care, member. (1999). The NBRC is the national organization Committee Charged with writing and disseminating credentialing board exams for Respiratory Therapists.

Adjunct Faculty. (2000). California College for Health Sciences, Respiratory Care Department

Asthma Camp Counselor for American Lung Association, 1993, 1994

C. Community

Cystic Fibrosis Foundation, Great Strides, Austin, TX, June 2015

Cystic Fibrosis Foundation, Great Strides, Austin, TX, June 2014

American Lung Association (ALA) Blow the Whistle on Asthma Walk, Austin, TX, Team Captain, Spring 2008

American Lung Association (ALA) Blow the Whistle on Asthma Walk, Austin, TX, Team Captain, Spring 2007

American Lung Association (ALA) Blow the Whistle on Asthma Walk, Austin, TX, Team Captain, Spring 2006

American Lung Association (ALA) Blow the Whistle on Asthma Walk, Austin, TX, Team Captain, Spring 2005

American Lung Association (ALA) Blow the Whistle on Asthma Walk, Austin, TX, Team Captain, Spring 2004

American Lung Association (ALA) Blow the Whistle on Asthma Walk, Austin, TX, Team Captain, Spring 2003.

D. Service Honors and Awards

Fellow, American Association for Respiratory Care (FAARC). November 9, 2019.

College Achievement Award for Excellence in Service, College of Health Professions, 2018.

Excellence in Service Award – Award at the Professor level. College of Health Professions, 2017.

Honorary Member, Lambda Beta National Honor Society, 2008-

E. Service Grants and Contracts

1. Funded External Service Grants and Contracts:

None

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

None

3. Funded Internal Service Grants and Contracts:

None

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

None