

SOCIÉTÉ
CANADIENNE DE
THORACOLOGIE



CANADIAN
THORACIC
SOCIETY

**ADVANCING
KNOWLEDGE.
IMPROVING
OUTCOMES.**

2016 ANNUAL REPORT

VERSION FRANÇAISE AUSSI DISPONIBLE

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



2016 was our first full year as an independent not-for-profit professional society promoting evidence-based practice, education, research and the development of early career professionals. The past year has seen the CTS continue to build toward a more sustainable future while staying the course to deliver on key activities in our four strategic directions, as outlined in this report. Key developments include:

The inclusion of the Canadian Respiratory Health Professionals (CRHP), effective April 2016, as a CTS clinical assembly with Board of Directors representation. CRHP members bring expertise in respiratory therapy, physiotherapy, pharmacology, nursing, patient education and more. This makes CTS stronger, with broader reach, and greater potential for real impact in adult and pediatric respiratory health, and increased capacity for inter-disciplinary care to improve patient outcomes.

CTS assumed the legal and fiduciary responsibility for the Canadian Respiratory Conference, our annual scientific meeting. The Lung Association will remain a collaborating partner and CRHP will continue to co-chair the planning committee and co-develop the scientific program.

The development of our new journal: the *Canadian Journal of Respiratory, Critical Care and Sleep Medicine*. The *CTSJ*, or “red-and-white journal” will strengthen outreach, the value of CTS membership, and provide a vehicle for the publication of CTS evidence-based clinical practice guidelines and position statements. Working with our new publisher, Taylor and Francis, the *CTSJ* business model will benefit the CTS bottom line and builds an asset to support financial sustainability and capacity for communication, national and international recognition and collaboration, and ensuring our members are informed of state-of-the-art medical and research advances.

The creation of a new brand identity for CTS, including a logo and tag line “Advancing knowledge. Improving outcomes.”, that builds on our rich history of fifty-eight years while projecting our collective strength and vision for the future.

Expanding our partnerships with the American Thoracic Society (ATS), CHEST, European Respiratory Society (ERS), and The Lung Association in order to enhance member opportunities to participate in and lead national and international initiatives, as well as broaden the scope and impact of the Canadian Respiratory Conference and expand member benefits. A new joint membership program has been launched with the European Respiratory Society and our collaboration with CHEST has provided CTS with a new opportunity to provide a certified education program to our industry partners.

These exciting times emerge from work of my colleagues in the CTS Executive Committee and Board of Directors, and CTS Executive Director Janet Sutherland and her staff. CTS is nothing without the dedication of our members and the work of our standing committees, clinical assemblies and CRHP Leadership Council. The dedication, commitment and countless hours of volunteer work of members is the fuel that runs the CTS engine. Let me also highlight and thank our partners. This includes The Lung Association whose leadership has been transparent and extremely supportive in our transition to independence. Our success is also closely tied to strong partnership with our corporate sponsors, who sit as members of the CTS Industry Advisory Council, providing indispensable arms-length and on-going support. On behalf of the CTS Board, I extend our heartfelt gratitude to all members, partners and sponsors for their collaboration with CTS in the achievement of our mission.

Respectfully yours,

Andrew Halayko, PhD, FCAHS
PRESIDENT, CANADIAN THORACIC SOCIETY





The CTS continues to build toward a more sustainable future while staying the course to deliver on key activities in our four **STRATEGIC DIRECTIONS**.

Leadership in fostering 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 CTS members every year. Here are some examples of our 2016 initiatives:

Completion of the CTS Pediatric Home Mechanical Ventilation Guideline (in press, March 2017).

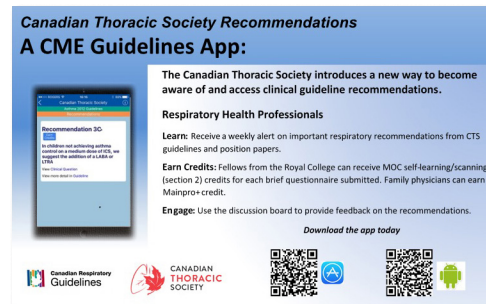
Development of a position statement on the *Diagnostic Evaluation of Fibrotic Interstitial Lung Disease*, for publication in spring 2017.

Completion of research reports on exercise prescription practices and the training needs of healthcare professionals in pulmonary rehabilitation programs.

Participation in the Choosing Wisely Canada campaign to help physicians and patients engage in conversations about unnecessary tests and treatments in respiratory care. Five evidence-based recommendations will be published in spring 2017.

Initiated an update on pharmacotherapy in COPD and a position statement on treatment of severe asthma.

Developed an interactive slide deck for CME on prevention of AECOPD.



▲ A collaboration with McGill University and the College of Family Physicians to produce electronic notification of CTS guideline recommendations for asthma using the **Information Assessment Method (IAM)** with CME credits for specialists, primary care physicians and healthcare professionals.

Collaboration with key partners to maximize knowledge translation:

American Thoracic Society

Statements in pulmonary rehab and perioperative issues in Obstructive Sleep Apnea

Canadian Cardiovascular Society

Joint statement on treatment of pulmonary hypertension

Canadian Task Force on Preventive Health Care

Recommendations on behavioural interventions for prevention & treatment of cigarette smoking in school-aged children and youth

Canadian Association of Radiologists

Lung cancer screening guidelines

Canadian Tuberculosis Elimination Network

CTS serves as secretariat of this emerging national coalition promoting the exchange of best practice

Three major policies were approved to facilitate the production, dissemination, implementation and evaluation of clinical practice guidelines and position statements:

CTS Endorsement Policy

Clarified criteria and process: A CTS member vetted by the relevant clinical assembly and appointed by the CTS Executive is required to facilitate official collaboration and endorsement.

CTS Publications Approval Process

Defined a more rigorous review and approval process leading up to publication.

CTS Guidelines and Position Statements Update Policy

Each guideline or position statement is to undergo a review process, a maximum of three years after publication, to determine if an update is required.

Leadership in providing 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.

A comprehensive Needs Assessment for Continuing Professional Development was developed by the Education Committee in preparation for the implementation of Competency-Based CPD, introduced in 2016 by the Royal College. The results of the Needs Assessment will be an important tool in the design of CPD activities for CTS members, and the evolution of CTS as a CPD provider.

In collaboration with Respiriology Program Directors, the curriculum and design of the National Senior Respiriology Fellows Symposium (NSRFS) was updated to reflect significant changes made to the Royal College exam format.

2016 program highlights:

9th Annual Canadian Respiratory Conference (CRC) in April 2016 in Halifax, NS

CTS Scientific Program in conjunction with the CHEST Annual Meeting in Los Angeles, CA in October 2016

National Senior Respiriology Fellows Symposium (NSRFS) and simulated respiratory exam, April 2016

Pediatric Respiriology Fellows Day, organized by the Pediatric Assembly, in conjunction with CRC 2016 in Halifax, NS.

Ultrasound in Respiriology simulation course delivered by the Clinical Assembly on Chest Procedures at CRC 2016, and as a special session for residents attending NSRFS.

Quarterly webinars on topics in interventional respiratory hosted by the Clinical Assembly on Chest Procedures

Development of webinar series for CRHP members including cross-promotion of RESPTREC™ educational webinars

Implementation of an accredited CME program: "Management of IPF: Current Treatment Strategies" co-developed with Boehringer Ingelheim



Professional Representative Education Program (PREP)
Industry education offerings for pharmaceutical, life science, and medical device partners – developed and delivered by global thought leaders

PREP (Professional Representative Education Program) is an unbranded, disease-state clinical immersion program offered by the American College of Chest Physicians (CHEST) and the Canadian Thoracic Society (CTS) to industry partners and their teams, advancing knowledge into understanding that builds confidence for engagement in clinical conversations with health-care teams.

PREP's benefits include:

- Helping industry representatives establish credibility, stay up to date, gain mastery and confidence.
- Deepening the participant's understanding of the disease by reinforcing concepts with practical exercises.
- Participants receiving a 3-year certification specific to that disease state.

Target Audiences:

- Marketers
- Medical Liaisons
- Sales Representatives
- Sales Managers
- Trainers

PREP certification programs can be developed for a variety of disease states and clinical interventions to address:

- asthma
- COPD
- pulmonary fibrosis
- sleep apnea
- and more!

CHEST PREP

AMERICAN COLLEGE OF CHEST PHYSICIANS
CHEST

ASSOCIATION OF CANADIAN THORACIC SOCIETIES
PREP

CANADIAN THORACIC SOCIETY

▲ **CHEST PREP Canada**, an exciting new partnership program in collaboration with CHEST (American College of Chest Physicians,) was introduced by CTS 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. Plans are underway to deliver curriculum on asthma by the fall of 2017. Interstitial lung disease and pulmonary hypertension curriculum will also be developed.

Leadership in fostering 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 2016, our CTS and CRHP members:

Provided expertise to The Lung Association to determine research priorities within the strategy and funding decisions in the annual national grant review process

Recognized excellence in Canadian research, particularly by young investigators, through the annual CTS Research Poster Competition at the ATS International Conference and the CRHP poster award at the Canadian Respiratory Conference.

Participated in research networks—fostering international collaborations and featuring young investigators from the Canadian Respiratory Research Network in the program at the Canadian Respiratory Conference

Promoted and participated in the *Breathing as One* national fundraising campaign for research

Leadership in fostering 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 provided specific programs to facilitate and support career development:

Delivered the 2016 National Senior Respiratory Fellows Symposium and Exam Preparation Course

Delivered 2016 Pediatric Respiriology Fellows Day

Updated the Pediatric Respiriology 'Cross Canada Rounds' website

Introduced a new interdisciplinary career-oriented track for CRC 2017

Developed approaches to attract and engage candidates as members and leaders early in their career, eg. Integration of CRHP members, fellows and early career professionals in CTS committees and clinical assemblies



▲ 2016 CRHP poster award presented by CRHP Research Chair **Tania Janaudis-Ferreira** to **Kim-Ly Bui**.

2016 AWARDS AND RECOGNITION



ANDREW HALAYKO
CTS President

PETER PARÉ
Awardee

BRIAN ROWE
CIHR-ICRH Scientific Director

DISTINGUISHED ACHIEVEMENT Robin G. McFadden London ON	DEDICATED SERVICE Roger Michael Halifax NS	LIFETIME ACHIEVEMENT IN PEDIATRIC RESPIRATORY MEDICINE Dan Hughes Halifax NS
CRHP DISTINCTION AWARD Sunita Mathur Toronto ON	CIHR / ICRH-CTS DISTINGUISHED LECTURE IN RESPIRATORY SCIENCES Peter D. Paré Vancouver BC	CTS HONORARY LECTURE AT CHEST Darcy Marciniuk Saskatoon SK
CRHP POSTER AWARD Kim-Ly Bui Montreal, QC	FREDDIE HARGREAVE CLINICAL RESEARCH POSTER AWARD Sarah Perry Kelowna, BC	JIM HOGG BASIC SCIENCE RESEARCH POSTER AWARD Sahil Gupta Toronto ON

Heartfelt thanks to our Chairs and Co-Chairs who provide leadership to the work of CTS clinical assemblies and other key initiatives in 2016:

ASTHMA
Mark FitzGerald / Francine Ducharme and Richard Leigh (to April 2016)
CANADIAN RESPIRATORY HEALTH PROFESSIONALS LEADERSHIP COUNCIL
Gail Dechman
COPD
Paul Hernandez and Donna Goodridge
HOME MECHANICAL VENTILATION
Doug McKim and Jeremy Road
CHEST PROCEDURES
Christopher Hergott
PEDIATRIC ASSEMBLY
Melinda Solomon / Mark Chilvers (to April 2016)
INTERSTITIAL LUNG DISEASE
Martin Kolb / Charlene Fell (to April 2016)
PULMONARY FUNCTION STANDARDS
Brian Graham

PULMONARY VASCULAR DISEASE
Steeve Provencher
SLEEP DISORDERED BREATHING
Najib Ayas
TUBERCULOSIS & INFECTIOUS DISEASE
Dick Menzies
CANADIAN RESPIRATORY CONFERENCE 2016
Andrew Halayko, Gail Dechman
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
Mark Chilvers, Melinda Solomon

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
Mohit Bhutani
CHEST ANNUAL MEETING PROGRAM PLANNING COMMITTEE
Jean Bourbeau, John Gjevre, Diane Loughheed
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

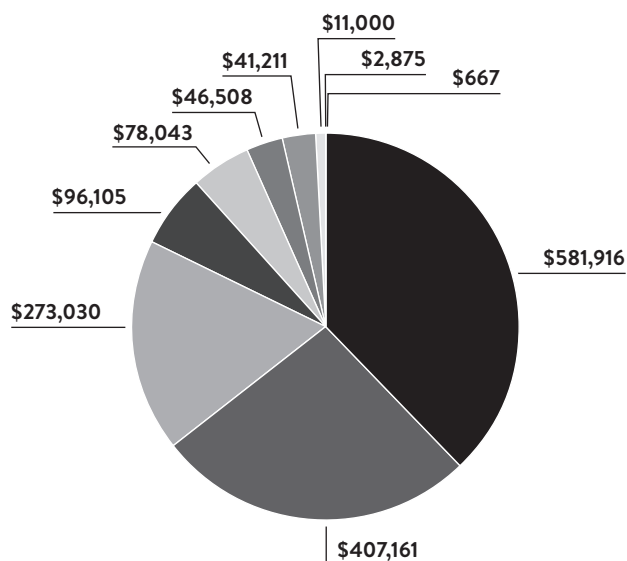
CTS Staff Team:

EXECUTIVE DIRECTOR
Janet Sutherland
MANAGER OF EDUCATION AND KNOWLEDGE TRANSLATION
Kristen Curren (to November 2016)
PROJECT COORDINATOR
Audrey McNeill / Meriem Bougrassa (to April 2016)
EXECUTIVE ASSISTANT
Katherine Strong

2016 CTS FINANCIAL STATEMENT

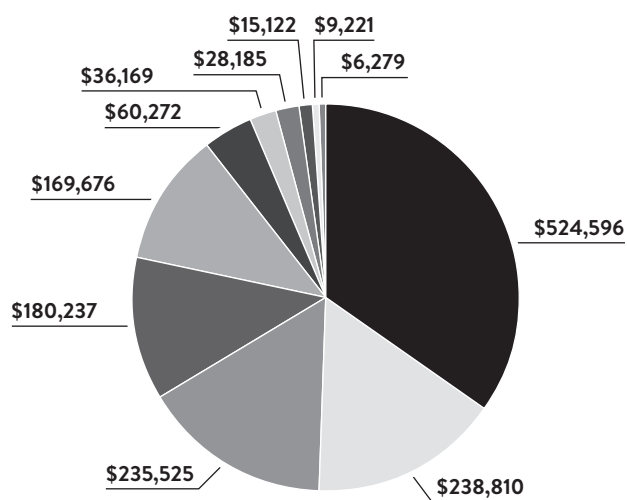
Sources of revenue = \$1,538,516

REVENUE	%	\$
■ Conference	38%	\$581,916
■ Corporate sponsorship	26%	\$407,161
■ Project sponsorship	18%	\$273,030
■ Membership	6%	\$96,105
■ Licensing agreement	5%	\$78,043
■ Event / program revenue	3%	\$46,508
■ Sales of publications	3%	\$41,211
■ Advertising	0.7%	\$11,000
■ Accreditation	0.2%	\$2,875
■ Interest	0.2%	\$667
Total	100%	\$1,538,516



Expense by category = \$1,504,092

EXPENSES	%	\$
■ Conference	35%	\$524,596
■ Contractors (Projects)	16%	\$238,810
■ Salaries and benefits	16%	\$235,525
■ Travel and meetings	12%	\$180,237
■ Operations	11%	\$169,676
■ Rent and shared expenses	4%	\$60,272
■ Awards and recognition	2%	\$36,169
■ Legal / audit	2%	\$28,185
■ Printing	1%	\$15,122
■ Bank and service charges	0.6%	\$9,221
■ Advertising	0.4%	\$6,279
Total	100%	\$1,504,092
NET		\$34,424



The full audited financial statement will be posted on the CTS website and also available upon request via ctsinfo@lung.ca

SPONSORS

2016 Corporate sponsors

CTS is grateful for the collaboration and support of our 2016 corporate sponsors and members of the Industry Advisory Council:

PLATINUM



GOLD



SILVER



BRONZE



2016 Conference sponsors

PLATINUM

Boehringer
Ingelheim

GOLD

GSK
Novartis

SILVER

AstraZeneca
Grifols
Merck
Teva Canada
Innovation

BRONZE

Actelion
Pfizer
Roche
Vertex

FRIENDS

AllerGen NCE Inc. | Alpha 1 Antitrypsin Deficiency Canada | American Thoracic Society
Canadian Foundation for Healthcare Improvement | CHEST (American College of Chest Physicians) | European Respiratory Society
Health Canada | ManthaMed Inc. | Methapharm | Peak Medical Specialty Centres | Philips Respironics
Sanofi Pasteur Limited | THORASYS Thoracic Medical Systems Inc. | Trudell Medical International

2016 Program sponsors

ACCREDITED CME: "MANAGEMENT OF IPF: CURRENT TREATMENT STRATEGIES"

Boehringer Ingelheim

PEDIATRIC RESPIROLOGY FELLOWS DAY

Abbvie
Vertex

ULTRASOUND IN RESPIROLOGY SIMULATION COURSE

Annexa Medical Technologies
Cook Medical
Fujifilm / Sonosite
GE Healthcare



ADVANCING KNOWLEDGE.
IMPROVING OUTCOMES.



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