



# RSC News

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The Royal Society of Canada: The Academies of Arts, Humanities and Sciences of Canada

MARCH 2008



## Word from the President

Yvan Guindon

*This Word from the President is adapted from Dr. Guindon's speech at the Annual Banquet and Awards Ceremony in Edmonton, November 17, 2007.*

I am honoured to be the 110th President of the RSC. In 2007 RSC celebrated the 125th anniversary of its first meeting held in 1882. 2008 will mark the 125th anniversary of its incorporation by the Government of Canada. Being 125 years old for an organization is most certainly a reason to celebrate. RSC is truly part of the history of the academic and intellectual life of Canada. Over the years, RSC has played a major role in the establishment of many Canadian institutions.

Election as a Fellow of RSC was and continues to be the most prestigious accolade that one can receive for one's publicly acknowledged professional contributions. We are all proud, some without ever admitting it, to use the post-nominal FRSC.

Being an organization in existence for 125 years does not, however, bring assurance for the future. RSC, like any organization, must continuously evaluate its relevance and its role and adapt.

We have to confront questions such as: Does RSC still have a role today? If one reflects on this question, the answer should be a resounding "yes"!

We all know that a country is defined by its geography. We should not forget that a country is also defined by its national culture. By promoting the Arts, Humanities and Sciences in Canada – three pillars of a national culture – RSC is therefore promoting our national identity and its many facets.

In this present era of globalization and worldwide communication that challenges national identities, I will submit to you that our role is even more important now than it was in 1882.

RSC's 1,900 Fellows – Anglophones and Francophones, women and men, immigrants recent and old, and Aboriginal peoples – all contribute to Canada's culture and national identity.

The Academies of Arts, Humanities and Sciences of Canada have an important role to play now and in the future. Like the Institut de France, the National Academy of



**RSC's 125th Anniversary  
FIRST-EVER  
FUNDRAISING GALA**  
**A Smashing Success!**

Read more on pages 7 and 12-13

## Table of Contents

Word from the President .....	01
Word from the Executive Director .....	03
Accolades .....	05
Publications .....	06
RSC Fundraising Gala - Thanking our sponsors .....	07
RSC 2007 Symposium - Thanking the 2007 AGM sponsors .....	08
Congratulations to Past-President Patricia Demers .....	08
Congratulations to RSC new Fellows .....	08
RSC 2008 Symposium and AGM .....	09
Order of Canada .....	09
RSC in the News - The 2007 Nobel Peace Prize - WISSET Program ..	10
RSC New Online Application Review Process .....	11
RSC 2008 - 2012 Funding Initiatives .....	12
Council of Canadian Academies .....	13
Events and Meetings .....	13
New Process for RSC President-Elect and Academy Presidents-Elect	15
RSC Institutional Members .....	16
RSC at Congress of the Humanities and Social Sciences 2008 .....	16
Deceased Fellows - In memory of Donald Ramsay .....	17
Outstanding Obituaries - 2007 Huntsman Award .....	18
New RSC Membership Fee Structure .....	19
Payment of Dues - Planned Giving .....	19
RSC Council as of March 2008 .....	20
Appointment of Auditor .....	20
Submissions for Forthcoming Issues of RSC News .....	20

Sciences of the United States and the Royal Society of London, RSC is an important national institution that should be supported by all.

Let's review the mission of RSC to identify some of the challenges and opportunities facing us.

RSC's three-pronged mission is to recognize excellence, to promote Canadian culture, and to advise Canadians, governments and organisations.

### **Our first mission**

Our first mission is to recognize excellence in the fields of arts, humanities and sciences in Canada.

RSC has always taken this role very seriously and has done a good job of it. The Academies were restructured along disciplinary lines in 2004. The establishment of a bilingual division of the Arts in Academy I in 2005 provided an opportunity for artists to become part of RSC's future. In this regard the exceptional contributions of Presidents Paquet, Alper and Demers, who brought important changes to the Society's structure and name, need to be recognized. Some improvements, however, should be sought. RSC needs to increase significantly its efforts to recognize the contributions of women. More women should be accepted as Fellows of RSC and be award recipients. To augment the number of women in Science and Technology should be one of RSC's priorities. I will return to this in our outreach programs.

### **Our second mission**

Our second mission is to promote Canadian culture. My predecessors have implemented a number of national and international activities to promote the work of RSC Fellows.

Bilateral international exchange programs have been organized with various countries' academies. RSC also represents Canada at the G8 Assembly of the National Academies and at the Inter-American Network of Academies of Sciences (IANAS). At the national level, symposia, Governor General lectures and forums on topics of national interest are organized annually.

However, we should significantly increase our presence as an organization in the public eye by increasing the number and impact of our activities. Said differently, and quoting Gilles Paquet, "RSC should take its place on Main Street". As a national academy, we should obviously promote the achievements of our Fellows.

A national academy should also promote the arts, humanities and sciences by facilitating youth access to these activities. Promoting higher education should therefore be one of our main objectives.

We should reach out and get involved in finding solutions to some of our Canadian challenges, thus increasing our social relevance.

It is important that an organization that includes 1,900 of the best scholars in the fields of arts, humanities and sciences have an impact on our country's youth by promoting and involving its Fellows as role models to promote higher education.

A number of integrated initiatives will be launched in line with these objectives. Of particular importance are the RSC

Visiting Scholarships for high school students (grades 10 and 11) under the mentorship of RSC Fellows.

Young women interested in science and technology, First Nations students and students in rural, isolated, and inner-city communities are the targeted groups. They will visit universities in their region and be mentored by RSC Fellows in their last two years of high school.

The RSC University Scholarships under mentorship of RSC Fellows will also be launched. From the first groups of students that benefited from the previous program, fellowships will be granted to students enrolling in university.

They will have mentors from RSC or local senior professors to facilitate and maximize their adaptation to campus life.

An equal number of scholarship and fellowships will be granted to BC and the Territories, the Prairies, Ontario, Quebec and the Atlantic provinces.

These programs will be managed by RSC in partnership with five regional chapters that will be created in these regions involving RSC Fellows from the three Academies. In partnership with our Institutional Members, these regional chapters will organize and host conferences or other activities such as forums on topics of national interest that Gilles Paquet has accepted to lead, once again.

An RSC/University medal to the top Bachelor's graduate of each university or organization that is an Institutional Member will also be created.

### **Our third mission**

Our third mission is to advise Canadians, governments and organizations.

A national academy should reflect on problems of national interest.

I would suggest that reflecting on challenges and opportunities related to scholarly activities and their impact on the competitive edge of Canada should be our objective for the next few years.

Topics such as innovation, commercialization of academic research, governance of interdisciplinarity in academia, and science education in high schools are examples of themes that could be selected for independent studies by RSC, after consultation with Fellows and partners.

In the past, RSC, through its expert panels, performed studies at the request of the Canadian government. This task is now within the mandate of the CCA, of which RSC is one of the founding members.

RSC should now concentrate its intellectual resources on the type of studies discussed previously. As the national academies of Canada we have the independence, the expertise and the credibility to contribute significantly to the advancement of a Canadian perspective to the solutions required for such issues. We will broadly disseminate the conclusions of the studies, hoping to positively influence our decision makers in governments and our fellow citizens.

All these planned activities will be enlightened by the wisdom of Fellows involved in three standing committees whose creation I will propose to the Board.

The first one will be responsible for the strategic planning of the activities of RSC and act as a think tank preparing RSC

to be proactive in influencing emerging policies. The second will be responsible for coordinating our outreach activities, scholarships and fellowship programs with the regional chapters. The third will concentrate on the expert panels and other studies.

These are some of the objectives that a national academy should thrive to achieve.

None of the objectives mentioned before will be realized without the involvement of a significant number of Fellows and obtaining the financial resources needed.

RSC is financed solely through the annual contributions of its Fellows and its Institutional Members. To finance our outreach and advisory objectives, Sandra Irving, Patricia Demers, and myself have embarked on a fundraising campaign using the October 125th Anniversary Gala in Toronto as a launching pad.

To quote Sandra Irving, without whom this would not have been possible, "The summer of 2007 was for the three of us, the RSC summer". We spent close to six months on this and raised more than a million dollars. RSC's fundraising campaign announced in Toronto will be chaired by Sandra Irving, Chair of RSC's President's Advisory Council (PAC) which was created by Howard Alper, and Laurent Beaudoin, President of Bombardier and a former member of PAC.

This fundraising campaign will provide sufficient funds to realize our objectives for the next four years. We hope that the Canadian government will at least match the support that we are able to raise from the community.

The Academies of Arts, Humanities and Sciences of Canada are important to our country. We will endeavour to assist our Fellows to play role models, thereby hoping to positively influence our youth's education in those fields, while contributing significantly to Canada's competitiveness globally.



Yvan Guindon, PhD, C.M.



RSC's Fundraising Gala, Toronto, October 17, 2007



## Word from the Executive Director

François Bélisle

Dear Fellows,

In the period since the September issue of RSC News the Secretariat has been extremely busy. In a normal year this is our busiest period as we enter the final stretch for the Annual Symposium and Annual General Meetings and begin the process for the selection of New Fellows. But this time we also had to cope with several other simultaneous challenges, including the fundraising gala, new staff members, an Annual Symposium and AGM in Edmonton, and participation in an African development project.

We provided administrative support for the Society's first-ever major fundraising Gala held at the Four Seasons Hotel in Toronto, October 17. The Gala was a huge success with 550 seats sold and more than \$1million raised net of expenses!

The Society owes the success of its fundraising Gala to one person – Sandra Irving, Chair of the President's Advisory Council (PAC). Over the past several months Sandra has been indefatigable in organizing meetings with corporations and universities and making personal calls with Patricia Demers and Yvan Guindon. Sandra recently agreed to stay on for another two-year term as PAC Chair to the delight of our new President Yvan Guindon and all others who know how incredibly devoted she has been at engaging major Canadian institutions to support RSC's cause of promoting and recognizing excellence in research and learning and launching a new outreach program. In 2008 Sandra is continuing to co-chair, with Laurent Beaudoin of Bombardier, RSC's fundraising campaign announced at the Gala; the aim is to raise another \$4 million to support RSC's outreach program (see the program's description in this issue of RSC News).

The Symposium was a success. Focusing on Genes and Social Behaviour, it attracted close to 100 participants. The speakers were excellent and the presentations were at the frontier between social sciences and sciences. A book to be published by McGill-Queen's Press is being prepared.

The RSC Council meeting also went well. In addition to the usual reports from the President, the Executive Director and Academy Presidents, proposals for changes to the RSC fee structure were approved by Council and will be submitted to membership for final approval. Changes to signing authorities were also made with a view to further tightening organizational accountability. The mid-year financial report showing that the Society is in good financial position was also approved.

In its report, the Ad-Hoc Committee to Review the Presidential

Election Process proposed a new process for electing the RSC President and Academy Presidents. The new process was approved by Council with a view to extending it to other key positions (Secretary, Treasurer, etc.) in two years if it proves successful. The process has been translated into proposed by-law changes and will be submitted to membership for final approval.

The annual Induction ceremony for new Fellows held at the beautiful Winspear Centre was, as usual, one of the highlights of the AGM. Many new Fellows were unfortunately unable to attend their induction in Edmonton and so we hope to see them at the next induction in Ottawa in 2008.

The AGM Banquet was also, of course, the occasion to thank Patricia Demers for all that she has done over the past two years as RSC President and to welcome our new President, Yvan Guindon.



*RSC Annual Business Meeting, Edmonton, November 17, 2007. From left: Dr. Louis Maheu, Dr. Ashok Vijh, Dr. David Lockwood, Dr. Patricia Demers (RSC Past-President), Dr. Sherrill Grace, Dr. Yvan Guindon (new RSC President).*

**By the way, please mark your agendas now: the 2008 Symposium and AGM will be held Friday to Sunday, November 14-16, in Ottawa!**

The week before the AGM I participated with Howard Alper and Jeremy McNeil in a project development meeting in Sénégal, West Africa. The project, funded by the International Development Research Centre (IDRC), aims to strengthen the Académie nationale des sciences et techniques du Sénégal (ANSTS). The meeting coincided with the third annual conference of the African Science Academy Development Initiative (ASADI). ASADI includes the science academies of several other countries across Africa and its goal is to build capacity to manage science, technology and innovation for Africa's sustainable development. In the first year of the three-year project, RSC will help ANSTS strengthen its administrative infrastructure, develop best practices for expert panels, increase outreach to community including schools and media, and engage industry and university leaders in supporting ANSTS activities.



*IDRC-supported Project Development Meeting in Senegal. From left: Dr. François Bélisle, Dr. Jeremy McNeil and Dr. Howard Alper.*

The RSC Secretariat has now filled the Communications and Publications position with Sophie Dassy who joined us in early February. Sophie has a Masters in Social Communications and has worked for a not-for-profit organization serving Canadian medical schools. Anna Buczek will fill the National and International Events position in March. Anna has a Bachelor of Science, an Event Management Graduate Certificate and is a member of the Meeting Professionals International Association.

In this issue of RSC News you will find pictures of the fundraising Gala, the Symposium, the Induction, the AGM Banquet, and RSC's Africa project. I invite you to visit our website if you would like to see additional pictures.

François Bélisle, PhD, MBA  
Executive Director



## ACCOLADES

RSC is proud to highlight the achievements of its Fellows:

### Academy of the Arts and Humanities

**Lise Gauvin** was awarded the Prix André-Laurendeau for her body of work as an essayist, novelist and literary critique, especially her work concerning the French language: *La Fabrique de la langue*, de François Rabelais à Réjean Ducharme (Seuil, coll. «Points/essais», 2004), *Langagement, l'écrivain et la langue au Québec* (Boréal, 2000) and *L'Écrivain francophone à la croisée des langues* (Karthala, 1997, prix France-Québec 1999).

**Douglas Lochhead**, Professor Emeritus, Mount Allison University and poet laureate of Sackville, New Brunswick, was honoured with 'Douglas Lochhead Day,' September 14, 2007, on publication of his collection of poems *That Place by Tantramar: Sackville*, New Brunswick by the Town of Sackville. Over 200 people showed up to the book signing.

**Shana Poplack**, holder of the Canada Research Chair in Linguistics and Distinguished Professor at University of Ottawa, was awarded the prestigious Killam Prize in recognition of her distinguished career and exceptional research contributions. She also received the 2007 Trudeau Fellowship Award for outstanding contributions to the social sciences and humanities in Canada and around the world.

**Roseann Runte**, currently President of Old Dominion University in Norfolk, Virginia, will become the next President and Vice-Chancellor of Carleton University. Her appointment will be effective July 1, 2008.

### Academy of Social Sciences

**Jean-Charles Chebat**, HEC Montréal, along with two colleagues, received the Best Paper Award at the European Institute of Retailing and Service

Studies (San Francisco, July 2007). He received another Best Paper Award for the paper "Multicultural Issues", written in collaboration with two colleagues from the American Society of Business and Behavioral Sciences (Las Vegas, February 2008).

**Bernard Dickens**, University of Toronto, was awarded the degree of Doctor of Law (honoris causa) by the Université de Sherbrooke.

**Philip Smith** reports that in October 2007 a four-day international colloquium of prehistoric archaeology was held in Preuilly-sur-Claise, France, titled "Le Solutréen 40 ans après la publication du Smith '66." The purpose was to examine the Solutrean (a Stone Age culture of the last glacial period in western Europe) four decades after the publication of his book *Le Solutréen en France* (Université de Bordeaux, 1966) and to appraise its methodology and propositions in the light of recent research. The colloquium was sponsored by the International Union of Prehistoric and Protohistoric Sciences.

**Janice Gross Stein**, won the Shaughnessy Cohen Prize for the book she co-authored with Eugene Lang, *The Unexpected War: Canada in Kandahar* (published by Viking Canada).

**Emőke Szathmáry**, University of Manitoba, was awarded an honorary doctorate by York University. Dr. Szathmáry has been named among the Top 100: Canada's Most Powerful Women.

**Paul Thagard**, University of Waterloo, was awarded the 2007 Canada Council Molson Prize for Social Sciences and Humanities.

### Academy of Science

**Graham Bell**, McGill University, renowned biologist, has been named a finalist for Canada's most prestigious science prize: the Natural Sciences and Engineering Research Council's (NSERC) Gerhard Herzberg Canada

Gold Medal.

**Henri Darmon**, McGill University, won a Killam research Fellowship for his work in pure mathematics: "Elliptic Curves, Modular Forms and Algebraic Cycles".

**Nicolas Georganas**, University of Ottawa, was awarded the Ontario Research and Innovation Optical Network (ORION) Leadership Award, recognizing his significant contributions to advancing research, education, science or discovery through the development and/or application of innovative information and communications technologies in June 2007. That same month he was awarded an honorary doctorate by the National Technical University of Athens, Greece. Dr. Georganas also received the first IEEE Canada Computer Medal for outstanding contributions to computer engineering and science and he was named one of Ottawa's "Top 50 People for 2007" by Ottawa Life Magazine.

**William F. Grant**, McGill University, was presented with a special 50th Anniversary Lifetime Achievement Award by the Genetics Society of Canada at their 50th Anniversary meeting in Montreal, June 2007.

**Frank Hawthorne** was elected a Foreign Member of the Russian Academy of Sciences, a Fellow of the Geochemical Society, and a Fellow of the International Association for Geochemistry. In addition, he was listed as the most cited Geoscientist of the last decade by Thomson Scientific.

**J. Bryan Jones**, University of Toronto, received an Honorary Fellowship from Cardiff University, Wales, UK on July 18, 2007. The Honorary Fellowship (Cardiff's equivalent of an honorary degree) was awarded in recognition of his outstanding work and achievements in the field of organic chemistry.

**Branko Ladanyi**, Professor Emeritus at École Polytechnique de Montréal, was awarded the 2008 Julian C. Smith

Medal from the Engineering Institute of Canada. This medal is awarded for "Achievement in the Development of Canada".



## PUBLICATIONS

RSC is pleased to provide a list of recent publications by its Fellows. If you have published a book recently and would like to have it noted in RSC News, please contact Sophie Dassy, Communications and Publications Officer by phone (613-991-5642) or email (sdassy@rsc.ca).

### Academy of the Arts and Humanities

**Bernard Andrès** published *La Conquête des Lettres au Québec : 1759-1799*. Anthologie, Presses de l'Université Laval, collection « Sources », 2007, 740 p.; Fidel, D'Iberville et les autres, Montréal, Québec Amérique, 2007, 215 p.; with Pierre Monnettem, *Rendez-vous manqué avec la révolution américaine. Les adresses aux habitants de la province de Québec diffusées à l'occasion de l'invasion américaine de 1775-1776*, Montréal, Québec Amérique, 2007, 550 p.; and with Gérard Bouchard, *Mythes et sociétés des Amériques*, Montréal, Québec Amérique, 2007, 434 p.

**Marc Angenot** published *Dialogues de sourds, Traité de rhétorique antilogique*, Mille et une Nuits, Paris, 455 p., ISBN 978-2-84205-992-7.

**B. Beugnot** edited Jean Anouilh's *Le voyageur sans bagage*, édition établie, Paris Gallimard, Folio-Théâtre, 2007, 220p. and *Théâtre*, Paris, Gallimard,

Bibliothèque de la Pléiade, 2007, 2 vol., 1438 et 1560p.

**Harold Coward**, University of Victoria, has published his nineteenth book, *The Perfectibility of Human Nature in Eastern and Western Thought*. Albany: State University of New York Press, 2008. ISBNs 978-0-7914-7335-1 and 978-0-7914-7335-8.

### **Richardson and Douglas**

**Richardson**, published, with photographs by John de Visser, *Canadian Churches, An Architectural History* (Richmond Hill ON: Firefly, 2007) 439 pages with more than 500 illustrations in colour.

**Ronald Rompkey** published *En mission à Terre-Neuve : Les dépêches de Charles Riballier des Isles (1885-1903)*. Collection Mémoire Commune. Rennes: Presses Universitaires de Rennes, 2007. ISBN 978-2-7535-0472-1

### Academy of Social Sciences

**Rebecca Cook**, University of Toronto, published, with Charles Ngwena, *Health and Human Rights, in the International Library of Medicine, Ethics and Law series*, Ashgate Publishing, Oxon, UK, 2007, ISBN 0-7546-2618-0.

**H. Patrick Glenn** published a third edition of *Legal Traditions of the World* (Oxford University Press, 2007) and a softcover edition of *On Common Laws* (Oxford University Press, 2007).

**Suresh P. Sethi** published, with H. Zhang and Q. Zhang, Q., *Average-Cost Control of Stochastic Manufacturing Systems, Stochastic Modelling and Applied Probability*, Springer, New York, NY, 2005 (325 pages - ISBN 0-387-21947-1); with H. Yan and H. Zhang, *Inventory and Supply Chain Management with Forecast Updates*, in the International Series in Operations Research & Management Science, Springer, NY, NY, 2005.(310 pages – ISBN 1-4020-8123-5); and with M.W. Dawande, H.N. Geismar and C. Sriskandarajah,

*Throughput Optimization in Robotic Cells*, in the International Series in Operations Research & Management Science, Springer, New York, NY, 2007. (430 pages - ISBN 978-0-387-70987-1)

### Academy of Science

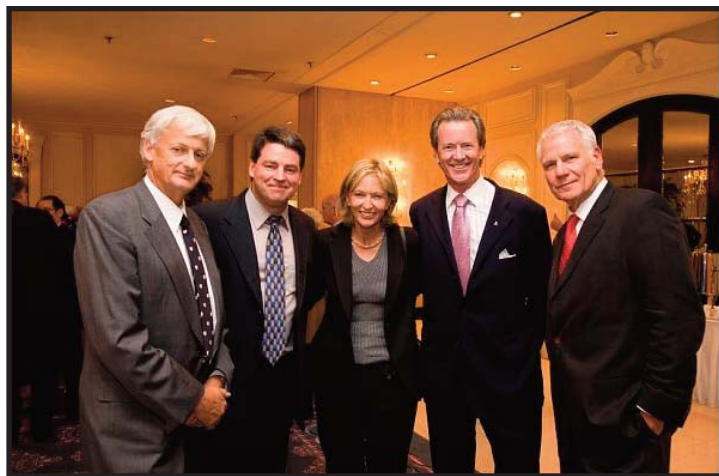
**Tom Brzustowski** published *The Way Ahead: Meeting Canada's Productivity Challenge*, University of Ottawa Press (192 pages - ISBN 0776606697).

**John L. Holmes** published, with Christiane Aubry and Paul M. Mayer, *Assigning Structures to Ions in Mass Spectrometry*, CRC Press 2007, ISBN 0-8493-1950-1.

## **Fundraising Gala to Celebrate RSC's 125th Anniversary a smashing success !**

The Gala held October 17, 2007 in Toronto was a great opportunity to celebrate both the Society's past and future. 550 seats were sold and more than \$1 million was raised! This success will help RSC launch an ambitious outreach program.

See details on the Funding Initiatives pages 12 and 13



*Fundraising Gala in Toronto, October 17, 2007.  
Centre: Sandra Irving, Chair of the President's Advisory Council and the main orchestrator of the Fundraising Gala.*

### **RSC gratefully acknowledges the support of the following sponsors:**

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## RSC 2007 Symposium in Edmonton



The Symposium took place at the University of Alberta November 16.  
The theme was:

**“Social Sciences Facing Modern Genetics Challenges:  
Changing Boundaries between Gene Expressions,  
Behaviour and the Social Fabric”.**

The Symposium explored the impact of the scientific revolution in modern genetics and the necessity to foster an innovative approach that examines the bidirectional relationships between social determinants of conduct and genetically-embedded factors at play in the social construction of individual and collective well-being.

## Big Thank You to Our 2007 AGM Sponsors!

RSC is deeply grateful to all its Sponsors and Institutional Members.

### Symposium Sponsors:

Canadian Institutes of Health Research (CIHR)  
Social Sciences and Humanities Research Council (SSHRC)

### Awards Banquet 2007

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### Awards Sponsors

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## Congratulations!



*Standing ovation with applause from new President Dr. Yvan Guindon and Honorary Treasurer Dr. David Lockwood to congratulate Dr. Patricia Demers for her work during her 2-year term as RSC President.*

*54 new Fellows participated in the Induction Ceremony that took place November 17, 2007 at the Winspear Centre. This event was organized in conjunction with the annual RSC Symposium and General Meeting held in Edmonton, Alberta.*



2008 RSC Symposium  
“The Cultures of War and Peace”  
Ottawa, November 14, 2008

RSC's Academy I, the Academy of the Arts and Humanities, has chosen the theme of war and peace for the Society's 2008 Symposium. In today's world, which continues to struggle with the horrors of war and the longing for peace, this subject is important. It is important for scholars and artists, of course, but it is also of immense interest and relevance for all citizens, young and old, in Canada and abroad.

Canada has long enjoyed a reputation as a peace-keeping country and yet, in times of conflict, Canada has sometimes chosen to go to war. In this symposium we

will explore some of the causes of war and consider why peace is often fragile and short-lived. We will not focus on any one conflict, but shall instead have speakers and panels that address the broader issues of this urgent and large subject through an examination of history, literatures, philosophy, myth and iconography, and historical geography, and the creative and performing arts. Our approach to the subject is to ask questions, to enlarge our understanding of what human history and culture tell us about this formidable Janus figure of war and peace, and to reflect on where the world is today in its search for peace in the early years of the 21st century.

In addition to academic presentations, this symposium will feature a variety of arts events from film to music and theatre—each of which provides us with stunning examples of artistic representation of the response to war and the need for peace. In a famous painting of a WWI battlefield, Canadian painter Frederick Varley titled his canvas *For What?* That painting now hangs in the Canadian War Museum and during the symposium we will allow time for a

visit to the War Museum. That title and painting could stand for the questions that underlie our contemporary examination of this difficult subject.

We are holding the symposium at the Museum of Civilization on Friday, 14 November 2008, and further information will be available over the coming months. We shall be inviting the general public and hope to include high school and university students in our deliberations.

*Symposium organizing committee: Thomas DeKoninck, Sherrill Grace, Patrick Imbert, and Aritha Van Herk. We welcome your suggestions.*

**Symposium and AGM 2008**

This year, RSC's Symposium and Annual General Meeting (AGM) will be held **Friday to Sunday, November 14-16, in Ottawa!**

**Order of Canada**

RSC is pleased to announce that the following Fellows have received appointments to the Order of Canada:

**Companions**

Louise Arbour (II)  
Leon Katz (deceased) University of Saskatchewan (III)  
Jacob H. Masliyah, University of Alberta (III)  
Michael Snow (I)

**Officers**

Nicolas Georganas, University of Ottawa (III)  
D.G. Jones, retired (I)  
William H. New, Professor Emeritus, University of British Columbia (I)  
Francis A. Plummer, University of Manitoba (III)  
Richard J. Puddephatt, University of Western Ontario (III)  
Dennis C. Smith, University of Toronto (III)

**Members**

Peter Aucoin, University of Dalhousie (II)  
Margaret R. Becklake, McGill University (III)  
Ronald J. Gillespie, McMaster University (III)  
Robert H.A. Haslam (deceased)  
Ray V. Rajotte, University of Alberta (III)

## ***RSC in the News***

***RSC is proud to highlight the contributions of its Fellows in Canadian society and abroad:***

### **Al Gore and the Intergovernmental Panel on Climate Change (IPCC) are awarded the 2007 Nobel Peace Prize: *Highlights on RSC Fellows' Contributions***

The following article was submitted by Dr. Gordon McBean

The Nobel Peace Prize for 2007 was awarded jointly to Al Gore and the Intergovernmental Panel on Climate Change "for their efforts to build up and disseminate greater knowledge about man-made climate change and to lay the foundations for the measures that are needed to counteract such change". Among the more than 200 Canadians contributors to IPCC were several Fellows of RSC. They were all chosen on the basis of their internationally recognized excellence in climate science. Jim Bruce chaired the founding meeting of IPCC in 1988 and was later a review editor. Gordon McBean was a lead author for the 1st and 2nd assessments (1990 and 1995). Francis Zwiers was the lead author for the last two reports on climate change detection and attribution while Ken Denman was the lead author on the biogeochemical interactions for the 2nd and 4th assessments (1995 and 2007). Andrew Weaver has been a lead author on climate modeling for the last three assessments. A lead author for the paleoclimate chapter of the 4th assessment was Richard Peltier, while Len Barrie and Richard Beamish were lead authors for the 3rd assessment (2001). Steve Calvert, John McConnell, Lawrence Mysak, Tom Pedersen, Trevor Platt and possibly others that have been missed (apologies) were contributors to assessments. The role of IPCC is to assess the science behind the phenomenon of climate change. It is important that Canadians be supported to further develop that science and help prepare future IPCC assessments.

### **WISET program: Sarah Otto, FRSC, appears in Japanese Newspapers**

Sarah P. Otto, FRSC, appeared in Tokyo Shimbun and Chunichi Shimbun on March 11, 2008 while visiting under the Women in Science, Engineering and Technology (WISET) program, an exchange program for female researchers in Japan and Canada.

A Professor at the University of British Columbia, Dr. Otto specializes in population genetics and evolutionary biology.

This program was launched in 2005 jointly by the Royal Society of Canada and the Science Council of Japan to commemorate the 100th anniversary of the establishment of trade relations between the two nations. The purpose of this program is to promote the broader participation of female researchers in the fields of science, engineering and technology. Every year a few female researchers from Japan and Canada visit each other's country for about a week to promote personal exchanges by giving lectures at research institutes, universities and senior high schools.

## ***New Fellow application review process now available online!***

The online review of applications has now started for all selection committees. Full applications appear as pdf files and can be accessed through a secure gateway on RSC's website. Details on the new selection process can be found below.

The **general criteria** to be used for selection are given in Article 4.1.2 of our By-Laws: *"Fellows shall be persons whose intellectual achievements have been exceptional through a body of publications, intellectual endeavours or creative activities exhibiting original contributions in the arts, humanities or sciences, as well as in public life. At the time of their election they shall be Canadian citizens or have been Canadian residents for the past three years. Election to the Society is the highest honour that can be attained by scholars, artists and scientists in Canada"*.

RSC Fellows are elected on the basis of merit alone and there are no rules regarding election based on discipline, gender, region or institutional affiliation. There may also be nominations for Foreign Fellows which simply require a Yes or No ranking.

In an effort to streamline the review of nominations, RSC has proposed **new procedures** for selection committees to conduct their reviews. Here is an outline of the new process.

**Step 1** is summarized in the table below, with the maximum number of candidates that Academies can recommend for election.

<b>Academy/Division</b>	<b>Recommended by Division</b>	<b>Selected by Academy</b>
I – 1 Humanities	14	12
I – 2 LSH	6	5*
I – 3 Arts	10	8
<i>TOTAL Academy I</i>	<i>30</i>	<i>25</i>
II – 1 SS (E)	14	10
II – 2 SS (F)	7	5
<i>TOTAL Academy II</i>	<i>21</i>	<i>15</i>
III – ASE	6A - 2B	6-8
III – EOAS	3A - 2B	3-5
III – LS	14A - 4B	14-18
III – MPS	8A - 4B	8-12
III A list	31	31
III B list	12	8 out of 12
<i>TOTAL Academy III</i>	<i>43</i>	<i>39</i>
<b><u>TOTAL RSC</u></b>	<b><u>94</u></b>	<b><u>78</u></b>

**Step 2** consists of sending a rank-ordered list to the chair of the selection committee. Top candidates are given the lowest score i.e. if the list of top candidates contained 10 names, the top candidate would be given 1 point, the second candidate would get 2 points and so on, with the last choice receiving 10 points.

**Step 3** consists of the chair creating a table with the score each candidate gets from each committee member. The highest ranked candidate is the one with the lowest total score.

**Step 4:** the chair sends a copy of the resulting table to all selection committee members prior to a conference call where best candidates will be evaluated in three clusters:

"Excellent" candidates who were favourably ranked and are considered exceptional will normally be approved with little discussion by the committee.

The next cluster would be candidates who are considered "very good" and should be considered for election. Their files will require sufficient discussion time to determine which will be recommended for election.

Finally, there will likely be a third cluster consisting of candidates who were not ranked favourably and who are not likely to be elected. There is usually little discussion required for these files.



\* 5 exceptionally approved for 2008, normally 4.

## RSC 2008-2012 Fundraising Initiatives

Achievements in the Arts, Humanities and Sciences are at the heart of national culture and identity. RSC: The Academies of Arts, Humanities and Sciences of Canada, consists of approximately 1,900 Fellows - men and women from across the country, selected by their peers for outstanding contributions to the natural and social sciences, arts and humanities. RSC reaches Canadian society through its symposia, regional meetings, and controversial topic forums, which serve to highlight the latest advances in Canadian research, public policy and cultural accomplishments or to explore and discuss issues of national concern.

To fully achieve its objective of serving Canadian society, RSC is seeking the support of the community to finance our outreach programs and advisory mission. Our fundraising initiatives identify and nurture the promise of a younger generation of Canadians; moreover, they build on proven results. They mobilize the formidable intellectual capital of RSC for resounding public benefits.

### RSC Integrated Initiatives to be Financed by Fundraising

- RSC Visiting Scholarships for High School Students under Mentorship of RSC Fellows - For Young Women, First Nations, and Students in Rural, Isolated and Inner-City Communities.
- RSC University Scholarships under Mentorship of RSC Fellows - For Women in Science and Technology, First Nations, and Promising Younger Canadians.
- RSC / University Medal to Top Bachelor's Graduate in Association with Institutional Member Universities.
- RSC's Intellectual Legacy.
  - RSC Expert Independent Reports
  - RSC Book Legacy
- RSC's Promotion of Canada Internationally.
  - Exchange lectureships
  - International workshops and conferences
  - Launch of an open-access, refereed online journal

### 2008-2012 RSC Outreach and Advisory Initiatives Financed by Fundraising

#### 1) To Promote Higher Education through Introductory Programs under the Mentorship of RSC Fellows

##### *RSC Visiting Scholarships for High School Students*

The purpose of these prestigious, highly visible, and well advertised scholarships is to encourage greater numbers of

students to complete high school and continue to university. All scholarships will be distributed evenly throughout five geographical regions: Atlantic Canada, Quebec, Ontario, the Prairies, and B.C. and the Territories.

#### RSC Mission

- To recognize excellence
- To promote Canadian culture
- To advise governments, Canadians and organizations

Three Target Audiences in Grades 10 and 11:

#### Women in Science and Technology

RSC will offer 25 \$1,000 scholarships in each region each year to pre-university female students to promote scientific and engineering careers.

#### First Nations Students

RSC will offer 25 \$1000 scholarships in each region each year to pre-university First Nations students to promote the diversity of university programs.

#### Students in Rural, Isolated, or Inner-City Communities

RSC will offer 25 \$1,000 scholarships in each region each year to students in rural, isolated, or inner-city communities.

- #### 2008-2012 Outreach Objectives
- To promote higher education
  - To reflect on challenges and opportunities facing Canada
  - To augment the number of women in science and technology and in the academy
  - To promote Canada internationally

#### 2) To Build on Results

*RSC University*

##### *Scholarships for Women in Science and Technology Mentored by RSC Fellows*

RSC will offer 15 scholarships of \$10,000 (renewable for 1 year, if grades remain high) annually to promising young women, including those identified in the earlier phase of Introductory Scholarships. This prestigious RSC Scholarship for Women in Science and Technology will also bear the name of the primary donor.

##### *RSC / First Nations Opportunities in Universities Mentored by RSC Fellows*

RSC will offer 5 fellowships of \$40,000 (\$10,000 annually for a period of 4 years, depending on the maintenance of high grades) for students from First-Nations communities who have been accepted by a Canadian university and identified in the earlier phase of Introductory Scholarships. This special RSC Opportunities in Universities Scholarship will also bear the name of the primary donor.

##### *RSC University Scholarships Mentored by RSC Fellows*

RSC will initiate a scholarship program to recognize the promise and encourage the training of younger Canadians, including those identified in the earlier phase of Introductory Scholarships, in the arts, humanities and sciences. RSC will offer 15 scholarships of \$10,000 (renewable for 1 year, if grades remain high) annually to promising students being accepted or already enrolled at a Canadian university. In each region the primary sponsor of the Scholarship will be acknowledged. Criteria will be determined according to agreed-upon and local priorities.

### 3) To Acknowledge Top Graduates: RSC University Medal

In cooperation with Institutional Member Universities, RSC will award a specially designed Medal with a cash award of \$1,000 to the top Bachelor's graduate in each institution at both Spring and Fall Convocations.

### 4) To Reflect on Challenges through an Intellectual Legacy

#### RSC Expert Assessments

RSC will produce an annual independent report that will be widely distributed. The following topics may be considered:

Science education in high schools

Commercialization of academic research

Governance of interdisciplinary in academia / Modernizing academia

The drop-out rate: sources and solutions

First Nations policies: what has been done, what is needed

### RSC Book Legacy

RSC will donate recent publications by Fellows and RSC medal-winning books to high school and college libraries in each of the five geographical regions on a rotating basis. One of the authors will visit the school(s) and read from his or her work. Bookplates will acknowledge the sponsorship of RSC and the specific corporate donor.

### 5) To promote Canada Internationally

- Exchange lectureships will be expanded
- Workshops on issues of mutual interest involving other national academies are planned
- An open-access, refereed online journal featuring invited and vetted contributions from RSC scholars and scientists
- Building capacities for other Academies

## Council of Canadian Academies (CCA)

CCA has recently published its second report, entitled ***Influenza Transmission and the Role of Personal Protective Respiratory Equipment: An Assessment of the Evidence.***

CCA is currently conducting the following assessments:

- **Groundwater in Canada** (requested by Natural Resources Canada) examines, from a science perspective, what is needed to achieve sustainable management of Canada's groundwater resources. The report is expected to be released in the summer of 2008.

- **Gas Hydrates as an Energy Resource** (requested by Natural Resources Canada) looks at the challenges for an acceptable operational extraction of gas hydrates in Canada. The report is expected to be released in the summer of 2008.

- **Potential Risks of Nanotechnology** (requested by Health Canada). The assessment focuses on the state of knowledge with respect to existing nanomaterial properties and their health and environmental risks which could underpin regulatory perspectives on needs for research, risk assessment and surveillance.

- **Private Sector Innovation in Canada** (requested by the federal government). To help the government better support an increased commitment to S&T by Canada's private sector, CCA has been asked to work with the private sector and academic experts to deepen our understanding of the S&T investment constraints and opportunities facing Canadian firms.

- **University-Based Research in Management, Business and Finance** (requested by the Social Sciences and Humanities Research Council) examines the overall strengths and weaknesses of Canada's university-based research community in the areas of management, business and finance, broadly defined, according to appropriate indicators.

For further information, please visit CCA's site:  
[www.scienceadvice.ca](http://www.scienceadvice.ca)

## Events and Meetings

Do you know of any upcoming meetings, seminars, symposia or other events that would be of interest to RSC Fellows? If so, please notify the Secretariat so these events can be advertised to Fellows in the next issue of RSC News. Although unable to publish complete programs, we would be happy to announce the title, date, time, location and the coordinates of an appropriate contact person.

### Summary of Upcoming Events and Meetings

#### **March 27, 2008 - from 12:00 to 14:00 - in Ottawa Eastern Ontario Regional Luncheon**

In the footsteps of the late Donald Ramsay, FRSC Walter Davidson is perpetuating a tradition and organizes an RSC luncheon at The Full House Restaurant, 337 Somerset St. West. The Guest Speaker will be John Smol, FRSC.

#### **April 5, 2008 - from 9.30 to 17:00 - in Kingston Eastern Ontario Regional Seminar**

The seminar will take place at the Agnes Etherington Art Centre and will present talks from four RSC Fellows: Peter L. Davies (III), Istvan Anhalt (I), Thomas Hutchinson (III) and Gerald Finley (I). For more information and registration, please contact Pierre du Prey (613) 533-6600, [pduprey@post.queensu.ca](mailto:pduprey@post.queensu.ca) or Michael Sayer (613) 531-4853, [sayerm@physics.queensu.ca](mailto:sayerm@physics.queensu.ca).

#### **April 15, 2008 - in Ottawa Meeting of RSC Council Executive Committee**

#### **May 1st, 2008 Meeting of RSC Council**

#### **May 5 and 6 - in Ottawa, at the International Development Research Centre (IDRC) Follow-up of a Science & Technology workshop Canada-Chile**

This workshop follows a first one held in Santiago in October 2007 and was instigated at the request of Kevin

Lynch to showcase S & T on the occasion of the 10th Anniversary of the Canada-Chile Free Trade Agreement. It will be run by RSC and the Chilean Academy of Science and co-chaired by Juan Asenjo (Foreign Secretary, EC of IANAS) and Howard Alper, FRSC. The focus will be on aquaculture and biofuels and biorefinery.

**May 31 - June 8, 2008 - in Vancouver**  
**Congress of the Humanities and Social Sciences**  
**“Thinking Beyond Borders. Global Issues: Global Values”**

More information @ <http://www.fedcan.ca/congress2008/>

**Monday, September 8 and Tuesday, September 9, 2008**  
**- in Ottawa**

**Meeting of the Executive Committee of the Inter-Academy Panel (IAP)** will be co-hosted by RSC and the International Development Research Centre (IDRC). An event will be hosted by the Council of Canadian Academies (CCA).

**October 20-23, 2008 at the Banff Centre - in Banff**  
**Gussow/Nuna Conference chaired by Andrew Miall, FRSC**

The Conference theme is: “Geoscience for Climate Change: The Role of Geoscience in Understanding and Dealing with Climate Change” and will bring together many of the world’s specialists in the study of climate change and on the future of natural resources.

**Friday to Sunday, November 14-16, 2008 - in Ottawa**  
**RSC Annual General Meeting and RSC Symposium:**  
RSC’s Academy of the Arts and Humanities will present “The Cultures of War and Peace”.

## Past Events and Meetings

**February 28-29, 2008 - in Ottawa**  
**Meeting of RSC Council Executive Committee**

**November 15-18, 2007 - in Edmonton, Alberta**  
**RSC AGM Highlights**

Approval of new RSC fee structure.  
Approval of new Presidential Election Process for electing the RSC President and Academy Presidents.  
Annual Induction ceremony for new Fellows.  
AGM Banquet: acknowledgment of Patricia Demers’ work during her 2-year mandate and welcome to RSC’s new President, Yvan Guindon.

**November 16, 2007 - in Edmonton, Alberta**  
**Highlights on RSC Symposium:**

The Symposium was on Genes and Social Behaviour, and it attracted close to 100 participants. A book will be published by McGill-Queen’s Press.

**November 11-14, 2007 - in Sénégal, West Africa**  
**RSC Project Development Meeting**

The meeting was held on the occasion of the third annual conference of the African Science Academy Development Initiative (ASADI). The project, funded by the International Development Research Centre (IDRC), aims to strengthen the Académie nationale des sciences et techniques du Sénégal (ANSTS). In the first year of the three-year project, RSC will help the Academy strengthen its administrative infrastructure, develop best practices for expert panels, increase outreach to community including schools and media, and engage industry and university leaders in supporting its activities.



*Meeting of the Council Executive Committee, February 29, 2008 in Ottawa.*  
*From left: RSC Executive Director François Bélisle, President of Academy II Monica Boyd, Honorary Secretary Robert Major, President of Academy I Christl Verduyn, President Yvan Guindon, President of Academy III Andrew Miall, Past-President Patricia Demers, Honorary Treasurer David Lockwood, Chair of President’s Advisory Council Sandra Irving, and RSC Operations Manager Louise Joly.*



## ***New Process for Academy Presidents-Elect***

The following process was approved by Council in November 2007:

1. On behalf of the Academy Committee for the Nominations of Officials (ACNO), the RSC Secretariat shall send a call for nominations for President-Elect to all Fellows of that Academy at least six months before the start of the Academy President-Elect's term.
2. The call shall include a transparent list of the criteria to be used by ACNO in arriving at a short list of candidates.
3. The Secretariat shall follow up with each nominee to determine whether they wish to let their name stand for consideration by ACNO; this shall result in the list of "confirmed candidates". The list of confirmed candidates shall be made public by the Secretariat.
4. To stand for consideration, candidates shall submit a short statement explaining why they wish to be considered, what makes them qualified for the position, and what direction they propose for their Academy should they be elected. The short statements, among other evidence, shall be considered by ACNO in arriving at a short list of candidates.
5. ACNO shall review the list of confirmed candidates and, based on the declared criteria and the candidates' statements, shall narrow it down to a short list of around three candidates, without rank-order. ACNO may interview prospective candidates that are not well-known to it, prior to including these candidates on its short list.
6. The unranked short list of candidates shall be made public when it is submitted to a vote by all Fellows of the concerned Academy. The names on the ballot shall be ordered alphabetically and accompanied by the candidates' short statements.
7. The results of the ballot shall be compiled by the RSC Secretariat. The candidate with the most votes is declared Academy President-Elect.

## ***New Process for RSC President-Elect***

The following process was approved by Council in November 2007:

1. On behalf of the Committee for the Nominations of Officials (CNO), the RSC Secretariat shall send a call for nominations for President-Elect to all RSC Fellows at least six months before the start of the President-Elect's term.
2. The call shall include a transparent list of the criteria to be used by CNO in arriving at a short list of candidates.
3. The Secretariat shall follow up with each nominee to determine whether they wish to let their name stand for consideration by CNO; this shall result in the list of "confirmed candidates". The list of confirmed candidates shall be made public by the Secretariat.
4. To stand for consideration, candidates shall submit a short statement explaining why they wish to be considered, what makes them qualified for the position, and what direction they propose for RSC should they be elected. The short statements, among other evidence, shall be considered by CNO in arriving at a short list of candidates.
5. CNO shall review the list of confirmed candidates and, based on the declared criteria and the candidates' statements, shall narrow it down to a short list of around three candidates, without rank-order. CNO may interview prospective candidates that are not well-known to it, prior to including these candidates on its short list.
6. The unranked short list of candidates shall be made public when it is submitted to a vote by all Fellows. The names on the ballot shall be ordered alphabetically and accompanied by the candidates' short statements.
7. The results of the ballot shall be compiled by the RSC Secretariat. The candidate with the most votes shall be declared RSC President-Elect.



## ***RSC now has 41 valued Institutional Members!***

The Institutional Members program was established in August 2004 to develop important links and partnership activities between RSC and stakeholder organizations. By March 2008, 40 of Canada's top Universities and one Government organization had joined. Institutional Members are invited to help the Society elect the very best Fellows by nominating members of their organization for either fellowship or as possible recipients of our awards and medals. As well, the new statutes of the Society call for two Institutional Members to sit on the Council of the Society which means that Institutional Members have an opportunity to help shape the future of the Society.

Acadia University	Université de Sherbrooke
Athabasca University	Université Laval
Bishop's University	Université de Moncton
Cape Breton University	Université de Montréal
Carleton University	Université du Québec à Montréal
Concordia University	University of Alberta
Dalhousie University	University of British Columbia
HEC Montréal	University of Calgary
Lakehead University	University of Guelph
McGill University	University of Lethbridge
McMaster University	University of Manitoba
Mount Allison University	University of New Brunswick
NRC / CNRC	University of Saskatchewan
Queen's University	University of Toronto
Ryerson University	University of Victoria
Saint Mary's University	University of Waterloo
Simon Fraser University	University of Western Ontario
St. Francis Xavier University	University of Windsor
St. Thomas University	University of Winnipeg
Thompson Rivers University	York University
Université d'Ottawa / University of Ottawa	

### ***RSC AT CONGRESS OF THE HUMANITIES AND SOCIAL SCIENCES 2008***

The 2008 congress will be held in Vancouver between May 31 and June 8. This year's overall theme is:

**"Thinking Beyond Borders. Global Ideas: Global Values".**

This year's speakers are Richard Florida, one of the world's leading public intellectuals on the economy and renowned Canadian ethicist Margaret Somerville.

Other prominent public figures include journalist and author Stevie Cameron, author and publisher David Chariandy, as well as UBC talented researchers, including Nobel Laureate Carl Weiman who will challenge traditional thinking on the teaching of science.

Academies I and II will be represented and their respective Presidents, Dr. Christl Verduyn and Dr. Monica Boyd, have invited FRSC and economist Dr. John Helliwell to be the RSC guest speaker. The RSC Session will be held June 4, 2008.

### ***Deceased Fellows***

RSC offers its condolences on the death of the Fellows listed below. If you are willing to prepare an obituary notice for any of these individuals for publication by RSC, please contact Sophie Dassy by telephone (613-991-5642) or email (sdassy@rsc.ca).

#### ***Academy of the Arts and Humanities***

**Norval Morrisseau**, elected in 2005, died December 4, 2007

**Richard J. Schoeck**, elected in 1967, died January 29, 2008

#### ***Academy of Social Sciences***

**Roger Dehem**, elected in 1981, died January 30, 2008

**Richard Ericson**, elected in 1987, died October 2, 2007

**Gwynne Nettler**, elected in 1983, died October 5, 2007

#### ***Academy of Science***

**Jack J.R. Campbell**, elected in 1961, died October 22, 2007

**D.A. Chant**, elected in 1974, died December 23, 2007

**Ralph W. Nicholls**, elected in 1978, died January 25, 2008

**Donald A. Ramsay**, elected in 1966, died October 25, 2007

**Theodore P. Schaefer**, elected in 1973, died September 15, 2007

### ***IN MEMORY OF DONALD ALLAN RAMSAY***

*11 July 1922 - 25 October 2007*

*The following are excerpts adapted from the eulogy pronounced by Walter Davidson, FRSC at Dr. Ramsay's memorial service*

Donald Allan Ramsay was a distinguished Canadian scientist who made important contributions to the inner workings of molecules during his career at the National Research Council that spanned more than 60 years.

Following his schooling in England where he earned his PhD at Cambridge, Don began an illustrious career at the NRC laboratories as a Junior Research Officer in the Organic Spectrochemistry group under Dr. R. Norman Jones.

In 1949, Don transferred to the NRC Division of Physics to work with Dr. Gerhard Herzberg and became internationally acclaimed for his research in molecular spectroscopy. He was a pioneer in the study of the spectra of free radicals, short-lived species basic to many everyday chemical and biological reactions.

Elected to the Royal Society of Canada in 1966, Don was unfailingly dedicated to its goals, serving as Vice-President of the Academy of Science and twice as its Honorary Treasurer (serving for 6 years), and as Editor of RSC's Newsletter. He received the RSC Centenary Medal in 1982. From 1994 to 2007, he was active in the organization of two meetings a year for Fellows in the Ottawa region. He contributed generously to RSC Gender Studies, the Women in Scholarship lecture series, and to the Development Fund.

Don was elected a Fellow of the Royal Society of London in 1978, appointed to the Order of Canada in 1997 and was made Researcher Emeritus at NRC in 2001. He was also recognized outside Canada and added immeasurably to NRC's international reputation laying the groundwork for linkages to partner organizations around the globe.

Don always recognized that he owed a lot to the people around him. He was a very kind-hearted and compassionate person. It takes a person like Don Ramsay to come along to remind us – and we certainly need reminding – just what human beings are capable of, in doing good for the benefit of others, and being good persons.

Our condolences go out to Marjorie, to Shirley, to Cathy, to Linda, and to all members of the family.

## Outstanding Obituaries

RSC currently has more than 100 Fellows who have never been honoured with the publication of an obituary. We are preparing a special publication in memory of these individuals and would be grateful to anyone who can help with the preparation of an obituary notice for one or more of the individuals listed below. Given that we would like to have the final publication available later this year, those offering to assist would need to have their text to us by May 1st, 2008. If you are in a position to help us, please email Sophie Dassy at [sdassy@rsc.ca](mailto:sdassy@rsc.ca).

NAME OF DECEASED	ACADEMY/DIVISION	DATE OF DEATH
ATAACK, Douglas	III-ASE	01/03/2007
AYER, William	III-MPS	12/02/2005
BISHOP, Charles J.	III-LS	10/31/2006
BOWMAN, John	III-LS	05/22/2005
BRAND, John	III-MPS	09/09/2001
BYWATER, Stanley	III-MPS	07/15/2003
CAMPBELL, JJR	III-LS	10/22/2007
CAMPEAU, Lucien	II-2	03/29/2003
CHANT, Donald A.	III-LS	12/23/2007
CONWAY, Brian	III-MPS	07/09/2005
COSSETTE, André	II-2	03/03/2002
CURTIS, James	II-1	05/27/2005
DEHEM, Roger J.L.	II-2	01/30/2008
DODWELL, Peter C.	II-1	09/16/2006
EDWARDS, O.E.	III-MPS	05/21/2007
ERICSON, Richard V.	II-1	10/02/2007
FALLDING, Harold J.	II-1	08/23/2007
FILION, Gérard	II-2	03/26/2005
FYLES, John G.	III-EOAS	07/13/2005
GALAVARIS, George	I-3	03/30/2003
GEORGE, Pierre O.	II-2	09/11/2006
GORNALL, Allan	III-LS	03/15/2006
GUNNING, Harry	III-MPS	11/24/2002
HALL, Oswald	II-1	08/31/2007
HOAR, William S.	III-LS	06/13/2006
JACKSON, Douglas	II-1	08/22/2004
JULIEN, Claude	I-2	05/05/2005
KAREL, David	I-2	08/25/2007
KERWIN, J. Larkin	III-MPS	05/01/2004
KING-FARLOW, John	I-1	07/31/2002
KLIMOV, Alexis	I-2	02/05/2006
KROTKI, Karol	II-1	07/06/2007
KUEHNER, J.A .	III-MPS	09/26/2006

LAILLER, Keith	III-MPS	08/26/2003
LEBLOND, Charles P.	III-LS	04/10/2007
LECOURS, André Roch	III-LS	06/12/2005
LEDERIS, Karlolis (Karl)	III-LS	03/17/2007
LORRAIN, Paul	III-MPS	06/30/2006
MACLEAN, David B.	III-MPS	08/19/2003
MARMET, Paul	III-MPS	05/20/2005
MASAMUNE, Satoru	III-MPS	11/09/2003
MASTERS, Donald	II-1	11/14/2001
MATHEWS, William Henry	III-EOAS	03/03/2003
MCCARTER, John	III-LS	02/14/2005
MCFEAT, Tom	II-1	01/22/2004
MCKAY, Alexander G.	I-1	08/31/2007
MCLENNAN, Hugh	III-LS	12/24/2004
MENDELSON, Nathan	III-MPS	07/04/2006
MOORE, A. Milton	II-1	05/27/2007
MOREL, André	II-2	05/16/2005
NARANG, Saran	III-LS	12/25/2006
NATANSON, Almeria	III-MPS	09/10/2002
NETTLER, Gwynne	II-1	10/05/2007
NUFFIELD, Edward W.	III-EOAS	06/10/2006
OAKS, B. Ann	III-LS	01/13/2006
OWENS, Joseph	I-1	10/30/2005
PEARSON, William	III-MPS	02/23/2005
PICKARD, G.L.	III-EOAS	05/01/2007
POUNDER, Elton Roy	III-EOAS	05/30/2006
RANGER, Keith B.	III-MPS	02/28/2007
REDHEAD, Paul	III-MPS	07/09/2005
REE, Rimhak	III-MPS	01/09/2005
RIBNER, Herbert	III-ASE	05/08/2005
ROAZEN, Paul	II-1	11/03/2005
ROSS, Malcolm	I-1	11/04/2002
SANDOR, Thomas	III-LS	04/30/2003
SCHAEFER, Theodore	III-MPS	09/15/2007
SMALLMAN, B.N.	III-LS	05/04/2005
STERIADE, Mircea	III-LS	04/14/2006
TAUBE, Henry	III-MPS	11/16/2005
TRIGGER, Bruce	II-1	12/1/2006
VACHON, André	I-2	12/18/2003
VACHON, Louis-Albert	I-2	09/29/2006
VAN SCHENDEL, Michel	I-3	10/09/2005
WALLACE, Philip	III-MPS	03/20/2006
WICKENS, George	I-1	01/26/2006
WILSON, Bertha	II-1	04/28/2007
WINCH, David	II-1	02/03/2002
WISE, Sydney F.	II-1	03/08/2007
YORK, Derek	III-EOAS	08/09/2007
YOUNG, T. Cuyler	II-1	02/07/2006

### 2007 A.G. Huntsman award presented to Dr. Thomas Kiørboe

The A.G. Huntsman Foundation is pleased to announce that the winner of the 2007 A.G. Huntsman Award is Dr. Thomas Kiørboe from the Danish Institute of Fisheries Research, Charlottelund Castle, Denmark, for his remarkable contribution to the field of plankton ecology. The medal was presented by Dr. Andrew Miall, President of the Academy of Science of the Royal Society of Canada, during a special ceremony held at the Bedford Institute of Oceanography in Dartmouth, Nova Scotia, on November 21, 2007.

## **New RSC Membership Fee Structure**

*The following new fee structure was approved by Council in November 2007 and will be submitted to all fellows for their final approval.*



1. Full fees shall continue until a Fellow notifies RSC that he/she has retired from gainful employment, in which case fees shall then be reduced by half.
2. At any time starting in year 1 Fellows shall have the option of buying life membership. This shall be equivalent to 14 years of fees whether at the full rate or at the reduced rate, depending on whether the Fellow is fully employed or retired at the time of purchase.
3. After paying fees for a period of 25 years, a Fellow shall be deemed to be a life member of RSC and shall be so advised. A Fellow who has already paid membership fees for N years where  $N > 10$  shall need to pay, in advance, only  $25 - N$  times the annual fees at the appropriate level to become a Lifetime Member.
4. All Retired Fellows shall continue to enjoy the full benefits of membership (electronic notifications, voting, copy of membership directory, etc.) as long as they shall provide RSC with an e-mail address. Those who do not provide an e-mail address shall keep receiving by regular mail a copy of the membership directory and a copy of any ballot (for the election of new Fellows or for changes to the RSC By-Laws).
5. All Fellows shall be offered annually the option of not paying membership fees. Those who self-declare "Unable to pay fees at this time" shall be able to check off a box to that effect and shall return the form to the RSC Secretariat. The no-fee option shall be offered on an honour basis, meaning that no verification of the financial status of Fellows who choose this option shall be required.
6. RSC's fees shall be adjusted annually by the rate of inflation reported by Statistics Canada.

## **Payment of Dues – A Friendly Reminder**

To those who have not yet submitted their payment for 2007-2008, we would appreciate receiving your payment before the end of our fiscal year, which is March 31, 2008. We would also like to remind you that we will be sending the invoices for 2008-09 in April/May. Invoices will be sent either by email or by regular mail depending on the information you submitted in the Fellow Profile Update form.

## **Planned Giving**

Do you ever wonder how you will be remembered? Anticipatory thinking is no doubt one of the reasons why you are a Fellow of RSC. You have probably also thought about giving something back to strengthen the community in which you excel.

We encourage you to consider making a planned gift to the Society. We are prepared to assist with the paperwork and to provide advice on ways to proceed that best suit your personal circumstances.

The choices are numerous. The easiest way of making a planned gift is by adding a codicil or addendum to your will. These various gifts by will are called bequests. You could target a bequest to reflect your interests, by designating one of the Academies as a beneficiary. Alternatively, you could support a specific subject through a sponsored lecture or medal. If you have a mix of assets, you might want to pursue other ways of supporting the Society, such as gifts of Canadian cultural properties, publicly traded securities, annuities, and life insurance. Many of these options have significant tax advantages for you today. Most important, the Society would continue to benefit from your thoughtfulness and foresight. Your generosity would contribute to the Society's growth and increasing visibility.

The RSC Secretariat can provide general information or put you in contact with an independent advisor. We look forward to hearing from you. As we all become increasingly aware of our mortality, we ask you to think of making the Royal Society part of "the living record of your memory".

If you would like to discuss planned giving further, please do not hesitate to contact our Executive Director François Bélisle.



## **RSC Council as of March 2008**

The RSC is pleased to confirm the current members of Council:

### **Executive Committee**

Yvan Guindon: President (2007-09)  
Patricia Demers: Past-President (2007-08)  
Robert Major: Honorary Secretary (2007-09)  
David Lockwood: Honorary Treasurer (2006-08)  
Christl Verduyn: President, Academy of the Arts and Humanities (2007-09)  
Monica Boyd: President, Academy of Social Sciences (2007-09)  
Andrew Miall: President, Academy of Science (2007-09)

### **Other members of Council**

James Miller: Secretary, Academy of the Arts and Humanities (2007-09)  
Simon Langlois: Secretary, Academy of Social Sciences (2007-09)  
Keith W. Hipel: Vice-President, Academy of Science (2007-09)  
Nicolas D. Georganas: Secretary, Academy of Science (2007-09)  
Ashok K. Vijn: Officer, Academy of Science (2007-09)  
Howard Alper: Foreign Secretary (2007-10)  
*Vacant*: Chair, Awards Committee (2007-10)  
Ratna Ghosh: Chair, Committee for the Advancement of Women in Scholarship (2005-08)  
*Vacant*: Honorary Editor (2007-2010)  
Sandra Irving: Chair, President's Advisory Council (2007-09)  
Karen Hitchcock: Institutional Members representative (2007-09)  
Sean Riley: Institutional Members representative (2007-09)

## ***Appointment of Auditor***

We wish to inform our membership that the firm of Newton&Co. Chartered Accountants has been appointed as auditors for RSC's fiscal year April 1, 2007 to March 31, 2008.

## ***Submissions for forthcoming issues of RSC News should be sent to:***

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