



2019-2020 Accomplishments

Airways Disorders

1. Submitted twice as many session proposals for annual meeting as last year.
2. The NetWork had a record number of applications for steering committee positions.
3. Increased presence on Twitter and use of NetWork hashtag.

Cardiovascular Medicine and Surgery

1. The NetWork had 18 applications for steering committee positions.
2. Increased social media efforts.
3. Steering committee has encouraged engagement of NetWork members who join the quarterly calls.

Chest Infections

1. COVID-19 Taskforce: The Chest Infections NetWork Chair and Co-Chair have been part of the COVID-19 Task Force activities (eg, webinars, educational materials, etc).
2. Created chest infections-related educational sheets (eg, fungal diseases and bronchiectasis).
3. Crafted chest infections-related social media posts and printed media information regarding different topics including COVID-19 and emerging fungal infections.

Clinical Pulmonary Medicine

1. Submitted e-learning topics for the Innovation Subcommittee.
2. Participating in updating the CHEST Tobacco Cessation Toolkit and creating a Tobacco Cessation video game.
3. Submitted 37 sessions for annual meeting and reviewed abstracts for the CHEST meeting.

Clinical Research and Quality Improvement

1. Fellow-in-Training was very involved and engaged. Fellow wrote a *CHEST Physician* article and is a panelist for NetWork Featured Lecture at CHEST 2020.
2. Members are actively involved in CHEST activities. Our NetWork Steering Committee submitted several sessions for CHEST 2020, graded annual meeting sessions, and graded CHEST abstracts.
3. NetWork continues to see large number of highly qualified applicants for its steering committee positions.

Critical Care

1. Submitted 178 critical care sessions (up from 163 last year) with 46 sessions accepted for presentation at CHEST (pre-COVID). Post-COVID, adapted 22 of these sessions for live virtual sessions, and 24 for prerecorded content.
2. Launched successful web & multimedia year-round educational pilot with Twitter account, infographics, & interviews/podcasts.
3. Participated in CHEST COVID-19 Task Force, which has sponsored weekly webinars, regularly published education blogs, Voices From the Community resources, and has produced educational infographics.

4. Published article in *CHEST Physician* and reviewed guidelines and proposals from inside and outside CHEST.

Disaster Response and Global Health

1. The NetWork has been at the forefront of the COVID-19 response.
2. It has worked to incorporate the global aspect of the NetWork through Twitter, COVID-19 Task Force, etc.
3. We had far more applicants for steering committee positions than openings—41 applications for 4 positions.

Home-Based Mechanical Ventilation and Neuromuscular Disease

1. Selected Margaret Pfrommer Endowed Memorial Lecture in Home-based Mechanical Ventilation recipient.
2. Developed patient information titled, "Noninvasive Ventilation Guidelines for Patients with Chronic Respiratory Failure During COVID-19 Pandemic."
3. Published special article Guest Commentary in *CHEST Physician* titled, "Virtual Visits for Patients with Neuromuscular Respiratory Failure in the Time of COVID-19: A Potential Bright Spot from the Pandemic."

Interprofessional Team

1. We had one Fellow-in-Training opening with three nominations and three member openings with 13 nominations from diverse professional backgrounds, showcasing our NetWork's increasing popularity.
2. Members' engagement reflected by the submissions of sessions and NetWork experience.
3. Contributions of *CHEST Physician* articles.

Interstitial and Diffuse Lung Disease

1. Designed and then recommitted to several exciting offerings for CHEST 2020.
2. Discussed and shared collective experiences among the steering committee around the concept of "post-COVID ILD" and how to approach aftercare within an ILD clinic setting.
3. Wrote two *CHEST Physician* articles.

Interventional and Chest Diagnostic Procedures

1. The steering committee members participated in COVID-19 bronchoscopy and tracheostomy guidelines.
2. The steering committee and NetWork are currently performing multicenter studies to assess the outcomes of bronchoscopy and tracheostomy in COVID-19 patients.

Occupational and Environmental Health

1. Increased our membership.
2. Educated membership on EVALI and the relationship between EVALI and COVID.
3. Contributed to *CHEST Physician*.

Palliative and End-of-Life Care

1. Elected first APP to Vice-Chair leadership position.
2. Expanded membership interest considerably (>1,700 CHEST members expressed interest in palliative and EOL content).
3. Participated across CHEST Annual Assembly in partnership with other groups.

Pediatric Chest Medicine

1. Fellow-in-Training was very involved and engaged. Fellow wrote a *CHEST Physician* article.
2. Increased member engagement, including regular contributions to *CHEST Physician*, participation in session development for annual meeting, increased involvement of pediatric sleep medicine. Focus on diversity and inclusion. NetWork continues to see large number of highly qualified applicants for its steering committee positions.
3. Innovation with new pediatric curriculum for the annual meeting (eg, pediatric mechanical ventilation, transitional topics including chronic diseases beginning in childhood and continuing into adulthood, eg, cystic fibrosis, asthma).
4. Internetwork collaboration to increase pediatric outreach.
5. Interorganizational collaboration (eg, AAP).

Practice Operations

1. Published *CHEST Physician* articles pertaining to practice management. Also, had our Fellow-in-Training member to contribute.
2. Win in the NetWorks Challenge.
3. Able to get travel grant for the fellows.
4. Session on artificial intelligence by Dr. Ghamande & Dr. Surani to address the direction where health care may be going.
5. Active involvement amongst many members of the steering committee as CHEST faculty.
6. Submission of chest experience and Network Featured Lecture even for the virtual CHEST conference 2020.

Pulmonary Physiology, Function, and Rehabilitation

1. Increased involvement of PFR members in CHEST Live Learning courses as faculty.
2. Increased involvement of PFR members in CHEST Annual Meeting as faculty.
3. Engaged with ATS regarding racial disparity in lung function test reference values.

Pulmonary Vascular Disease

1. Authored and completed a survey of PVD NetWork on current practices of use of risk assessment by pulmonary hypertension providers. Write up as pending.
2. Authored and planning survey of COVID impact on pulmonary hypertension care.
3. Collaboration with the PERT consortium on intrahospital transfers of patients with the eat.

Respiratory Care

1. Best and first in diversity: Respiratory Care Steering Committee is one of the most diverse CHEST NetWork leadership teams in interprofessional, nonphysician, gender, ethnic, race, multidisciplinary, and broad national and international representation. This is from top to bottom, bottom to top, and at every level. From CEOs, deans, department chairs, presidents of professional organizations, managers, teachers/educators, direct patient care practitioners at all levels and all health-care delivery environments, and students (our future as a professional organization). We also include several past CHEST Board of Regents-at-Large members to amplify our functionality and integration into the larger organization and community.
2. Professional leadership recognition for steering committee members (please also see #3).
 - a. De De (Donna D.) Gardner Incoming Vice-Chair co-author and contributor to CHEST 2020 Use of Bronchoscopy COVID-19 Guideline and recipient of the 2019 Texas State University Excellence in Online Learning Award (Clinical Practice Guidelines and Respiratory Care Protocols course).

- b. David L. Vines recognized as the President-Elect of the NBRC National Board for Respiratory Care.
 - c. Arzu Ari is the honor recipient of the 2020 Specialty Practitioner of the Year, American Association for Respiratory Care, and has been promoted to the Associated Dean for Research for the College of Health Professions, Texas State University.
 - d. Most Respiratory Care Steering Committee members represent CHEST on the leadership boards of all the professional societies and organizations associated with respiratory care including education, credentialing, testing/competency, training, clinical practice, and advocacy.
3. Promotion of excellence in care delivery, safety, practitioner well-being and education by steering committee members (please also see #2).
- a. De De Gardner Incoming Vice-Chair as above 2020 publication, Use of Bronchoscopy COVID-19 Guideline, journal *CHEST*.
 - b. Arzu Ari 2020 *CHEST Physician* publication, Promoting Safe and Effective Use of Aerosol Devices in COVID-19, Expert Opinion on Drug Delivery.
 - c. David Vines producing and soon to be released live patient education videos on use of all pulmonary medication delivery devices and use.
 - d. Thomas Fuhrman, Vice-Chair, webinar presentation Intubating a Patient during the COVID-19 Pandemic, Georgia/Florida Societies for Respiratory Care, and is CHEST Difficult Airway Management faculty.
 - e. Carl Kaplan, Chair, webinar panelist, Taking Care of Your Team During COVID-19, CHEST Wellness Center webinar.
 - f. Jonathan Waugh 2020 publication, Alarm Strategies and Surveillance for Mechanical Ventilation, *Respiratory Care* journal.
 - g. Lori Tinkler National Leadership Guidance across multiple professional organizations/institutions/states/geographic regions and financial support for respiratory care advocacy and CHEST Foundation.

Sleep Medicine

- 1. Influence of national policy (national coverage determination) regarding non-invasive ventilation coverage (RAD, HMV) by CMS in partnership with NAMDRC.
- 2. Expansion of the Sleep NetWork presence in social media (Twitter) and in press (*CHEST Physician* articles).
- 3. Influence of accreditation policy by the American Board of Medical Specialties regarding maintenance of certification (MOC).
- 4. Submission of educational proposal to create sleep modules for non-sleep fellowships, approved by the CHEST Education Committee.
- 5. Shape the sleep curriculum for CHEST 2020 national meeting.

Thoracic Oncology

- 1. April 2020 *CHEST Physician* issue "The long and winding treatment road of advanced lung cancer: Long-term outcomes with immunotherapy" by Dr. Hiren Mehta.
- 2. September 2020 *CHEST Physician* issue "Times They Are A'changing – Lung Cancer Outcomes Improve and the Time for Nihilism is Past" by Dr. Abbie Begnaud.
- 3. Nichole Tanner participated in revisions of the CHEST Tobacco Toolkit and game.
- 4. Abbie Begnaud participated in the NLCRT disparities conference as our NetWork representative.

Transplant

1. Phase one donor quality project published abstract:
[https://www.jhltonline.org/article/S1053-2498\(20\)31073-1/abstract](https://www.jhltonline.org/article/S1053-2498(20)31073-1/abstract)
2. Phase two donor quality project published abstract.
[https://www.jhltonline.org/article/S1053-2498\(20\)30861-5/abstract](https://www.jhltonline.org/article/S1053-2498(20)30861-5/abstract)
3. Assisted with lung transplant clinical practice survey from Temple University regarding scleroderma and lung transplant.

Women's Lung Health

1. NetWork has the most participation for the NetWorks Challenge.
2. Submitted several sessions that will be presented at CHEST 2020.
3. Submitted two *CHEST Physician* articles.