

SOCIÉTÉ  
CANADIENNE DE  
**THORACOLOGIE**



CANADIAN  
**THORACIC**  
SOCIETY

**ADVANCING KNOWLEDGE. IMPROVING OUTCOMES.**



**2017 ANNUAL REPORT**

[cts-sct.ca](http://cts-sct.ca)

# MISSION

The Canadian Thoracic Society promotes lung health by enhancing the ability of lung health professionals through leadership, collaboration, research, learning and advocacy, and providing the best respiratory practices in Canada.



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# PRESIDENT'S MESSAGE



**These days change is the common denominator for any organization with aspirations of excellence.** CTS is a prime example—over the past two years we have been challenged to evolve as part of our transition to an independent professional society. I'm pleased to share some of the very latest developments with you in this annual report.

First, physical change: In the fall of 2017, CTS moved into our own office space. This move signals an

end to our cohabitation with The Lung Association, but not to our close collaboration with our shared interests in supporting respiratory research and patient advocacy. We expect to be doing business with The Lung Association for years to come. Our new neighbor and landlord is the Canadian Society of Hospital Pharmacists in the south-west end of Ottawa. I know the CTS team would welcome any CTS members to our new office if you are ever in the nation's capital and would like to drop by on the way to or from the airport!

More visible to our members and partners are the changes in our virtual 'home' as we have established a new website domain: [cts-sct.ca](http://cts-sct.ca)! By the time you read this, the new CTS website will be operational—a fresh new site with improved opportunities for enhanced member engagement. This move to a new domain also means new email address for CTS ([info@cts-sct.ca](mailto:info@cts-sct.ca))—please make note of our staff contact information in this report and on the website.

Along with activities under each of the four pillars of our strategic plan outlined in this report, CTS has renewed our focus on enhancing member engagement, including the integration of members of the pediatric and health professional assemblies across all CTS initiatives, improving succession planning within committees, and the development of opportunities for up and coming members, residents and trainees. Of particular note in our evolution as an inter-disciplinary society is that in April 2017 Dina Brooks, PhD, PT joined the CTS Executive.

An important engagement strategy currently underway is a review of the CTS clinical assembly model. The majority of assemblies have been committees of 8–15 people engaged in the production of guidelines and position statements. CRHP and Pediatric Assemblies have been the exception, being constituent-based assemblies. While evidence-based clinical practice will continue to be a primary focus of assembly task groups, we are looking to expand the role and membership of the assemblies to foster networking and to provide broad-based input to our work plan priorities. We will be seeking input and advice on how we can expand CTS member involvement based on their clinical and research interests. We expect to pilot an example of the new assembly model in Vancouver at the Canadian Respiratory Conference (April 12–14, 2018).

A new business model that includes corporate sponsorship and new income generation streams is being implemented to secure financial support for the implementation of our strategic plan.

We've introduced medical education programs that serve our industry partners as well as our members. The development of our new journal, wholly owned by CTS, has been central to our effort to diversify and over time will be an enhanced source of revenue for the society. We are grateful for the leadership and expertise of our Editor in Chief, Peter Paré, who has been at the helm of this enterprise and to those members who have contributed to the success of the first year of the *Canadian Journal of Respiratory, Critical Care and Sleep Medicine*. We have a strong foundation upon which to build in order to secure an impact factor, which will be the focus in the year ahead.

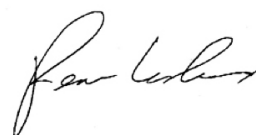
CTS is also focusing on sustaining and expanding partnerships with other organizations including, American Thoracic Society (ATS), CHEST, European Respiratory Society (ERS), Canadian Cardiovascular Society, Canadian Critical Care Society, Canadian Sleep Society, and The Lung Association. This creates and enhances member opportunities to participate in and lead national and international initiatives, and strengthens capacity to provide educational offerings to members. These efforts are also creating and diversifying CTS income opportunities, as well as broadening the scope and impact of our journal, the annual Canadian Respiratory Conference, and CTS member opportunities and benefits.

Many highly dedicated members have been involved in our activities this past year and the CTS Board acknowledges their expertise and commitment to advancing knowledge and improving outcomes in respiratory health. Looking ahead, we are committed to keep members connected, informed, educated and recognized for their effort and contribution to respiratory health. Ensuring the viability and vitality of our growing society will continue to be a significant focus for the CTS Executive and Board of Directors in the months ahead. We have reached the mid-point in implementing our strategic plan for 2015–2020 and will undertake a review at our Board meeting in April 2018.

We anticipate that all of these efforts will further the development of a strong and vibrant membership-based professional society. CTS has its challenges but we are moving forward with great optimism, purpose and momentum. If you are already a member, your personal efforts to promote CTS will also help: invite your colleagues, fellows and students to join the national specialty society for respirology and research.

On behalf of the CTS Board of Directors, I thank you for your support and participation and invite your continued involvement in CTS to contribute to our efforts to improve lung health for all Canadians!

Respectfully yours,



**Pearce Wilcox, MD, FRCPC**  
PRESIDENT, CANADIAN THORACIC SOCIETY

## Foster innovation to promote evidence-based clinical practice

Drive the rapid implementation of new knowledge in clinical practice using guidelines, knowledge transfer and cutting-edge research.

We are very proud of the high quality and evidence-based publications produced by our dedicated members every year.

### 2017 publications

- *Pediatric home mechanical ventilation* – CTS Clinical Practice Guideline
- *Evaluation of patients with fibrotic interstitial lung disease* – CTS Position Statement
- *Recognition and management of severe asthma* – CTS Position Statement
- *Pharmacotherapy in patients with COPD—An Update* – CTS Position Statement
- *Exercise prescription practices in pulmonary rehabilitation programs*
- *Continuing professional development, training opportunities, and research participation of pulmonary rehabilitation programs in Canada: A rural versus urban comparison*
- *Choosing Wisely—The Canadian Thoracic Society's list of six things that physicians and patients should question*

### In development

- Asthma, severe asthma and COPD slim jims and teaching slide decks
- Update of the 2011 CTEPH guideline
- Update of the 2011 Obstructive Sleep Apnea and Home Mechanical Ventilation adult guidelines
- Exploration of a joint pediatric OSA guideline with the Canadian Sleep Society
- *De novo* guideline on cannabis and the lung
- Improvements to the IAM medical guideline App in disseminating position statement key messages in asthma in preschoolers, severe asthma and pharmacotherapy of COPD

### Collaboration with key partners to maximize knowledge translation:

#### Canadian Association of Emergency Physicians

Collaborated to appoint an emergency physician on CTS Asthma guideline panel

#### Canadian Cardiovascular Society

Collaboration in the development of a joint statement on the treatment of pulmonary hypertension

#### Canadian Foundation for Healthcare Improvement

Participated in the Merit Review Panel for the COPD INSPIRED Scale Collaborative

#### Canadian Respiratory Research Network

Member of the Stakeholder Advisory Committee

#### Canadian Sleep & Circadian Network

Member of the Stakeholder Alliance of the Network's Knowledge Mobilization Committee

#### Canadian Tuberculosis Elimination Network

Facilitation and secretariat support for this emergent national coalition promoting the exchange and promotion of best practice across Canada and with the federal government

#### College of Family Physicians of Canada

Collaborated to appoint family physicians to the CTS COPD guideline panel

#### Immunize Canada

Member organization of Immunize Canada

#### RESPIPLUS

Collaborated to involve a patient in the CTS COPD guideline panel

#### RESPTREC™

Provision of content experts to update and develop curriculum for the training of certified respiratory educators across Canada

#### The Lung Association

Provision of scientific and medical content experts and media spokespersons

## Guidelines Collaboration with CHEST (American College of Chest Physicians)

In 2017, the CTS Canadian Respiratory Guidelines Committee and CHEST Guidelines Oversight Committee developed a framework to facilitate mutual organizational understanding, enhance awareness of guideline related activities, assist proactive and collaborative planning (pipeline), and to build on the historically productive relationship between CTS and CHEST. The collaboration with CHEST could serve as a model for future guidelines collaborations with other societies.

## Canadian Journal of Respiratory, Critical Care and Sleep Medicine—official journal of the CTS

2017 was the first year of operation and the journal published four issues. We are grateful to the staff of Taylor and Francis Group and our dedicated Editorial Board and Associates Editors for their commitment to excellence and for laying a strong foundation upon which to build our future impact factor.



## STRATEGIC #2 DIRECTION

# Provide state-of-the-art professional education to transform lung healthcare

Enhance the CTS' ability to customize its programs and services to meet the continuing education needs of its members and other healthcare professionals.

### 2017 program highlights:

Delivered the 10th Annual Canadian Respiratory Conference (CRC) in April 2017 in Montréal, QC

Ultrasound in Respiriology and Bronchoscopy simulation courses delivered by the Clinical Assembly on Chest Procedures within the Scientific Program at CRC 2017

Co-Chaired the CHEST Annual Meeting in Toronto, ON in October 2017

Delivered the annual CTS Scientific Program at CHEST in October 2017

Delivered the National Senior Respiratory Fellows Symposium (NSRFS) and simulated respirology exam to 38 residents in collaboration with Program Directors in April 2017

Implemented the annual Pediatric Respirology Fellows Day led by the Pediatric Assembly for 14 fellows in conjunction with CRC 2017 Montreal, QC

The CRHP Leadership Council developed a series of webinars for assembly members including cross-promotion of RESPTREC™ educational webinars

“Management of IPF: Current Treatment Strategies”, a co-developed CME program with Boehringer Ingelheim, delivered in 10 cities across Canada was concluded in April 2017

Implementation of CHEST PREP Canada, a collaboration with CHEST (American College of Chest Physicians), was introduced by CTS in 2016 to provide certified clinical education for industry representatives. The inaugural CHEST PREP course on the topic of COPD was developed and delivered by CTS faculty for Astra Zeneca Canada's pharmaceutical representative team in December 2016. A public offering of this program was repeated in December 2017. Astra Zeneca, GSK, Novartis and Trudell, sent representatives to this program which included the 2017 update on COPD pharmacotherapy. Additional programs for severe asthma, interstitial lung disease, and pulmonary hypertension curriculum will be developed in 2018.

## Promote cutting-edge lung health research

Support the implementation of the National Respiratory Research Strategy to improve prevention, screening, diagnosis, treatment, support systems and palliation of respiratory diseases.

### In 2017, CTS

Participated in the annual meeting of the Canadian Respiratory Research Network in Ottawa as a member of the CRRN Stakeholder Advisory Committee, January 2017

Recognized excellence in respiratory research, particularly by young investigators, through

- the 9th annual Canadian Respiratory Health Professionals Poster Award at the Canadian Respiratory Conference in Montreal, April 2017, and
- the 7th annual CTS Research Poster Competition at the ATS International Conference in Washington, D.C. in May 2017. 30 abstracts by young Canadian investigators (15 basic and 15 clinical) were selected for adjudication from approximately 300 submissions. The competition included a presentation to young investigators about career paths in research.

### JAMES C. HOGG BASIC RESEARCH AWARD

Winner: **Necola Guerrina**

Runners up: Marcello Masciantonio and Denise Wooding

### FREDERICK (FREDDY) HARGREAVE CLINICAL RESEARCH AWARD

Winner: **Sarah Svenningsen**

Runners up: Aleksandra Leligdowicz and Tetyana Kendzerska

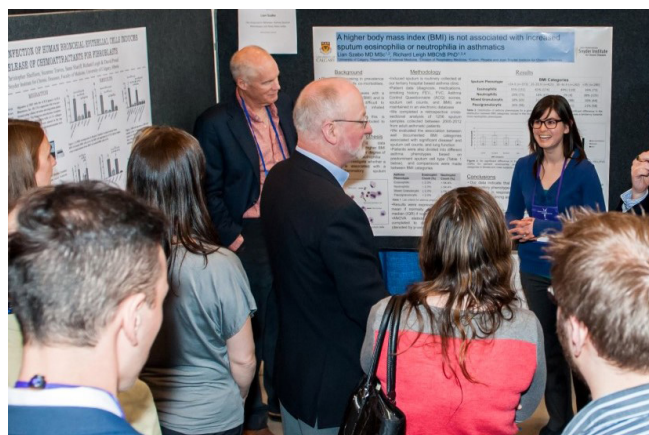
Mentored respiratory research trainees at the PhD and post-doctoral levels at the 3rd annual RENASCENT Training Workshop, held in conjunction with the Canadian Respiratory Conference in Montreal, April 2017. CTS is a collaborating partner in the program co-presented by CIHR-Institute for Circulatory and Respiratory Health and The Lung Association.

Hosted a conjoint presentation with the European Respiratory Society at the 2017 Canadian Respiratory Conference to explore collaboration between research networks in Europe and Canada (EMBARC European Respiratory Bronchiectasis Registry, U-BIOPRED Platform for defining asthma phenotypes and the Canadian Registry for Pulmonary Fibrosis)

Proposed peer reviewers from our membership for The Lung Association's national grant review panels and adjudication of research fellowships and studentships.

### Requests for Letters of Support

In April 2017, the CTS Board of Directors approved a new policy to apply a consistent approach for requests for Letters of Support from members who are applying for research funding. The policy is available on the CTS website at [cts-sct.ca/research/](http://cts-sct.ca/research/). CTS is committed to assisting our members to attract funding for respiratory research.





## Develop the next generation of respiratory health professionals and researchers

Provide clinical and research opportunities for careers in the respiratory field to enrich the respiratory specialty.

### CTS undertook the following specific initiatives to facilitate and support career development:

Delivered the 2017 National Senior Respiratory Fellows Symposium and Exam Preparation Course

Delivered the 2017 Pediatric Respiriology Fellows Day

Hosting and maintenance of the Pediatric Respiriology 'Cross Canada Rounds' website

Introduction of interdisciplinary career-oriented concurrent sessions at CRC 2017

Promotion of the Extended Canadian Training Opportunities and Respiratory Fellowships on the CTS Member Portal

Integration of CRHP members, fellows and early career professionals in CTS committees and clinical assemblies

Initiated a review of the clinical assembly model and governance structure to explore ways to attract and engage members and leaders early in their career (for approval in 2018)



MEMBER  
SINCE 2007

GAIL DECHMAN  
PhD, Physiotherapist | Halifax, NS

**“As a CRHP member, I have access to evidence-based resources and tools that support student education.”**

# 2017 AWARDS AND RECOGNITION



## DISTINGUISHED ACHIEVEMENT

**Andrew Halayko**  
CTS Past President

**Jean Bourbeau**  
Awardee

**Pearce Wilcox**  
CTS President



## CANADIAN RESPIRATORY HEALTH PROFESSIONALS DISTINCTION AWARD

**Gail Dechman**  
Past Chair, CRHP

**Margot Underwood**  
Awardee

**Véronique Pepin**  
Chair, CRHP



## LIFETIME ACHIEVEMENT IN PEDIATRIC RESPIRATORY MEDICINE

**Pearce Wilcox**  
CTS President

**Larry Lands**  
Awardee

**Andrew Halayko**  
CTS Past President



## CANADIAN RESPIRATORY HEALTH PROFESSIONALS POSTER AWARD

**Véronique Pepin**  
Chair, CRHP

**Judith Soicher**  
Awardee

**Gail Dechman**  
Past Chair, CRHP



<b>DISTINGUISHED ACHIEVEMENT</b> <b>Jean Bourbeau</b> Montréal, QC	<b>LIFETIME ACHIEVEMENT IN PEDIATRIC RESPIRATORY MEDICINE</b> <b>Larry Lands</b> Montréal, QC	<b>CRHP DISTINCTION AWARD</b> <b>Margot Underwood</b> Calgary, AB
<b>CIHR / ICRH-CTS DISTINGUISHED LECTURE IN RESPIRATORY SCIENCES</b> <b>Arthur S. Slutsky</b> Toronto, ON	<b>CTS HONORARY LECTURE AT CHEST</b> <b>Don Sin</b> Vancouver, BC	<b>CRHP POSTER AWARD</b> <b>Judith Soicher</b> Montréal, QC
<b>FREDDIE HARGREAVE CLINICAL RESEARCH POSTER AWARD</b> <b>Sarah Svenningsen</b> London ON	<b>JIM HOGG BASIC SCIENCE RESEARCH POSTER AWARD</b> <b>Necola Guerrina</b> Montréal, QC	

Heartfelt thanks to our Chairs and Co-Chairs who provide leadership to the work of CTS clinical assemblies and other key initiatives in 2017:

ASTHMA  
Mark FitzGerald / Catherine Lemièrre

CANADIAN RESPIRATORY HEALTH  
PROFESSIONALS LEADERSHIP COUNCIL  
Véronique Pepin

COPD  
Paul Hernandez /  
Donna Goodridge

HOME MECHANICAL VENTILATION  
Doug McKim / Jeremy Road

CHEST PROCEDURES  
Christopher Hergott

PEDIATRIC ASSEMBLY  
David Zielinski

INTERSTITIAL LUNG DISEASE  
Martin Kolb

PULMONARY FUNCTION STANDARDS  
Brian Graham

PULMONARY VASCULAR DISEASE  
Steeve Provencher /  
Doug Helmersen

SLEEP DISORDERED BREATHING  
Najib Ayas

CANADIAN RESPIRATORY  
CONFERENCE 2017  
Catherine Lemièrre /  
Trent Litzenberger

CANADIAN RESPIRATORY CONFERENCE  
SCIENTIFIC COMMITTEE  
Paul Hernandez /  
Véronique Pepin

CHOOSING WISELY TASK FORCE  
Samir Gupta

NATIONAL SENIOR RESPIRATORY  
FELLOWS SYMPOSIUM  
Alia Kashgari

PEDIATRIC RESPIROLOGY  
FELLOWS DAY  
Melinda Solomon /  
Sze-Man Tse

**And also to those who represent  
CTS with partner organizations:**

NATIONAL REPRESENTATIVE TO THE  
EUROPEAN RESPIRATORY SOCIETY  
George Fox

ROYAL COLLEGE SPECIALTY COMMITTEE  
FOR RESPIROLOGY  
Ashley Gillson

2017 CHEST ANNUAL MEETING PROGRAM  
PLANNING COMMITTEE  
Diane Lougheed (Co-Chair),  
Jean Bourbeau, John Gjevre

THE LUNG ASSOCIATION NATIONAL BOARD  
Gail Dechman, Andrew Halayko

THE LUNG ASSOCIATION NATIONAL  
RESEARCH STEERING COMMITTEE  
Dina Brooks, Andrew Halayko,  
Larry Lands, Chris Liciskai,  
Mika Nonoyama

#### CTS Staff Team

EXECUTIVE DIRECTOR  
Janet Sutherland

DIRECTOR, KNOWLEDGE MOBILIZATION  
Anne Van Dam

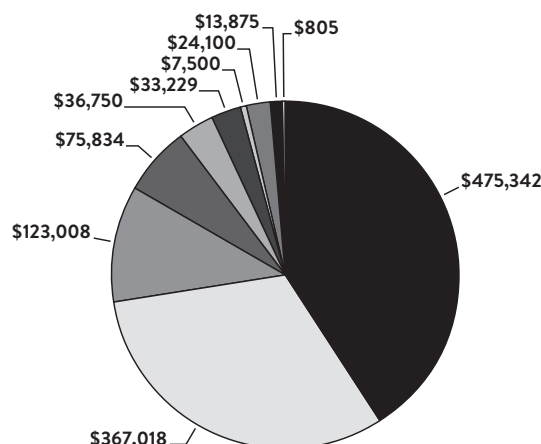
MANAGER, EDUCATION AND CONTINUING  
PROFESSIONAL DEVELOPMENT  
Audrey McNeill

EXECUTIVE ASSISTANT  
Katherine Strong (to September 2017)

# 2017 CTS FINANCIAL REPORT

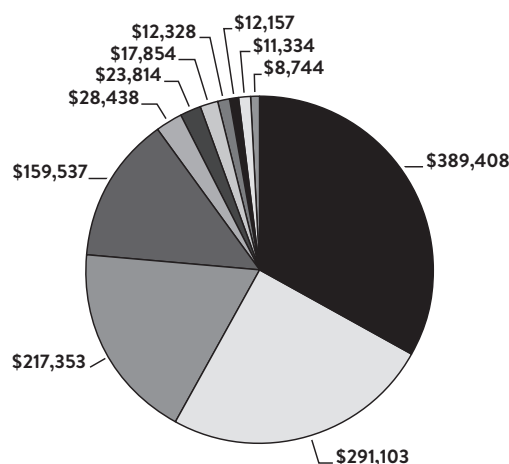
## Sources of revenue = \$1,157,461

REVENUE	%	\$
Conference	41%	\$475,342
Corporate sponsorship	32%	\$367,018
Membership	11%	\$123,008
Event / program revenue	7%	\$75,834
Licensing agreement	3%	\$36,750
Journal / publications	3%	\$33,229
Advertising	1%	\$7,500
Project grants	2%	\$24,100
Accreditation	1%	\$13,875
Interest / foreign exchange	0%	\$805
<b>Total</b>	<b>100%</b>	<b>\$1,157,461</b>



## Expense by category = \$1,172,070

EXPENSES	%	\$
Conference	33%	\$389,408
Salaries and benefits	25%	\$291,103
Travel and meetings	19%	\$217,353
Operations	14%	\$159,537
Awards and recognition	2%	\$28,438
Rent and shared expenses	2%	\$23,814
Contractors (projects)	2%	\$17,854
Promotion	1%	\$12,328
Bank and service charges	1%	\$12,157
Legal / audit	1%	\$11,334
Printing	1%	\$8,744
<b>Total</b>	<b>100%</b>	<b>\$1,172,070</b>
<b>NET</b>		<b>(\$14,609)</b>



## Audited financial statement

REVENUE	2017	2016
Sponsorship	\$367,018	\$407,161
Grants / sponsorship	\$24,100	\$268,029
Conference	\$475,342	\$586,916
Education programs	\$105,915	\$124,550
Membership	\$123,008	\$96,105
Journal / publications	\$33,229	\$41,211
Accreditation	\$13,875	\$2,875
Other / advertising	\$14,169	\$11,002
Interest / foreign exchange	\$805	\$667
<b>Total</b>	<b>\$1,157,461</b>	<b>\$1,538,516</b>

EXPENSES	2017	2016
Advertising & promotion	\$93,822	\$69,136
Amortization (CRC)	\$13,600	\$13,600
Conference	\$389,408	\$447,795
Consultants / contractors	\$117,854	\$238,810
Meeting & travel	\$95,412	\$107,716
Office / operations	\$159,537	\$409,375
Professional fees	\$11,334	\$28,641
Salaries & benefits	\$291,103	\$189,019
<b>Total</b>	<b>\$1,172,070</b>	<b>\$1,504,092</b>
<b>NET</b>	<b>(\$14,609)</b>	<b>\$34,424</b>

The full audited financial statement will be posted on the CTS website and also available upon request via [info@cts-sct.ca](mailto:info@cts-sct.ca)

# SPONSORS

## 2017 Corporate sponsors

### PLATINUM



### GOLD



### SILVER



### BRONZE

## 2017 Conference sponsors

### PLATINUM

**Boehringer  
Ingelheim**

### GOLD

**GSK  
Novartis**

### SILVER

**AstraZeneca  
Grifols  
Merck**

### BRONZE

**Actelion  
Roche  
Teva Canada  
Innovation**

### FRIENDS

AllerGen NCE Inc. | American Thoracic Society | AutoControl Medical | BD Annexa  
Canadian Foundation for Healthcare Improvement (CFHI) | CHEST (American College of Chest Physicians)  
Cyclomedica Canada Ltd. | European Respiratory Society | Intersurgical Canada | Johnson & Johnson Inc. Canada  
ManthaMed Inc. | MEDA Pharmaceuticals Ltd. | Medela Canada Inc. | Réseau québécois d'éducation en santé respiratoire  
Sanofi Pasteur | Taylor & Francis Group | THORASYS Thoracic Medical Systems Inc. | Trudell Medical International

The CTS also acknowledges the support of Health Canada

## 2017 Program sponsors

### PEDIATRIC RESPIROLOGY FELLOWS DAY

**Vertex**

### ULTRASOUND IN RESPIROLOGY SIMULATION COURSE

**Fujifilm / Sonosite  
Cook Medical**

### BRONCHOSCOPY SIMULATION COURSE

**Boston Scientific  
Pentax Medical (Canada)**





CANADIAN  
**THORACIC**  
SOCIETY

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