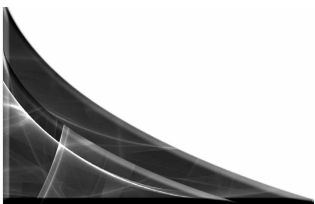


Clinical

and Scientific Section

Annual Report 2008





Clinical & Scientific Section
Canadian Diabetes Association

Statement of Purpose

- To represent within the Canadian Diabetes Association Canada's clinicians and scientists concerned with diabetes.
- To provide leadership in patient care, education, research and in organizational matters.
- To fulfill an advocacy role for Canadians with diabetes.

The Year in Review

As I look back on the past two years and my term as Chair of the Clinical & Scientific Section, I am extremely proud of our accomplishments. The membership and Executive are tremendously committed to the work that we do. So much has been accomplished as the section continues to provide its combined and individual expertise to the work of diabetes, including the 2008 Canadian Diabetes Association Clinical Practice Guidelines for the Prevention and Management of Diabetes in Canada and Practical Diabetes Management (PDM).

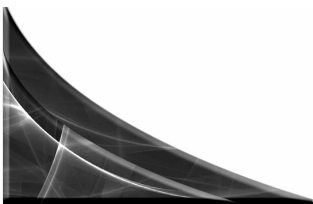
The phenomenal commitment of more than 90 experts from across Canada under the leadership of Dr. Vincent Woo are a true testament to the synergy that is possible when dedicated volunteers meet a challenge head on. As we assemble in Montreal we do so knowing that the new 2008 clinical practice guidelines have been completed and, thanks to Dr. Ian Blumer, have been disseminated to educators, clinicians and scientists across the country. The work of Dr. Woo, Dr. Blumer and the committee exemplifies the commitment of the C&SS.

As the clinical practice guidelines are released, so are the multitudes of updated publications that include references to the guidelines. The Association has worked alongside C&SS to see that their impact is far-reaching.

As a result, the educational volume (PDM) is also being revised. This is to ensure that the content is reflective of the changes set out in the new clinical practice guidelines. C&SS members continue to contribute their expertise to the development of the PDM, alongside the Association and Diabetes Educator Section (DES). In 2008, the volunteers played an important role in the development of the key content.

At the 2008 CDA/CSEM Professional Conference and Annual Meetings in Montréal, attendees will appreciate the efforts of our fellow volunteers, Dr. Bruce Verchere, Linda Mailhot-Hall and Dr. Cheri Deal in positioning another superb conference program and activities. The conference continues to demonstrate itself as the preeminent diabetes event in Canada.

In October 2009 in Montreal, the world will focus on diabetes. For the first time, the International Diabetes Federation will hold its Congress in Canada. This will provide a unique opportunity for Canadians to showcase their extraordinary talent in research, care, management and education regarding diabetes. As national and international activity escalates regarding the national pharmaceutical strategy, post-market surveillance on therapeutics and access issues, the role of the C&SS in promoting the clinical perspective becomes even more critical for the Association.





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The Lifetime Achievement Award, first presented in 2007, has been a great success. The recipient of the 2008 award, bestowed upon a Canadian who is recognized for longstanding contributions to the Canadian diabetes community and as a leader in diabetes research, is Dr. John Dupré. He is well-deserving of this honour. We are fortunate that he will lecture at the 2008 Professional Conference.

Our research colleagues – through the numerous grants review committees and the National Research Council – continue to advance the Research Strategic Plan for the Association. Our many colleagues continue to be front and centre in new discoveries both here in Canada and around the world.

Across the country, with the aid of our dedicated C&SS volunteers, the results of the Association's advocacy efforts are ever more apparent. In Ontario, the insulin pump and supplies program has expanded to include all Ontarians with type 1, and in New Brunswick a similar plan has been put in place in 2008. There has been an important focus on children in this past year: *Kids with Diabetes in School* policy has been renewed, and the Association has led as a member of the Steering Committee with the Chronic Disease Prevention Alliance of Canada on the policy consensus on obesity and the impact of marketing on children.

Our strategic planning has provided us with a useful roadmap that is guiding our efforts at promoting cooperation between the sections and developing opportunities for research. There is still much work to be done.

Thanks so much to the Executive members who provided their time and effort on behalf of the Section membership, and to the many dedicated professionals who volunteer on Committees, do reviews and generally provide advice and support to the Association. Your commitment is sincerely appreciated and your efforts have made my two years as C&SS Chair a pleasure as well as an honour.

Thank you for your support. I look forward to seeing the achievements of C&SS in 2009!

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*Chair, Clinical & Scientific Section
Canadian Diabetes Association*

2007 CDA/CSEM Professional Conference and Annual Meetings

Vancouver, British Columbia October 24–27, 2007

Conference Co-chairs Bruce Verchere PhD (C&SS), David Hanley MD (CSEM) and Linda Mailhot-Hall RD (DES) provided leadership for an outstanding 2007 CDA/CSEM Professional Conference and Annual Meetings. More than 2,400 diabetes educators, clinicians and scientists attended the conference in Vancouver, British Columbia, October 24–27.

Delegates were provided with challenging and provocative sessions that encompassed the world of diabetes and endocrinology from bench to bedside. Program highlights included presentations from internationally and nationally renowned speakers on the following topics:

- Changing Diabetes: A Worldwide Perspective
- Clinical Practice Guidelines: Pre-publication Highlights
- Obesity: Whose Responsibility Is It? Society or Individual
- Lifestyle Modification or Pharmacotherapy for Type 2 Diabetes Prevention
- Evidence vs. Media Risks and Benefits of TZDs

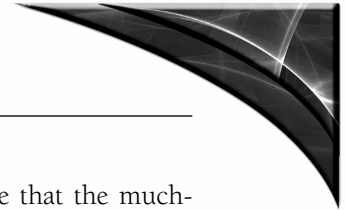
The trade show continues to grow (72 booths, with 632 trade show staff), as does sponsor support of the conference, further substantiating its importance as an increasingly important Canadian diabetes event.

Planning for 2008

Conference Co-Chairs Bruce Verchere PhD (C&SS), Cheri L. Deal PhD MD (CSEM) and Linda Mailhot-Hall RD (DES) have organized a very exciting program for the 2008 conference, which will be held in Montréal, Quebec, October 15–18, 2008.



Clinical Practice Guidelines



The C&SS and the Canadian Diabetes Association are pleased to announce that the much-anticipated *Canadian Diabetes Association 2008 Clinical Practice Guidelines for the Prevention and Management of Diabetes in Canada* will launch in Autumn 2008.

Once again, the clinical practice guidelines are a result of the C&SS, and a collaboration of more than 90 experts from a broad range of healthcare disciplines who donate their time, knowledge and expertise. The 2008 guidelines process has been chaired by Dr. Vincent Woo, with implementation and dissemination chaired by Dr. Ian Blumer.

Launch date

The publication date of the 2008 guidelines is Autumn 2008, to ensure that information from the landmark ACCORD (Action to Control Cardiovascular Risk in Diabetes) and ADVANCE (Action in Diabetes and Vascular Disease: Preterax and Diamicron Modified Release Controlled Evaluation) trials was captured.

Rationale for 2008 guidelines update

In addition to updating previous chapters, a number of new chapters have been added to the 2008 guidelines, widening their scope to other areas of diabetes care and complications. It is hoped that primary care physicians and other healthcare professionals who care for people with diabetes or those at risk of type 2 diabetes will continue to find the evidence compiled in these guidelines a vital aid and resource in their efforts. It is our hope that, ultimately, these guidelines will lead to improved quality of care, reduced morbidity and mortality from diabetes and its complications, and a better quality of life for people living with this chronic disease.

To ensure uniformity with the Canadian Hypertension Education Program (CHEP), the C&SS has formalized its agreement with CHEP. The Canadian Diabetes Association is committed to yearly updates to the guidelines.

Practical Diabetes Management

The *Practical Diabetes Management: Clinical Support for Primary Care Physicians (PDM)* continues to be a valued and well-utilized program across Canada. In 2008, it is undergoing revision in an effort to ensure that the content is reflective of the changes set out in the 2008 Clinical Practice Guidelines.

C&SS members continue to contribute their expertise to the development of the PDM, alongside the Association and the DES.


Liaisons and Partnerships

Nutrition

Accomplishments of the National Nutrition Committee and its sub-committees in 2008 include:

- Publication of the nutrition education resource entitled *Managing Weight + Diabetes: Tips for a Healthy Lifestyle for Adults*; to be launched at the 2008 conference
- Preparation of a nutrition fact sheet on *Functional Foods* directed to adults with diabetes, which defines functional foods and provide tips on how to decide whether to include them and maintain good diabetes management.
- An online survey, conducted in partnership with Novo Nordisk, of the barriers to healthy lifestyle: 2400 responses, including 500 from persons with diabetes, showed that people perceive that they are healthier than they actually are. They find lack of time and money as the main obstacles to healthier lifestyle.
- Preparation of a review article by Doreen Hsu, NNC intern, entitled *Dietary advanced glycation end-products and their effects in diabetes complications*, to be submitted for publication
- Establishment of guidelines to assist the Association's development staff in determining the eligibility of food products that may be included in their programs.
- Assistance in defining the Association's position statement on food security. The position statement establishes the essentiality of healthy food choices and of access to affordable, sufficient, safe and nutritious foods in good diabetes management and prevention of type 2 diabetes. It recommends that governments should work together to develop and implement social policies and programs to ensure that all Canadians have food security.
- Development of partnerships with industry in an effort to help fund nutrition projects/initiatives.



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- Consultation with Health Canada on the National Nutrition Pregnancy Guidelines on Nutrients of Special Concern for a Healthy Pregnancy – folate and iron, on Health claims, Natural Health products, Canada’s Food Guide and Food Security.

Research

Core Research Programs

The 2008 competition received 223 applications in total for the in the following categories:

- Grant-in-Aid
 - Operating Grants: 152 applications
 - Innovation Grants: 35 applications

- Personnel Awards
 - Scholarship Awards: 8 applications
 - Clinician Scientist Awards: 5 applications
 - Post Doctoral Fellowships: 30 applications
 - Doctoral Student Research Awards: 28 applications

Through the support of expert review committees, the 2008 competition resulted in 52 new awards. These awards – combined with our ongoing research commitments – resulted in a total commitment to 116 grants and awards for this year.

Strategic Partnerships

Research partnerships continue to provide opportunities for the Association to fund world-class research and recruit young investigators for diabetes research through novel mechanisms. Synergies among funding partners provide specialized research opportunities that otherwise would not be possible. These unique agreements are strong indicators of the partners’ commitments to the development of future scientists and clinicians in Canada.

Cardiovascular Complications of Diabetes

This is the second year of this partnership with the Canadian Institutes of Health Research (CIHR), Institute of Circulatory and Respiratory Health (ICRH), Institute of Aboriginal Peoples’ Health (IAPH), Institute of Infection and Immunity (III), and the Institute Nutrition, Metabolism and Diabetes (INMD), the Heart and Stroke Foundation (HSF), Pfizer Canada, Finnish Funding Agency for Technology and Innovation (Tekes), and Health Canada. Three team grants and three seed grants were awarded. The total value of this partnership is more \$9 million.

*Canadian Diabetes Association and Canadian Institutes of Health Research (CIHR)–
Institute of Nutrition, Metabolism and Diabetes (INMD) Clinician Scientist:*

This on-going partnership enables the Association to enhance our commitment to highly ranked clinician scientists in partnership with CIHR INMD. This five-year partnership enables the support of an additional clinician scientist, resulting in a total of four clinician scientists being supported.

Visionary Partnerships

As we move forward to enhance our research portfolio, new innovative and unique opportunities will be a strategic focus of attention. Such partnerships will not affect core funding activities, but will be supported as special initiatives. To date, activities include the following:

University of British Columbia:

The Association's commitment within this partnership will support three scientists with salary support for their first five years. The recruitment phase of this partnership is currently underway.

The University of Western Ontario:

The Association partnered with The University of Western Ontario and established a Chair in Diabetes Management that focuses on improving the long-term health outcomes of people with diabetes by developing and evaluating an evidenced-based model of optimal diabetes management. Dr. Stewart Harris was named Chair on January 30, 2008. This is a \$5 million partnership.



Advocacy



National Policy Summit on the Serious Complications of Diabetes in Canada

The summit, held in Ottawa, focused government on the impact of diabetes and its complications on Canadians with diabetes. Organized by the Canadian Diabetes Association and partnering chronic disease organizations, the summit brought together people with diabetes, health professionals and government to hear expert presentations on the cost of diabetes and its complications, the need for a national diabetes management strategy, as well as leading initiatives in Canada and abroad in diabetes care, prevention and management.

Summit organizers will be advocating to ensure governments develop action plans that support effective diabetes management in Canada.

Policy Consensus Conference on Obesity and the Impact of Marketing on Children

The conference, held with the Chronic Disease Alliance of Canada (CDPAC), called on the federal government to bring in a “made in Canada” policy to tackle obesity among the nation’s children. An independent panel concluded Canada must end the marketing of unhealthy food and beverages to children and the federal government must draft guidelines to restrict advertising aimed at children within the next two years.

The Association led its development from the start as a member of CDPAC Steering Committee and lent strong organizational support with funding from the Canadian Diabetes Strategy. CDPAC will advocate for the implementation of the panel’s consensus statement and will present the statement to the Standing Committee on Health and the federal and provincial ministers of health in September 2008.

Increased access to diabetes medications, devices and supplies

On July 22, 2008, **Ontario** Ministry of Health and Long-Term Care expanded the current insulin pumps and supplies program to provide free insulin pumps and supplies to all Ontarians with type 1 diabetes whose doctor prescribes it, effective September 2008. An independent panel will be appointed to recommend whether the program should be expanded to Ontarians with type 2 diabetes.

Similar insulin pumps and supplies programs for children and youth with type 1 diabetes were introduced in **Newfoundland and Labrador** in April 2007 and **Saskatchewan** in June 2007.

New Brunswick in the 2008-2012 provincial health plan provides blood glucose monitoring strips and supplies for individuals covered by health cards, and provides insulin pumps and

supplies for children and youth aged 18 and under who have diabetes and who do not have private insurance coverage. The New Brunswick Prescription Drug Program Review will help families facing financial hardship because of the high cost of prescription drugs which is consistent with the Association's criteria for a national catastrophic drug plan.

British Columbia and Alberta signed a Memorandum of Understanding to explore joint savings from the procurement of pharmaceuticals and medical devices, starting with blood glucose test strips. The Association advocated successfully for both provinces to ensure that transition plans and support by diabetes educators were in place before proceeding to implement the bulk purchase of test strips.

In response to the **British Columbia** government's appointment of the Pharmaceutical Task Force, the Association presented our position in pharmaceutical policy and the need to increase access to diabetes medications, devices and supplies, as well as to outline our concerns that the Common Drug Review does not work for Canadians living with diabetes.

Young Adults with Diabetes Advocacy

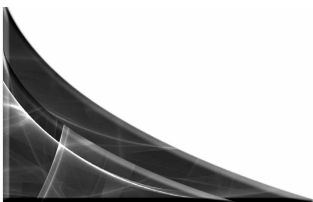
In keeping with the Association's commitment to engaging more young Canadians with diabetes, the Office of Public Policy and Government Relations held two training workshops in 2008.

On September 9, 2007, ten Ontario diabetes advocates received media and leadership training as part of the Ontario Election 2007 "Make Diabetes the Winning Issue" workshop. Diabetes advocates from the rest of the country met in Vancouver for similar training on February 16, 2008. They began reviewing potential options for their advocacy by hearing a presentation on the Winnipeg Maestro Project which helps transition young adults from pediatric to adult diabetes care.

Young adults with diabetes advocates participated in other Association advocacy events, including:

- Public debate on the Future of Chronic Disease Care in Ontario featuring the Ontario Minister of Health, health critics from the Conservative Party and the NDP and a representative from the Green Party
- The National Policy Summit on the Serious Complications of Diabetes in Canada where health professionals, policymakers and people with diabetes learned about leading initiatives in diabetes management from Canadian and international experts.
- Regional Advocacy Workshops and consultations

Throughout the year, the young diabetes advocates were connected by their Facebook page which we hope to enhance further on the Association's website next year.





Kids with Diabetes in School

In June, the Association's Board of Directors approved the renewed *Kids with Diabetes in School* policy statements prepared by volunteers and staff. The new policy statement contains two components that build on the initial policy developed by Dr. Heather Dean and Gen Henderson in 1994 called *Standards of Care for Children with Type 1 Diabetes in School*.

The renewed *Standards of Care for Students with Type 1 Diabetes in School* (Standards) is a comprehensive package that clarifies the essential partnerships amongst parents or caregivers, students and school personnel for the care of children with diabetes while attending school.

To enhance the effectiveness of the renewed Standards, the Association has drafted proposed provincial legislation called the *Individual Medical Care Plan for Students with a Life Threatening Illness*. This proposed legislation would require all publicly funded schools to accommodate and protect students with diabetes, severe allergies, epilepsy or asthma while attending classes or any school activities.

Building on similar legislation requiring all school boards in Ontario to have a policy in place for students with severe allergies (Sabrina's Law), the intent of our Association's proposed legislation is to require school boards to enact a policy that ensures children with a life threatening illness are supported and protected.

The Association's National Advocacy Council and diabetes advocates will ask provincial and territorial Ministers of Education to adopt this proposed legislation starting in September 2008.

Awards And Recipients

Dr. Gerald S. Wong Service Award

The Gerald S. Wong Service Award was established in 1994 to honour the memory of Dr. Gerald Wong, an advocate of the highest standard in diabetes care and education and is awarded to a physician in recognition of significant contribution to the diabetes community.

2008 Heather Dean	2000 Denis Daneman
2007 Stewart B. Harris	1999 Keith G. Dawson
2006 Lawrence A. Leiter	1998 Errol B. Marliss
2005 N. Wilson Rodger	1997 John A. Moorhouse
2004 Robert J. Gardiner	1996 Meng-Hee Tan
2003 Amir Hanna	1995 Robert Ehrlich
2002 Bernard Zinman	1994 George Molnar
2001 Sara J. Meltzer	

Canadian Diabetes Association, Great-West Life, London Life And Canada Life Young Scientist Award

This award was established to encourage, by appropriate recognition, outstanding research conducted in Canada by young scientists in the field of diabetes.

2008 Jeff Johnson	1998 Patricia Brubaker
2007 Peter E. Light	1997 Jean-Pierre Deprés
2006 C. Bruce Verchere	1996 Daniel Drucker
2005 André Marette	1995 Diane Finegood
2004 Gregory S. Korbutt	1993 George Fantus
2003 Michael B. Wheeler	1991 Gerald Van de Werve
2002 Robert A. Hegele	1990 Amira Klip
2001 Gary Lewis	1988 Bernard Zinman
2000 Pere Santamaria	1987 Jerry Radziuk
1999 Hertzal C. Gerstein	

Clinical & Scientific Section / Canadian Diabetes Association Lifetime Achievement Scientist Award

The Clinical and Scientific Section of the Canadian Diabetes Association established the Lifetime Achievement Award in 2007 to recognize Canadian achievement for a lifetime commitment to research excellence. The award is bestowed upon a prominent Canadian MD or PhD medical scientist who is recognized and nominated by his/her peers for long-standing contribution to the Canadian diabetes community and a leader in diabetes research.

2008	John Dupré
2007	Mladen Vranic



Clinical & Scientific Section

October 2007 - October 2008

C&SS Executive Position	Executive Member	Member/Liaison to Council/Committee
Chair	Dr. Ehud Ur	All C&SS Ad Hoc and Standing Committees CDA National Board of Directors Steering Committee, 2008 Clinical Practice Guidelines Revision 2007 National Conference Program Committee
Past Chair	Dr. Stewart Harris	Chair, C&SS Nominating Committee Executive Committee, 2008 Clinical Practice Guidelines Revision 2007 National Conference Program Committee
Vice Chair, Clinical	Dr. Vincent Woo	Chair, 2008 Clinical Practice Guidelines Revision
Vice Chair, Scientific	Dr. Sarah Capes	National Research Council Associate Editor, <i>Canadian Diabetes</i> Executive Committee, 2008 Clinical Practice Guidelines Revision 2007 National Conference Program Committee
Secretary/Treasurer	Dr. Maureen Clement	Steering Committee, Clinical Practice Guidelines 2008 Revision Chair, National Advocacy Council
Councillor	Dr. Onil Bhattacharyya	Research Committee 2008 Clinical Practice Guidelines Revision: Chair, First Nations subcommittee, Dissemination & Implementation
Councillor	Dr. Ian Blumer	Expert Committee, 2008 Clinical Practice Guidelines Revision Chair, Dissemination & Implementation Committee, 2008 Clinical Practice Guidelines
Councillor	Dr. Cheril Clarson	National Advocacy Council
Councillor	Dr. S. Ann Colbourne	Joint Sections Website Editorial Board
Councillor	Dr. Réjeanne Gougeon	Expert Committee, 2008 Clinical Practice Guidelines Revision Chair, National Nutrition Committee
Councillor	Dr. Ronald Sigal	Expert Committee, 2008 Clinical Practice Guidelines Revision Operating Grants Review Committee
Councillor	Dr. Jay Silverberg	2007 National Conference Program Committee
Councillor	Dr. Minna Woo	2007 National Conference Program Committee
ADQ Representative	Dr. Céline Huot	National Camp Committee Post Graduate Education Committee

Canadian Diabetes Association Mission

To promote the health of Canadians through diabetes research, education, service and advocacy.

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