Spotlight Article:
Kristen L. McHenry MS, RRT-ACCS
Director, Cardiopulmonary Science Program
Assistant Professor - Department of
Allied Health Sciences, College of Clinical
and Rehabilitative Health Sciences

Overview

The Cardiopulmonary Science Program at East Tennessee State University is housed within the College of Clinical and Rehabilitative Health Sciences (CCRHS) along with other health care programs including: Dental Hygiene, Imaging Sciences (Radiography, CT, MRI), Nutrition, Speech Language Pathology, Physical Therapy, and Audiology. The Allied Health department also offers an online BS degree in Allied Health Leadership and an online MS in Allied Health Leadership for credentialed practitioners who are seeking to advance their education. The majority of the students in the online programs are able to continue working in their respective fields while pursuing those advanced degrees.

ETSU is led by the President, Dr. Brian Noland, and the Dean of the CCRHS, Dr. Don Samples. The Cardiopulmonary Science faculty is privileged to have the dean of the college as part of the program’s faculty. This program awards a Bachelor of Science degree in Allied Health (BSAH) with a concentration in Cardiopulmonary Science. ETSU has one of only three BS level Respiratory Therapy degrees available in the state of Tennessee that is accredited by the Commission on Accreditation for Respiratory Care (CoARC). ETSU is comprised of four ground campuses and the Nave Center in Elizabethton, Tennessee is the ground site for Cardiopulmonary Science, Imaging Sciences, and the online BS/MS programs.

Mission and Vision

The vision for ETSU’s College of Clinical and Rehabilitative Health Sciences is to “be an essential source of leaders, educators, expert practitioners and researchers in the clinical and rehabilitative health sciences”. Our mission is to “foster innovative collaborations that support learning, scholarship and service, and that meet the clinical and rehabilitative health needs of our patients, clients, and communities” (http://www.etsu.edu/crhs/about/vision.aspx). The program’s goal is to prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains of respiratory care practice as performed by registered respiratory therapists. The college
motto is “Dedicated to Education, Committed to Health Care”. We do not take those words lightly. Our graduates represent the university, the college, and the program from which they progressed.

History
Cardiopulmonary Science at ETSU began as a certificate program in 1977 and then transitioned into an Associate’s degree in 1994. In 2002, the program became what it is now, a Bachelor of Science degree. In 2007, ETSU’s Cardiopulmonary Science program was presented the CoARC Award for Excellence in Respiratory Therapy Education. We consider this a high honor and the standard that we continually try to meet. The program was reaccredited in 2009 by the Commission on Accreditation for Respiratory Care. The program has graduated over 500 competent and well-trained Respiratory Care Practitioners since its conception 37 years ago that serve not only East Tennessee, but much of the United States. The program accepts 20 students each year per cohort. We currently have 13 clinical affiliates for which both junior and senior students rotate through weekly. We are fortunate to have tremendous community support.

Curriculum
The current curriculum consists of didactic, laboratory, and clinical internship courses- all designed to fully prepare the graduate RT to enter their field of study. Students complete over 1,000 hours of clinical training over four semesters, though the entire program is spread over five semesters total.

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<th>ETSU CPSC Curriculum</th>
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<tr>
<td><strong>Semester &amp; Course #</strong></td>
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<tr>
<td><strong>First semester- Fall</strong></td>
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<td>CPSC 3000</td>
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<td>ALHE 4100</td>
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<td><strong>Third semester- Summer</strong></td>
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<td>CPSC 3140</td>
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<td>CPSC 3350</td>
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<td><strong>Fourth semester- Fall</strong></td>
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<td>ALHE 4070</td>
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<td>ALHE 4200</td>
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The 120 credit hours needed to graduate with this degree include courses from the general education core, allied health core, and cardiopulmonary science core. Some of the courses are completely online while others are web-enhanced/hybrid with synchronous face-to-face meetings. Students must also meet ETSU intensive course requirements in technology, oral, and writing areas in order to fulfill graduation requirements. All graduates must pass a national credentialing board exam in order to work as a Respiratory Therapist and obtain state licensure. Applicants must meet certain admission requirements before acceptance into the program is permitted including having a GPA of 2.5 or better or a 4.0 scale, completing all prerequisite courses with a C or better (Anatomy & Physiology 1& 2, Chemistry, Physics, Microbiology, Probability & Statistics, Introduction to Allied Health, and Patient Care & Assessment), and meeting specific health and technical standards of the profession. Due to the number of applicants each year, the admission criteria are highly selective and placement can be quite competitive.

**Scholarship**

Cardiopulmonary Science has one program specific scholarship to offer a student that is in his or her fifth and final semester in the program. The scholarship is named the Sam D. and Jonelle M. Coffey Scholarship Endowment and comes in the form of a $500 award. The winner of this award typically demonstrates potential to be a strong leader in the respiratory career field. However, this could also be granted to someone with documented financial need. The scholarship is merit-based and the student must have good academic standing within the program. The scholarship can be used to help cover tuition in the final semester or cover the costs of national credentialing exams after graduation.

**Interprofessional Education**

Cardiopulmonary Science faculty at ETSU values the lessons that can be learned from introducing other allied health care professions into the current Respiratory Therapy curriculum. Starting in 2013, Respiratory Therapy and Imaging Sciences (Radiography) partnered up to offer IPE to its students. The first event was a success and another IPE day with the same group of students will be held in September of 2014. We will use what we learn from the experiences with the first cohort to improve our practices moving forward. We hope to broaden our students’ learning by incorporating other medical profession students from around the university. We believe Interprofessional activities help to better prepare our graduates for independent clinical practice and promote effective collaboration among professions.
Simulation

Respiratory Therapy students have access to a Patient Simulator Lab which is housed at the Center for Experiential Learning on the campus of the Quillen College of Medicine. The Patient Simulated Lab (PSL) caters to all levels of health care providers, from BS RTs to Medical Doctors. The simulators are computer operated and can mimic almost any medical condition. The lab also provides audio and visual recording to assist during post-simulation feedback. Staff at the PSL believes “proper preparation and application of learned knowledge on simulated mannequins provides the necessary skills and confidence needed to transfer to a real-world hospital setting” (http://www.etsu.edu/com/simlab/). Students frequently say that what they experienced during simulation has had a direct impact on their overall learning while in the CPSC program. Students frequent this facility during their senior year.

Student Association for Respiratory Care

The Student Association for Respiratory Care allows for anyone interested in the Cardiopulmonary Science field to meet other students pursuing the same interest and to gain knowledge about the program. This student led and faculty advised organization coordinates events that help increase Respiratory Therapy profession awareness on and off campus. Since the majority of members are already RT students, they also serve the community by participating in community education. As a fundraiser, the SARC will be hosting a 5k on Saturday October 11 at the Veteran’s Affairs Mountain Home Hospital in Johnson City, Tennessee at 10 am. The cost of the event is $10 and if pre-registered, all runners/walkers will receive a t-shirt. A portion of the proceeds will be donated to the local chapter of the American Lung Association as a way of saying thanks for all they do regarding promoting lung health and preventing lung disease. The Lung Run 5k details can be found on http://runtricities.org/.

East Tennessee State University
Class of 2015
ASRT to BSRT Bridge Program (Online)

The Bachelor of Science Bridge Program in Allied Health with a concentration in Cardiopulmonary Science is designed to offer students with an Associate of Applied Science (A.A.S.) degree in Cardiopulmonary Science the opportunity to obtain a baccalaureate degree by using more of their A.A.S. hours than normally transfer to a four-year institution. Traditionally, A.A.S. graduates find that many of their allied health credit hours do not transfer to a four-year institution. This concentration allows A.A.S. graduates the opportunity to receive undergraduate credit for allied health professional courses completed at a community college. This concentration will build upon their existing knowledge to enhance their skills in communications, critical thinking, problem solving, research, and leadership theories. In addition, the concentration will equip graduates with entry-level management, group dynamics, and supervisory skills as they relate to the allied health disciplines. Successful completion of the concentration will increase the mobility of graduates into leadership positions in their respective professions. For more information, please visit http://www.etsu.edu/crhs/alliedhealth/cpsc/onlinedegree.aspx.

Program Faculty Members

Kristen McHenry MS, RRT-ACCS - Cardiopulmonary Science Program Director. Kristen began her career in Respiratory Therapy after graduating from East Tennessee State University’s Cardiopulmonary Science program with a Bachelor of Science degree in Allied Health in 2005. She immediately began working as a Registered Respiratory Therapist in a RT protocol driven hospital department. Her main focus of interest was working in the adult critical care population, but also served as a relief supervisor on occasion to meet departmental needs. In 2008, she began working as adjunct faculty for ETSU’s CPSC program as a local Clinical Instructor. This is when her desire to teach surfaced. Kristen began graduate school and was awarded a Masters in Allied Health degree with a concentration in Education in 2013. In June 2013, she accepted an offer for a full-time Assistant Professor position in the department of Allied Health and Cardiopulmonary Science. In January of 2014, she began as Program Director of the Cardiopulmonary Science program. Kristen serves on many committees throughout the university and department and is an active member of the AARC and CoBGRTE. She is an expert review board member for the Internet Journal of Allied Health Sciences and Practice. Kristen received the Outstanding State Contributor Award from the Tennessee Society for Respiratory Care (TSRC) for the year 2014. This was a result of her service to the organization and fundraising attempts. She is currently a doctoral candidate in the Educational Leadership and Policy Analysis (ELPA) program at East Tennessee State University with a concentration in the post-secondary education sector. She resides in Bluff City, Tennessee with her husband and son.

Roy Redman MS, RRT - Director of Clinical Education. Mr. Redman is an assistant professor in the Department of Allied Health and Director of Clinical Education (DCE) for the Cardiopulmonary Science program. He has held this position since 2009. He came to East Tennessee from the mid-west. Mr. Redman has an A.A.S degree in Allied Health/Respiratory Care and a BA and MS in Healthcare Administration attending Ottawa University in Kansas and Cardinal Stritch College in Milwaukee. Mr. Redman has served in several administrative roles including Director of Cardiopulmonary services at two hospitals and a
Jim Tolbert MS, RRT, RPFT, RN. Mr. Jim Tolbert is an assistant professor in the Cardiopulmonary Program at East Tennessee State University. He received his A.S. degree in Respiratory Therapy in 1984 from Santa Fe Community College in Gainesville, FL and subsequently worked as a shift supervisor at Bluefield Regional Medical Center in Bluefield, WV. After his eight-year career as a supervisor there, Mr. Tolbert decided it was time for a change of scenery and began teaching in the Respiratory Care Program at Southwest Virginia Community College in Richlands, VA. After nearly 22 years at Southwest Virginia Community College he began teaching at ETSU in 2013 and now resides in Elizabethton, TN.

Jeff R Farrow MD FCCP-Cardiopulmonary Science Medical. Dr. Jeff Farrow is an active staff physician at three of Mountain States Health Alliance's busiest hospitals practicing pulmonary and critical care medicine. He maintains Associate Professor of Medicine status with the Quillen College of Medicine and is Medical Director for the Respiratory Therapy program at ETSU. He has been co-chair of the areas busiest medical ethics service at JCMC since its inception in 1995. He is current chair of the charitable access for the indigent known as Appalachian Mountain Project Access. He has practiced in Washington and Carter County as a pulmonary and critical care physician for nearly 25 years and been active Medical Director for Critical Services at JCMC, the only 24/7 intensivist service in a wide region of four states. He is a past recipient of the Servants Heart Award in 2006 from MSHA and the Milligan College Leader's in Christian Service also 2006. He comes to east Tennessee from New Mexico and began his training at Baylor University followed by Medical School at University of New Mexico. He trained in Internal Medicine and Pulmonary Medicine at the University Of Louisville College Of Medicine before beginning his private practice in Johnson City in 1990. He has served on the MSHA Board of Directors almost continuously since 1999. Dr. Farrow and his wife Cheryl own and manage an active farm in Jonesborough and enjoy outdoor work and activities. They have two married sons whom they visit frequently.

Don Samples, EdD, RRT, RPSGT – Dean, College of Clinical and Rehabilitative Health Sciences. Dr. Samples has worked in the field of respiratory care for 31 years. He began his career as a neonatal-pediatric respiratory therapist at the Johnson City Medical Center, in Johnson City, Tennessee. At the end of his clinical practice, he worked at Vanderbilt University Medical Center as the NICU supervisor. His clinical practice included assisting in the establishment of the first extracorporeal membrane oxygenation (ECMO) program in the state of Tennessee. In 1990, Dr. Samples started at East Tennessee State University (ETSU) as the Cardiopulmonary Science program’s director of clinical education. During the past 24 years in academia, Dr. Samples has served as the Cardiopulmonary Science program director, Chairman of the Department of Allied Health Sciences, Associate Dean, and
Currently the Dean of the College of Clinical and Rehabilitative Health Sciences, Dr. Samples completed a Doctorate of Education in Higher Education Administration at ETSU. He has a diverse experience in curriculum development at ETSU that includes the development of the Bachelors of Science degrees in Cardiopulmonary Science and Allied Health Leadership, a Master of Science degree in Allied Health, and the nation’s first online Polysomnography program that was accredited. Dr. Samples serves as an accreditation site visitor for the Commission on Accreditation for Respiratory Care and the Committee on Accreditation for Polysomnographic Technologist Education. He is currently the Vice President/Chair Elect for the Committee on Accreditation for Polysomnographic Technologist Education. Dr. Samples received the Outstanding State Contributor Award from the Tennessee Society for Respiratory Care (TSRC) for the years 2007 and 2008.

Program Website

If you would like to know more about the Cardiopulmonary Science/Respiratory Therapy at East Tennessee State University, please visit our website at http://www.etsu.edu/crhs/alliedhealth/cpsc/.

University of Texas Medical Branch at Galveston

RT Class of 2014 Graduates & Faculty with RRT Hats

Department Chair Dr. Jon Nilsestuen was selected by students to carry the Mace and donned his RRT hat leading the procession from the stage.
The Journey to an RRT License Minimum in California

Even before the American Association for Respiratory Care (AARC) began its landmark meetings1-3 “Respiratory Care 2015 and Beyond,” members of the California Society for Respiratory Care (CSRC) were actively engaged in a dialog centered on advancing our profession in California. Although, the AARC’s initiative seemed intangible and out of reach for the average RCP in California, the CSRC Board of Directors knew they had to take the initiative.

In early 2004, the CSRC Board of Directors took action and presented Stephanie Nunez, California Respiratory Care Board (RCB) Executive Director with a request that the RCB “consider or change the entry-level examination from the CRT to the RRT.” It was felt that increasing the National Board for Respiratory Care (NBRC) credential from the Certified Respiratory Technician (CRT) credential to the Registered Respiratory Therapist (RRT) credential as a California license minimum would ultimately lead to higher quality respiratory care for California patients and also advance the respiratory care profession in California. The request was subsequently presented to the RCB at its June 24, 2004 meeting at which the request was discussed further by board members, staff and the RCB also received public comments on the topic.

On September 10, 2005, the CSRC Board of Directors also voted unanimously to establish an Advanced Practice Commission (APC). The APC was chaired by Jeffery Espinoza with Bob Bence and Tom Wagner as members of this small working committee. The charge for APS was simple:

1) Make the RRT credential required to practice respiratory care in the State of California.
2) Initiate and explore the feasibility of working towards the establishment of an advance practice credential and license for RCPs who wish to advance their career in critical care science and practice.
3) Reach out to and open a dialog with the RCB on how best to press for their development in implementation in California.

The commission produced its first call to action in the form of a CSRC white paper on advancement of our profession. The CSRC Whitepaper was adopted and published on December 11, 2006.4 In this very important first step, the CSRC first called for an RRT license minimum in California. Jeffery, Bob and Tom produced a well written document which serves as the CSRC’s roadmap to advancement.

Over the following years, the CSRC and RCB in partnership, studied the issue and deliberated to draft and propose legislative initiatives to effect this change. In 2007, the RCB published its comprehensive Respiratory Care in California Workforce Report. The report highlighted the dynamics involved across California such as the CRT/RRT mix among practitioners. This report gave the facts and figures necessary to fully understand the RCP workforce in California. In particular, a small majority of educators (54%) supported RRT as the CA minimum license entry credential. However at the same time, less than a majority of surveyed employers (45%) were in favor. There was also stronger support in the survey for mandating a time line for RCPs to progress from the CRT to RRT credential within a time period such as 3 years after entry. During this time and in preparation for an upcoming Committee on Accreditation for Respiratory
Care (CoARC) mandate (December 31, 2012), many California RT Schools were opting to close out their CRT programs in favor of the more comprehensive RRT programs.

At its May 10, 2011 meeting of the RCB, a report titled “Consideration to Require Passage of the RRT Examination as part of State Licensure” prepared April 19, 2011 was reviewed. This comprehensive report compiled by Stephanie Nunez and the RCB staff outlined the various steps and potential consequences of making this shift. It was recommended that the RCB continue to consider the issues presented and revisit the topic at each RCB meeting. The AARC and the NBRC were invited to send representatives to the February 10, 2012 meeting and discuss aspects of the AARC’s 2015 and Beyond Recommendations, including the RRT as the minimum entry credential for licensure in California.

The NBRC representatives presented the new CRT and RRT exam system. Scheduled to begin in January 2015, the new “Therapist Multiple Choice Exam” replaces the current two multiple choice exams (Entry Level Exam and Written Registry Exam). Two levels of passing score thresholds have been established for the new multiple choice exam which determine if a candidate will receive the CRT credential only or will also be allowed to progress to the Clinical Simulation Exam. Upon successful completion of both exams a candidate would then be awarded the NBRC’s RRT credential and subsequently would qualify to apply for a Respiratory Care Practitioner (RCP) license in California.

In early 2013, the CSRC updated its Professional Advancement white paper and adopted a formal companion CSRC Position Paper. At the RCB’s February 1, 2013 meeting, Donna Murphy (CSRC President), Russell McCord and Robby Nijjar (CSRC Government Affairs Committee), Ricardo Guzman (CSRC Education Committee), Abbie Rosenberg (CSRC Executive Director) and other members of the CSRC Board of Directors testified on behalf of the CSRC advocating in favor of establishing the RRT exam as the minimum exam requirement for licensure in California. At that same meeting, the RCB passed a motion “that the Respiratory Care Board recognize the RRT examination as the minimum requirement for licensure for new candidates and to investigate the timeline for implementation.”

During its May 6, 2013 meeting the RCB passed a motion to accept the proposed transition plan presented by the RCB staff and move forward with a January 1, 2015 date for implementation. This authorized RCB staff to initiate the License Act Amendment Process and at the RCB’s November 15th, 2013 meeting a draft of the language was presented. In February 2014, Assemblyman Brian Jones (R) Santee, CA, agreed to formally sponsor this legislative initiative in the form of Assembly Bill 1972 (AB 1972).

Robby Nijjar again testified on behalf of the CSRC before the Assembly Business and Professions Committee. Stephanie Nunez (RCB Executive Director) and a representative of the California Hospital Association also testified in support of AB 1972. The Assembly Business Professions Committee then voted 9-0 to advance AB 1972 to the Assembly Appropriations Committee. On May 12, 2014, Robby Nijjar and Michael Madison (CSRC President) with the help of the CSRC’s Legislative Advocacy firm (Aaron Read & Associates) lobbied in favor of AB 1972 on Capitol Hill in Sacramento. AB 1972 received continuing favorable votes and was signed into law on July 23, 2014 by Governor Jerry Brown.
### AB 1972 Voting History

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<td>Assembly Appropriations Committee</td>
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<td>Assembly Floor Vote</td>
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<tr>
<td>Senate Business and Professions Committee</td>
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<td>Senate Floor Vote</td>
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<tr>
<td>Governor Brown Signed AB 1972 into law</td>
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AB 1972 will become effective on January 1, 2015 and will require that any new RCP applicant in California successfully pass the NBRC’s RRT examination.7

Assembly Bill 1972 was the culmination of many years of hard work to help ensure higher quality respiratory care for California patients and effect positive change in our profession. It is also a prime example of how RCPs do not need to wait to work for the advancement of their profession. Along with the California RCB, the CSRC studied, developed, charted a course of action and executed a plan for advancing our profession in California. The CSRC will continue to strive to advance our profession both here in California and across our nation. Advancing our profession is the CSRC’s most serious charge and the key to the advancement and survival of our profession in California and across the United States of America.

### Authors

Michael Madison, MBA, RRT, RCP  
President, California Society for Respiratory Care

Charles B Spearman, MSEd, RRT, RCP, FAARC  
Past President, Respiratory Care Board of California  
Assistant Professor, Department of Cardiopulmonary Sciences  
School Allied Health Professions, Loma Linda University

Abbie Rosenberg, RRT, RCP  
Executive Director, California Society for Respiratory Care

### REFERENCES


Why I’m a CoBGRTE Member

By Christy Kane, PhD, RRT-NPS
Department Chair & Program Director
Respiratory Therapy Program
Bellarmine University

CoBGRTE has provided an opportunity for me to learn from some of the best educators in the nation. I enjoy collaborating with colleagues from coast to coast. Each month I look forward to reading The Coalition Chronicle to see what’s happening in the RT profession. In particular, I’ve paid close attention to developments regarding CoARC’s removal of Policy 13, something that has greatly benefited my students over the past 12 years. In addition, I love reading about how other programs embrace the challenges and opportunities of educating the future RT workforce.

As a CoBGRTE member, I have also enjoyed attending the CoBGRTE membership and educational meetings (held in conjunction with the AARC Summer Forum and International Congress). This year’s meeting (held with Summer Forum) provided updates about the development of advanced practice programs, associate degree to bachelor’s degree bridge programs, and graduate programs. I always leave the CoBGRTE programs energized and enthusiastic about our profession.

My CoBGRTE connections have been invaluable to me. CoBGRTE provides me with a group of individuals who confront many of the same challenges. It also provides a wonderful group to share our triumphs!
Director Election Scheduled for October

By Tim Op’t Holt, EdD, RRT, AE-C
Chair, CoBGRTE Elections Committee

Six CoBGRTE members are on the ballot for election to the Board of Directors to fill four positions with a term of 2015 to 2019. CoBGRTE active members are eligible to vote in the election and will be sent a link to the online election ballot during the first week of October. The election ballot must be completed by October 31, 2014. A biography and photographs of each candidate were published in the August issue of The Coalition Chronicle. Members on the October Election Ballot are:

- **Paul Eberle, PhD, RRT, FAARC**, Professor and Chair, Department of Respiratory Therapy, Dr. Ezekiel R. Dumke College of Health Professions, Weber State University, Ogden, Utah.
- **Jennifer Gresham, EdD, RRT-NPS**, Assistant Professor and Chair, Department of Respiratory Care, Midwestern State University, Wichita Falls, Texas.
- **Jon Nilsestuen, PhD, RRT, FAARC**, Professor and Chairman Emeritus, Department of Respiratory Care, University of Texas Medical Branch, Galveston, Texas.
- **José D Rojas, PhD, RRT**, Associate Professor and Chairman, Department of Respiratory Care, University of Texas Medical Branch, Galveston, Texas.
- **Arthur A. Taft, PhD, RRT, FAARC**, Associate Professor and Interim Chairman, Department of Clinical & Environmental Health Sciences, Georgia Regents University, Augusta, Georgia.
- **John Zamjahn, PhD, RRT, RPFT**, Associate Professor of Clinical Cardiopulmonary Science and Program Director of Respiratory Therapy, Department of Cardiopulmonary Science at LSU Health Sciences Center (LSUHSC), New Orleans.

Check out:

- New professional opportunities! Several new postings for open faculty member positions and hospital RT department staff and leadership positions have recently been posted at:
  
  [http://www.cobgrte.org/professionalpositions.html](http://www.cobgrte.org/professionalpositions.html)

- Recently released CoBGRTE List of ASRT to BSRT Bridge Programs at:
  
  [http://www.cobgrte.org/asrttpbsrtbridge.html](http://www.cobgrte.org/asrttpbsrtbridge.html)
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NEW RESOURCES AVAILABLE NOVEMBER 2014

**Respiratory Care: Patient Assessment and Care Plan Development**
David C. Shelly, PhD, RRT, RPFT, FAARC, FASAHP
Jay L. Peters, MD
Hardcover with Navigate 2 Advantage Access
630 pages • © 2016

*Respiratory Care: Patient Assessment and Care Plan Development* describes the purpose of patient assessment and then guides students through the process of reviewing existing data in the medical record, conducting the patient interview, performing the physical assessment, and finally evaluating the diagnostic studies needed and implementing a respiratory care plan. Bridging the gap between patient assessment and treatment, the reader will learn how to apply critical diagnostic thinking and assessment skills to the development and implementation of appropriate, evidence-based respiratory care plans.

- Covers content needed to pass the NBRC entry level and advanced respiratory care examinations
- Clinical Focus: Clinical case studies offer opportunities for critical thinking and application of essential concepts to real-world scenarios
- RC Insights: These tips provide the clinician with useful information on patient assessment and management

**Equipment for Respiratory Care**
Teresa A. Yelska, MHHS, RRT, FAARC
Robert L. Chatburn, MHHS, RRT-NPS, FAARC
Mohamad F. El-Khatib, MS, PhD
Hardcover with Navigate 2 Advantage Access
730 pages • © 2016

*Equipment for Respiratory Care* is changing the paradigm of historic respiratory care equipment books. Focusing on the principles of the equipment and then concluding with in-depth discussion, case-based critical thinking modules, and practical solutions to complex problems, this focus on the clinical application of patient care enhances key critical thinking skills with illustrations from the user’s point of view and clear explanations of the features of the equipment as well as the way it functions.

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Interested in writing or reviewing? Contact our Publisher, Cathy Espositi, at cespositi@jblearning.com
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Shenandoah University
Middle Georgia State College
York College of Pennsylvania
University of Alabama at Birmingham
Respiratory Care Board of California
Texas Southern University
St. Catherine University
Armstrong Atlantic State University
Cincinnati Children’s Hospital Medical Center
East Tennessee State University
University of Virginia Medical Center
University of Dammam
Seattle Central College
Florida Southwestern State College
Utah Society for Respiratory Care
Intermountain Healthcare

Reminder: CoBGRTE Institutional Members receive free postings for open faculty member positions or hospital RT department staff and leadership positions at: http://www.cobgrte.org/professionalpositions.html
If you haven’t already decided to become a CoBGRTE member after visiting www.cobgrte.org, the following are 10 reasons why you should join the coalition.

Ten Reasons Why You Should Become a CoBGRTE Member

1. Award scholarships to baccalaureate and graduate respiratory therapy students.
2. Assist in the development of ASRT to BSRT Bridge Programs.
3. Collectively work towards the day when all respiratory therapists enter the profession with a baccalaureate or graduate degree in respiratory care.
4. Support a national association, representing the 55 colleges/universities awarding baccalaureate and graduate degrees in respiratory care, to move forward the recommendations of the third 2015 conference.
5. Help start new baccalaureate and graduate RT programs thus leading to a higher quality of respiratory therapist entering the workforce.
6. Work to change the image of the RT profession from technical-vocational-associate degree education to professional education at the baccalaureate and graduate degree level.
7. Join colleagues to collectively develop standards for baccalaureate and graduate respiratory therapist education.
8. Develop public relations programs to make potential students aware of baccalaureate and graduate respiratory therapist programs.
9. Help to publicize, among department directors/managers, the differences between respiratory therapists with associate, baccalaureate and graduate degrees.
10. Help to support maintaining a roster and web site for all baccalaureate and graduate respiratory therapist programs.

Become a CoBGRTE member by completing the application on the Membership Page: http://www.cobgrte.org/membership.html

"Dedicated to Improving Respiratory Therapy Education"

www.cobgrte.org

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