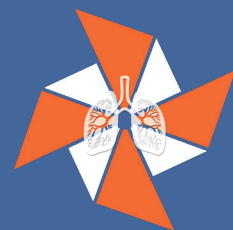


# 2020 ANNUAL REPORT



**COPD**  
FOUNDATION

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# COPD FOUNDATION





**JAMES D. CRAPO, MD**  
Board Chair



**RUTH TAL-SINGER, PhD**  
President & Chief Scientific Officer

Dear Friends,

We are pleased and proud to share with you our report, which includes a review of Fiscal Year 2020 as well as an update on our progress since we assumed leadership of this incredible organization.

The images on these pages only begin to show how the support of so many has impacted our community. We are deeply grateful.

During the past year at the Foundation, we reaffirmed our commitment to and prioritization of patient-centered programs and initiatives and committed ourselves to building our capacity as leaders in COPD and bronchiectasis research, education, and advocacy.

Highlights of our work this past year include:

- launching a *Community Engagement Committee* to ensure that diverse patient and caregiver voices are included in the health care conversation;
- being a critical resource for COPD patients and the public regarding education and support for issues around COVID-19;
- establishing *COPD360Net*—a program designed to expedite clinical trials for critically needed therapies; and
- working with our advocacy team to ensure that patients have optimal access to pulmonary rehabilitation and affordable oxygen therapies.

As many of you know, John W. Walsh founded this organization in 2004 with the vision of being the voice of the patient community. As we begin our 18<sup>th</sup> year, we are reminded of his great legacy to provide enhanced therapies and services that will lead to the prevention and stop the progression of COPD and related lung conditions. Through your support we have been able to translate that vision into concrete innovations through the creation of sustainable structures, strong operating practices, and mission-driven, programmatic investments.

Thank you for recognizing our promise and continuing to invest in our future. We are fortunate to be part of it and we look forward to another great year together.

Respectfully,

*Ruth and James*

## COPD FOUNDATION MISSION STATEMENT

The COPD Foundation was established to speed innovations which will make treatment more effective and affordable, to undertake initiatives that result in expanded services for COPD patients, and to improve the lives of patients with COPD and related conditions through scientific research, education, and awareness that will lead to prevention and a stop in the progression of disease.



**JOHN W. WALSH, FOUNDER**



# INNOVATE

## WE ARE MOBILIZING PATIENTS, HEALTH CARE PROFESSIONALS, ACADEMIC INSTITUTIONS, AND INDUSTRY



The COPD Foundation is focused on innovations to speed development of new, effective, and affordable treatment options for individuals living with COPD, bronchiectasis, nontuberculous mycobacteria (NTM) lung disease, and other related lung conditions. Our research efforts integrate the voices of patients and caregivers in every step we take.

**The COPD Patient-Powered Research Network (COPD PPRN)** is a patient-reported registry designed to provide a platform for all individuals with COPD who wish to contribute to research and share their voice.

### The COPD PPRN achievements:

**8179**

Consented  
Participants

**6714**

Completed Baseline  
Surveys of Patient-  
reported Quality  
of Life Issues

**1515**

Completed  
Surveys on  
Pulmonary  
Rehabilitation

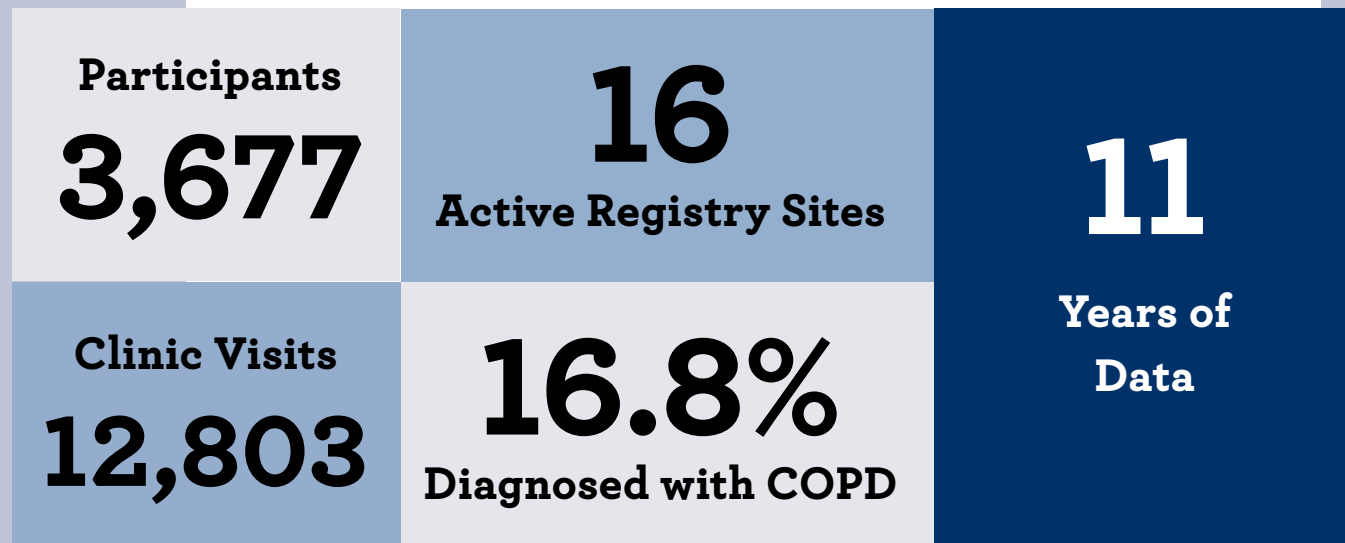
**1442**

Completed  
Surveys  
on Medication



With more than a decade of data on some of its 3,000 patients, the **Bronchiectasis and Nontuberculosis Mycobacteria Lung Disease Research Registry (BRR)** includes the leading medical centers in bronchiectasis and NTM research and is designed to speed innovation and support collaborative research. Because very few approved therapies exist for individuals with bronchiectasis and NTM lung disease and the journey to diagnosis may be long and difficult, listening to the patient voice and understanding the type of innovation that would make an impact is critical.

**In 2020, the Bronchiectasis and Nontuberculosis Mycobacteria Lung Disease Research Registry had:**



**John Torrence** serves as a Bronchiectasis and NTM Ambassador for the COPD Foundation. John started coughing in 2009 and was first diagnosed with NTM lung disease and bronchiectasis in 2012. His mother was also diagnosed with both conditions a few years before John's diagnosis. He has had several infections and treatment cycles over the last nine years, including therapy with 15 antibiotics and lung surgery. John also serves as a member of the Foundation's Community Engagement Committee, has written articles for the Foundation about his personal journey with lung disease and represents Nevada as the Foundation's State Advocacy Captain.





**Jean Rommes, BA, MS, PhD**, serves as a member of the Community Engagement Committee and on the Executive Committee of COPD360Net (page 15). Jean has been an advocate for people with COPD for more than 10 years, beginning in 2007 with an article that was printed on the front page of the *New York Times*. Jean knew she had COPD in 1985 and was formally diagnosed in 2000 at 56. She made a huge lifestyle change in 2003 that resulted in significant weight loss and getting off oxygen completely for nearly 10 years. Currently, she uses oxygen for most activities. In addition to her role on the Community Engagement Committee, Jean also serves as chair of the COPD PPRN Governing Board and as a patient investigator on studies, is a member of the COPD Foundation Medical and Scientific Advisory Committee (MASAC) and is the COPD Foundation State Captain representing Iowa.



The COPD360 Community **Engagement Committee (COPD360CEnCo)**, established September 2020, was created to provide the voice of patients and caregivers to all of the COPD Foundation's efforts, and to support its interactions with other health care and advocacy organizations. The committee is comprised of patient advocates from diverse backgrounds across the country.

Engaging individuals with COPD, their caregivers, and families ensures efforts in treatment and prevention maintain and strengthen the patient-centered perspective.

“

The COPD Foundation was patient founded and remains patient driven. The patient has always been at the center of our mission. This committee fortifies our commitment to people with COPD and ensures their voices are heard.

- Linda Walsh, Chief Community Engagement Officer



As a result of a workshop convened in 2011, the **COPD Biomarker Qualification Consortium (CBQC)** was created to help fast track regulatory acceptance of new COPD drug development tools and enable the development of better treatments. The goal of using these tools is to improve the lives of people with COPD. For example, improved therapies could help stop or slow the worsening of symptoms, reduce the frequency or severity of exacerbation episodes, or ultimately prevent disease in individuals at risk for COPD.

In 2020, we expanded the CBQC scope to include chronic lung conditions other than COPD, such as bronchiectasis, pulmonary fibrosis, alpha-1 antitrypsin deficiency, and asthma. The CBQC has published the results of its efforts in peer-reviewed scientific journals and submitted applications to the Food and Drug Administration on tools such as computed tomography lung imaging and exercise tests.

“

The integration of COPD-focused care centers, patient stakeholders, and national experts creates a unique opportunity to accelerate the identification, study, and dissemination of new therapeutics to improve the health of patients with COPD and other chronic lung diseases. It is my belief that the COPD360Net will rapidly lead to effective, interventions.

– Brad Drummond, MD, University of North Carolina at Chapel Hill, and COPD360Net Executive Committee Co-Chair

## COPD360Net

While important strides have been made in improving the care for those with COPD, the last regulatory approval of a new mechanism of action therapeutic in COPD was in 2011, and drug development remains focused on individuals with moderate to advanced airflow limitation.

In order to advance the development of new medicines, or the repurposing of existing drugs, a new approach is needed. **COPD360Net** is designed to facilitate, review, and expedite clinical trials for new therapies and digital health tools. In addition, COPD360Net is focused on implementation science – facilitating discovery to delivery.





# EDUCATE

Our community seeks trusted information and education. And in 2020, they were scared and in need of credible information sources. We listened and worked to deliver.

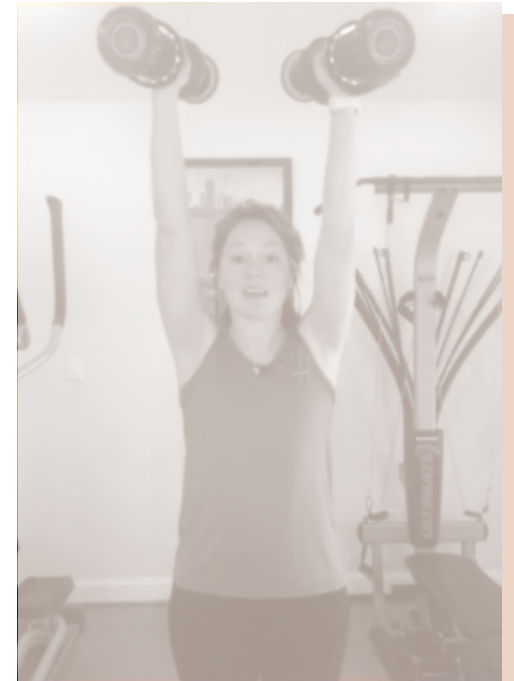
## COVID-19 AND OUR VULNERABLE COMMUNITY

Naturally, COVID-19 became a critical educational focus for us during 2020.

We provided up-to-date, accurate information on the specific risks of COVID-19 and COPD. Our community expressed specific concerns about isolation, wearing masks, and shortages of medication and oxygen supplies. We were able to address questions and develop educational content on available therapies to treat COVID-19 and vaccines that were on the horizon.

As we became aware of specific concerns, we worked to address them. Nebulization, a critically important medication delivery method for COPD, became a source of concern. Guidance was unclear as to whether nebulization could spread COVID-19. The safety of our patient and health care provider community is paramount, so in response, the COPD Foundation established the **COPD Nebulizer Consortium (CNC)**. In collaboration with our patient advocate, health care provider, and corporate partners on CNC, this diverse team has and will continue to generate educational content to ensure safe use of nebulized medications.

By the conclusion of 2020, two very effective vaccines had been approved for emergency use in the United States and others were on the horizon. We provided education about the vaccines, answered questions and concerns, and worked to build vaccine confidence within our vulnerable community.



*COPD Foundation respiratory therapist Christina Hunt demonstrates safe upper body exercises for people with COPD in one of the Foundation's free exercise videos.*



“

There's been a lot of discussion regarding the vaccine and the Foundation has done a great job of providing real information about COVID-19 since the beginning of the pandemic.

- COPD360social community member

## RESPONDING TO OUR COMMUNITY'S NEEDS

While a primary focus of Foundation education in 2020 centered around COVID-19, our community also expressed the need to obtain information on other critically important issues and we developed educational content to address these needs:

- Medicare coverage, access, and open enrollment
- The often challenging journey to an accurate diagnosis
- Focused education on bronchiectasis
- Treatment options for individuals with severe emphysema
- An educational video, "What is COPD?"

In collaboration with patient partners, we worked to ensure that our educational materials, blogs, information on our social communities and virtual education sessions resonated with diverse communities. Our social communities provided a unique resource for patients to request education and information rapidly.

As the voice of our community, we took on the role to ensure that credible, updated education continues to be available to all of our stakeholders.

## COPD360music HARMONICAS FOR HEALTH

Our unique **Harmonicas for Health program** helps people breathe better while also connecting them to a supportive community of others in similar situations. It is an opportunity for people in our community to connect with each other in a joyful environment and to engage in an activity that is not only fun but carries therapeutic benefits.



Harmonicas for Health was featured during the Circle of Friends Virtual Celebration on November 17, 2020, where players were brought together virtually to play "You Are My Sunshine."

“

I used to sing in the choir, but had to stop when my COPD worsened. After participating in the H4H program, I was able to return to choir rehearsal for the first time in two years and even sing a couple of songs with them.

- Harmonicas for Health participant



# EMPOWER

At the onset of the COVID-19 pandemic, we focused on listening to our community and providing people with accurate, timely, and trusted information. Through our social platforms, **360Coach** phone lines, and our websites, we helped people learn, share, connect, and empower each other.

## WE LISTENED

We launched a series of global surveys to capture the experiences of health care providers and people living with COPD, bronchiectasis, alpha-1 antitrypsin deficiency, and NTM lung infections during the COVID-19 pandemic.

An important insight from this survey series was the increased importance and reliance on telemedicine and virtual platforms to connect with each other, health care professionals, and health and wellness programs. As a result, we submitted a grant to work with groups focused on improving **virtual pulmonary rehabilitation with peer coaching support**.



“

I am concerned about neighborhood kids stopping by.

I am afraid to go outside of my house.

I'm very scared.

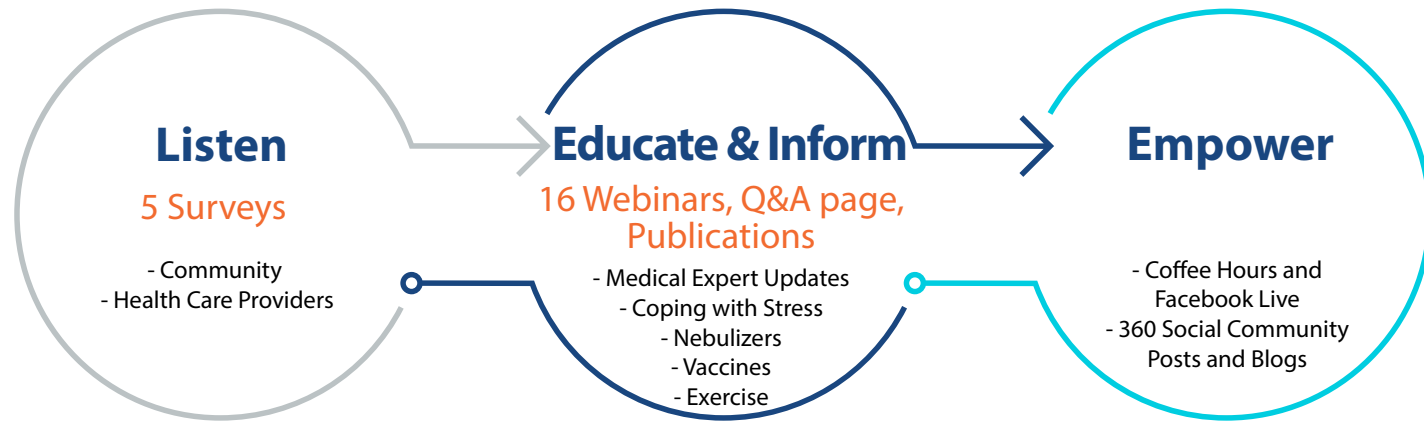
Pulm rehab has ended... I do walk my dog in the neighborhood. I used to be out daily in social situations and played pool on a regular basis.

Home confinement is increasing my depression and consequent fear for life.

- *People with chronic lung conditions*



We activated our networks to address the needs of our community and developed webinars, live Q&A sessions, surveys for deeper listening, and informative videos.



Our programs are designed to offer opportunities for friendship, joyful moments and improved health and wellness even during particularly difficult times.

“The strength that comes from having some control over your health, relationships, finances, etc, and total control over how you react to those things is very empowering. With that perspective, how could you not be hopeful about tomorrow?”  
- COVID-19 survey respondent



In 2020, the COPD Foundation created a video, “You, Chronic Lung Disease and COVID-19” to help educate, empower, and comfort our community during the pandemic.  
<https://www.copdfoundation.org/Learn-More/I-am-a-Person-with-COPD/Coronavirus-Information.aspx>

“What a year it has been since the COVID-19 pandemic invaded our world. It has been a difficult, uncertain time. Through it all, we’ve continued on – you and I – just doing our very best to stand tall, chin up, in spite of all that has come our way. Yes, we are still here. And we’re still breathing!”

- Jane Martin, RRT, COPD Foundation

## CREATING COMMUNITY SAFE SPACE

Reinforcing a sense of community is always of importance to the COPD Foundation and this was particularly true during the 2020 pandemic. In July 2020, our team initiated online “coffee breaks,” led by the Senior Director of Community Education Programs. Interested community members could meet virtually via a webinar platform. These were informal discussions, held in a safe place, to promote inclusion and community. Topics included a group icebreaker game, how to stay active, hobbies members have enjoyed during quarantine, and keeping safe during necessary outings and appointments. Five of these online gatherings were held in 2020, one around Thanksgiving and one during the holiday season, a time that can feel isolating for many.



# ENGAGE



## COPD360social IT'S OUR COMMUNITY ONLINE

The COPD Foundation lends a voice to more than 320 million people affected by COPD, bronchiectasis, and NTM lung infection, globally.

Our website receives millions of visits per year from individuals in 298 countries (Google Analytics).

A peer-to-peer virtual community, **360social** is the preeminent source of online community support for people living with COPD, bronchiectasis, or NTM lung conditions, and their caregivers and health care professionals.

Our comprehensive COPD360 platform delivers educational resources and the latest information on COPD, COVID-19, and other topics important to our constituents. In 2020, COPD360social membership increased to more than 49,000 from 151 countries.

“

Thank you for responding. I was diagnosed last week. I am so pleased I found this site. I just started reading the info on the website. I was seriously falling into depression til I came to this site and I am beginning to learn more.

- COPD360social community member

49%

Patients

31%

Health Care  
Professionals

12%

Family/  
Friends

8%

Caregivers





“

The peer support and the knowledge I've been able to access in the Foundation has been invaluable. That peer-to-peer support in best practices – that safe place to land – has been lifesaving. This extended family has been everything to me on this journey.

- Karen L. Erickson, individual with alpha-1 antitrypsin deficiency COPD and Community Engagement Committee Co-Chair

## WEEKLY CHECK-INS

We held Wednesday check-ins with the Assistant Director of Public Education, throughout the year. To date, there have been 41 check-ins posted that have together garnered more than 30,000 views. People have connected around a variety of topics, including things to look forward to, pet inspiration, and different ways to celebrate the holidays while remaining protected from COVID-19.

## ENGAGING THE MEDICAL AND SCIENTIFIC COMMUNITY

**Primary Care Engagement:** Most COPD diagnosis and care occurs in primary care, including initial diagnosis, prescriptions, inhaler training, telehealth, and referrals to specialty care. As a component of increasing resources to primary care clinicians, we updated the COPD Pocket Consultant Guide card and app in 2020 and released an innovative, new patient and caregiver app track to encourage patient self-management.

Our peer-reviewed, open access journal, **Chronic Obstructive Pulmonary Diseases: Journal of the COPD Foundation** received news this past year that it had been selected to move into the Web of Science's top tier of indexing- the Science Citation Index Expanded (SCIE). This is a great milestone for the Journal as the SCIE index describes itself as selecting “the most influential journals in their respective fields...” With this new distinction, the Journal will receive its first impact factor in the summer of 2021. In addition to the SCIE, the Journal also continues to be indexed by PubMed, PubMedCentral, and Scopus.



“

We engaged health care professionals on the front lines of treating and researching COVID-19 to better understand the trajectory of the disease.

- Ruth Tal-Singer, President & Chief Scientific Officer

Tal-Singer R, Yawn B, Wise B, Thomashow B, Boyce DM. The COPD Foundation Coronavirus Disease 2019 International Medical Experts Survey: results. *Chronic Obstr Pulm Dis.* 2020; 7(3):139-146. doi: <http://dx.doi.org/10.15326/jcopdf.7.3.2020.0164>

## ADVOCACY

In 2020, we focused our advocacy strategy on three key areas: improved access to and reimbursement of pulmonary rehabilitation, safe and efficient delivery of oxygen therapy, and improved acceptance of new drug development tools.

This year those efforts were focused solely in the United States; we will implement a global outreach strategy in 2021.



“

To me, an advocate is a defender – a protector of rights – and a counselor when speaking to lawmakers, pharmaceutical companies, and other stakeholders. Individuals living with COPD need to know who their COPD Foundation State Captains and lawmakers are. This helps tremendously in getting policies changed or enhanced.

– Janice Cotton, State Captain Illinois

Our virtual **IMPACT 2020** Advocacy event drew more than 50 advocates from around the United States to participate in workshops and calls with their elected representatives.

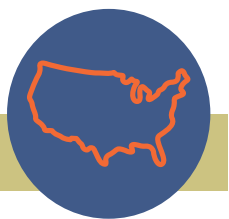
### Valerie (Val) Chang, JD State Captain, Hawaii

Val is currently the Executive Director of the Hawaii COPD Coalition, [www.hawaiicopd.org](http://www.hawaiicopd.org), which she founded in 2007. Prior to that, she was a part-time district court judge in Hawaii.



Val has been active in the COPD community to varying degrees since her diagnosis at age 42 in 2000. She has moderate to severe emphysema from no known cause. Val is vice-chair of the US COPD Coalition and has participated with the Patient-Centered Outcomes Research Institute as well as the Congressionally Mandated Medical Research Program, the COPD Patient-Powered Research Network, and the Coalition for Tobacco Free Hawaii. Val has met with local and national leaders about COPD and lung health issues for many years. She has partnered with pharmaceutical companies and has been active with the American Thoracic Society and the American Association of Respiratory Care as a patient advocate.

137 state captains representing 41 states



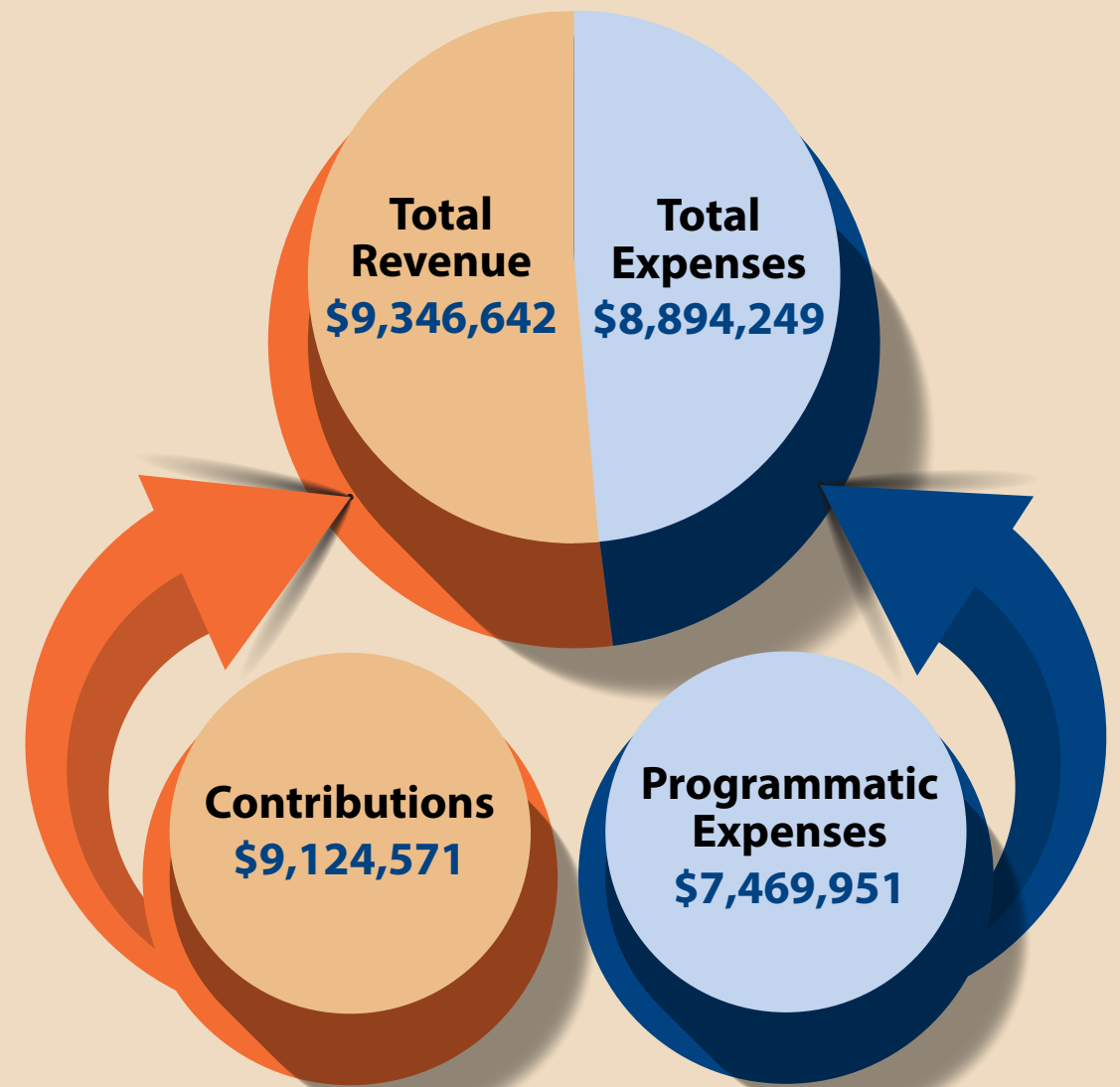
## STATE CAPTAIN/AMBASSADOR PROGRAM

This program trains people affected by COPD, whether they are impacted individuals, caregivers, or health care providers, to become advocates and teachers within their communities. Our state captains and other participants in our IMPACT 2020 event helped push for changes to Medicare policies leading to pulmonary rehabilitation being included as an approved telehealth service.



# FINANCIALS

As a non-profit 501(c)(3) organization, the Foundation is only able to make an impact and accomplish its mission through the generosity of our donors and corporate partners (see page 33), and the funding of industry, foundations, and governmental grants.



## STATEMENT OF OUR FINANCIAL POSITION, JULY 2019-JUNE 2020\*

2020

### ASSETS

Cash and Cash Equivalents	2,539,024
Marketable Securities	4,307,310
Receivables	2,951,395
Other Assets	736,108
<b>Total Assets</b>	<b>10,533,837</b>

### LIABILITIES

Accounts Payable	1,025,722
Other Liabilities	2,976,981
<b>Total Liabilities</b>	<b>4,002,703</b>

### NET ASSETS

Without Donor Restrictions	1,678,821
With Donor Resrtrictions	4,852,313
<b>Total Net Assets</b>	<b>6,531,134</b>

**Total Liabilities and Net Assets** 10,533,837

### REVENUE

#### Support Received From the Public

Grants	1,058,910
Restricted and Unrestricted Contributions	7,783,341
Special Events	282,320
Publications and Other Income	93,175
<b>Total Public Support</b>	<b>9,217,746</b>
Other	128,896
<b>TOTAL REVENUE</b>	<b>9,346,642</b>

### EXPENSES

#### Program Services

Research	6,214,222
Community	1,124,571
Publications	126,158
Conferences	-
<b>Total Program Services</b>	<b>7,464,951</b>

#### Supporting Services

General and Support Services	411,506
Fundraising	1,017,792
<b>Total Supporting Services</b>	<b>1,429,298</b>
<b>TOTAL EXPENSES</b>	<b>8,894,249</b>

**Increase/(Decrease) in  
Net Assets from Operations** 452,393

**Net Nonoperating Income/(Loss)** -

**Net Assets - End of Year** 6,531,134

\*For complete information, please refer to the independently audited financial statements of the COPD Foundation at [www.copdfoundation.org](http://www.copdfoundation.org)



# APPRECIATE

## WE MAKE THE IMPACT YOU MAKE THE DIFFERENCE

Our **Circle of Friends Celebration** was a virtual event designed to connect and share with our community the impact we have had throughout the year in improving the lives of people living with COPD and related lung conditions. Typically an in-person gala, we wanted the Circle of Friends Celebration to connect and illuminate our community, especially in this moment when patients and caregivers need each other most.

We saw more than 400 people turn out for the event in real time in an effort to connect and celebrate each other while also demanding more awareness of COPD and other respiratory diseases.



**JENNA BUSH HAGER**

Co-Host of NBC's *TODAY with Hoda & Jenna*,  
Editor-At-Large for *Southern Living Magazine*



*The Broadway Youth Ensemble joined news personality and journalist Jenna Bush Hager to entertain attendees of the virtual 2020 Circle of Friends celebration.*



# THANK YOU CORPORATE PARTNERS

## TIER 4



## TIER 3



## TIER 2



## TIER 1



For more information about our Foundation's Corporate Partners Program, visit our website at:

<https://www.copdfoundation.org/About-Us/Who-We-Are/Corporate-Partner-Program.aspx>



# COLLABORATE

## OUR COMMUNITY

Throughout this report, we have shared how we strived to **innovate, educate, empower** and **engage**, with the goal of fulfilling the Foundation's mission to lead the way in COPD education, advocacy, research, and care, to change lives. This is the work that was originally envisioned by our patient-founder, John W. Walsh, but has since been embraced, supported, and expanded exponentially by the many patients, health care professionals, scientific experts/researchers, industry leaders, volunteers, staff, and board members we are fortunate to call "our COPD community."

“

I want to thank everyone for helping me come to grips with my diagnosis. When I first got the diagnosis I was devastated, but thanks to all of your help I am learning to live with this disease.

- COPD360social community member

### COPD360 CEnCo Committee Members

- **Karen Erickson** (Co-Chair, CA)
- **Linda Walsh**, BS, TTS (Co-Chair, FL)
- **Jean Rommes**, BA, MS, PhD (COPD360Net Liaison & State Captain, IA)
- **Goldia Brown**, BA, MS (State Captain, GA)
- **Valerie Chang**, JD (State Captain, HI)
- **Janice Cotton**, BS, MA (State Captain, IL)
- **Caroline Gainer** (State Captain, WV)
- **Ana Maria Garcia**, BS, MBA (FL)
- **Louise Hobden** (State Captain, NH)
- **Scott Hobden**, BA, CCM (NH)
- **John Torrence** (NV)



## COPD360Net Steering Committee Members

- **Ruth Tal-Singer**, PhD (EXECUTIVE COMMITTEE CHAIR) President & Chief Scientific Officer, COPD Foundation
- **Brad Drummond**, MD (EXECUTIVE COMMITTEE) Head of COPD360Net Digital Health and Therapeutic Pipeline Working Group, Associate Professor, University of North Carolina at Chapel Hill
- **Jerry Krishnan**, MD, PhD (EXECUTIVE COMMITTEE) Head of COPD360Net Care Delivery Science Working Group, Professor of Medicine and Public Health, Associate & Vice Chancellor for Population Health Sciences, University of Illinois at Chicago
- **Wilson D. Pace**, MD (EXECUTIVE COMMITTEE) Co-Lead of Primary Care and Integrated Practice Working Group, American Academy of Family Physicians, Chief Medical Officer, DARTNet
- **Jean Rommes**, PhD (EXECUTIVE COMMITTEE) Head of COPD360Net Patient and Caregiver Engagement Working Group, Patient Representative, West Des Moines, IA
- **Juan P. Wisnivesky**, MD, DrPH (EXECUTIVE COMMITTEE) Co-Lead of Primary Care and Integrated Practice Working Group, Society of General Internal Medicine, Professor, Department of Medicine, Icahn School of Medicine at Mount Sinai
- **Cara B. Pasquale**, MPH (EXECUTIVE COMMITTEE) COPD360Net Project Lead COPD Foundation
- **Surya Bhatt**, MD, Associate Professor, University of Alabama, Birmingham
- **Gerard Criner**, MD, Chair and Professor, Thoracic Medicine and Surgery, Temple University, Philadelphia, PA
- **MeiLan Han**, MD, MS, Professor of Medicine, Division of Pulmonary and Critical Care, University of Michigan, Ann Arbor
- **Karin Hoth**, PhD, ABPP, Associate Professor, Psychiatry, University of Iowa Carver College of Medicine, Iowa City, IA
- **Ravi Kalhan**, MD, Professor of Medicine, Pulmonary and Critical Care, Preventive Medicine-Epidemiology, Northwestern University, Chicago, IL
- **Jill Ohar**, MD, Professor, Pulmonary, Critical Care, Allergy, and Immunologic Medicine, Wake Forest Baptist Health, Winston-Salem, NC
- **Fernando Martinez**, MD, Bruce Webster Professor of Internal Medicine, Professor of Medicine, Professor of Genetic Medicine, Cornell University, New York, NY
- **Richard Mularski**, MD, MSHS, MCR, COPD Patient-Powered Research Network co-PI Representative, Professor of Health Systems Science, KP Bernard J. Tyson School of Medicine, Clinical Professor of Medicine, Oregon Health Sciences University, Center for Health Research, Kaiser Permanente Northwest, Portland, OR
- **Julia F. Slejko**, PhD, Assistant Professor, Pharmaceutical Health Services Research, University of Maryland, School of Pharmacy, Baltimore, MD

## Medical and Scientific Advisory Committee Members

- **Robert (Bob) Wise, MD, CHAIR**, Johns Hopkins University, Baltimore, MD
- **Jill Ohar, MD, VICE CHAIR**, Wake Forest Baptist Health, Winston-Salem, NC
- **Timothy R. Aksamit, MD**, Mayo Clinic, Rochester, MN
- **David H. Au, MD, MS**, University of Washington, Seattle, WA
- **R. Graham Barr, MD, DrPH**, Columbia University, New York, NY
- **Surya Bhatt, MD**, University of Alabama, Birmingham
- **Richard Casaburi, MD, PhD**, Los Angeles Biomedical Research Institute at Harbor-UCLA Medical Center, Torrance, CA
- **Bartolome Celli, MD**, Brigham and Women's Hospital, Boston, MA
- **James Chalmers, MD**, University of Dundee, United Kingdom
- **James Crapo, MD**, Department of Medicine, Division of Pulmonary, Critical Care & Sleep Medicine, Denver, CO
- **Gerard Criner, MD**, Temple University, Philadelphia, PA
- **James Donohue, MD**, University of North Carolina, School of Medicine
- **Mark Dransfield, MD**, University of Alabama, Birmingham
- **Brad Drummond, MD**, University of North Carolina at Chapel Hill
- **MeiLan Han, MD, MS**, University of Michigan, Ann Arbor, MI
- **Karin Hoth, PhD, ABPP**, University of Iowa, Carver College of Medicine, Iowa City, IA
- **Min Joo, MD**, University of Illinois at Chicago, Chicago, IL
- **Ravi Kalhan, MD**, Northwestern University, Chicago, IL
- **Jerry Krishnan, MD, PhD**, University of Illinois at Chicago, Chicago, IL
- **Peter K. Lindenauer, MD**, University of Massachusetts, Baystate Health
- **Barry Make, MD**, Department of Medicine, Division of Pulmonary, Critical Care & Sleep Medicine, National Jewish Health, Denver, CO
- **David Mannino, MD**, University of Kentucky, Lexington, KY
- **Fernando Martinez, MD**, Cornell University, New York, NY
- **Richard Mularski, MD, MSHS, MCR**, The Center for Health Research, Kaiser Permanente Northwest, Portland, OR
- **Stephen Rennard, MD**, University of Nebraska Medical Center, Omaha, NE
- **Jean Rommes, PhD**, West Des Moines, IA
- **Frank Scirba, MD**, University of Pittsburgh, Pittsburgh, PA
- **Paul Simonelli, MD, PhD**, Geisinger Medical Center, Danville, PA
- **Lewis J. Smith**, Northwestern University Feinberg School of Medicine
- **Robert A. Stockley, MD, DSc**, University of Birmingham, United Kingdom
- **Ruth Tal-Singer, PhD**, COPD Foundation
- **Byron Thomashow, MD**, Columbia University Medical Center, New York, NY
- **Gerard Turino, MD**, John H. Keating Professor Emeritus, Columbia University, St. Luke's-Roosevelt Hospital, New York, NY
- **George Washko, MD**, Brigham and Women's Hospital/Harvard Medical School, Boston, MA
- **Barbara Yawn, MD**, University of Minnesota, Rochester, MN



### COPD Foundation Officers

- **Ruth Tal-Singer PhD**, President & Chief Scientific Officer
- **Byron Thomashow, MD**, Co-Founder and Chief Medical Officer
- **Sasha Lavin**, Chief Financial Officer & Human Resources
- **Elisha Malanga**, Chief Research Officer
- **Vincent Malanga**, Chief Information Officer
- **Linda Walsh**, Chief Community Engagement Officer

### Board of Directors

- **James D. Crapo, MD Board Chair**
- **Richard Casaburi, PhD, MD**
- **Stew Cogan, ESQ.**
- **Leonard Fromer, MD**
- **Russell L. Gantt**
- **Donald Gray**
- **Michael P. Mayer**
- **Byron M. Thomashow, MD**, *Co-Founder and Chief Medical Officer*
- **Gerard Turino, MD**
- **Robert Wise, MD**
- **Wayne E. “Chip” Withers**, *Vice-Chairman, Treasurer*
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- **Herbert Yardley**

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- **Pete Amari**, Senior Director of IT Development and Operations
- **Tiffany Antoine**, COPD360Net Project Manager
- **Danielle Boyce**, Senior Analyst
- **Martha Brizuela-Portillo**, Staff Accountant
- **Cathy Gray Carlomagno**, Managing Editor, *Chronic Obstructive Pulmonary Diseases: Journal of the COPD Foundation*
- **Bill Clark**, Vice President of Patient Experience
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- **Bret Denning**, Director of Public and Professional Education
- **Tim Deuby**, COPD360 Project Manager
- **Christopher Dispensa**, IT Operations and Web Publisher
- **Emily Eggleston**, Publication Administrative Coordinator
- **Rachel Glickman**, Human Resources Advisor
- **Michael W. Hess**, Senior Director of Public Outreach and Education
- **Spencer Hibnick**, Senior Business Analyst, Development
- **Brandon Holmes**, COPD360 Coach Specialist
- **Christina Hunt**, Director of Bronchiectasis and NTM Research and Education
- **Suzanne Major**, Scientific Operations
- **David Mannino**, Co-Founder and Medical Director
- **Jane Martin**, Assistant Director of Public Education
- **Sergio Martinez**, Project Manager, Research
- **Michelle McConnaughay**, State and National Captain Coordinator
- **Gretchen McCreary**, Director of Research, Project Lead for Patient-Powered Research Network
- **Debbie D. Merrill**, Vice President of COPD Biomarkers Qualification Consortium and Project Management
- **Bruce E. Miller**, Senior Scientific Director, COPD360Net
- **Cara Pasquale**, Senior Director of Research, Project Lead for COPD360Net
- **Sharmaine Pommells**, Contract Administrator
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- **Lynn Sobel**, Senior Development Advisor
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- **Kristen Syzmonik**, Manager of Public and Professional Education
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- **Tracey Welch**, Graphics Designer
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- **Susan Williams**, Senior Director of Communications
- **Julie Yates**, Senior Clinical Investigation Leader
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