

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



SRC
La Société royale du Canada
Les Académies des arts,
des lettres et des sciences
du Canada

RSC REPORT TO ITS FELLOWSHIP

NOVEMBER 2011



The Royal Society of Canada



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THE REPORT OF THE PRESIDENT
November 2010 – November 2011

To: The Fellowship
From: The President
Date: November, 2011

OVERVIEW

In my Report to the Fellowship in November 2010 (publicly available at www.rsc-src.ca), four distinct priorities were identified for 2011. These were: (1) to follow up on matters arising from initiatives undertaken in 2010; (2) to create new Task Forces and Study Panels as the need for further reflection on the mission, mandate and operations of the Society arises; (3) to enhance programming and development of relationships and activities involving Fellows, Academies Institutional Members and Regional Chapters, as well as partnerships with bodies like the CCA, CAE, CAHS and CIFAR, and with supporters in the business sector; and (4) to continue the development of governance policies, procedures and protocols.

Section 1 of this Report follows up on each of the 2011 priorities as set out in the President's Report to the Fellowship in November 2010.

Section 2 of this report provides an overview of the manner in which 2011 initiatives individually and collectively respond to the Society's three-fold mission: (1) To recognize outstanding scholarly achievement in the arts, humanities, and sciences; (2) To promote a culture of knowledge, innovation and evidence-based policymaking in Canada; and (3) To advise governments and organizations.

Section 3 briefly reviews the process leading to the development of the Society's Strategic Plan for 2012-2017.

Many themes adverted to in this Report are developed in detail in the Reports of Officers of the Society, namely: the Honorary Secretary, the Honorary Treasurer, the Chair of the President's Advisory Council, and the three Academy Presidents.

Other themes are developed in detail in the reports of Standing Committees of the RSC, namely: The Report of the Committee on International Affairs; the Report of the Committee on Expert Panels; the Report of the Committee on Communications; the Report of the Committee for the Advancement of Women in Scholarship; and the Committee on Awards.

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SECTION 1: BUSINESS ARISING FROM THE 2010 REPORT FROM THE PRESIDENT

1. Standing Committees

Objective: To ensure that Standing Committees of the RSC are operational and possess the information and administrative support required for them to fulfill their mandate.

The following Standing Committees of the RSC are now at full complement, and each committee has submitted an Annual Report to the Fellowship.

1. The Committee on International Affairs (created in 2010)
2. The Committee for the Advancement of Women in Scholarship
3. The Committee on Communications (reconstituted in 2010)
4. The Committee on Expert Panels (created in 2010)
5. The Committee on Awards and Recognition

The following Standing Committees were not operational in 2011 and have not submitted an Annual Report.

1. The Programme Committee
2. The Committee on the Nomination of Officers

The following Standing Committees will be constituted in 2011

1. The Finance Committee (see: Report from the Honorary Treasurer)
2. The Audit Committee (see: Report from the Honorary Treasurer)

The Committee on Fellowship is a Standing Committee that meets at the call of the Council. It is currently completing the mandate given to it in 2011.

2. Nomination of Society Officers, Non-executive Officers and Committee Chairs

The nomination of Society Executive Officers, Non-executive Officers and Committee Chairs is reviewed in the reports of RSC Officers and Standing Committees.

In 2011 the Council considered the processes by which these Officers and Committee Chairs are selected, and discussed modifications relating to the selection of the Society's Executive Officers. Currently only the nomination process for the Presidency is subject to a formal procedure. In 2011, the Council decided to canvass Fellows for suggestions as to possible candidates for the position of Honorary Secretary, without otherwise changing the nomination process. It is anticipated that the Council will revisit this issue more fully in 2012, examining not only nomination and selection processes for Officers, but also for Chairs of Standing Committees.

3. Creation of new Task Forces and Study Panels

The following five Task Forces struck in 2010 will be submitting reports to Council at its meeting of Saturday, November 26, 2011:

1. The Task Force on Intervention in Matters of Public Importance (Chair: Irving Abella)
2. The Task Force on Institutional Members (Chair: Daniel Woolf)
3. The Task Force on Diversity in the Fellowship (Chair: Constance Backhouse)
4. The Task Force on Awards and Recognition (Chair: Roseann Runte)
5. The Task Force on an Academy of New Scholars in the Arts and Sciences (Chair: Chad Gaffield)

One new Task Force was struck in 2011: The Task Force on the place of Canada's Two Official Languages in the Operations of the Society (the "Task Force on Bilingualism"). The mandate and membership of this Task Force will be finalized early in 2012.

4. The President's Advisory Committee

The President's Advisory Committee did not meet in 2011, although the Chair of the Advisory Council worked closely with the President and the Council on two key matters: (1) bringing the *Extending Excellence* Campaign to a successful conclusion; and (2) assisting in developing the Society's approach to the Government of Canada for general programme funding.

5. Programming and Development

This year saw the completion of a number of initiatives undertaken prior to 2010, as well as several initiatives launched in 2010 and completed in 2011. Some the initiatives launched in 2011 have been brought to completion while others are ongoing. These are listed in order in the following sub-sections.

Initiatives carried forward from previous years

1. The *Extending Excellence* Campaign
2. Four Expert Panels

Initiatives undertaken in 2010

1. Review and Development of the Society's Scholarship Programmes (for this report, see the Report of the Standing Committee on Awards)
2. Completion of Phase One of the Obituaries Project (see the Report of the Honorary Secretary)
3. Implementation of Full-Cost Accounting (see the Report of the Honorary Treasurer)
4. Purchase and Occupancy of Permanent Home for the Society (see the Report of the Honorary Secretary)
5. Development of a Fundraising From Fellows Campaign (see the Report of the Honorary Treasurer)

Initiatives undertaken in 2011

1. Strategic Planning Process (see report from the Honorary Secretary)
2. Programming at Institutional Members
3. Fundraising Dinner, Fall 2011 (see report of the Honorary Treasurer)
4. Dues Invoice Redesign (see report of the Honorary Treasurer)
5. "The Next 130 Years" (see report of the Committee on Communications)

6. Creation of Academy Newsletters (see report of the President of the Academy of Science as well as the report of the Committee on Communications)
7. Increasing Scholarly Content at the AGM (see the report of the Committee on Communications as well as the report of the Committee on Expert Panels)
8. “Preparing a Nomination” (see the Report of the Committee on Communications)

Initiatives undertaken in 2011 and still ongoing

1. Reconstitution of the President’s Advisory Committee
 2. Establishment of an informal tri-Academy network in Quebec
 3. Development of a strategy for soliciting support from the Government of Canada
 4. Preparation of a Guide for Institutional Members
6. Continuing Development of Governance Policies, Procedures and Protocols
1. By-Laws (see report of the Honorary Secretary)
 2. Society Operations Manual
 3. Academy Operations Manuals
 4. Secretariat Operations Manual
 5. Establishment of Finance Committee
 6. Establishment of an Audit Committee
 7. Development of a Whistle-blowing Policy
 8. Continued reflection on processes for selecting Officers and Chairs of Standing Committees
 9. Increasing the number of Fellows participating in the activities of the Society and enhancing their role in its governance

SECTION 2: TO RECOGNIZE, TO PROMOTE, TO ADVISE 2011

This section of my Annual Report covers the period November 29, 2010 – November 26, 2011, outlining activities of the Society, ongoing projects, current challenges and opportunities being pursued in 2011.

This Report is organized thematically, to address the three main facets of the Society's mission:

- (1) To Recognize
- (2) To Promote
- (3) To Advise

1. To Recognize

This section outlines how the activities of the RSC over the past year have contributed to its fulfilling one of the three central components of its mission – to *recognize* outstanding intellectual accomplishments and excellence in the contributions of scholars and artists of every generation and background.

Four Task Forces

Over the past year, three of the Society's five Task Forces struck in 2010 have been working to enhance the mechanisms by which the RSC recognizes outstanding achievement in the arts, humanities and sciences. Their work will contribute to enhancing the way the Society recognizes excellence.

The Task Force on Awards and Recognition has sought to rationalize the 22 medals and awards currently offered by the Society and to develop mechanisms to increase nominations for these awards. In addition, the Task Force has devoted energy to exploring whether the present configuration of prizes and medals reaches all the disciplines and fields comprising the fellowship. The RSC must display its relevance to scholars by signalling accomplishment in newly developing fields and in the arts. The Task Force on Awards and Recognition is also planning and designing new scholarship and outreach programmes to recognize excellence in the next generation of scholars and researchers. Finally, the Task Force is addressing the question of publicity. How might we better signal to Canadians the accomplishments that are reflected in the award of one of these prizes and medals? The recommendations of the Task Force will be considered at the November 2011 meeting of Council.

The Task Force on Diversity in the Fellowship has a broad substantive mandate, one of the key elements of which is to ensure that the procedures and protocols for election to the fellowship and for the honour of medals and awards are well-designed so as to acknowledge the diversity of excellence in Canada's artistic and scholarly communities. Evidence collected by the Task Force indicates a very rich and diverse community of outstanding scholars in Canada. It is essential that the Society have in place mechanisms to ensure that scholars who for various reasons related to culture, background, gender or geography may not be as well-known as they should be, are recognized for their achievements through election to the Society. The Task Force has filed a comprehensive Report containing several recommendations for adoption at the Council meeting of November 2011.

The Task Force on an Academy of New Scholars in the Arts and Sciences is a third initiative through which the Society is inquiring into its mechanisms for reaching out to recognize intellectual and artistic excellence within non-mainstream constituencies. Traditional notions of the role and composition of National Academies are being revisited throughout the world. The Global Young Academy (GYA) is one

such development that has gained remarkable traction in its relatively brief history. This collegium of early-career and emerging scholars from all disciplines champions excellence irrespective of nationality, ethnicity, religion, gender, discipline or political or other beliefs. Many of these National Academies have sought to establish closer links with the GYA by establishing national bodies of new scholars with like mandates. The RSC Task Force has been analyzing the Society's Strategic Plan in the light of this international trend towards recognizing excellence among emerging scholars. The Report of the Task Force will be considered at the Council meeting in November.

This fall the Council struck a sixth policy-oriented Task Force. Like the three Task Forces just noted, a significant component of mandate of this Task Force on Canada's Official Languages in the Operation of the RSC, is aimed at ensuring that our celebrations of scholarly, scientific and artistic excellence are conducted and publicized effectively in both official languages of Canada. Of course, the role of this Task Force goes beyond the Society's mission to recognize outstanding contributions. As it begins its work, it will act in close concert with the other Task Forces, with the Committee on Fellowship, with Standing Committees of the Society, and with Divisional and Academy New Fellow Selection Committees to develop protocols and procedures to promote a truly bilingual face for the Royal Society of Canada. Ensuring that the RSC processes for identifying, assessing and electing new Fellows and for conferring medals and awards reflect the best traditions of Canadian bilingualism and that all candidacies are treated with care and due consideration regardless of the language in which they are presented is a key aspect of the mandate of this Task Force.

The Committee on Fellowship

At the call of the Council, the Committee on Fellowship, chaired by the Past-President, meets to examine questions related to the composition of the fellowship, and procedures relating to nomination and election. This fall, the Committee will be examining various issues, such as the question whether the allocation of electable positions among the three Academies and their Divisions remains appropriate given the size of the scholarly community in each discipline and the number of nominations received each year. The Committee may also be considering issues such as procedures for nominating candidates whose intellectual work is undertaken in both English and French, or is multidisciplinary in fields falling within two or more Divisions or Academies. Ensuring that the RSC processes are adequate to the evolution in the volume, scope and character of scholarly and artistic achievement is a major ongoing challenge for the Society.

Enhancing the Communication of Fellows' Election and Accomplishments

In the summer of 2010 the Council authorized two initiatives meant to enhance the recognition afforded to Fellows for their ongoing and career accomplishments. Both of these are now established and plans are afoot to develop them further. An initial action was to create on the RSC web-page, a rubric under which Fellows could report to the Society of their recent awards and accomplishments. Beginning in 2012, the Society's web-page will systematically report on Fellows who have been named to the Order of Canada, or who have won major awards from the Canada Council, the three granting Councils, and other Canadian scholarly academies. It is hoped that this page will become an active resource for Fellows and can serve to publicize to the broader community the considerable accomplishments of the Fellowship as a whole.

This fall, the Society is also taking steps to enhance the recognition that is given to new Fellows, and annual award winners. We are upgrading our website, and a few weeks ago, at no charge to the Society,

the Globe and Mail published, as a contribution to the promoting the Society's mission, a full-page advertisement announcing new Fellows and their institutional affiliations.

Obituaries

In 2010 Council decided to reinstitute the practice of collecting and publishing the biographies of deceased Fellows. Over the past 12 months more than 250 obituaries of Fellows deceased since 2000, have been written and published on the site, and another 50 obituaries of Fellows who passed away this year have been prepared. Presently, there are only 24 obituaries outstanding from the more than 1200 deceased Fellows of the Society.

Over the next few years, in collaboration with the Communications Committee, the plan is to produce a complete electronic record of all Society obituaries, dating back to the first obituaries published in hard copy in the Annual Transactions of the Society.

Acknowledging and Celebrating the Role of Institutional Members

Institutional Members (IMs) have become a key feature of the Society over the past several years. Almost all Fellows and award winners are affiliated either directly or indirectly with an IM. Many Society events like the Governor General Lecture Series take place on campuses of IMs. In recognition of the importance of Institutional Members to the Society, a Task Force has been established to report on mechanisms for enhancing the role of IMs in all dimensions of the RSC's operations. The report of the Task Force on Institutional Members will be submitted to Council on its meeting in November 2011.

This summer and fall, I have visited fifteen Institutional Members: University of PEI, Dalhousie, Moncton, Mount Allison, Laval, UQAM, Université de Montréal, McGill, University of Toronto, York, University of Calgary, University of Alberta, Simon Fraser University, University of British Columbia and the University of Victoria. These visits have had several purposes. Among these are: to increase the profile of the RSC among Canadian scholars; to celebrate the achievements of individual Fellows on various campuses; to thank Institutional Members for their support of the Society and their energy in sponsoring the candidacies of new Fellows; and to continue the process of consultation with IMs and Fellows as the Society pursues the elaboration of its Strategic Plan.

I also had occasion to inform the Fellowship about the acquisition and fit up of Walter House, as well as announcing various opportunities for Fellows from different Institutional Members to name a room in the Society's new headquarters for their University. The goal here is to provide an opportunity for Fellows collectively to obtain recognition for the Institutional Member with which they are affiliated.

In view of the important place that Institutional Members play in the life of the Society, two documents have been planned to assist them in their endeavours. The first of these is entitled *Preparing a Nomination* and was circulated to Institutional Members and posted on the RSC web-site this summer. This document is intended to provide sufficient guidance about the nomination process that both individual nominators and smaller-sized Institutional Members are able to prepare nominations that are as persuasive as those generated by larger Institutional Members.

The second document is a *Guide for Institutional Members*. This document is still in draft form. Its purpose is to set out comprehensively the various activities that the Society undertakes jointly with its Institutional Members and to outline the benefits that obtain from Institutional Member status within the

Society. A final version will be completed following adoption by the Council of the recommendations of the Task Force on Institutional Members.

Recognizing Artistic and Scholarly Excellence in all its Dimensions

One of the most important challenges for the RSC is to fulfill the role of being Canada's respected and trusted voice in *recognizing* artistic and scholarly excellence. In the years ahead this will mean reaching out beyond traditional means of recognition, finding creative vehicles to publicly celebrate our intellectual leaders, and ensuring that all outstanding artists and scholars, regardless of discipline, background, culture, gender and age are eligible for fellowship in Canada's National Academy. The various efforts undertaken by Task Forces and Standing Committees this year comprise an important step forward in achieving this objective.

2. To Promote

National academies around the world see the promotion of scholarly and artistic excellence as one of their most important roles. Today this mission of the RSC comprises two main elements.

One is to sponsor activities that aim to enhance public awareness of the importance of scholarly and scientific research to Canada. This occurs in a variety of ways and includes participation in on multilateral agencies (G8, UNESCO, IAP), exchange lectureships with other national academies, joint ventures with research think tanks and universities, the sponsorship of symposia and conferences aimed at the general public and the news media, and the dissemination of research and commentary on key topics in both the scientific and the popular media.

The other key role is to support and mentor students (especially from disadvantaged backgrounds) who seek to pursue, or who are pursuing, higher education. An important feature of this mission is to reach out to secondary school students, promoting careers in science to students who are from groups historically underrepresented in these domains. In this endeavour, the dissemination of research and commentary on topics of current significance is a central activity.

While this should probably be the Society's most visible public role, it is today the facet of the RSC mandate that is least known both within the RSC and among Canadians generally. How exactly does the Society go about fulfilling this mandate in such a way that neither simply replicates activities undertaken by other organizations nor prodigally or frivolously dissipates the Society's limited resources?

The Society's Annual Symposium

The organization of the Annual Symposium rotates among the three academies. Each year the symposium features distinguished lecturers who present their research via presentations, discussions and panels. These interdisciplinary symposia are open to the public, and through its High School Outreach and Scholarship Programmes, many secondary school and university students from across Canada are able to attend.

Topics for the Annual Symposium are chosen for their salience for Canadian public policy. In 2008 the symposium was entitled "The Cultures of War and Peace" and was organized by the Academy of Arts and the Humanities (Academy I). The Academy of Science (Academy III) presented the 2009 Symposium on the theme "The Universe and Our Place in It". In 2010 the Academy of Social Sciences (Academy II) organized the Annual Symposium, focusing on "Immigrating to Canada: Who Comes? Who Stays? Who Decides?" In 2011 the Academy of the Arts and Humanities organized the Symposium, "Literacy and Citizenship in the 21st Century" held on October 14 at the National Library and Archives of Canada. The Academy of Science will organize the 2012 Annual Symposium on the topic of one of the RSC Expert Panels, "Early Childhood Development."

For the past four years the Symposium has been held independently of the Annual General Meeting, with which it had been historically associated. This enabled the Society to contemplate holding the Symposium in a location other than Ottawa, although in fact, the Symposium was an Ottawa event each year. It also permitted the AGM to focus particularly on presentations by new Fellows, and to highlight the reports of Expert Panels that reported in the previous 12 months. In 2012, however, the events will again be combined.

Regional Activities

The organization of regional symposia is undertaken by regional chapters of the Society. Regional symposia afford the Society the opportunity to engage in local issues from a regional as well as a national perspective. To date the Society has organized a regional chapter in Atlantic Canada and much has been accomplished in promoting an informal network in Quebec. The 2010 symposium on the future of Atlantic Canada attracted over 200 participants, including 50 university and high-school students from every Atlantic province. Each year for several years Queens University has hosted an Eastern Ontario regional network meeting where Fellows present ongoing research to a multidisciplinary audience.

Academy Activities

A number of activities are also organized each year by the three Academies. For example, in 2010 the Academy of Science hosted the Conference and General Assembly for the Interamerican Network of Academies of Sciences (IANAS). It is expected that Academy and Division-specific programming will be enhanced in future years.

Congress of the Humanities and Social Sciences

Every year, the Canadian Federation for Humanities and Social Sciences (FedCan) organizes a Congress of the Humanities and Social Sciences (the event formerly known as “The Learned’s”). Academies I and II work with FedCan to host one or more public lectures and panels during this Congress. In past years, the Society has sponsored lectures by Saskia Sassen in May 2010 and by Kwame Anthony Appiah in May 2011, as well as Panels on Redefining Identities in Contemporary Canada (Repenser les identités dans le Canada contemporain).

Activities Co-Sponsored with Institutional Members

The Society partners with its 47 institutional members to organize events of interest to the university community and the broader local public. Recurring annual events include the Governor General Lecture Series, held annually at four to six different campuses across Canada, and Taboo Topics Forums meant to raise public awareness of issues that are sometimes considered too controversial to be discussed in other fora. In addition, the Society partners with institutional members to co-host regional meetings and public lectures to promote expert panel reports where a professor from that university has been a member of the panel or review. For the 2011-2012 cycle, Jim Miller of the University of Saskatchewan delivered six lectures under the title “We Are All Treaty People” at campuses from coast-to-coast.

International Programmes and Symposia

The Society hosts a variety of lectureship programmes throughout the year to strengthen links with other national academies and research institutions. Examples of these programmes are the UK-Canada Rutherford Lecture Series and the Women in Science, Engineering and Technology (WISSET) programme co-sponsored with the National Academy of Japan.

The Society is a member of the InterAcademy Panel (IAP) and of the InterAmerican Network of Academies of Science (IANAS). In 2010, the Society hosted the annual symposium and meeting of IANAS, attended by representatives of 17 InterAmerican Academies. Moreover, since Canada was co-

host of the G8 this year, the Society was also responsible for organizing the preparation of the Statements of G8 Academies for submission to the 2010 Summit in Huntsville.

International symposia are organized in partnership with other academies. For example, the 2009 symposium on Genetically Modified Organisms was organized in partnership with the *l'Académie des sciences de l'Institut de France*. In November 2010 the Society participated in a symposium entitled "Canadian-South African Dialogue on the Humanities", hosted by the South African Academy of Science in Cape Town. The follow up event to this promising bilateral initiative will be held in Canada in 2012.

Promoting a Culture of Knowledge and Evidence-Based Policy Making

One of the main challenges facing the RSC in the years ahead is to develop a communications strategy that enables it to responsibly fulfill its mission to promote a culture of knowledge, intellectual achievement and evidence-based policy making. This past year the Communications Committee worked on developing a 1, 3, 25 protocol for publicizing Expert Panel reports. The RSC web-site is also being renewed, and it is expected that the Governor-General Lectures Series and other significant society events will be web-cast and archived in video format on the site. Making full use of social media and other modern communications tools will be a major thrust of the Society's endeavours in pursuing this second of its three missions.

3. To Advise

Among the many public-service roles of national academies around the world, one of the most important is the provision of expert advice on matters of national interest to governments, NGOs and other civil society groups. For some years, the Society has co-sponsored events in which key issues of science and technology are presented to parliamentarians and science journalists.

Other mechanisms for the Society that enable it to intervene in the public domain have been the focus of the Task Force on Intervention in Matters of Public Importance and the Committee on Expert Panels.

Expert Panels

Expert Panel Reports are meant to provide governments and Canadians with objective, comprehensive and up-to-date information about the state of knowledge in particular fields of inquiry.

During the 1990s, the Society sponsored a large and successful series of Expert Panel Reports on, for example, Asbestos, the Primate Colony, Radiofrequency Fields, Genetically Modified Foods, Air Quality Models, and B.C. Offshore Oil Drilling, many of which continue to be cited widely and continue to inform public policy.

Recently, the Society re-established its expert panel process and has undertaken four separate studies – on End-of-Life Decision Making; Canada's Marine Biodiversity; Oil Sands; and Early Childhood Development. The first of these, on the impacts of the Oil Sands development, reported in December 2010, and the second, on End of Life Decision-Making, reported in November 2011. The reports on Marine Biodiversity and Early Childhood Development will be released in early 2012.

In 2012, three new Expert Panel projects will be announced. It is anticipated that at least one of these will be undertaken in collaboration with another National Academy on a topic of transnational interest.

Intervention in Public Debate on Issues of National Scholarly Concern

A second dimension to the Society's advisory role relates to its obligation to intervene in matters of public importance that bear on the capacity of Canada's scholars to pursue their research. Occasionally, governments, or even private-sector actors, will propose certain projects or launch certain initiatives that have a direct bearing on the capacity of Canadian or foreign scholars to advance knowledge in their disciplines.

In the past, the RSC has not hesitated to defend scholarship and free inquiry worldwide. So, for example, its International Affairs Committee has joined with other academies as signatory to letters forwarded to foreign governments that are imprisoning dissident scholars. In 2012, the Standing Committee on International Affairs will address the question of the manner in which the RSC ought to intervene internationally, most particularly in connection with attempts by governments to impose barriers to free academic and scholarly inquiry.

To date, happily, the Society has not been required to be active in this way domestically. Nonetheless, the defence of independent science and scholarship is a core mission of the RSC. Where a proposed policy would have a significant impact on scholarly research, the Society would have a duty to register its concern and to explain why such a policy is inappropriate.

Following deliberation about the appropriate Society response to the decision of the government to cancel the mandatory long-form census, the Council of the Society struck a Task Force, chaired by Professor Irving Abella, charged with examining the extent to which the Society ought to intervene institutionally in matters of public importance. The Task Force Report contains several recommendations that would enable the society to adopt a clear and consistent policy with regard to the manner in which it intervenes in public policy debates relating to the integrity of research and the capacity of scholars to pursue the advancement of knowledge.

A respected, independent voice in support of evidence-based public policy-making

As Canada's National Academy, the Royal Society of Canada aims to avoid taking positions on political questions, but rather focuses on promoting the creation and diffusion of knowledge. Expert panel assessments are meant to provide governments and Canadians with objective, comprehensive and up-to-date information about the state of knowledge in particular fields of inquiry. Interventions into debates about questions relating to the capacity of Canada's scholars and artists to pursue their research or creative endeavours are a key mechanism for pursuing this mission.

SECTION 3: DEVELOPMENT OF THE SOCIETY'S STRATEGIC PLAN 2012-2017

The past six years have been a period of consolidation and adjustment to the new organization of the Society brought about by amendment of the By-Laws in 2005. Now that the institutions and procedures contemplated by that new organization have been in place through a complete cycle of Presidential leadership by all three Academies – Academy I (Patricia Demers 2005-2007), Academy III (Yvan Guindon 2007-2009); Academy II (Roderick Macdonald 2009-2011) – it is time to plan for the future.

In addition two significant developments have taken place over this same period. First, the \$5 million *Extending Excellence* Campaign, launched in 2007, was brought to a successful conclusion with a gala fundraising dinner in Toronto on October 19, 2011. The Campaign co-Chairs, Sandra Irving and Laurent Beaudoin, were outstanding champions for the Society throughout. In addition, BMO, Deloitte, Bombardier and Irving Oil were key contributors to the capstone fundraising gala. All these corporate donors have supported the Society in the best traditions of disinterested philanthropy, and their contributions have enabled the RSC to pursue programmes and activities that directly advance its statutory mission and mandate.

Second, a \$500,000 gift from former President William Leiss enabled the society to acquire its first-ever permanent home in Ottawa. The Society took possession on September 1, and following enactment of a borrowing By-Law and the AGM will obtain formal title to 282 Somerset Avenue on December 1. Renovations are now underway, with occupancy slated for January 1, 2012.

In view of all these significant developments, in the late spring of 2011, the Council decided to proceed to the elaboration of a Strategic Plan for the Society to cover the period 2012-2017.

Initial reflections on the current vision, mission and mandate of the Society indicate that however much it has been faithful to the aspirations of its founders, it has perhaps been less successful in discovering, articulating and pursuing new facets of these aspirations. Over the past year the RSC has canvassed Fellows, Institutional Members, National Academies in other countries and selected Canadian scholarly organizations, NGOs, funding agencies and research think tanks with a view to developing the Society's Strategic Plan for the next five years.

The development of this Plan has been a major undertaking, and has been carried along thanks to the significant *pro bono* involvement of Deloitte, to whom we are most grateful. Following circulation of a framework Document in the fall of 2011, a final draft of the Strategic Plan will be presented to the Fellowship at the 2011 AGM. A key feature of the Plan will be to propose even more effective mechanisms and procedures by which the RSC can recognize outstanding contributions by artists and scholars.

The process leading to the development of the Strategic Plan is elaborated in the Report to the Fellowship from the Honorary Secretary.

CONCLUSION

Much has been accomplished in 2011. Nothing could have been achieved, however, without the engagement of many, many individuals and organizations. I would like to acknowledge them here.

To begin, *the members of the Council*: Past-president - Yvan Guindon; President-elect - Yolande Grisé; Honorary Secretary - Robert Major; Honorary Treasurer - Danial Wayner; Institutional Member

Representative - Sean Riley; Chair of the President's Advisory Council - Sandra Irving; President of Academy I - Patrick Imbert; Presidents of Academy II - Marc Renaud and Celine Saint-Pierre; President of Academy III - Graham Bell; Secretary of Academy I - Doug Owram; Secretaries of Academy II - Neena Chappel and Susan McDaniel; Secretary of Academy III - Xiaoyi Bao; Member-at-large (President-Elect) of the Academy of Science - Marie D'Iorio; Member-at-Large of the Academy of Science - Dan Smith; Chair of the Awards Committee - Roseann Runte; Chair of the Committee for the Advancement of Women in Scholarship - Constance Backhouse; Honorary Editor - Ronald Rompkey; Foreign Secretaries - Howard Alper and Jeremy McNeil; and Expert Panel Secretaries - Bill Leiss and Geoff Flynn.

I'd also like to thank *the members of the Society's Secretariat*: Executive Director - Darren Gilmour; Manager of Services and Administration - Louise Joly; Comptroller - Linda Clauson; Officer of Member Services - Marie Lyne Renaud; Officer of Recognition - Sarah Pouliot; Senior Officer of Communications - Erika Kujawski and Senior Officer of National and International Events - Amélia Zaglul.

This past year many Fellows served as *Chairs of Standing Committees and Task Forces*. These included: Roseann Runte, Chair of the Awards Committee, and Chair of the Task Force on Awards and Recognition; Constance Backhouse, Chair of the Committee on the Advancement of Women in Scholarship and Chair of the Task Force on Diversity; Daniel Woolf, Chair of the Task Force on Institutional Members; Chad Gaffield, Chair of the Task Force on an Academy of New Scholars in the Arts and Sciences; and Irving Abella, Chair of the Task Force on Intervention in Matters of Public Importance.

Many Fellows also served on the *Executive or as Officers of Academies and Divisions*. In addition to those listed, I should like to mention: Director of Division 1 of Academy I - Gwen Davies; Director of Division II of Academy I - Yolande Cohen; Director of Division III of Academy I - Allan Bell; Director of Division I of Academy II - Janine Brodie; Director of Division II of Academy II - Alain Gagnon; Director of the ASE Division of Academy III - Dan Smith; Director of the EOAS Division of Academy III - Mike Church; Director of the MPS Division of Academy III - Robert Morris; Director of the LS Division of Academy III - Marla Sokolowski.

In addition, many Fellows served as members of Society Committees and members of Academy and Divisional Nominating and New Fellow Selection Committees.

I wish to acknowledge those Fellows who were active in Society events such as: The Governor General's Lecture Series -- Jim Miller and Clyde Hertzman; The Annual Symposium -- Pierre Levy; The Expert Panels -- Steve Hrudey, Andrew Weaver, Clyde Hertzman, Michel Boivin, and Marla Sokolowski.

I also want to thank those Fellows who were actively involved in international events such as: The Conference on the Future of the Humanities -- Ted Chamberlain, Len Findlay, Carole Gerson, and Howard Alper; IANAS -- Keith Hipel, David Layzell, and Frances Henry. Finally, I wish to recognize Eva Kushner for her multi-faceted, long-term and continuing commitment to the international affairs of the RSC.

All in all, more than 250 Fellows have been involved in Society activities this past year. We all owe a great deal to them, and to the engagement and support of the Society's 47 Institutional Members. Without their extraordinary service and commitment, none of the projects listed in this Report could have been accomplished.

Of course, much more remains to be done. With the leadership of the incoming Executive Officers -- President-Elect Yolande Grisé, Honorary Secretary-Elect André Lapierre, and Honorary Treasurer Danial Wayner -- the RSC is in the hands of visionaries who are also talented administrators. The acquisition of a permanent home at 282 Somerset West, and the elaboration of a five-year Strategic Plan that encompasses the remarkable work of six RSC Task Forces, the careful reflection of the Council and the Society's Committees, and the thoughtful input of the leadership of the three Academies and the Fellowship at large, the Society has a strong vision for a vibrant future. I am confident that the Royal Society of Canada will continue to develop programmes and activities that enhance its key missions to recognize, to promote and to advise – touchstones of its mandate since its founding in 1882.



THE REPORT OF THE HONORARY SECRETARY
November 2010 – November 2011

To: The Fellowship
From: The Honorary Secretary
Date: November, 2011

OVERVIEW

1. Meetings of the Executive Committee and Council
2. Election and Nomination of Officers
3. Nomination of Secretary, Expert Panels
4. Nomination of Associate Editor, Francophone
5. Composition of the Committee on Specially Elected Fellows
6. Strategic Plan
7. List of New Fellows, 2011
8. Scholarly Content at the Annual General Meeting
9. By-Law Amendments



BUSINESS IN 2011

1. MEETINGS OF THE COUNCIL AND EXECUTIVE COMMITTEE

Since the Annual General Meeting in November 2010, the RSC Council met twice and the Executive Committee met five times.

Meetings of Council

1. May 9 Ottawa
2. September 4 Teleconference

Meetings of the Executive Committee

1. February 2 Teleconference
2. March 29 Teleconference
3. June 28 Teleconference
4. August 26 Teleconference
5. October 14 Ottawa

It is anticipated that the Council and Executive Committee will meet at approximately this frequency in 2012.

2. ELECTION AND NOMINATION OF OFFICERS

In February the Honorary Secretary confirmed that the Fellowship elected Yolande Grisé to the position of President-Elect of the Royal Society of Canada.

In August, the Executive Committee noted the absence of explicit protocols relating to the manner in which candidacies come forward and nominations are made by the President for the positions of Honorary Secretary and Honorary Treasurer.

The Executive Committee suggested that a degree of formalization for the nomination of these positions would be desirable.

In the interim, the Secretariat issued a communiqué to Fellows outlining the responsibilities of the Honorary Secretary and inviting Fellows who may have ideas about persons who might be approached by the President-elect to forward these names to the Secretariat.

In October, the President-Elect reported that a number of suggestions were brought forward with regard to the position of Honorary Secretary. Having consulted widely on this matter, the President-Elect approached André Lapierre, whose suitability for the post was widely endorsed by Fellows and members of Council.

The President-Elect sought the feedback of the Executive Committee, which unanimously endorsed the nomination.

The list of Officers for November 2011 to November 2012 will be presented to the Fellowship at the Annual Business Meeting on November 27.



3. NOMINATION OF SECRETARY, EXPERT PANELS

In May, Council nominated T. Geoffrey Flynn to succeed Bill Leiss as Expert Panel Secretary and Chair of the Committee on Expert Panels for the term of 2011 to 2014.

4. NOMINATION OF ASSOCIATE EDITOR, FRANCOPHONE

At its meeting of February, the Executive Committee confirmed the nomination of Bernard Beugnot to the position of Associate Editor (Francophone) for the term of 1 May 2011 to 23 November 2013. M. Beugnot joined Jonathan Lomas (Associate Editor, Anglophone), and Ronald Romkey (Honorary Editor) to complete a team whose mission is to ensure a strong communications strategy, as well as quality assurance in terms of translation. Both Associate Editors sit as members of the Committee on Communications.

5. COMPOSITION OF THE COMMITTEE FOR SPECIALLY ELECTED FELLOWS

At its meetings of February the Executive Committee contemplated the absence of explicit protocols outlining the manner in which the members of the Committee for Specially Elected Fellows are identified. It was reaffirmed that this committee be composed of members who have ample experience in this type of process.

The Executive Committee determined that the Committee for Specially Elected Fellows ought to be composed based on the principle that Academy Presidents shall be members of the committee.

Given the approval of the above-recorded motion, the composition of the committee is as follows:

RSC Past-President as Chair Yvan Guindon 2010-2011
Member of the ACSNF - Academy I Patrick Imbert 2011-2013
Member of the ACSNF - Academy II Céline Saint-Pierre 2011-2013
Member of the ACSNF - Academy III Graham Bell 2011-2013
Representative from Academy I, Division 1 Gwendolyn Davies 2010-2012
Representative from Academy I, Division 3 Allan G. Bell 2010-2012
Representative for Academy II, Division 1 Neena Chappell 2011-2013
Representative for Academy III, ASE Dan Smith 2011-2013
Representative for Academy III, EOAS Andrew Miall 2011-2013
Representative for Academy III, MPS David Lockwood 2011-2013

6. STRATEGIC PLAN

At the November 2010 meeting of Council, the Honorary Secretary was authorized to begin reflection on the utility and character of a strategic planning process for the Society.

The success of the Society's fundraising campaign, combined with enhancements to the Society's governance structure, combine to create the conditions for a strategic planning exercise by the Society.

In March 2011, the Honorary Treasurer submitted to the Executive Committee a 5-year Financial plan and recommended that the RSC convene a leadership retreat to discuss a strategic plan.

The retreat, facilitated by Deloitte, was held in Ottawa on June 13. Invitees included members of the RSC Executive Committee and Council, Task Force Chairs, Presidents of Institutional Members and volunteer strategic counsel.



The report resulting from the June 13 meeting was submitted for review to the Executive Committee at its meeting of June 28.

Following the meeting of June 28, a preliminary narrative document with elements of a strategic framework was disseminated to all retreat participants and invitees for their feedback.

At this time the President also announced his intention to visit as many communities of Fellows as possible to consult on a draft strategic framework document once a report was prepared that had the endorsement of Council.

A draft strategic framework was composed over the summer and prepared for the Secretariat in late August. The editorial team of the RSC was led by the President and the Honorary Secretary.

An exceptional meeting of Council was called on September 4 with the sole objective of reviewing the preliminary draft document.

At its meeting of 4 September, the Council discussed the revised draft strategic framework. The Council made several minor editorial and drafting suggestions for incorporation into the version to be circulated to Fellows. The Council also authorized a translation of the strategic framework, to be circulated to Céline Saint-Pierre, Louis Maheu and Simon Langlois for final revision.

The Secretariat launched the document in both official languages on the website of the RSC on October 17. During three weeks of consultation, over 30 written interventions were received with feedback to the plan. During the three weeks of consultation, the President visited 13 Institutional Members to consult directly with Fellows and Institutional Members on the content of the plan.

The feedback received from Fellows and Institutional Members was referred to the drafting team, led by the Honorary Secretary and the President, and a draft strategic plan was prepared. This plan will be submitted to Council at its November 2011 meeting for discussion and decision. Once approved, the plan will be brought to the attention of the Fellowship once again, and be publicly posted on the website of the RSC.



7. LIST OF NEW FELLOWS, 2011

CLASS OF 2011 LIST OF NEW FELLOWS

ACADEMY OF THE ARTS AND HUMANITIES

DIVISION OF HUMANITIES:

BEHIELS, Michael - Department of History, University of Ottawa
DILWORTH, Tomas - Department of English Literature, University of Windsor
DOWBIGGIN, Ian R. - Department of History, University of Prince Edward Island
GERSON, Lloyd P. - Department of Philosophy, University of Toronto
GREER, Allan - Department of History, McGill University
HUNDERT, Gershon - Department of Jewish Studies, McGill University
KEYMER, Thomas - Department of English, University of Toronto
LIGHTMAN, Bernard - Department of Humanities, York University
NEMIROFF, Diana - Carleton University Art Gallery, Carleton University
NEWMAN, John - Department of Linguistics, University of Alberta
NOVAK, David - Department for the Study of Religion, University of Toronto
PENSLAR, Derek Jonathan - Department of History, University of Toronto
RETALLACK, James - Department of History, University of Toronto
WATERSTON, Elizabeth - Department of English, University of Guelph

DIVISION DES LETTRES ET SCIENCES HUMAINES:

LEFEBVRE, Solange - Faculty of Theology and Religion, Université de Montréal
MARTINEAU, France - Department of French, University of Ottawa
MICHAUD, Ginette - Department of French Literature, Université de Montréal
MORISSET, Lucie K. - Heritage Institute, Université du Québec à Montréal
TRÉPANIÉ, Esther - Université du Québec à Montréal

ARTS DIVISION:

DUNLOP, Rishma - Department of English and the Faculty of Education, York University
SELMAN, Jan - Department of Drama, University of Alberta

ACADEMY OF SOCIAL SCIENCES

SOCIAL SCIENCES DIVISION:

ARMSTRONG, Pat - Department of Sociology, York University
BAKKER, Isabella - Department of Political Science, York University
BARNES, Trevor - Department of Geography, The University of British Columbia
BRUDNER, Alan - Faculty of Law and Department of Political Science, University of Toronto
KLEIN, Raymond Merbaum - Department of Psychology, Dalhousie University
KNIGHT, W. Andy - Department of Political Science, University of Alberta
KOBAYASHI, Audrey - Department of Geography, Queen's University
MANDERSON, Desmond - Faculty of Law, McGill University
PAULY, Louis W. - Department of Political Science and Munk School of Global Affairs, University of Toronto



PRATT, Geraldine - Department of Geography, The University of British Columbia

DIVISION DES SCIENCES SOCIALES:

BERNIER, Bernard - Department of Anthropology, Université de Montréal
LE BOURDAIS, Céline - Departement of Sociology, Université McGill
MC ANDREW, Marie - Centre d'études ethniques des universités montréalaises,
Université de Montréal
VALLERAND, Robert J. - Department of Psychology, Université du Québec à Montréal
VANDENBERGHE, Christian - Management Education Service, HEC Montréal

ACADEMY OF SCIENCE

APPLIED SCIENCES AND ENGINEERING DIVISION:

AMON, Cristina - Faculty of Applied Science and Engineering, University of Toronto
BANTHIA, Nemkumar - Civil Engineering Department, The University of British
Columbia
BIRSS, Viola - Department of Chemistry, University of Calgary
COLLINS, Michael P. - Department of Civil Engineering, University of Toronto
JORDAAN, Ian - Faculty of Engineering and Applied Science, Memorial University of
Newfoundland
PARK, Chul B. - Department of Mechanical & Industrial Engineering, University of
Toronto
PELTON, Robert Herbert - Department of Chemical Engineering, McMaster University
STANGEBY, Peter C. - Institute for Aerospace Studies, University of Toronto

EARTH, OCEAN AND ATMOSPHERIC SCIENCES DIVISION:

BOUDREAU, Bernard Paul - Department of Oceanography, Dalhousie University
CANIL, Dante - School of Earth and Ocean Sciences, University of Victoria
DESJARDINS, Raymond L. - Research Branch, Agriculture and Agri-Food Canada
HATTORI, Keiko - Department of Earth Sciences, University of Ottawa



LIFE SCIENCES DIVISION:

ANDERMANN, Frederick - Epilepsy Clinic, Montreal Neurological Institute and Hospital, McGill University
BERNATCHEZ, Louis - Département de biologie, Université Laval
FEDORAK, Richard N. - Division of Gastroenterology, University of Alberta
FRANCO, Eduardo L. - Department of Oncology, McGill University
HALL, Judith G. - Department of Medical Genetics and Pediatrics, The University of British Columbia
JONES, Steven J. M. - Genome Sciences Centre, BC Cancer Agency
KEELING, Patrick John - Botany Department, The University of British Columbia
KRAMER, Michael S. - Department of Pediatrics and of Epidemiology, McGill University
LANG, Anthony E. - Movement Disorders Unit, Toronto Western Hospital, University of Toronto
LEUNG, Peter Chung Kwor - Department of Obstetrics & Gynecology, The University of British Columbia
MADDISON, Wayne P. - Department of Zoology & Department of Botany, The University of British Columbia
MULLER, William J. - Department of Biochemistry and Rosalind and Morris Goodman Cancer Research Centre, McGill University
PETRIDES, Michael - Neuropsychology/Cognitive Neuroscience Unit, McGill University
RUTKA, James T. - Division of Neurosurgery, The Hospital for Sick Children, University of Toronto
SHAPIRO, Andrew Mark James - Clinical Islet Transplant Program, University of Alberta
SICHERI, Frank - Samuel Lunenfeld Research Institute, Mount Sinai Hospital, University of Toronto
THOMSON, James D. - Department of Ecology and Evolutionary Biology, University of Toronto
WEINER, Joel H. - Department of Biochemistry, University of Alberta

MATHEMATICAL AND PHYSICAL SCIENCES DIVISION:

KUDLA, Stephen S. - Department of Mathematics, University of Toronto
MABURY, Scott - Department of Chemistry, University of Toronto
MILLER, Renée J. - Department of Computer Science, University of Toronto
NAVARRO, Julio F. - Department of Physics and Astronomy, University of Victoria
NAZAR, Linda Faye - Department of Chemistry, University of Waterloo
NOLAN, Steven Patrick - EaStCHEM School of Chemistry, University of St-Andrews
STINSON, Douglas Robert - David R. Cheriton School of Computer Science, University of Waterloo
SUMMERS, Danny - Department of Mathematics and Statistics, Memorial University of Newfoundland
VAN OORSCHOT, Paul - School of Computer Science, Carleton University

FOREIGN FELLOWS

SOCIAL SCIENCES DIVISION:



TORRES, Carlos Alberto - Graduate School of Education and Information Studies,
UCLA

MATHEMATICAL AND PHYSICAL SCIENCES DIVISION:

NIRENBERG, Louis - Courant Institute of Mathematical Sciences, New York University

HONORARY FELLOW

IRVING, Sandra

8. SCHOLARLY CONTENT AT THE ANNUAL GENERAL MEETING

At its meeting in November 2010, Council expressed its delight that Award Winners would be presenting at the banquet. Council also noted with enthusiasm that “New Fellow Presentations” seemed to have been received positively by Fellows. Council determined that the amount of scientific programming during the course of the AGM weekend ought to continue to be increased in order to attract more Fellows to attend.

In response to this, throughout the year the Executive Committee crafted two new events for the AGM of 2011. Both events will occur on Friday afternoon. The events will be panel discussions and debates inspired by the topics of expert panels released by the RSC. The panels will invite Fellows of the three Academies, many of whom were not members of the expert panel committees that produced the reports. The Chair of the Panel on the Oil Sands, Steve Hrudey, will chair the first discussion, and the second panel discussion, on end of life decision making, will be chaired Udo Shuklenk, Chair of the panel. Both events will be moderated by Geoff Flynn, Chair of the Committee on Expert Panels.

The events are free and open to the public. A significant amount of time has been reserved for questions, answers, and discussions, in the expectation that Fellows of all three Academies will enthusiastically engage. As of November 1, both events have registration of over 100.

9. BY-LAW AMENDMENTS

Amendments to the By-Laws that will be placed before the membership at the Annual General Meeting concern two files. The first proposed amendment is the result of the work on of the Task Force on Diversity.

“That the Committee for the Advancement of Women in Scholarship be re-cast as the Committee on Equity and Diversity, with the mandate to assist the Royal Society of Canada to embrace and reflect the diversity of our country, and to undertake equity and diversity initiatives to strengthen the reach of the Royal Society.”

By-Law 17.4 governs the work of this Committee.

By-Law 17.4.1 currently reads:

There shall be a Committee for the Advancement of Women in Scholarship which shall consist of two members appointed from each Academy. The Chair shall be appointed by the Council of the Society from the six members. Each member shall serve a three-year, renewable term, such terms to be staggered two per year to ensure continuity.



It is proposed that By-Law 17.4.1 be modified to reads as follows, with proposed new text highlighted in yellow:

There shall be a **Committee on Equity and Diversity** which shall consist of two members appointed from each Academy, **as well as an appointment of Council who serves as Chair**. The Chair shall be appointed by the Council of the Society from the six members. Each member shall serve a three-year, renewable term, such terms to be staggered two per year to ensure continuity.

By-Law 17.4.2 currently reads:

The Committee shall advise the Council of the Society on policies and procedures to advance women in scholarship and on programs to achieve the goal of increasing the role of women within the Society, ensure an equitable presence of women on all Society committees and projects, and plan and supervise activities as deemed appropriate. The Committee shall be responsible to the Council of the Society and shall submit an annual report to the Council for the Annual Business Meeting of the Society.

It is proposed that By-Law 17.4.2 be modified to reads as follows, with proposed new text highlighted in yellow:

The Committee shall advise the Council of the Society on **matters related to equity and diversity in order to assist the Royal Society of Canada to embrace and reflect the diversity of our country, and to undertake equity and diversity initiatives to strengthen the reach of the Royal Society**. The Committee shall be responsible to the Council of the Society and shall submit an annual report to the Council for the Annual Business Meeting of the Society.

**

The second set of proposed amendments results from the acquisition of Walter House, the first permanent home of the RSC.

During the process leading to the closing on 282 Somerset West, the RSC lawyers determined that the Society ought to enact a by-law permitting the RSC to borrow money and hold a mortgage. While the Society does borrow money – in the form of corporate credit cards, for example – the RSC legal counsel was more comfortable with a by-law being adopted by the Fellowship at the Annual General Meeting in November.

In the absence of a borrowing by-law, the President volunteered to serve as trustee in an arrangement that permitted the Society to close on the property on September 1.

Following the enactment of the by-law at the AGM, title to the property as well as the mortgage will past to the Society, tax-free.

The third and final document is entitled “Borrowing By-Law”, and consists of the text that will be submitted to the Fellowship for adoption at the Annual General Meeting.

The text being proposed for adoption is the following:



By-Law 21 - Borrowing

WHEREAS the affairs of the Society are managed by a board of directors who is also known and referred to as the Council of the Society (hereinafter called the "**Council**"); and

WHEREAS the Society wishes to adopt a Borrowing By-law allowing it to borrow money upon the credit of the Society and to enter into such other transactions of a similar nature;

BE IT ENACTED AND IT IS HEREBY ENACTED as By-law #21 of Royal Society of Canada (herein called the "**Society**"):

1. The Council of the Society may from time to time:
 - (a) borrow money upon the credit of the Society;
 - (b) limit or increase the amount to be borrowed;
 - (c) issue debentures or other securities of the Society;
 - (d) pledge or sell such debentures or other securities for such sums and at such prices as may be deemed expedient;
 - (e) secure any such debentures, or other securities, or any other present or future borrowing or liability of the Society, by mortgage, hypothec, charge, guarantee or pledge of all or any currently owned or subsequently acquired real and personal, moveable and immoveable property of the Society, and the undertaking and rights of the Society; and
 - (f) give a guarantee on behalf of the Society to secure performance of an obligation of any person.
2. The powers set out in paragraph 1 above may be delegated by the Council to such officer or officers of the Society, or to such Council member or Council members to such extent and in such manner as the Council may determine from time to time.



2011 HONORARY TREASURER REPORT

March 2011 – November 2011

To: The Fellowship
From: Danial Wayner, Honorary Treasurer
Subject: Annual Report on Finance and Investments
Date: November, 2011

OVERVIEW

The financial situation of the RSC is stable.

Changes implemented last year to streamline and improve the policies and procedures relating to finance are being maintained. A number of new business strategies to reduce costs and improve revenues are being implemented.

The major change in operations this year was the arrival of Linda Clauson to replace Tina Skerlj as comptroller. Ms. Clauson has worked assiduously and successfully in order to ensure the continual adherence of the RSC to the following principles:

1. To ensure best practices in all transactions
2. To provide timely financial reporting to the Fellowship and Government
3. To monitor investments and investment policy
4. To maintain ethical fundraising techniques
5. To adhere closely to all regulations required of registered Charity.

The Society's annual audit was completed successfully for the year ended March 2011.

The Charitable Tax return and other tax remittances are to date and have been submitted on time.

The current composition of the Finance Team is as follows:

- | | |
|-------------------|---|
| 1. Danial Wayner | Honorary Treasurer, Academy of Science, National Research Council |
| 2. Linda Clauson | Comptroller |
| 3. Darren Gilmour | Executive Director |
| 4. Robert Major | Honorary Secretary, Academy of Arts and Humanities |
| 5. Louise Joly | Manager, Services and Administration |

The RSC has strong partners providing external support and strategic counsel. These are:

Deloitte & Touche	Year End Audits & Strategic Counsel
BMO	Accounts & Mortgage
BMO Harris	Investments

The mandate of the Finance Team is to provide accuracy and clarity in reporting to its Fellowship and to ensure the financial stability of the Society.

ACCOMPLISHMENTS IN 2011

1. Acquisition of Walter House



-
2. Fundraising Initiatives
 3. Future Revenues
 4. Investments
 5. Accounts Receivable
 6. Accounts Payable
-

PRIORITIES FOR 2012

1. Renewal of the Finance Committee
 2. Creation of the Investment Committee
 3. Implementation of Whistle Blower Policy
 4. Continuation of Fundraising Initiatives and Revenues
 5. Launch of 282 Somerset, “Walter House” Business Plan
 6. Budget 2012
 7. Creation of Business/Marketing Plan
-

APPENDIX

1. New Dues Invoice



BUSINESS IN 2011

1. WALTER HOUSE ACQUISITION

Due to the \$500,000 pledge of Bill Leiss, and following the approval of Council in November 2010, the acquisition of the first home in the history of the RSC was complete in September, 2011.

The final purchase price of the 282 Somerset West was \$1,591,060.47.

In advance of the acquisition, a multi-faceted capital campaign was launched for Walter House. Naming opportunities for the communities of Fellows at Institutional Members have been reserved on the first and second floors totaling \$1,000,000. To date, the communities of Fellows at three Institutional Member universities have requested that a room be reserved.

As Treasurer, I am very confident that the financing plan for Walter House is strong.

The budget approved for initial renovations to the property is being closely monitored in order to prevent cost over runs.

2. FUNDRAISING INITIATIVES

Several fundraising initiatives during 2011 were successful.

Fundraising From Fellows

The Fundraising From Fellows campaign outlined by the President at the meeting of Council in May has, to date, been successful. Culminating in the publication of “The Next 130 Years: Fellows in Support of the Vision”, the campaign included the visit of the President to 11 Institutional Member campuses throughout the fall of 2011. To date during 2011 \$70,000 in pledges from Fellows have been made to Walter House.

The Fundraising From Fellows campaign was informally launched earlier in the year with a comprehensive redesign of the annual dues invoice for Fellows. A handsome new invoice was rolled out in May with the objective of communicating greater information about the manner in which the dues of Fellows are spent by the RSC. The dues invoice now includes information regarding Walter House, as well as ongoing fundraising initiatives, which include Walter House, the RSC Annual Fund and Expert Panels.

Fundraising has also continued with our external partners. In October, a fundraising dinner was held in Toronto hosted by BMO that generated \$435,000.00. The leadership of the Chair of the President’s Advisory Council resulted in this marvelous success.

The RSC has also followed up in order to be in receipt of an outstanding pledge of \$125,000.00 resulting from the *Extending Excellence* capital campaign.

The successes have been important, yet it is equally important to ensure that the Strategic Plan of the RSC be accompanied by a five-year financial plan with regular benchmarks and objectives against which success can be measured.



3. FUTURE REVENUES

In collaboration with the Committee on Communications, a campaign to communicate the possibilities of planned giving to the RSC has begun.

Information is also being gathered toward expanding the support provided by the private sector, while ensuring that such support adheres to the requirements of charitable organizations and academic research organizations. It may be timely for the RSC to contemplate the establishment some manner of Institutional Associates programme.

Additionally, Ms. Clauson is reviewing and developing ideas for opportunities to market the strengths of the Society and capitalize on goods and services that could potentially be offered to increase funds towards the objectives of The Society.

4. INVESTMENTS

Following the completion of the annual Financial Statements in 2011, actions were completed to consolidate the investment portfolio of the RSC in BMO Harris. Reporting from BMO Harris has been designed to ensure transparent statements for each invested program.

Transfers will be complete by December 2011. Invested amounts in the form of GIC's have been transferred towards the acquisition costs of Walter House with the understanding that the RSC will reimburse itself these same amounts as a result of the Fundraising From Fellows campaign.

The current year has seen minimal additions to the investment portfolio.

There have been no transfers initiated from invested program funds towards the development fund or operational budgets during this calendar year.

5. ACCOUNTS RECEIVABLE

As indicated in the notes to financial statement, a thorough review been completed to remove previous year's bad debts, specifically prior to 2008 when the Accounting software was changed.

Fellows are being sent reminders by email or statements and files have been updated to account for status changes that may have influenced nonpayment.

This process has cleared many receivables carried over the last two years.

In addition, with the collaborated efforts of the Executive Director and the Officer of Member Services, Ms Clauson has implemented a new procedure of removing receivable amounts generated for non-inducted Fellows.

The Office of Member Services has done much work to reestablish contact with these non-inductees to encourage their attendance at the RSC Annual General Meeting.

Deposits are being submitted on a more regularized basis in order to ensure higher interest earnings.



6. ACCOUNTS PAYABLE

The comptroller continues to enforce best practice decisions in interactions with vendors/suppliers.

Where possible corporate accounts and or membership benefit programs such as Air miles have been opened to lower expenses and reap membership benefits to offset costs.

Travel and Reimbursement expense policies and guidelines have been updated

A review of Secretariat supplies expense has been complete and a new internal policy will be applied for new fiscal year.

PRIORITIES FOR 2012

1. RENEWAL OF THE FINANCE COMMITTEE

The Society will form a Finance committee to ensure financial stability and sustainability. Working with external strategic and financial counsel, the Finance Committee will receive a renewed and elaborated oversight mandate. The committee will meet on a quarterly basis.

2. CREATION OF THE INVESTMENT COMMITTEE

In coordination with the Investment Policy and Procedures implemented in November 2011, an investment committee shall be formed with a scheduled one time annual review of the investment portfolio with its committee members and BMO Harris.

3. IMPLEMENTATION OF WHISTLE BLOWER POLICY

As recommended by the auditors of the RSC in their 2011 recommendations, The RSC will implement a Whistle Blower Policy, which has been approved by the Executive Committee.

4. FUNDRAISING

Fundraising objectives for Walter House will continue to be aggressive for 2012 and future years. The finance team will work closely with the President, Chair of the President's Advisory Council, the Executive Committee and Council to achieve nationwide fundraising targets.

It is anticipated that a major fundraising dinner will be held in Western Canada in the fall of 2013.

5. BUSINESS PLAN FOR "WALTER HOUSE"

A business plan will be developed by the Secretariat for meeting room rentals and for small catered events for the ground floor of Walter House. Rooms at Walter House are being outfitted with required services and technological capacity in order to offer a full range of a/v requirements.

6. BUDGET 2012

A streamlined budgeting process will be implemented to allow departments to clearly quickly see the funds allocated to their department as a whole as opposed to over detailed reports for each class within.

As a function of the Strategic Planning process of the RSC, a human resources review will be conducted in collaboration with Deloitte to that the Secretariat is properly calibrated to achieve the objectives set out in the strategic plan.

Further budgetary processes will be implemented to advance the principle of full-cost accounting. For example, expenses such as postage will be directly coded to program costs as opposed to Secretariat

Activities and programs will proceed on a minimum break-even point.

7. CREATION OF BUSINESS/MARKETING PLAN FOR GOODS & SERVICES

Where possible a review of revenue generating opportunities will be undertaken to increase funding towards programs



THE ACADEMY OF ARTS AND HUMANITIES – ANNUAL REPORT

November 27, 2010 – November 26, 2011

To: The Fellowship
From: Patrick Imbert, President of the Academy of Arts and Humanities
Date: November, 2011

GOVERNANCE

The Officers of the Academy of Science for the period November 26, 2011 to November 27, 2012 are:

President	Len Findlay
Past President	Patrick Imbert
Secretary	Doug Owrap
Director, Division of Humanities	Gwen Davies
Director, Division des lettres et sciences humaines	Yolande Cohen
Director, Division of Arts / Division des Arts	Allan Bell

The full list of committee members at the level of the Academy and the Divisions will be presented to the Fellowship at the Annual Business Meeting on Sunday, November 27, 2011.

ACTIVITIES IN 2011

1. Governor General Lecture Series 2011-2012
2. RSC / ASSAf Conference of the future of the Humanities
3. Congress 2011
4. Annual Symposium 2011
5. Election of Fellows
6. The Proceedings of Annual Symposium, 2008
7. Deceased Fellows



BUSINESS IN 2011

1. GOVERNOR GENERAL LECTURE SERIES 2011-2012

WE ARE ALL TREATY PEOPLE

PROFESSOR JAMES MILLER, FRSC

September 19, 2011 - Dalhousie University
September 20, 2011 – Mount Allison University
September 22, 2011 – University of Waterloo
November 10, 2011 – University of Manitoba
February 8, 2012 – Vancouver Island University
February 9, 2012 – University of Victoria

Elected to the Academy of Arts and Humanities of the Society in 1998, Dr. Jim Miller's continuing scholarship has distinguishes him as one of Canada's most original historians.

The four-part lecture Governor General Lecture Series of Dr. Miller has been entitled “We Are All Treaty People”

The first lecture, “Maritime Beginnings”, explains how early commercial compacts and peace and friendship treaties in eastern Canada formed the foundation of a lengthy tradition of treaty-making between Aboriginal peoples and the Crown that unfolded across the country over four centuries

The second lecture, “Redefining the Relationship,” explains how negotiation of territorial treaties in southern Ontario in the late eighteenth and early nineteenth century set the pattern for a series of post-1867 treaties between First Nations and the Crown in western and northern Canada. The Upper Canadian treaties were the foundation of a Canadian territorial treaty-making tradition.

The third lecture, “Accepting the Queen's Hand,” The lecture at your university, the third in a series, will explore the different expectations and understandings that Aboriginal people and non-Natives had of the numbered treaties that were negotiated in the West between 1871 and 1877, and in northern Canada between 1899 and 1921. Contrasting perceptions of these important treaties have underlain differences between Native peoples and the Canadian government concerning treaty commitments ever since.

The fourth lecture, “: New Models for a Shared Future,” examines the twentieth century developments in treaty-making between First Nations and the Crown that culminated in the Nisga'a Treaty and the British Columbia Treaty Commission process. It relates these relatively recent developments to the roots of a Canadian treaty-making tradition that stretches back to the 1600s.

2. RSC / ASSAF CONFERENCE ON THE FUTURE OF THE HUMANITIES

Ted Chamberlain, FRSC, co-organized and co-chaired a workshop on November 24 – 26 2010 in Cape Town, South Africa. The Social Sciences and Humanities Research Council was approached, and agreed, to fund the travel expenses of six Canadian colleagues, with two further



delegates to be designated by the Royal Society, while ASSAf generously agreed to cover the costs of accommodation, meals, ground travel.

A copy of the programme is enclosed as Appendix 1 to this report.

3. CONGRESS 2011

WHY SHOULD WE VALUE THE HUMANITIES?

May 28, University of New Brunswick, Fredericton, NB

The Royal Society of Canada, in partnership with the Canadian Federation of Humanities and Social Sciences, presented philosopher Dr. Kwame Anthony Appiah as part of the Big Thinking Series. Dr. Appiah explored the ways in which universities exist in a complex and sometimes uncertain environment based on a new narrative about the civic, cultural and social value of their work.

4. ANNUAL SYMPOSIUM 2011

LITERACY AND CITIZENSHIP IN THE 21ST CENTURY

October 14, Library and Archives Canada, Ottawa, ON

Together with the Social Sciences and Humanities Research Council (SSHRC), the Academy of Arts and Humanities hosted the RSC Annual Symposium on October 14, 2011. The Symposium explored new ways of accessing, processing and organizing information and compared historical notions of literacy with current perceptions.

The programme of the Symposium is included as Appendix 2 to this report.

5. ELECTION OF FELLOWS

The Academy of Arts and Humanities Committee for the Selection of New Fellows unanimously recommended 25 candidates for election as Fellows. The list of Fellows is included in the report of the RSC Honorary Secretary.

6. THE PROCEEDINGS OF THE ANNUAL SYMPOSIUM, 2008

The Annual Symposium of 2008, "The Cultures of War and Peace," was organized by the Academy of Arts and Humanities. The Proceedings of the Symposium will be published in a collection by McGill Queen's University Press in 2012.

7. DECEASED FELLOWS

The list of deceased Fellows extends further than the 2010 Annual General Meeting to ensure that Society records have accurately recorded all Fellows who have deceased.

Armin H. Arnold, elected in 1978, died on March 12, 2011

Susan Dick, elected in 1989, died on December 11, 2010

James Robert de Jager Jackson, elected in 1985, died on April 29, 2011

Robert Kroetsch, elected in 1986, died on June 21, 2011

Michael E. Marmura, elected in 1991, died on September 17, 2009

Arnold L. McAllister, elected in 1967, died on November 16, 2010

Ben-Zion Shek, elected in 2002, died on June 26, 2011

Guy Sylvestre, elected in 1951, died on September 26, 2010



THE ACADEMY OF SOCIAL SCIENCES – ANNUAL REPORT
November 27, 2010 – November 26, 2011

To: The Fellowship
From: Céline Saint Pierre, President of the Academy of Social Sciences
Date: November, 2011

GOVERNANCE

The Officers of the Academy of Social Sciences for the period November 26, 2011 to November 27, 2013 are:

President	Neena Chappell
Past President	Céline Saint-Pierre
Secretary	Caroline Andrew
Director, Division of Social Sciences	Janine Brodie
Director, Division des sciences sociales	Alain Gagnon

The full list of committee members at the level of the Academy and the Divisions will be presented to the Fellowship at the Annual Business Meeting on Sunday, November 27, 2011.

ACTIVITIES IN 2011

1. Election of Fellows
2. The Proceedings of Annual Symposium, 2007
3. Governor General Lecturer, 2012-2013
4. Deceased Fellows



BUSINESS IN 2011

1. ELECTION OF FELLOWS

The Academy of Social Sciences Committee for the Selection of New Fellows unanimously recommended 15 candidates for election as Fellows and one fellow Foreign Fellow. The list of Fellows is included in the report of the RSC Honorary Secretary.

2. THE PROCEEDINGS OF THE ANNUAL SYMPOSIUM, 2007

The Annual Symposium of 2007 was organized by the Academy of Social Sciences. The Proceedings of the Symposium, “Challenging Genetic Determinism,” have been published by McGill Queen’s University Press.

3. GOVERNOR GENERAL LECTURER 2012-2013

The Academy of Social Sciences has nominated a scholar to deliver the Governor General Lecturer for the 2012-2013 academic year. Upon confirmation by the Council, the 2012-2013 GG Lecturer will visit 4-6 Institutional Member universities to deliver the lecture series.

4. DECEASED FELLOWS

The list of deceased Fellows extends further than the 2010 Annual General Meeting to ensure that Society records have accurately recorded all Fellows who have deceased.

Peter Aucoin, elected in 2006, died on July 7, 2011

Allan E. Blakeney, elected in 2001, died on April 16, 2011

Jean-Paul Brodeur, elected in 1991, died on April 28, 2010

Paul-André Crépeau, elected in 1980, died on July 7, 2011

Seymour Martin Lipset, elected in 2003, died on December 31, 2006

Gideon Rosenbluth, elected in 1973, died on August 8, 2011

Byron Rourke, elected in 1997, died on August 11, 2011

William C. Wonders, elected in 1979, died on January 24, 2011



THE ACADEMY OF SCIENCE – ANNUAL REPORT

November 27, 2010 – November 26, 2011

To: The Fellowship
From: Graham Bell, President of the Academy of Science
Date: November, 2011

GOVERNANCE

The Officers of the Academy of Science for the period November 26, 2011 to November 27, 2012 are:

President	Marie D'Iorio
Past President	Graham Bell
Secretary	Walter Davidson
Director, ASE	Jamal Deen
Director, EOAS	Mike Church
Director, MPS	Bob Morris
Director, LS	Marla Sokolowski

The full list of committee members at the level of the Academy and the Divisions will be presented to the Fellowship at the Annual Business Meeting on Sunday, November 27, 2011.

During the period from November 27, 2010 to November 26, 2011, the Executive Committee of the Academy of Science met three times: on February 2, August 16 and October 20.



ACTIVITIES IN 2011

1. Submission to the Review of Federal Support to Research and Development
 2. Election of Fellows
 3. Deceased Fellows
 4. The Role of Government Scientists
 5. The Academy of Science Bulletin
 6. Planning for Symposium 2012
-

INITIATIVES FOR 2012

1. The Academy of New Scholars in the Arts and Sciences



BUSINESS IN 2011

1. SUBMISSION TO THE REVIEW OF FEDERAL SUPPORT TO RESEARCH AND DEVELOPMENT

The Executive Committee of the Academy of Science consulted broadly toward a submission to the review process. The submission is included as Appendix 1 of this report.

2. ELECTION OF FELLOWS

The Academy of Science Committee for the Selection of New Fellows unanimously recommended 39 candidates for election as Fellows, and that 1 candidate go forward for election as a Foreign Fellow.

The Committee discussed the evaluation of candidates whose record would allow nomination to either of two Divisions. It was decided to institute a preliminary review of dossiers, not for quality but for assignment, by the Division Committees for the Selection of New Fellows. Any contested assignments would be rectified by consultation among Division Directors, the President of the Academy having the final say.

The Committee notes that 5/39 candidates are women and that 1/39 is from a francophone institution. We see no evidence of systemic bias in the evaluation procedure and conclude that there may be obstacles at the nomination stage to be identified and removed. It was suggested that the Institutional Members might assist us to do this.

3. DECEASED FELLOWS

The list of deceased Fellows extends further than the 2010 Annual General Meeting to ensure that Society records have accurately recorded all Fellows who have deceased.

Neil Bartlett, elected in 2001, died on August 5, 2008

Alan Arthur Boulton, elected in 1993, died on November 13, 2010

Aleksis Dremanis, elected in 1979, died on July 8, 2011

P.A. Forsyth, elected in 1960, died on May 22, 2008

Denis Ian Gough, elected in 1972, died on March 21, 2011

William F. Grant, elected in 1989, died on October 6, 2011

Laurance D. Hall, elected in 1982, died on August 28, 2009

Walter Harris, elected in 1977, died on October 20, 2011

John J. Hodgson, elected in 1958, died on January 8, 2011

Donald M. Hunten, elected in 2003, died on December 14, 2010

David R. Jones, elected in 1984, died on November 19, 2010

Howard Roy Krouse, elected in 1994, died on March 2, 2010

Peter Macklem, elected in 1982, died on February 11, 2011

Cedric R. Mann, elected in 1979, died on October 15, 2009

Jerrold E. Marsden, elected in 1991, died on September 21, 2010

Ernest Armstrong McCulloch, elected in 1974, died on January 19, 2011

Denis Parkinson, elected in 1983, died on December 29, 2009

Alfred Rudin, elected 1993, died on April 13, 2011

Robert Salter, elected in 1979, died on May 10, 2010

E.T. Tozer, elected in 1966, died on December 26, 2010



Harold Williams, elected in 1972, died on September 28, 2010
Lawrence Young, elected in 1977, died on September 22, 2010

4. THE ROLE OF GOVERNMENT SCIENTISTS

In August, the RSC President informed the Executive Committee that the Secretariat had received feedback from Fellows with respect to a federal public servant who had prepared and presented a report at a conference. These Fellows expressed that they felt that this federal public servant was being silenced in her attempt to speak to the report.

At its meeting of October 14, the RSC Executive Committee referred this matter to the Academy of Science, which will determine the manner in which it may be appropriate to take action.

It was further recommended that a long term objective of the Committee (or another specially-constituted body) might also be the preparation a “statement of best practices” to be adopted by the RSC on the general issue of role of government scientists in disseminating information.

5. THE ACADEMY OF SCIENCE BULLETIN

The Academy III Bulletin is an online publication undertaken due the commitment and determination of Academy Editor Betty Roots. The publication appeared twice during the year, and is published on the homepage of the RSC website. The purpose of this electronic Bulletin is to increase interest in the Fellows, programming and initiatives of the Academy of Science.

6. PLANNING FOR THE ANNUAL SYMPOSIUM 2012

In 2012 it will be the “turn” of the Academy of Science to organize the RSC Annual Symposium.

In May 2011, the Council of the RSC determined that the Annual Symposium ought to be held in coordination with the Annual General Meeting. Additionally, the Council expressed enthusiasm for the idea of extending the communication plans of RSC Expert Panels by organizing the annual symposium around key themes explored in RSC Expert Panels. This would add value to the report and ensure that its findings are continually revisited and debated.

The 2012 Annual Symposium of the RSC will be held on the topic of Early Childhood Development. This will further enhance the scholarly content of the AGM, while also ensuring that the issues of Early Childhood Development are integrated throughout RSC programming.

The Symposium will be held on Friday, November 16, 2012.



INITIATIVES FOR 2012

1. THE ACADEMY OF NEW SCHOLARS IN THE ARTS AND SCIENCES

The priority of the Academy of Science is to play a leadership role in fulfilling the mandate of recognizing scholarly excellence by assisting in the establishment of mechanisms to promote outstanding emerging Canadian scientists.



APPENDIX 1

Review of Federal Support to Research and Development

Submission of Academy of Science, Royal Society of Canada

This submission mainly addresses question 5 (page 13) of the Expert Panel Consultation Paper. The factual generalizations about research funding, graduation rates and so forth are taken from the STIC report on The State of the Nation 2008.

Summary. *Innovation is the most important driver of growth and productivity in high- income countries. One important driver of innovation is the transmission of public sector research and development into the private sector. That is currently limited because too few research scientists take up positions with private companies. We propose measures to ensure that a greater proportion of the next generation of PhD students take up positions in industry.*

There are many factors that drive innovation, including the openness of the economy, the extent of property rights and how they are implemented, how entry and exit from industries works, the size of domestic demand and the ease of access to foreign markets, how learning within corporations is transmitted, and so forth. Innovation emerges from the combination of all those factors. We do not have the expertise to comment on most of them. One factor which may be very important, however, is the transfer of knowledge and skills from publicly-funded research laboratories to private businesses. We are very familiar with the operation of university and government laboratories, and feel that we are competent to comment on this issue, while recognising that it is only one component of a much more complex process.

The key question we shall try to address is: how can the results of curiosity-driven research be more effectively transformed into economic activity within Canada? We can begin to answer this question by identifying the factors which currently obstruct this transformation. The most obvious possibilities do not seem to be responsible.

- One possibility, for example, is simply that research is under-funded and hence unproductive. This is unlikely to be an important factor, however, since the overall level of research funding is close to the OECD average. Moreover, Canada devotes an exceptionally high fraction of GDP to research in universities.
- Secondly, the output of Canadian research labs might be markedly inferior to their counterparts in other countries and cannot be utilized commercially for this reason. This does not seem to be true either: Canadian research is more highly cited than the OECD average in almost all fields.
- Thirdly, state subsidies for business R&D might be too low to enable companies to take advantage of the results of fundamental research. On the contrary: government support of business R&D in Canada is exceptionally high, although, as is often pointed out, it is mainly indirect.
- Finally, business expenditure on R&D might be inadequate to support innovation. This is often cited as a reason for a perceived shortfall in innovation, and Canadian expenditure is indeed less



than that of the USA and some other advanced economies, but it is not markedly below the OECD average.

Hence, the situation in Canada is characterized by relatively high inputs but only modest outputs. Having eliminated the overall quantity of funding and the quality of research as likely causes, the bottleneck appears to be at the interface between innovative research, conducted primarily in universities, and its practical application, primarily by business.

The inefficiency of knowledge transfer between research laboratories and business arises when knowledge is produced as a public good but consumed as a private good. Most scientists are concerned to have the results of their research communicated as rapidly and as broadly as possible, so as to make it available to the worldwide scientific community. This is widely believed to maximize the rate of scientific advance, to the benefit of the public as a whole. Businesses will support research, however, only to the extent that they can retain its results so as to derive exclusive benefit from them. They can make use of the research published from publicly-funded laboratories (since it is a public good) but it will seldom be perfectly designed for their needs. This is partly because problem definition in academic research – even when it has applied goals in view – is usually related to anticipating the future needs of industry, leading to technology push on a longer time frame than the technology pull that drives the industry's short or medium-term research needs. It is also related to different reward systems: universities reward academic output in terms of publications or patents, the number of citations, graduation rate and so forth, whereas a successful transfer of technology to industry would be measured through criteria such as licenses, venture capital funding for start-ups, product sales or number of jobs created by the industry partner.

To be sure, this familiar dichotomy is an oversimplification. There are also profound cultural differences between the academic and business communities which too often lead to mistrust and disrespect on both sides. We believe, however, that the basic contradiction between the economics of knowledge production and knowledge consumption must be reconciled before any substantial progress can be made.

The crucial insight for resolving this contradiction is that the output from one group of researchers forms the input for other groups. Hence, the research enterprise should not be thought of as a set of unconnected activities but rather as a supply chain extending from the most recondite academic investigations at one extreme to the marketing of a product at the other. The flux along this chain depends not so much on the quality and quantity of production at any point but rather on the rate and fidelity with which results are transmitted from one point to the next. It is when the chain passes from public to private control that fundamental conflicts arise which prevent it from functioning efficiently.

These conflicts are common to all countries, so why should they have more severe consequences in Canada than elsewhere? One possible answer is provided by considering the definitive interface between public and private, in which the knowledge generated, typically although not exclusively in university research laboratories, enters the process that will eventually yield a marketable product, typically although not exclusively into the R&D departments of businesses. The physical agent of exchange is typically although not exclusively the PhD student or graduate. This person carries the specialized skills and knowledge they have learned into an environment where they can be put to commercial use, and thereby plays the crucial role in connecting the two sections of the chain. Canada has an exceptionally low density of PhD graduates; moreover, the fraction of science and engineering degrees is also lower than in other developed countries. Many of these graduates proceed to a career in university teaching and research, for which the PhD is the essential qualification. It is possible that Canadian universities are

failing to supply the appropriately qualified scientists and engineers in numbers sufficient to promote the rapid transfer of information and skills to the R&D arm of business. This would help to account for the exceptionally low fraction of Canadian firms that collaborate with university researchers. We do not intend to oversimplify: although the PhD density is low in Canada, it is not much lower than in the USA, for instance. Nevertheless, there is a clear case that one cause of the bottleneck in the research supply chain is an inadequate supply of appropriately qualified PhD graduates, and it seems worthwhile to ask how this shortfall might be made good.

Supply and demand must be addressed together; there would be little point in creating a supply for which there is no demand, or in stimulating a demand which cannot be supplied. Any practicable course of action must therefore involve both the academic and business communities, at the point where they come into contact. The argument in the previous paragraph suggests that the most effective action would be to increase substantially the output of PhDs qualified to move into a business R&D environment that was prepared to receive them. There are, of course, several programs already in existence that are designed to do this. What we are suggesting is a substantial and general enlargement of PhD training at the interface between university research laboratories and business R&D departments.

This is not an original idea: something similar was suggested by Paul Doherty (Director of International Entrepreneurship, University of Waterloo) at the recent Science Policy Conference in Montreal. It would involve the joint training and joint funding of a large new cohort of PhD scientists and engineers who would be prepared to seek a career in business rather than in university research. This would increase the rate of supply of PhD scientists and engineers provided that appropriate candidates can be identified and supported. It would increase the demand for these highly qualified personnel provided that the R&D departments which contributed to their training had the capacity to use their skills and knowledge productively.

To achieve these objectives, we suggest that funding for postgraduate education, and especially for the PhD program, should be reconfigured so as to promote more effective interaction between university departments, government and industry. A substantial new program of graduate training can be established without any overall increase in funding levels by transferring government subsidy of business R&D in part from indirect support through tax credits to direct support through project funding. The funding would require training of HQP, and specifically PhD students, in joint projects, primarily although not exclusively with university research laboratories. The MITACS program (<http://www.mitacs.ca/>) follows this approach and could provide an appropriate model to be further developed. Successful projects would include elements of fundamental interest while also holding out a genuine promise of initiating or contributing to the development of a marketable product or process.

Collaborative arrangements through co-op training programs are now commonplace at the undergraduate level. There is also an industrial postdoctoral program and various industry-university-government schemes that do entrain graduate students, but few of these specifically target the issue of reinforcing a role for universities in contributing to industrial innovation. One reason for this gap may be that collaboration is unlikely unless industrialists trust that they are likely to get a viable innovation if they invest money while academics trust that their educational priorities will be served by a joint training program. We believe that the extension of formal co-op programs to the graduate level may be the most effective way to build trust and thereby to harness university expertise to increase the pace of industrial innovation.



We are very well aware of the potential drawbacks of university-business collaboration. In many cases, the clash between public and private goods surfaces as a clash between academic freedom and intellectual property. The resolution of this conflict lies beyond the scope of this submission; we only remark that any solution must be a compromise, and any compromise must be brokered by a competent authority in which academic and business interests are represented. It might be argued, for example, that even granted that PIs are good at spotting talented researchers, they are not necessarily good at spotting researchers who would successfully transfer their skills to industry. If so, it might make sense for the recruitment of students to be a joint enterprise from the beginning. To nurture the research supply chain from proof-of-principle (universities) through prototype and demonstration (government laboratories and agencies) to product development (industry) requires that funding should flow to all partners, which is not the case with current funding programs. This would ensure a timely transfer from the original concept to an industry-ready prototype where specifications go beyond the technical to include reproducibility, ruggedness, and yield, and from there to the alpha or beta product where production costs are evaluated. We make no specific recommendation except that the merits of different kinds of scheme deserve extensive discussion and analysis.

What is of more concern to us is that the scheme should become general; that is, it should not only embrace the obvious fields, such as chemical engineering or biotechnology, where such arrangements are already commonplace, but should also extend to fields such as oceanography or ecology, where they are almost unknown. There is at present little contact between a large fraction of federally-funded researchers and the business concerns which might be able to make use of their results. A large-scale program that provided clear mutual benefits by expanding the capacity to train PhD students would encourage this contact, and in doing so would create a new source of genuine innovation beyond that of traditional collaborations.

In short: mindful of the fact that we are addressing only one component of a very complex problem, we suggest that the rate of successful innovation could be increased by expanding PhD training at the university-business interface, and that this could be accomplished by reforming patterns of funding and subsidy without any overall increase in expenditure.



THE COMMITTEE ON EXPERT PANELS – ANNUAL REPORT

November 27, 2010 – November 26, 2011

To: The Fellowship
From: Geoff Flynn on behalf of the Committee on Expert Panels
Date: November, 2011

OVERVIEW

The Committee on Expert Panels is a Standing Committee of the Society.

The Committee is chaired by the Expert Panel Secretary. The committee is composed of a representative from each Academy, as well as a designate of the Council. The current composition of the committee is as follows:

[Bill Leiss, Chair, November 27, 2010 to May 9 2011]

1. Geoff Flynn (Chair, May 9 2011-), Academy of Science, Queen's University
2. Christ Verduyn, Academy of Arts and Humanities, Mount Allison University
3. John Myles, Academy of Social Sciences, University of Toronto
4. Sarah Otto, Academy of Science, University of British Columbia
5. TBD

The Committee on Expert Panels is responsible to the Council of the Society for all matters relating to establishment, administration, and financing of expert panels, including the constitution of the Scientific Advisory Committee on Expert Panels, chaired by the Expert Panel Secretary, and the appointment of its members.

It is important to signal that the Committee on Expert Panels collaborates with other Standing Committees of the RSC, including the Committee on Communications. Matters relating to the publication and communication strategy for RSC Expert Panels are elaborated in the annual report from the Committee on Communications.



BUSINESS IN 2011

1. The Expert Panel on Environmental and Health Impacts of Canada's Oil Sands Industry
 2. The Expert Panel on End of Life Decision Making
 3. The Expert Panel on Sustaining Canada's Marine Biodiversity: Responding to the Challenges Posed by Climate Change, Fisheries, and Aquaculture
 4. The Expert Panel on Early Childhood Development
 5. Interdisciplinary Panels at the Annual General Meeting
 6. Annual Symposium 2012
-

PRIORITIES FOR 2012

1. Solicitation mechanism from the Fellowship and Institutional Members
 2. Elaboration of the criteria used to select panel projects
 3. Matters relating to the Scientific Advisory Committee
 4. Expert Panels to be launched in 2012 (3)
-



BUSINESS IN 2011

1. THE EXPERT PANEL ON ENVIRONMENTAL AND HEALTH IMPACTS OF CANADA'S OIL SANDS INDUSTRY

On October 5, 2009, The Royal Society of Canada announced the commissioning of an Expert Panel to review, assess, and present a scientific perspective on Canada's oil sands industry based on the available evidence. The Expert Panel was chaired by Dr. Steve E. Hrudehy, FRSC, Professor Emeritus, Analytical and Environmental Toxicology, University of Alberta. Other members of the Expert Panel were: Dr. Pierre Gosselin, Dr. Anne M. Naeth, Dr. André Plourde, Dr. René Therrien, Dr. Glen Van Der Kraak, and Dr. Zhenghe Xu.

Prior to the public release of the report, a webinar for panelists and journalists was facilitated by the Science Media Centre of Canada and its Executive Director Penny Park. This enabled journalists to access an embargoed copy of the report immediately prior to its release and to have a forum with panelists.

On December 15, 2010, the Expert Panel released its report Environmental and Health Impacts of Canada's Oil Sands Industry at a press conference in Edmonton, Alberta. At this time, the report also became publicly and freely available for download on the Royal Society of Canada's website.

The major health and environmental issues that are elaborated upon in the report include land reclamation, adequacy of financial security for reclamation liability, impacts of the oil sands contaminants on downstream residents, impacts on population health in Wood Buffalo, impacts on the regional water supply and quality, impacts on greenhouse gas emissions, the environmental regulatory performance, and the adequacy of environmental impact assessments.

In the two months following the release of the report, there were a total of 340 stories on the Expert Panel's report. The report was cited throughout the world in the New York Times, The Economist, the Globe and Mail, the National Post, and in scientific journals.

At the Annual General Meeting in November 2011, Dr. Steve Hrudehy, Chair of the panel report, will chair an interdisciplinary panel discussion with members of the three RSC Academies which will be free and open to the public.

2. THE EXPERT PANEL ON END OF LIFE DECISION MAKING

On October 27, 2009, the Royal Society of Canada (RSC) announced the commissioning of an Expert Panel to review and assess the available evidence relating to End of Life Decision Making. The Expert Panel has been chaired by Dr. Udo Schuklenk, Professor of Philosophy and Ontario Research Chair in Bioethics, Queen's University. Other members of the panel have been: Johannes J. M. van Delden, Jocelyn Downie, Sheila McLean, Ross Upshur, and Daniel Weinstock.

The Panel was given a mandate to consider the large body of medical science evidence that, if summarized for the public, would be helpful to their consideration of the issue. The panel was also requested to review the evidence and experience from the various jurisdictions that permit physician-assisted death.



On November 15, 2011, the Expert Panel released its report at a press conference in Ottawa, Ontario. At this time, the report will become publicly and freely available for download on the website of the Royal Society of Canada

At the Annual General Meeting in November 2011, Dr. Udo Schuklenk, Chair of the panel report, will chair an interdisciplinary panel discussion with members of the three RSC Academies which will be free and open to the public.

3. THE EXPERT PANEL ON SUSTAINING CANADA'S MARINE BIODIVERSITY: RESPONDING TO THE CHALLENGES POSED BY CLIMATE CHANGE, FISHERIES, AND AQUACULTURE

On November 26, 2009, The Royal Society of Canada announced the commissioning of an Expert Panel to review, assess, and present a scientific perspective on the status of Canada's marine biodiversity based on the available evidence. The Expert Panel has been chaired by Dr. Jeff Hutchings, Professor in the Department of Biology at Dalhousie University. Other members of the Expert Panel are: Isabelle Côté, Julian J. Dodson, Ian Fleming, Simon Jennings, Nate Mantua, Randall Peterman, Andrew Weaver, and David VanderZwaag.

It is anticipated that the Expert Panel will release its report in early 2012.

4. THE EXPERT PANEL ON EARLY CHILDHOOD DEVELOPMENT

In March 2010, an Expert Panel on Early Childhood Development struck as an equal partnership between the Royal Society of Canada and the Canadian Academy of Health Sciences. The co-Chairs of the Expert Panel are Dr. Clyde Hertzman, MD, MSc, FRSC, FCAHS (panel co-chair), University of British Columbia and Dr Michel Boivin, PhD, FRSC/MSRC (panel co-chair), Laval University. Other members of the Expert Panel are: Ronald Barr, Thomas Boyce, Harriet MacMillan, Candice Odgers, Marla Sokolowski, and Nico Trocme, Alison Fleming.

It is anticipated that the Expert Panel will release its report in the spring of 2012.

5. INTERDISCIPLINARY PERSPECTIVES PANELS AT THE AGM

To enhance the academic component of the Annual General Meeting of the RSC, this year there will be two interdisciplinary presentations reflecting on issues raised in two expert panel reports of the RSC. The panel discussions and debates will feature Fellows from all three Academies so that perspectives are voiced from across the spectrum of research disciplines. The events will be chaired by Dr. Geoff Flynn, Chair of the Committee on Expert Panels. In addition, the chair of each expert panel will participate in the discussions.

6. ANNUAL SYMPOSIUM 2012

In May 2001, the Council of the RSC determined that the Annual Symposium ought to be held in coordination with the Annual General Meeting. As part of the multi-phase communications plan of RSC Expert Panels, the 2012 Annual Symposium of the RSC will be held on the topic of Early Childhood Development. This will further enhance the scholarly content of the AGM, while also ensuring that the issues of Early Childhood Development are integrated throughout RSC programming.



PRIORITIES FOR 2012

1. SOLICITATION MECHANISM FROM THE FELLOWSHIP AND INSTITUTIONAL MEMBERS

The Committee on Expert Panels expressed enthusiasm for the development of a formalized process of consultation with the Fellowship and Institutional Members. One of the priorities of the CEP for 2012 is ensuring that Fellows and Institutional Members are invited to submit proposals for potential expert panel projects of the RSC.

2. ELABORATION OF THE CRITERIA USED TO SELECT PANEL PROJECTS.

The Committee discussed the importance of establishing transparent criteria against which future panel topics will be adjudicated. Some criteria that emerged in discussion included:

- Will this project provide a service to Canadians?
- Is this the appropriate form of intervention for the RSC on this question?
- Is the topic capable of being broached in an interdisciplinary manner?
- Institutionally, can the RSC make a unique contribution to this matter?
- Is this a matter where the RSC ought to intervene because other organizations cannot or will not intervene?

3. MATTERS RELATING TO THE SCIENTIFIC ADVISORY COMMITTEE

The Committee on Expert Panels will contemplate the name and composition of the SAC in 2012. While it may be advisable for some organizations to have a committee with the descriptor “scientific”, this may be less accurate in the case of the RSC due to its broad multidisciplinaryity.

The CEP will also contemplate whether it may be desirable to alter the chairmanship of the Scientific Advisory Committee. Currently, the rules state that the Expert Panel Secretary serves as Chair of the CEP as well as the SAC.

4. EXPERT PANELS TO BE LAUNCHED IN 2012

In step with the elaboration of consultation mechanisms for topics as well as enhanced criteria for project selection, the CEP will be creating three new Expert Panel projects in 2012. The committee anticipates that one of these projects might feature collaboration with another Academy.



THE COMMUNICATIONS COMMITTEE – FINAL REPORT
November 2010 – November 2011

To: The Fellowship
From: Ronald Rompkey on behalf of the Communications Committee
Date: November, 2011

OVERVIEW

The Communications Committee is a Standing Committee of the Society, governed by By-Law 11. The Committee is chaired by the Honorary Editor. The Committee is composed of a representative from each Academy, as well as a designate of the Council, and two Associate Editors. The current composition of the committee is as follows:

1. Ronald Rompkey, Chair, Honorary Editor, Communications Committee
2. Jonathan Lomas, Associate Editor, Anglophone
3. Bernard Beugnot, Associate Editor, Francophone
4. *Vacant, Editor, Academy of Arts and Humanities*
5. Simon Langlois, Editor, Academy of Social Sciences
6. Betty Roots, Editor, Academy of Science

The mandate of the Committee is to monitor and develop policies, procedures and protocols of RSC communication, both internally and externally. It also includes the supervision of all matters relating to Society publications and communications, as well as oversight of the publications of the three Academies. The Committee is responsible for overseeing all facets of electronic communications, including the website, as well as the electronic newsletter and the electronic versions of the semi-annual RSC News, the Awards Programme and other materials.

In cooperation with the Honorary Editor and the Academy Editors, the Committee is responsible for ensuring the publication of obituaries memorializing deceased Fellows. In addition, it is responsible for implementing the Accolades and Publications initiative on the RSC website.



BUSINESS IN 2011

1. Internal Communications Policies
2. Communications Strategy
3. Website Strategy
4. 1-3-25 Process for Expert Panels
5. Policy on Translation for Expert Panels
6. Publications
 - (a) Ongoing
 - (i) *RSC News*
 - (ii) *RSC E-News*
 - (iii) *Guide for New Fellows*
 - (iv) *Event Programmes and Collateral*
 - (b) New Communication Tools
 - (i) *Academy III bulletin*
 - (ii) *Preparing a Nomination Guide*
 - (iii) *Legacy Document*

PRIORITIES FOR 2012

1. Implementation of Communications Strategy
 2. Implementation of Website Strategy
 3. Deepening the visual appeal and consistency of all Society Publications
 4. Collaborating with the Committee Expert Panels
 5. Collaborating with the Task Force on Bilingualism
-



BUSINESS IN 2011

1. INTERNAL COMMUNICATIONS POLICIES

In collaboration with the Secretariat, a policy framework for RSC communications has been elaborated in order to communicate the vision and programmes of the RSC.

2. COMMUNICATIONS STRATEGY

One of the key initiatives of the RSC throughout 2011 was beginning the process toward a Strategic Plan. Ideally, a communications strategy would flow from such a plan. In the interim, until such a plan has been presented to the Fellowship at the AGM, the Secretariat and volunteers have designed an interim communication strategy which was adopted by the Communications Committee. Once the strategic plan is finalized and adopted, the interim communications strategy will be carefully reviewed to ensure that its orientation is forward-looking and consistent with the strategic directions of the RSC.

3. WEBSITE STRATEGY

The website strategy closely adheres to the goals and objectives set out in the Society's interim communication strategy. While it remains important to maintain visits from audiences familiar with the RSC's website and what it has to offer (foremost among those being the Fellows of the RSC), the strategy's overall objective is to provide a framework to assist the Communications Department in increasing the number of new, unique visitors from all target audiences by a realistic and measurable percentage.

4. 1-3-25 PROCESS FOR EXPERT PANELS

Because Expert Panel reports of the RSC are commissioned as a service to Canadians, it is important for the Society to communicate the findings of expert panels so as to speak directly to Canadians. In order to do this, a new format to communicate report findings was developed. This is referred to commonly as "1-3-25".

The "1-3-25" format appeals to various target audiences. While the "one-page" summary of the report appeals to busy Deputy Ministers (for example), the "three-page" may be of use to the Assistant Deputy Ministers, and the "25-page" report may be of greater interest to Executive Directors. Those involved in managing and creating public policy are more likely to make the time to read the technical report.

5. POLICY ON TRANSLATION FOR EXPERT PANELS

In order to be fully attentive to the requirement to operate comprehensively in both official languages, the Society recently struck a Task Force on Bilingualism. One of the tasks of the Task Force is to analyze the manner in which the Society can, in a fiscally sustainable manner, conduct all publications in both official languages. In the meantime the Committee has adopted a recommendation stipulating that all documents produced in the 1-3-25 format will be translated in time for the release of the report. The "technical report" – whether it is published in French or in English – would be translated only when funds from a sponsor are available.

6. PUBLICATIONS

- a. Ongoing

(i) RSC News

After being revamped in 2009, the RSC News continues to be one of the primary hard copy publications of the RSC. It reaches over 2,000 people annually, including Fellows and members of the general public, and is published bi-annually.

(ii) RSC E-News

Because of the growing popularity of online news sources, the RSC E-News was created in 2009. The purpose of exploring this new medium was to give Fellows access to relevant information which would become available in a timely fashion and be accessible from anywhere in the world. The RSC eNews is published bi-monthly.

(iii) Guide for New Fellows

The Guide for new Fellows is a comprehensive manual that provides new Fellows with an introduction to the RSC, a background on its history, an overview of the mission, initiatives and raison d'être. It also contains information on the organizational structure of the Society, the Secretariat, academy divisions and governance.

(iv) Event Programmes and Collateral

The Society hosts upwards of 30 national events annually in collaboration with Institutional Members. Promotional and collateral materials are created for each of these events to ensure consistency of our institutional brand.

b. New Communication Tools

(i) Academy III bulletin

The Academy III Bulletin is an online publication that appears in the Bulletins section on the homepage of the RSC website and is distributed three times per year to all RSC Fellows and recipients of the RSC E-News. The purpose of this electronic Bulletin is to increase interest in the Fellows, programming and initiatives of the Academy of Science.

(ii) Preparing a Nomination

The Preparing a Nomination Guide is a hard and soft copy publication, created primarily as a service to Institutional Members in order to facilitate the development of outstanding nomination dossiers. This publication describes the components of a nomination dossier and includes samples of all documents related to the preparation of a nomination dossier.

(iii) Legacy Document

The Next 130 Years brochure was created in the context of the strategic planning exercise, as well as to launch the Walter House Campaign for Fundraising from Fellows.



PRIORITIES FOR 2012

1. IMPLEMENTATION OF WEB STRATEGY

In collaboration with the Secretariat, a plan of action will be completed for the website in early 2012.

2. IMPLEMENTATION OF COMMUNICATIONS STRATEGY

In alignment with the RSC Strategic Plan, the interim communications strategy will be revisited in early 2012 with an elaborated communications plan to be implemented soon thereafter.

3. ACHIEVING GREATER CONSISTENCY IN SOCIETY PUBLICATIONS

Maintaining a strong institutional brand presence is a priority for the Communications Committee. In the coming year, the Committee will work hard towards achieving consistency across all Society publications to ensure a common format, look and feel, as well as key messaging.

4. COLLABORATING WITH THE COMMITTEE ON EXPERT PANELS

The Committee on Communications will be collaborating with the Committee on Expert Panels to find effective ways to reach the broadest possible audience with important information about issues of keen interest and importance to Canadians.

5. COLLABORATING WITH THE TASK FORCE ON BILINGUALISM

The Committee on Communications will collaborate closely with the Task Force on Bilingualism to implement their policy recommendations in order to celebrate the achievements and programmes of the RSC comprehensively in both official languages.



THE COMMITTEE ON AWARDS AND RECOGNITION
November 2010 – November 2011

To: The Fellowship
From: Roseann Runte on behalf of the Committee on Awards and Recognition
Date: November 2011

OVERVIEW

The Committee on Awards and Recognition is a Standing Committee of the Society.

The Committee consist of a Chair, appointed by the Council of the Society for a three-year term, and the Past-President and the Secretary of each Academy.

1. Roseann Runte (Chair), Academy of Arts and Humanities, Carleton University
2. Christl Verduyn, Academy of Arts and Humanities, Mount Allison University
3. Monica Boyd, Academy of Social Sciences, University of Toronto
4. Andrew Miall, Academy of Science, University of Toronto
5. Douglas Owram, Academy of Arts and Humanities, The University of British Columbia
6. Susan McDaniel, Academy of Social Sciences, University of Lethbridge
7. Xiaoyi Bao, Academy of Science, University of Ottawa

The Awards Committee supervises the awards made by the Society and administered by the Society. The Chair of the Awards Committee is responsible to the Council of the Society.

One of the major initiatives was the creation of a Task Force to comprehensively review policies of the RSC Awards Programme with a view toward increasing visibility, sustainability, and balance among the Academies.



BUSINESS IN 2011

1. Medals and Awards administered in 2011
2. The Task Force on Awards and Recognition

PRIORITIES FOR 2012

1. 2012 Medals and Awards
 2. Implementing the recommendations of the Task Force on Awards and Recognition
-

BUSINESS IN 2011

1. 2011 MEDALS AND AWARDS

The Royal Society Awards Committee is pleased to announce the medals and awards winners for 2011. All recipients are truly worthy of this honour and deserve our congratulations on their most significant contributions to scholarship.

1. The Alice Wilson Award

- Description: For outstanding academic qualifications of a woman who is entering a career in scholarship or research at the postdoctoral level.
- 2011 Winner: **May Chazan**, Department of Geography and Environmental Studies, Carleton University
- 2012 Process: The Alice Wilson Award is given every year. The recipient is chosen from the current year's female winners of postdoctoral fellowships from one of the three granting Councils (yearly rotation). The 2012 winner will be chosen amongst the candidates submitted by the Canadian Institutes of Health Research (CIHR).

2. The Pierre Chauveau Medal

- Description: For a distinguished contribution to knowledge in the humanities other than Canadian literature and Canadian history.
- 2011 Winner: **Robert Ladouceur**, École de Psychologie, Université Laval
- 2012 Process: The Pierre Chauveau Medal is offered on a biennial basis; therefore, it will be offered next in 2013.

3. The Rutherford Memorial Medal in Physics

- Description: For outstanding research in physics
- 2011 Winner: **Freddy A. Cachazo**, Perimeter Institute for Theoretical Physics
- 2012 Process: The Rutherford Memorial Medal in Physics is offered on an annual basis and will be offered in 2012.

4. The Rutherford Memorial Medal in Chemistry

- Description: For outstanding research in chemistry
- 2011 Winner: **Federico Rosei**, Department of Energy, Materials and Telecommunications, Institut National de la Recherche Scientifique
- 2012 Process: The Rutherford Memorial Medal in Chemistry is offered every year and the next competition will occur in 2012.

5. The Mirosław Romanowski

- Description: For significant contributions to the resolution of scientific aspects of environmental problems or for important improvements to the quality of an ecosystem in all aspects – terrestrial, atmospheric and aqueous – brought about by scientific means.
- 2011 Winner: **Andrew J. Weaver**, School of Earth and Ocean Sciences, University of Victoria
- 2012 Process: As the Mirosław Romanowski Medal is offered every year, the selection committee will meet again in winter 2012.

6. The McLaughlin Medal

- Description: For important research of sustained excellence in any branch of medical sciences.
- 2011 Winner: **Morley D. Hollenberg**, Department of Physiology & Pharmacology, University of Calgary
- 2012 Process: The McLaughlin Medal is given on an annual basis.

7. The McNeil Medal

- Description: For outstanding ability to promote and communicate science to students and to the public within Canada
- 2011 Winner: **R.J. Dwayne Miller**, Department of Chemistry, University of Toronto
- 2012 Process: The McNeil Medal is given on an annual basis.

8. The Innis-Gérin Medal

- Description: For a distinguished and sustained contribution to the literature of the social sciences including human geography and social psychology.
- 2011 Winner: **Georges Dionne**, Canadian Research Chair in Risk Management, HEC Montréal
- 2012 Process: The Innis-Gérin Medal will no longer be offered by the Society as a recommendation of the Task Force on Awards and Recognition.

9. The Willet G. Miller Medal

- Description: For outstanding research in any branch of the earth sciences.
- 2011 Winner: **Anthony E. Williams-Jones**, Department of Earth and Planetary Sciences, McGill University
- 2012 Process: The Willet G. Miller Medal will no longer be offered by the Society as a recommended by the Task Force on Awards and Recognition

10. The Henry Marshall Tory Medal

- Description: For outstanding research in a branch of astronomy, chemistry, mathematics, physics, or an allied science, carried out mainly in the eight years preceding the date of the award, but all the research of the candidate is taken into account.
- 2011 Winner: **Arthur B. McDonald**, Department of Physics, Queen's University
- 2012 Process: The Henry Marshall Tory Medal is offered on a biennial basis; therefore, it will be offered next in 2013.

11. The Sir John William Dawson Medal

- Description: for important and sustained contributions in two domains of interest to RSC or in interdisciplinary research.
- 2011 Winner: **Keith W. Hipel**, Department of Systems Design Engineering, University of Waterloo.
- 2012 Process: The Sir John William Dawson Medal is offered on a biennial basis; therefore, it will be offered next in 2013.

12. The Konrad Adenauer Award

- Description: For an honourable academic record and promotion of academic collaboration between Canada and the Federal Republic of Germany

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- 2011 Winner: **Dennis R. Danielson**, Department of English, The University of British Columbia
 - 2012 Process: The Konrad Adenauer Award is offered every year.

2. THE TASK FORCE ON AWARDS AND RECOGNITION

The Task Force was initially struck by the Executive Committee of the Society at its meeting of April 19, 2010, with a revised mandate on June 23, 2010.

The membership of the Task Force consisted of:

Chair Roseann Runte, Chair, RSC Awards Committee

Academy I Representative Anne-Marie Di Sciullo

Academy II Representative Caroline Andrew

Academy III Representative André Parent

Council Designate Sherrill Grace

The genesis of this Task Force is that the Society has established an Awards Programme under which individual Members (and some non-members) are recognized for a particular accomplishment (or set of accomplishments) in a particular domain.

Over the years, for a variety of reasons, the Society has established an award or a prize. Many of these awards are accompanied by a medal. Some others are accompanied by a medal and a cash Award. Others involve a certificate of recognition. Many RSC awards run at in a deficit position and drain the finite reserves of the Society, and some awards have no funding whatsoever to sustain them.

Additionally, there is a significant imbalance in the different disciplines for which the Society offers awards, with the disciplines of Academy III predominating. More than two-thirds of the available awards are science oriented. There is no award aimed exclusively at the Humanities, and only one that targets the Social sciences specifically.

Another concern that has been expressed by the Awards Committee for many years (since the early 1990s) is the paucity of nominations for RSC awards.

An additional challenge, then, is to identify mechanisms to encourage a substantial increase in nominations for RSC awards.

In addition to the reflections required in the context of existing awards, the RSC has also formed partnerships toward the creation of new awards as a consequence of the Society's *Extending Excellence Fundraising Campaign*. To date not all of these have been made operational. The Society sought feedback from a Task Force on Awards so that it may implement new programmes responsibly.

It was therefore the objective of this Task Force to recommend appropriate policies and procedures to rationalize and streamline its awards and recognition portfolio.

PRIORITIES IN 2012

1. 2011-2012 MEDALS AND AWARDS

The list of medals and awards to be presented in 2012 is as follows:

1. The McLaughlin Medal
2. The McNeil Medal
3. The Mirosław Romanowski Medal
4. The Rutherford Memorial Medal in Physics
5. The Rutherford Memorial Medal in Chemistry
6. The Alice Wilson Award
7. The Konrad Adenauer Award
8. The Bancroft Award
9. The Award in Gender Studies
10. The J.B. Tyrrell Historical Medal
11. The Flavelle Medal
12. The Lorne Pierce Medal

2. IMPLEMENTING THE RECOMMENDATIONS OF THE TASK FORCE ON AWARDS AND RECOGNITION

The work of the Task Force on Awards and Recognition resulted in series of recommendations. Beginning in 2012, the Standing Committee on Awards will work to develop mechanisms toward implementation of Task Force recommendations that will be submitted to Council.

1. Mentorship Program in collaboration with the National Aboriginal Achievement Foundation

In the context of reaching out in Diversity initiatives, a series of scholarships for young people from Aboriginal or First Nations Communities is being created with the National Aboriginal Achievement Foundation. These scholarships will include a mentoring programme with a Fellow of the RSC. At the recommendation of the NAAF, this pilot project will begin in collaboration with three Institutional Members of the Society where there is a relatively high volume of potential beneficiaries.

2. Ursula Franklin Award in Gender Studies

On recommendation of the Task Force on the Diversity of Fellowship, it was recommended that, with the agreement of Dr. Ursula Franklin and the Society, the Award in Gender Studies of the Society, will become the Ursula Franklin Award in Gender Studies. The RSC President has written to Dr. Franklin in hopes that she will accept having this award named in her honor.

3. Alice Wilson Awards

A second suggestion from the Task Force on the Diversity of Fellowship was to expand the awards portfolio by tripling the Alice Wilson Award which is currently offered on a rotating basis to each Academy was considered most worthwhile. Funding received during the *Extending Excellence* campaign from the Fondation J. Armand Bombardier, which was donated in order to develop forms of recognition for emerging women scholars, would be used to fund these awards.

4. Abeyance of Medals

Two medals will be placed in abeyance due to the paucity of nominations and the lack of funding. The medals will still exist and can be re-instated at some point in the future.

5. Suppressions of cash prizes

Unless indicated in the original agreement with the donor, the RSC ought to provide no cash prize to accompany an award.

6. Fundraising Campaign

Medals which are unfunded, or for which funding will run out shortly, ought to be the subject of a fundraising effort. The original donors, the families and descendants of those in whose name the medal is awarded, former recipients and deans of universities across Canada will be invited to create an endowment to make the medals sustainable.

7. Delegating Medals and Awards to Academies

The process of managing 22 committees (one for each award) is excessively bureaucratic and costly for the Secretariat. To ensure a more efficient management of the awards portfolio, the Society ought to administer the adjudication of RSC awards via the Standing Committee on Awards and Recognition, which has broad representation from all three Academies.

8. Partnership for Extending Excellence Scholarships Funds

Following the pilot project in collaboration with the National Aboriginal Achievement Foundation, other partnerships will be implemented with other partners to create scholarships and mentoring programmes resulting from the *Extending Excellence* campaign.



THE COMMITTEE ON THE ADVANCEMENT OF WOMEN IN SCHOLARSHIP
November 2010 – November 2011

To: The Fellowship
From: Constance Backhouse on behalf of the Committee for the Advancement of Women in Scholarship
Date: November 2011

OVERVIEW

The Committee on the Advancement of the Women in Scholarship is a Standing Committee of the Society.

The Committee consists of a Chair, appointed by the Council of the Society and consist of two members appointed from each Academy for a three-year term. The current composition of the committee is as follows:

1. Constance Backhouse (Chair), Academy of Social Sciences, University of Ottawa
2. Joan Sangster, Academy of Arts and Humanities, Trent University
3. Veronica Strong-Boag, Academy of Social Sciences, University of British Columbia
4. Frances Henry, Academy of Social Sciences, York University
5. Francine Saillant, Academy of Social Sciences, Université Laval
6. Susan McDaniel, Academy of Social Sciences, University of Lethbridge
7. Robert Reisz, Academy of Science, University of Toronto
8. Representative of the Academy of Science, to be determined
9. Representative of the Academy of Arts and Humanities, to be determined

The mandate of the Committee is as follows:

The Committee was created to advise the Council of the Society on policies and procedures to advance women in scholarship and on programs to achieve the goal of increasing the role of women within the Society, ensure an equitable presence of women on all Society committees and projects, and plan and supervise activities as deemed appropriate. The Chair of the Committee is responsible to the Council of the Society.

The major initiative of the Committee in 2011 was the creation of a Task Force to comprehensively review the manner in which the Society's membership and practices reflect the diversity of the contemporary intellectual landscape in Canada.

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du Canada

BUSINESS IN 2011

1. The 2011 Alice Wilson Award
2. The Task Force on the Diversity of the Fellowship

PRIORITIES FOR 2012

1. The 2012 Alice Wilson Award
 2. Implementing the recommendations of the Task Force on the Diversity of the Fellowship
-

BUSINESS IN 2011

1. THE 2011 ALICE WILSON AWARD

The Alice Wilson Award was established by RSC in 1991, at the behest of the Committee for Advancement of Women in Scholarship, to honour the memory of Alice Evelyn Wilson (1881-1964), FRSC, the first woman elected to RSC (1938). Dr. Wilson was a world-renowned palaeontologist and one of Canada's foremost geologists. Her career with the Geological Survey of Canada lasted from 1909 to 1946, while she advanced from museum assistant to geologist. In addition to her research contributions, she brought geology to the public, especially to children, in many ways.

The award is given to a woman of outstanding academic qualifications who is entering a career in scholarship or research at the postdoctoral level. The recipient is chosen from the current year's female winners of postdoctoral fellowships from one of three granting Councils - the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council (NSERC) and the Social Sciences and Humanities Research Council (SSHRC), by yearly rotation. The award consists of a diploma and a cash amount of \$1,000 and is offered every year.

For the 2011 competition, 15 nominations were submitted by the Social Sciences and Humanities Research Council (SSHRC). After due deliberation the Committee recommended Professor May Chazan as the winner of the 2011 Alice Wilson Award.

May Chazan received her Ph.D. in Geography from Carleton University in 2011 and has recently embarked on a post-doctoral fellowship, supported by the Social Sciences and Humanities Research Council (SSHRC), at the University of Toronto. Research associate with the Health Economics and HIV/AIDS Research Division (HEARD) in South Africa, and 2006 Trudeau Foundation Scholar, Chazan's doctoral research examined the ways in which older women in certain South African communities were collectively responding to the combined stresses of HIV/AIDS, violence, and poverty, and their complex linkages into a growing Canadian movement of some 10,000 Canadian grandmothers. She is now significantly expanding this work to investigate, through a lens of critical feminist theory, other examples of how older women are mobilizing and forming transnational linkages in their struggles for social and environmental justice.

2. THE TASK FORCE ON THE DIVERSITY OF THE FELLOWSHIP

The Task Force was struck by the Executive Committee of the Society at its meeting of June 23, 2010. Its mandate was to enhance the manner in which the Society's membership and practices reflect the diversity of the contemporary intellectual landscape in Canada.

The membership of the Task Force consisted of:

Chair Constance Backhouse	Chair
Academy I Representative	Joan Sangster
Academy II Representative	Francine Saillant
Academy II Representative	Susan McDaniel
Academy II Representative	Veronica Strong-Boag
Academy II Representative	Frances Henry
Academy III Representative	Robert Reisz

In the later 1980s the Society established a "Women in Scholarship Committee" as part of an initiative funded by Industry Canada to promote the recruitment of women into science programmes, into doctoral programmes and into the professoriate and "research scientist" communities.

The Industry Canada funding expired in 1994, but the Society continued to maintain the Committee and its mandate. The Committee and its original terms of reference remain unchanged to this day.

The genesis of this Task Force is made on two observations that have been made over the years.

First, the Society has been less successful than hoped in advancing the role of women within the Society and in ensuring their equitable presence on all Society committees. The number of nominations has not significantly increased either. When there have been nominations of women for election, by the time the general process works its way through, the historical pattern of exclusion seems to reassert itself. By contrast, where selection is made by the Council or by a small Committee, the representation of women among laureates is greater.

Second, the agenda of inclusion has broadened over the past 20 years. There needs to be greater attention to racialized and linguistic minorities, those from immigrant groups, Indigenous peoples, and persons with disabilities.

The Task Force was charged with recommending strategies to increase diversity, in the widest sense of that term, through the Royal Society's operations. The report was submitted to the Executive Committee at its meeting of October 14, 2011 and the Task Force Report was submitted to Council at its meeting of October 26, 2011.



PRIORITIES IN 2012

1. THE 2012 ALICE WILSON AWARD

The 2012 Alice Wilson Award will be presented in collaboration with the Canadian Institutes of Health Research (CIHR).

2. IMPLEMENTING THE RECOMMENDATIONS OF THE TASK FORCE ON THE DIVERSITY OF THE FELLOWSHIP

The work of the Task Force on the Diversity of the Fellowship resulted in series of recommendations. Beginning in 2012, the Standing Committee on Woman in Scholarship will work to develop mechanisms toward implementation of Task Force recommendations that have received the endorsement of Council.

1. To work with the Honorary Secretary, the Academy Presidents and the Committee on Fellowship to elaborate the Task Force recommendations into a plan of action and implementation.
2. To increase the communication between the Committee on Equity and Diversity and the Fellowship Selection Committees.
3. To develop an implementation plan resulting from the recommendations of the Task Force with respect to existing Awards and new awards.
4. To work with Academy Program Committees toward the development of events consistent with the recommendations of the Task Force with respect to promoting diversity.

THE COMMITTEE ON INTERNATIONAL AFFAIRS – FINAL REPORT
November 2010 – November 2011

To: The Society's Fellowship
From: Jeremy McNeil on behalf of the Committee on International Affairs
Date: November, 2011

OVERVIEW

The Committee on International Affairs is a Standing Committee of the Society. The Committee is chaired by the Foreign Secretary. The committee is composed of a representative from each Academy, as well as a designate of the Council. The current composition of the committee is as follows:

1. Jeremy N. McNeil (Chair), Academy of Science, University of Western Ontario
2. Leonard Conolly, Academy of Arts and Humanities, Trent University
3. Stephen Gill, Academy of Social Sciences, York University
4. Jacques Lévesque, Academy of Social Sciences, Université du Québec à Montréal
5. David Dolphin, Academy of Science, University of British Columbia

The mandate of the Committee is to facilitate and advance the bilateral and multilateral relationships of the RSC.

Since being reconvened last November by the Foreign Secretary, the Committee on International Affairs has comprehensively reviewed all bilateral and multilateral activities of the RSC. These amounted in number to 30 programmes and initiatives, many of which are vibrant and building.

Due to the realities of fiscal restraint, it has been necessary to prioritize programming according to the extent to which the Committee felt that certain programmes aligned with the mission of the RSC. Criteria for such programming includes transdisciplinarity, impact “on the ground”, frugality, and time-efficiency.

During the course of 2011, it became clear that the strategic priority that best conforms to these criteria is the InterAmerican Network of Academies of Science (IANAS).

Due to the high pace of activity between November 2010 and November 2011, this report contains a series of annexes with further details on the year's programming.

These details are salient because certain activities have wound down and others have just started.¹

¹ International Activities Overview



BUSINESS IN 2011

1. IANAS Women for Science meeting
 2. Meeting of the G8+ Academies
 3. IANAS meeting of the Executive Committee
 4. IANAS Energy Project meeting
 5. IANAS Science Education Programme meeting
 6. World Economic Forum - Young Leaders in Science Technology and Innovation
 7. IANAS Strategic Planning meeting
 8. IANAS Water Programme meeting
 9. IANAS Science and Media Workshop Challenge and Opportunities in Communicating Science to the Public
-

PRIORITIES FOR 2012

1. IANAS
 2. Union Académique International (UAI)
 3. Human Rights Network
 4. Academy of Science for South Africa
 5. Other Bilateral Relations
-



BUSINESS IN 2011

1. IANAS WOMEN FOR SCIENCE MEETING²

The first IANAS Women for Science (WfS) meeting was hosted by the Mexican Academy of Science. Participants included colleagues designated by the fifteen Academies of Sciences of Latina America and the Caribbean assigned as Focal Points of the Program as well as representatives from OWSDW, Panama representatives: APANAC President Myriam Gonzalez and Dean Marcela Paredes of the Panama Technical University.

- Date: February 24-27, 2011
Location: Mexico City, D.F., Mexico
- Participants: 17 National Academies of Science
- RSC representation: Frances Henry, FRSC

2. MEETING OF THE G8+ ACADEMIES³

In preparation for the meeting of the G8 in Deauville, France in May 2011, the Government of France charged the G8 Academies of Sciences to prepare a statement on the key issue of "Water, Health and Agriculture", as well as a statement on the topic of "Education for a science based global development". 15 National Science Academies participated in two days of meetings in Paris, and two statements were submitted to the French Government by l'Académie des sciences, Institut de France.

- Date: March 24-26, 2011
- Location: Paris, France
- Participants: 15 National Academies of Science
- RSC representation: Jeremy McNeil, FRSC and Graham Bell, FRSC

3. IANAS MEETING OF THE EXECUTIVE COMMITTEE⁴

In order to ensure continuity, the Executive Committee met in May 2011 following the General Assembly which was hosted by the RSC in Ottawa, in August 2010. The Academy of Sciences of Cuba hosted the meeting in conjunction with their 150th anniversary.

- Date: May 17-18, 2011
- Location: Havana, Cuba
- Participants: Members of the Executive Committee
- RSC representation: Jeremy McNeil, FRSC and Graham Bell, FRSC

4. IANAS MEETING OF THE ENERGY PROJECT⁵

The second IANAS meeting of the energy project meeting was hosted by the Colombian Academy of Exact, Physical and Natural Sciences in June 2011. The IAP-supported IANAS workshop in Buenos Aires in 2008 established the strategies that have guided the project. The project brings together academies and sister organizations from Latin America, North American and the Caribbean. Priority is given to major public issues that have a cross-cutting impact on the countries in the hemisphere and that need the insights of science and technology to reach successful results.

- Date: June 9-10, 2011
- Location: Bogota, Colombia

2 IANAS Women for Science meeting programme

3 2011 G8 statements

4 IANAS Executive Committee meeting programme

5 IANAS Energy Project meeting programme

- Participants: 18 National Academies of Science
- RSC representation: Joseph Arvai, University of Calgary

5. IANAS MEETING OF THE SCIENCE EDUCATION PROGRAMME⁶

The IANAS meeting of the science education programme was hosted in Mexico City in June 29-30, by the Mexican Academy of Science. Experts from the scientific community of the 18 Academies of IANAS and observers from different international organizations met to discuss the future steps and challenges of one of the most successful programs in the Hemisphere

- Date: June 29-30, 2011
- Location: Mexico City, D.F, Mexico
- Participants: 18 National Academies of Science
- RSC representation: Pat Rowell

6. WORLD ECONOMIC FORUM - YOUNG LEADERS IN SCIENCE TECHNOLOGY AND INNOVATION⁷

This calendar year marks the fourth year that the World Economic Forum (WEF) worked in association with the IAP: The Global Network of Science Academies to support young scientists (YS) as part of the WEF's Annual Meeting of the New Champions, also known as the 'Summer Davos'. The activities of the week involved a private set of events for the Young Scientists as well as opportunities to attend and participate in the WEF meeting itself.

- Date: Sept 14-16, 2011
- Location: Dalian, People's Republic of China
- Participants: Over 1,500 participants including 400 CEOs from Forum Partner and Member companies together with up-and-coming leaders from business, politics, science and technology from 80 countries
- RSC representation: Madhur Anand, University of Guelph; Alex Clark, University of Alberta, and Laurence Pelletier, Samuel Lunenfeld Research Institute

7. IANAS STRATEGIC PLANNING MEETING⁸

In order to ensure continuity the IANAS Co-Chairs invited all members of the Executive Committee to participate in a Strategic Planning Meeting aiming to develop a five years plan for IANAS.

- Date: Sept 21-22, 2011
- Location: Irving, California, United States of America
- Participants: Members of the Executive Committee
- RSC representation: Graham Bell, FRSC

6 IANAS Science Education meeting programme

7 World Economic Forum meeting programme

8 Report from the President of the Academy of Science on the IANAS Strategic Planning meeting



8. IANAS MEETING OF THE WATER WORKING GROUP⁹

The 6th IANAS meeting of water working group was hosted on Lake Titicaca, Bolivia from November 21-25, by the National Academy of Sciences of Bolivia. Experts from the water resources management community, representatives of the member academies of IANAS, as well as observers from different international organizations met to define tangible results from their action plan for the next 2-3 years.

- Date: November 21-25, 2011
- Location: Lake Titicaca, Bolivia
- Participants: 18 National Academies of Science
- RSC representation: TBD

9. IANAS SCIENCE AND MEDIA WORKSHOP CHALLENGE AND OPPORTUNITIES IN COMMUNICATING SCIENCE TO THE PUBLIC¹⁰

IANAS, thanks to funding from IAP organized a workshop on Science Communication. This meeting was meant to a) develop the communication skills of scientists, b) develop the professional skills of public information officers, and c) develop science skills for journalists interested in writing about science. Invitations to the workshop were extended all member academies of IANAS, as well as to science journalists, and public relations experts. The workshop was hosted by The National Academy of Sciences of Argentina in November 2011.

- Date: November 28-30, 2011
- Location: Buenos Aires, Argentina
- Participants: 18 National Academies of Science
- RSC representation: Jeremy McNeil, FRSC and Peter Calamai

⁹ IANAS Water Working Group programme

¹⁰ Science Education Workshop programme



PRIORITIES FOR 2012

1. INTER-AMERICAN NETWORK OF ACADEMIES OF SCIENCE (IANAS)

Maintaining an active role in IANAS and its programmes will continue to be a priority for the Society's International Affairs committee throughout the next year. The RSC is actively pursuing funding opportunities in order to host the Secretariat of IANAS beginning in 2015. This will require an annual sum of \$250,000.

2. UNION ACADEMIQUE INTERNATIONALE (UAI)

The Committee on International Affairs has deemed the UAI an important priority for the coming year. Therefore, the Committee is currently trying to identify designates to represent the Society at the UAI meetings.

3. HUMAN RIGHTS NETWORK

The Committee on International Affairs has determined that a subcommittee devoted to defending academic freedom internationally will be struck. The Committee awaits designates from the three Academies in order to undertake this important work.

4. ACADEMY OF SCIENCE FOR SOUTH AFRICA

The follow-up event to the highly successful bilateral conference in Cape Town will be held in Canada in 2012.

5. OTHER BILATERAL RELATIONS

Formal contact has also been established with the Israel Academy of Sciences and Humanities. It is the objective of the committee to continue to deepen bilateral relations with National Academies such as those in South Africa and Israel, and the United States.



MEETINGS OF THE RSC EXECUTIVE COMMITTEE AND COUNCIL, 2012 **RÉUNIONS DU COMITÉ EXÉCUTIF ET DU CONSEIL DE LA SRC 2012**

<u>Meeting / Réunion</u>	<u>Date</u>	<u>Location / lieu</u>	<u>Time / Heure</u>
Executive Committee Comité exécutif	Wednesday, February 1 Mercredi le 1 février	Teleconference Téléconférence	14h00 – 15h30 EST 14h00 – 15h30 HNE
Executive Committee Comité exécutif	Friday, March 23 Vendredi le 23 mars	Teleconference Téléconférence	14h00 – 15h30 EST 14h00 – 15h30 HNE
Council Conseil	Wednesday, April 25 Mercredi le 25 avril	Ottawa	10h00 – 16h00 EST 10h00 – 16h00 HNE
Executive Committee Comité Exécutif	Wednesday, May 23 Mercredi le 23 mai	Teleconference Téléconférence	14h00 – 15h30 EST 14h00 – 15h30 HNE
Executive Committee Comité exécutif	Wednesday, June 20 Mercredi le 20 juin	Ottawa	10h00 – 16h00 EST 10h00 – 16h00 HNE
Executive Committee Comité exécutif	Friday, August 24 Vendredi le 24 août	Teleconference Téléconférence	14h00 – 15h30 EST 14h00 – 15h30 HNE
Executive Committee Comité exécutif	Friday, October 19 Vendredi le 19 octobre	Teleconference Téléconférence	14h00 – 15h30 EST 14h00 – 15h30 HNE
Council Conseil	Saturday, November 17 Samedi le 17 novembre	Ottawa	11h30 – 14h00 EST 11h30 – 14h00 HNE

*The Annual Business Meeting of the Society will be held on Sunday, November 18, from 11h00 to 12h30

*L'assemblée générale de la Société se tiendra dimanche, le 18 novembre, de 11h00 à 12h30

November 2011

novembre 2011

MINUTES / PROCES VERBAL
129th Annual Business Meeting / 129^e Assemblée annuelle

Lord Elgin Hotel / L'hôtel Lord Elgin
Sunday, November 28, 2010 – 11:00 p.m. to 12:30 p.m.
Dimanche le 28 novembre 2010 de 11 h à 12 h 30

The Annual Business Meeting was attended by the following Fellows:

Academy I: Academy of the Arts and Humanities / Académie des arts, des lettres et des sciences humaines:

L. Findlay, G. Jarema, F. Baylis, R. Poole, S. Embleton, G. Libben, Y. Grisé, L. White, D. Owrap, G. Davies, R. Major, P. Imbert

Academy II: Academy of Social Sciences / Académie des sciences sociales:

J. Downie, J. Brodie, C. Saint-Pierre, R. Macdonald

Academy III: Academy of Science / Académie des sciences:

G. Leech, C. Savage, M. Belosevik, G. Bell, X. Bao, R. Cleve, Y. Guindon, A. Alcock, G. Narbonne, J. Giesy, H. Robertson, D. Smith, C. Caskey, J. McNeil, M. Nemer, M. Church, B. Roots, A. Miall, T. McElroy, R. Morris, M. Sutton, B. Jones, D. Wayner

Also present / aussi présent(e)s:

From the RSC Secretariat: Darren Gilmour, Louise Joly, Anna Buczek, Erika Kujawski, Amelia Zaglul, Tina Skerlj, Marie-Lyne Renaud, Sarah Pouliot

The Annual Business Meeting was chaired by the Roderick A. Macdonald, President and Robert Major, Honorary Secretary.

THE MEETING WAS CONVENED at 11:00 a.m.
LA SÉANCE A DÉBUTÉ À 11 h

1. Opening

The President welcomed everyone and thanked those in attendance for their participation in the meeting.

MOTION (R. Major / D. Smith)

That the Agenda of the Annual Business Meeting of November 28, 2010 be approved as distributed.

CARRIED

2. Approval of the minutes of the 2009 Annual Business Meeting

MOTION (D. Smith / P. Imbert)

That the minutes of the Annual Business Meeting of November 29, 2009 be approved as distributed.

CARRIED

3. Report of the RSC President

The President briefly reviewed his annual report and noted that the report, as well as the appendices, would be available for public consultation on the RSC website.

MOTION (J. McNeil / P. Imbert)

That the report of the President be accepted as presented.

CARRIED

4. Report of the Honorary Secretary

The Honorary Secretary reported the unanimous recommendation of the Committee for the Nomination of Officers that Yolande Grisé be presented for election as RSC President.

The Honorary Secretary reported additionally that Marie D'Iorio had been elected as President-Elect of the Academy of Science, that Len Findlay had been elected as President of the Academy of Arts and Humanities by acclamation, that Neena Chappell had been elected as President of the Academy of Social Sciences by acclamation.

MOTION (R. Major / D. Smith)

That the report of the Honorary Secretary be accepted as presented.

CARRIED

The Honorary Secretary presented a list of Deceased Fellows and requested a moment of silence in memory of Fellows who passed during 2010.

MOTION (R. Major / J. McNeil)

That the list of Deceased Fellows be accepted as presented.

CARRIED

5. Report of the Honorary Treasurer

The Honorary Treasurer requested that the minutes record his acknowledgment and recognition of the Executive Director, Manager of Services and Administration, and Comptroller for their contributions to improving the internal reporting mechanisms of the RSC.

The Honorary Treasurer highlighted the urgency with which the RSC ought to address its structural deficit, and outlined a series of initiatives to do so.

The Honorary Treasurer reported on the status of RSC investment portfolio, as well as the financial statements and the letter to the Executive Committee resulting from the March 31, 2010 audit.

A series of motions then followed.

MOTION (D. Wayner / R. Major)

That the Audited Financial Statements as at March 31, 2010 be approved as presented.

CARRIED

MOTION (D. Wayner / F. Baylis)

That the firm of Deloitte & Touche LLP be appointed as Auditors for the RSC's fiscal year April 1, 2010 to March 31, 2011.

CARRIED

MOTION (D. Wayner / M. Nemer)

That the signing authorities for the fiscal year 2010-2011 be approved as follows

Banking Documents

That the signing authorities for banking purposes be:

Up to, but not including, \$10,000.00 two of the following four: the Honorary Treasurer (D. Wayner), the Honorary Secretary (R. Major), the Executive Director (D. Gilmour); the Manager, Services and Administration (L. Joly), the Manager, External Relations (A. Buczek).

\$10,000.00 and over either the Honorary Treasurer (D. Wayner) or the Honorary

Secretary (R. Major); with the Executive Director (D. Gilmour).

In addition, all expenses over \$25,000.00 must have received the written consent of the President (R. Macdonald).

Contractual/Agreement Purposes

That the signing authorities for contractual/agreement purposes be:

Up to, but not including, \$10,000.00 two of the following five: the Executive Director (D. Gilmour) or the Honorary Secretary (R. Major), or the Honorary Treasurer (D. Wayner) or the Manager, Services and Administration (L. Joly) or the Manager, External Relations (A. Buczek).

\$10,000.00 and over either the President (R. Macdonald), or the Honorary Treasurer (D. Wayner) or the Honorary Secretary (R. Major); with the Executive Director (D. Gilmour).

In addition, all contractual agreements over \$25,000.00 must have received the written consent of the President (R. Macdonald).

Employment Agreement purposes

That the signing authorities for employment agreement be:

For the hiring of the Executive Director: the President (R. Macdonald); and **one** of the following two; the Honorary Treasurer (D. Wayner); **or** the Honorary Secretary (R. Major).

For the hiring of staff: the Executive Director (D. Gilmour); and one of the following two: the President (R. Macdonald); or the Honorary Secretary (R. Major).

CARRIED

MOTION (D. Wayner / J. McNeil)

That the report of the Honorary Treasurer be accepted as presented.

CARRIED

6. New Society Officers

MOTION (R. Major / R. Runte)

That the list of Society and Academy Officers for the term November 28, 2010 to November 26, 2011 be approved as presented.

CARRIED

President: Roderick A. Macdonald (*Academy of Social Sciences*)

Honorary Secretary: Robert Major (*Academy of Arts & Humanities*)

Honorary Treasurer: Danial Wayner (*Academy of Science*)

Academy Officers:

Patrick Imbert (*Academy of Arts and Humanities*) as VP

Céline Saint-Pierre (*Academy of Social Sciences*) as VP

Graham Bell (*Academy of Science*) as senior VP

Sean Riley (*Institutional Member Representative*)

Sandra Irving (*Chair, President's Advisory Committee*)

In addition, the President reported that the following members of Council:

Ronald Rompkey (*Academy of Arts and Humanities*) as Honorary Editor

Jeremy McNeil (*Academy of Science*) as Foreign Secretary

William Leiss (*Academy of Social Sciences*) as Expert Panel Secretary

Constance Backhouse (*Academy of Social Sciences*) as Chair, Committee for the Advancement of Women in Scholarship

7. Amendments to the By-Laws

The President reviewed each proposed by-law change individually.

By-Law 1.2

CURRENT: The Society may operate under the descriptive name of: RSC: The Academies of Arts, Humanities and Sciences of Canada and SRC: Les Académies des arts, des lettres et des sciences du Canada.

PROPOSED: The Society may operate under the descriptive name of: The Academies of Arts, Humanities and Sciences of Canada and Les Académies des arts, des lettres et des sciences du Canada.

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 1.2 of the Society be accepted as presented.

DEFEATED

By-Law 8.1

CURRENT: An Annual Meeting of the Society shall be held at a time and place to be determined by the Council of the Society. An Annual Business Meeting of the Society shall be held at the time of the Annual Meeting. Notice of the Annual Business Meeting stating its time and place shall be mailed to all Fellows at least six weeks prior to the meeting.

PROPOSED: An Annual Meeting of the Society shall be held at a time and place to be determined by the Council of the Society. An Annual Business Meeting of the Society shall be held at the time of the Annual Meeting. Notice of the Annual Business Meeting stating its time and place shall be **communicated** to all Fellows at least six weeks prior to the meeting.

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 8.1 of the Society be accepted as presented.

CARRIED

By-Law 8.3

CURRENT: An Annual Business Meeting of each Academy shall be held immediately preceding the Annual Business Meeting of the Society.

PROPOSED: An Annual Business Meeting of each Academy shall be held preceding the Annual Business Meeting of the Society.

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 8.3 of the Society be accepted as presented.

CARRIED

By-Law 9.2

CURRENT: ELECTION AND TERM OF OFFICE

PROPOSED: ELECTION AND TERM OF OFFICE OF THE PRESIDENT OF THE SOCIETY

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 9.2 of the Society be accepted as presented.

CARRIED

By-Law 9.2.1.1

CURRENT: The position of President of the Society shall rotate among the three Academies as determined by the Council of the Society.

PROPOSED: The position of President of the Society shall rotate among the three Academies and among the disciplinary and linguistic divisions of the Academies as determined by the Council of the Society.

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 9.2.1.1 of the Society be accepted as presented.

CARRIED (10 for, 7 against, 1 abstained)

By-Law 9.3.1

CURRENT: The President, as well as being the titular head, shall be the chief executive officer of the Society, and shall preside at all Council and Executive Committee Meetings of the Society, as well as at all Annual Business Meetings of the Society. The President shall be an ex-officio member of all committees of the Society. The President may appoint a President's Advisory Council of not more than twelve members drawn from public life, for a term not to exceed the term of that President, to advise the President on any matter relating to the Society.

PROPOSED: The President, as well as being the titular head, shall be the chief executive officer of the Society, and shall preside at all Council and Executive Committee Meetings of the Society, as well as at all Annual Business Meetings of the Society. The President shall be an ex-officio member of all committees of the Society. The President may appoint a President's Advisory Council of not more than twelve members drawn from public life, for a term not to exceed the term of that President, to advise the President on any matter relating to the Society. **The Chair of the President's Advisory Council is a member of the Executive Committee.**

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 9.3.1 of the Society be accepted as presented.

CARRIED

By-Law 10.2.4

CURRENT:

PROPOSED: The **Expert Panel Secretary** shall serve for a term of three years renewable for one term. The Expert Panel Secretary shall be a member of Council. The Expert Panel Secretary shall advise the Council of the Society on all matters relating to expert panels, shall report periodically on proposals for expert panels, the administration and the financing of expert panels, and shall submit an annual report to the Council for the Annual Business Meeting of the Society.

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 10.2.4 of the Society be accepted as presented.

CARRIED

By-Law 10.3.5

CURRENT: The Council of the Society shall convene a Committee on Fellowship at least once every five years, beginning in 1981, for the purpose of ensuring that the Divisional structure and the numbers and distribution of new Fellows of the Society by discipline, geography and gender reflect the current state of scholarship in Canada. Such findings shall be reported to the Council of the Society. The Committee shall consist of the Past-President of the Society as Chair and a member from each Academy who has served on the respective Academy's Committee for the Selection of New Fellows, to be appointed by the Council of the respective Academy.

PROPOSED: The Council of the Society shall convene a Committee on Fellowship at least once every five years, beginning in 1981, for the purpose of ensuring that the Divisional structure and numbers and distribution of new Fellows of the Society by discipline, language, geography and gender reflect the current state of scholarship in Canada. The Committee shall inquire into and report on any other matter relating to the Fellowship that is referred to it by the Council. Such findings shall be reported to the Council of the Society.

The Committee shall consist of the Past-President of the society as Chair, a member from each academy who has served on the respective Academy Committee for the Selection of new Fellows, to be appointed by the Council of the respective Academy, and a member at large appointed by the Council of the Society.

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 10.3.5 of the Society be accepted as presented.

CARRIED

By-Law 10.4.1

CURRENT: There shall be an Executive Committee of the Council of the Society which shall consist of the Officers of the Society, namely: the President, the Vice-Presidents, the President-Elect or the Past-President, the Honorary Secretary, the Honorary Treasurer as well as an Institutional Member.

PROPOSED: There shall be an Executive Committee of the Council of the Society which shall consist of the Officers of the Society, namely: the President, the Vice-Presidents, the President-Elect or the Past-President, the Honorary Secretary, the Honorary Treasurer as well as an Institutional Member **and the Chair of the President's Advisory Council.**

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 10.4.1 of the Society be accepted as presented.

CARRIED

By-Law 11.2

CURRENT: There shall be an Honorary Editor and an Associate Editor of the Society, one from each of the official languages, who shall be appointed by the Council of the Society for a term of three years, renewable for one term.

PROPOSED: There shall be an Honorary Editor and two Associate Editors of the Society, one from each of the official languages, who shall be appointed by the Council of the Society for a term of three years, renewable for one term. The Honorary Editor shall be a member of Council.

MOTION (R. Macdonald / D. Smith)

That the proposed amendment to by-law 11.2 of the Society be accepted as presented.

CARRIED

By-Law 11.3

CURRENT: The Honorary Editor shall be responsible to the Council of the Society for all Society publications, including all Academy publications, and shall submit an annual report to the Council for the Annual Business Meeting of the Society.

PROPOSED: The Honorary Editor and the Associate Editors shall be responsible to the Council of the Society for all Society publications, including all Academy publications. The Honorary Editor and Associate Editors are also responsible for the Society web-site, as well as all electronic publications (such as the electronic Newsletter and the semi-annual RSC News). In cooperation with the Honorary Secretary and with the Academy Editors, the Honorary Editor and Associate Editors are responsible for ensuring the publication of obituaries memorializing deceased Fellows. The Honorary Editor shall submit an annual report to the Council for the Annual Business Meeting of the Society.

MOTION (R. Macdonald / M. Nemer)

That the proposed amendment to by-law 11.3 of the Society be accepted as presented.

CARRIED

By-Law 11.5

CURRENT: The Honorary Editor may convene a committee comprised of the Honorary Editor as Chair, the Associate Editor and the three Academy Editors.

PROPOSED: The Honorary Editor may convene a committee comprised of the Honorary Editor as Chair, the Associate Editors and the three Academy Editors.

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 11.5 of the Society be accepted as presented.

CARRIED

By-Law 17.5.1

CURRENT: [Absence of By-Law]

PROPOSED: COMMITTEE ON EXPERT PANELS

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 17.5.1 of the Society be accepted as presented.

CARRIED

By-Law 17.5.1.1

CURRENT: [Absence of By-Law]

PROPOSED: There shall be a Committee on Expert Panels which shall consist of the Expert Panel Secretary of the Society as Chair, a member from each Academy to be appointed by the Council of the respective Academy, and a member at large appointed by the Council of the Society in such a manner that there are always two members of the Academy of Science.”

MOTION (M. Nemer / R. Major)

That the proposed amendment to by-law 17.5.1.1 of the Society be accepted as presented.

CARRIED

By-Law 17.5.1.2

CURRENT: [Absence of By-Law]

PROPOSED: The Committee shall be responsible to the Council of the Society for all matters relating to establishment, administration, and financing of expert panels, including the constitution of the Scientific Advisory Committee on Expert Panels, chaired by the Expert Panel Secretary, and the appointment of its members. Through the Expert Panel Secretary, the Committee on Expert Panels shall submit an Annual Report to the Council for the Annual Business Meeting of the Society.

MOTION (R. Macdonald / D. Wayner)

That the proposed amendment to by-law 17.5.1.2 of the Society be accepted as presented.

CARRIED

By-Law 17.5.2

CURRENT: [Absence of By-Law]

PROPOSED: COMMITTEE ON INTERNATIONAL AFFAIRS

MOTION (R. Macdonald / J. McNeil)

That the proposed amendment to by-law 17.5.2 of the Society be accepted as presented.

CARRIED

By-Law 17.5.2.1

CURRENT: [Absence of By-Law]

PROPOSED: There shall be a Committee on International Affairs which shall consist of the Foreign Secretary of the Society as Chair, a member from each Academy to be appointed by the Council of the respective Academy, and a member at large appointed by the Council of the Society in such a manner that there are always two member from the Academy of Science.

MOTION (M. Nemer / D. Smith)

That the proposed amendment to by-law 17.5.2.1 of the Society be accepted as presented.

DENIED

By-Law 17.5.2.1

CURRENT: [Absence of By-Law]

PROPOSED: There shall be a Committee on International Affairs which shall consist of the Foreign Secretary of the Society as Chair, a member from each Academy to be appointed by the Council of the respective Academy, and a member at large appointed by the Council of the Society.

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 17.5.2.1 of the Society be accepted as presented.

CARRIED

By-Law 17.5.2.2

CURRENT: [Absence of By-Law]

PROPOSED: The Committee shall be responsible to the Council of the Society for all matters relating to international relations and through the Foreign Secretary, shall submit an Annual Report to the Council for the Annual Business Meeting of the Society.

MOTION (R. Macdonald / R. Major)

That the proposed amendment to by-law 17.5.2.2 of the Society be accepted as presented.

CARRIED

8. Report of the President, Academy of Arts and Humanities

The President of the Academy of Arts and Humanities reported that the Academy Committee for the Nomination of Officers met and unanimously endorsed Len Findlay as President-Elect of Academy I. The President of the Academy of Arts and Humanities then briefly reviewed the annual report of the Academy.

MOTION (J. McNeil / S. Embleton)

That the report of the President of the Academy of Arts and Humanities be accepted as presented.

CARRIED

9. Report of the President, Academy of Social Sciences

The President of the Academy of Social Sciences briefly reviewed the annual report of the Academy, noting as well that, from the perspective of Academy II, an enriched RSC News would be preferable to an Academy-specific publication. The President of the Academy of Social Sciences also reported that an objective for 2011 is to increase the visibility of the RSC in Quebec and increase the number of nominations to the Sciences sociales Division.

The President also noted that the Council and AGM of the Academy expressed concern that the ratio of nominations to electable positions in the Social Science Division seemed to be higher than in other Divisions of the Society as a whole, and requested that the Committee on Fellowship be struck to consider this issue.

MOTION (C. Saint-Pierre / D. Smith)

That the report of the President, Academy of Social Sciences be accepted as presented.

CARRIED

10. Report of the President, Academy of Science

The President of the Academy of Science briefly reviewed the annual report of the Academy, noting as well that the Society hosted the meeting of the G-8 + Science Academies in Ottawa in early April as well as the conference and General Assembly of IANAS which was also held in Ottawa in late August.

The President of the Academy of Science also confirmed that the Executive Committee of the Society endorsed a proposal to undertake a formal collaboration with the Science Media Centre.

MOTION (G. Bell / D. Smith)

That the report of the President, Academy of Science be accepted as presented.

CARRIED

11. Adjournment

MOTION (R. Major / D. Wayner)

That the 129th Annual Business Meeting be adjourned at 12 h 40.

CARRIED



130th Annual Business Meeting
11h00 to 12h30
Sunday, November 27, 2011
Room 202, Ottawa Convention Center

130^e Assemblée annuelle
11 h à 12 h 30
Le dimanche 28 novembre 2011
Salle 202, Centre des congrès d'Ottawa

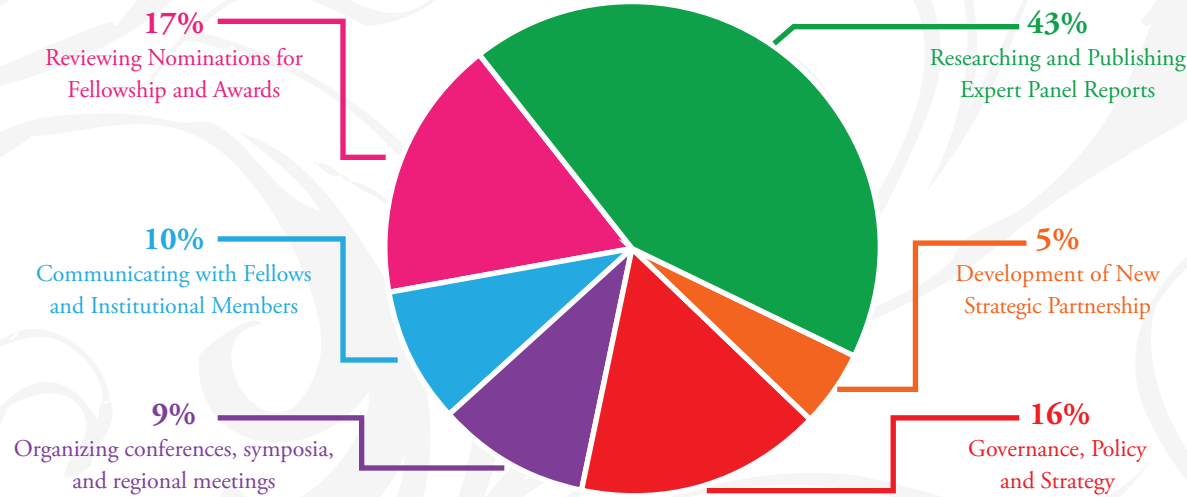
Item # *** No. de l'article	Description (English)	Person Responsible *** Personne responsable	Description (français)
1	Opening	Y.Grisé	Ouverture
2	Approval of the minutes of the 2010 Annual Business Meeting	R. Macdonald	Approbation du procès-verbal de l'assemblée annuelle 2010
3	Report of the President	R. Macdonald	Rapport du président
4	Report of the Honorary Secretary	R. Major	Rapport du secrétaire
5	Report of the Honorary Treasurer	D. Wayner	Rapport du trésorier
6	Amendments to the By-Laws	R. Macdonald	Modifications aux statuts
7	Report of the President, Academy of the Arts and Humanities	P. Imbert	Rapport du président, Académie des arts, des lettres et des sciences humaines
8	Report of the President, Academy Social Sciences	C. Saint-Pierre	Rapport du président, Académie des sciences sociales
9	Report of the President, Academy of Science	G. Bell	Rapport du président, Académie des sciences
10	New Society Officers	Y. Grisé	Nouveaux officiers de la SRC
11	Other Business	Y. Grisé	Autres affaires
11	Adjournment	Y. Grisé	Clôture

This year’s annual dues invoice has been redesigned to provide an overview of the engagement of Fellows in Society activities, an accounting of the finances of the RSC and your own account details. In addition, we have included information about the acquisition of the new “home” of the Society and a five-year projection of our anticipated revenues.

Founded in 1882
“studii eodem diversis nitimur”
“different paths, one vision”
«chemin divers visée commune»

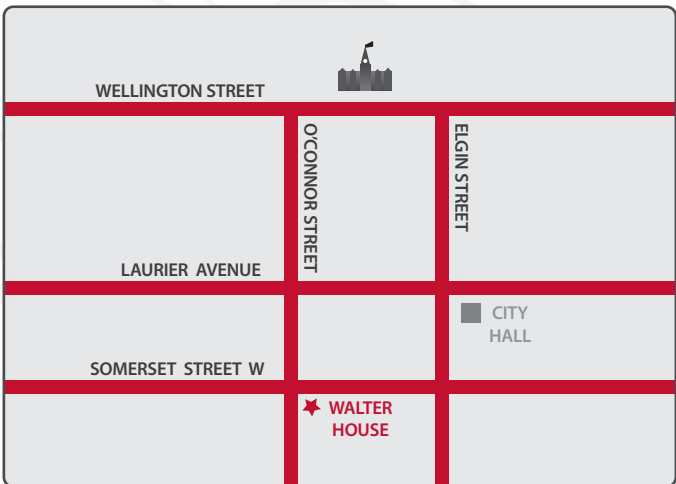
ENGAGING THE FELLOWSHIP

From April 1, 2010 to March 31 2011, over 250 Fellows participated in Society activities. In all, Fellows, colleagues and staff devoted over 31,000 hours to achieving our mission. Here is how their time was invested:



The commitment of such a high percentage of Fellows to Society projects and governance is unprecedented. So is the exceptional amount of time they have invested – an annual average of over 40 hours per active Fellow. This devotion and the consistent annual donations over and above dues payments are what enable the Royal Society of Canada to achieve its core mission and mandate.

THE SOCIETY’S NEW HOME – WALTER HOUSE



This is a photograph of what will be the first permanent home of the Royal Society of Canada, located at 282 Somerset West. The dream of a permanent home has come true thanks to the extraordinary generosity of William Leiss, FRSC, whose pledge of \$500,000 enabled the Society to meet the down payment on “Walter House”, so named in memory of Bill’s mother. The Society has developed a strategy to solicit three special increments of \$250,000 which together will cover 50% of the remaining acquisition costs.

For Walter “House” to become a “Home” for Fellows and to pay off the mortgage, we will need to raise an additional \$500,000. We are counting on Fellows to follow Bill’s example either by making a one-time donation or a modest annual pledge for five years to the Walter House Fund.

ONLINE PAYMENTS

Interac and credit cards (MasterCard, Amex, and Visa) are accepted at www.rsc-src.ca. Select “Pay Membership Dues” under the “Fellows” tab from the left menu.

CHEQUES

Mail to the attention of: “Finance”. Please – no post-dated cheques.

QUESTIONS

Please contact rsfinance@rsc-src.ca or 613 991 9007

Please forward your dues as promptly as possible in order to spare the Society additional administrative costs. If you cannot pay your dues this year please contact us.

Thank you.

Invoice # :

Membership

Balance Forward:

SUBTOTAL:

Walter House: ☐ \$50 ☐ \$100 Other

Expert Panels: ☐ \$50 ☐ \$100 Other

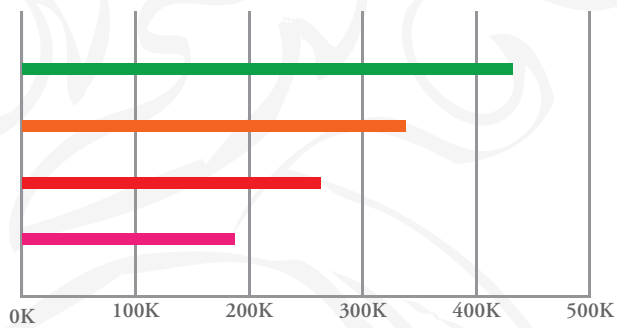
Annual Fund: ☐ \$50 ☐ \$100 Other

TOTAL:

HST NOT APPLICABLE

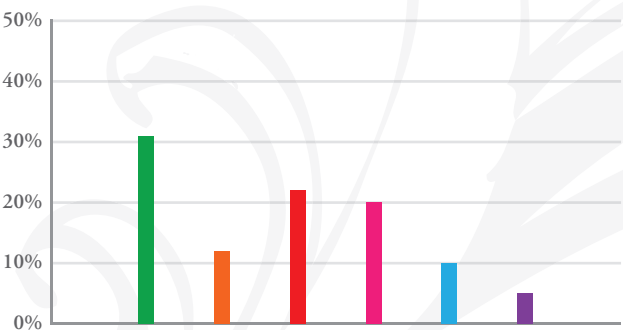
Lifetime membership is available to all Fellows. For further information please contact us.

REVENUE (APRIL 1, 2010 - MARCH 31, 2011)



432K Institutional Members 263K Events & Programmes
388K Membership Dues Fellows 187K Fundraising

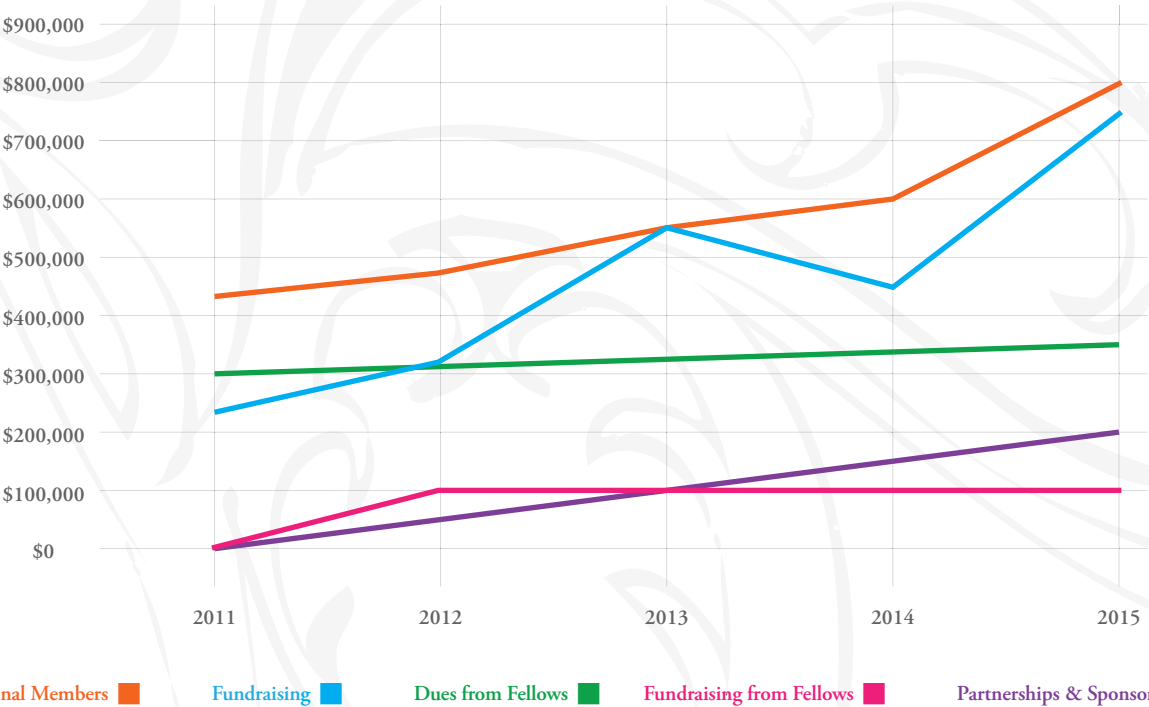
EXPENDITURES (APRIL 1, 2010 - MARCH 31, 2011)



31% Conferences, Symposia, Regional Meetings 20% Communications
12% Nominations 10% Facilities
22% Overheads, Planning 5% Expert Panels

FINANCING OUR FUTURE

- “Financing our Future” will be presented to the Fellowship at the Annual General Meeting in November, 2011. Over the next five years, the Society will expand its revenue in these ways:
- Dues from Fellows and Institutional Members: While revenue from annual dues will increase modestly as the number of Fellows increases and dues rise to meet inflation, the Society plans to have 80 Institutional Members by 2015.
 - Partnerships and Sponsorships: The Society will continue to build partnerships to support programmes and activities, including international collaborations. It will also seek to increase sponsorship for the AGM, the Annual Symposium, scholarships, mentorships, awards and its lecture series.
 - Fundraising: The “Walter House Fund” has been established to support the Society’s permanent home. Additional fundraising activities are foreseen in Toronto in 2011, Vancouver in 2013, and Halifax in 2015.



- DRAFT -
INTERIM COMMUNICATION STRATEGY
FOR RSC's TARGET AUDIENCES
March 2011

Introduction

Optimally a communication strategy for the RSC would flow directly from an overall three- or five-year strategic plan for the Society. For a number of reasons such a plan does not currently exist. In its absence, and recognizing that this is somewhat a case of the tail wagging the dog, staff and volunteers have designed this interim communication strategy. They have used recent discussions with the President and other sources of 'intelligence' to presume the priorities of the RSC that underpin the strategy. It will obviously need revision once a fully-fledged strategic plan is approved for the RSC, hence the use of the word 'interim' communication strategy.

The Need for a Communication Strategy

Every year the RSC releases more than a hundred documents. Some of these are regular publications (e.g. the e-Newsletter, fellow and award winner citations), some are one-off releases or occasional guides (e.g. Final Reports from Expert Assessments, New Fellows' Guide), and others are ongoing communication vehicles or series that require constant feeding and maintenance (e.g. the website, obituaries).

In addition to these hard-copy and electronic communications the RSC also holds regular events (e.g. the annual symposium, the Governor General's Lecture Series) and organizes or facilitates one-off events (e.g. press conferences for Expert Assessments, partnered initiatives) in which a variety of messages are communicated.

The target audience/s of these various communications is/are sometimes obvious, e.g. letters to newly appointed Fellows, thank-you acknowledgements to volunteer committee members or the nominators of Fellows. For a number of communications, however, the target audience is not as clear. Is it internal or external? Is it a primary or a secondary audience for the RSC? Of current interest or future potential?

Even if the target audience is clear for the communication, the objectives that the RSC has for this target audience may not be clear and the general messages that the RSC is emphasizing for that target audience are often not explicit.

This is understandable given that many of the communications have a long history, have accumulated over time and have rarely been subjected to a review for their present-day relevance in serving the needs of fellows or, more generally, the RSC and its current or future stakeholders.

Nevertheless, the absence of a clear communications strategy has the unfortunate consequence of allowing a burgeoning number of demands on the RSC's limited communication resources – new products tend to be added on to existing ones without attention to the effectiveness of the overall effort.

This is an attempt to redress that issue. A single chart (attached) captures the main target audiences of the RSC, the communication objective/s for each, some sample messages that address the objective/s of each audience, and a listing of the principal communication vehicles that the RSC can use for these messages.

Functional Application: How We Will Use the Communication Strategy

Once the interim strategy is considered and revised by the Communications Committee and the RSC Executive it will find use in three substantive ways.

First, all existing communication products will be reviewed against the strategy, i.e. the strategy can be used as an audit tool. Do they address one of the primary or secondary target audiences? If not, should they be discontinued? If they do, does the current product achieve the objective for that target audience as outlined in the strategy? If not, how can the messages be modified to better address the outlined objective (s)? Are there more appropriate communication vehicles for this audience? And so on.

Second, all proposals for new communication products (or proposed revisions of existing products, e.g. the website) should be guided by the strategy. For instance, the plan for an Institutional Members' Guide should carefully reflect the objectives and messages outlined for this target audience as outlined in the strategy.

Third, are there some new communication opportunities or vehicles that would better serve the objectives of particular target audiences as outlined in the strategy? Are they feasible to implement and are they the most appropriate vehicles for the kinds of messages envisaged for this audience? For instance, would personal visits from local and eminent Fellows, equipped with appropriate promotional materials, better meet the objective of recruiting new Institutional Members from potential institutional members?

The strategy is not, however, a static document. For instance, the audit of communication products may reveal target audiences or communication vehicles that, despite being neglected in the strategy, may deserve high priority. After careful consideration some of these may warrant inclusion. If so, then the strategy should be modified to accommodate them. In this way the strategy is subjected to iterative feedback. Its strengths and weaknesses are highlighted by its practical application and this generates ongoing refinement.

Conclusion

A communications strategy will not be useful unless it enables staff to clearly earmark specific communication products as serving the overall needs of the RSC. Hence a consequence of using the interim communications strategy in an active manner to guide the work of the RSC's communications staff should be the elimination of some of the existing products, the revision of others and the introduction of some new ones. This will not be achieved in a few months. Rather, the interim strategy should be seen as a tool that can, over the next one to two years, coordinate all RSC communication activities into a synergistic package where the whole comes to more than the sum of its individual parts.

WEBSITE STRATEGY PROCESS OVERVIEW

Resulting from the adoption of the Society's communication strategy, a website strategy has now been developed. The website strategy closely adheres to the goals and objectives set out in the Society's communication strategy. While it remains important to maintain repeat visits from audiences who are familiar with the RSC's website and what it has to offer, the strategy's overall objective is to provide a framework to assist the Communications Department in increasing the number of new, unique visitors from all target audiences by a realistic and measurable percentage. The changes will be implemented over the coming months.

The process that was undertaken to develop the strategy is as follows.

- (1) Firstly, a reorganization of the existing information and content available on the Society's website. This information was restructured around the Society's principal stakeholders / target audiences i.e. Fellows, Institutional Members, Government, Institutions and Associations, Academics and Researchers, and the Media.
- (2) Secondly, following a brief internal consultation, a series of new website offerings were suggested for each of the Society's target audiences. This is intended to improve the website as a communication tool and to hopefully increase the Society's online service offerings.
- (3) Lastly, metrics will be established to evaluate the success of the initiatives at pre-determined milestones. This information will then be used to develop a plan of action for website development in order to meet the overall objective of the strategy.

A couple of website objectives from the strategy, along with their associated strategies and tactics are included below.

To keep Fellows informed about RSC activities

- Feature a comprehensive events page that lists all upcoming events, provides key event details with a call to action to register
 - Promote events and provide all necessary information and registration options. Ensure that registration is simple and efficient so that Fellows will choose to register online for future events
 - Increase Fellows' registration in events by xx% by 2012

To differentiate the RSC from other non-partisan sources of credible expert advice

- Promote the RSC as a leader amongst other (and much larger) National Academies
 - Provide case studies and research to directly support the RSC's claim to be a leader in the academic world
 - See an increase in the references to RSC reports on a National scale by xx% in one year
 - See an increase in references to RSC reports on an International scale by xx% in one year

READER FRIENDLY WRITING - 1:3:25

The Royal Society of Canada is increasingly recognized for its Expert Assessments. These address pressing policy issues in a non-partisan fashion with the extensive knowledge of our Fellows, their colleagues and international collaborators. The audience for these reports, unlike much of the work done by our Fellows, is not principally the academic world. Rather the objective is to garner the attention of governments, stakeholders, the media and interested members of the public. As such the structure and tone of your report needs to reflect this objective with a different style of writing.

1:3:25

Every report prepared for the RSC can profit from adopting the principles of what has become known as the 1:3:25 style of report-writing. This was developed more than a decade ago by the Canadian Health Services Research Foundation specifically for communicating academic material to non-academic audiences: start with one page of main messages; follow that with a three-page executive summary; then present your findings in no more than 25 pages of writing, in language a bright, educated, but not research-trained person would understand.

Main Messages

The one in the Foundation's 1:3:25 rule is one page of main message bullets. They are the heart of your report, the lessons decision makers and others can take from your research. Don't confuse them with a summary of findings: you have to go one step further and tell your audience what you think the findings mean for them. The messages, per se, may not even appear in the text. They are what can be inferred from your report. This is your chance, based on your research, to tell decision makers what implications your work has for theirs.

How to formulate them? Set aside your text and focus on expressing clear conclusions based on what you've learned. Consider your audience - who are they, and what do they most need to know about what you've learned? Summon up that bright, educated reader and answer this question for him or her: So what does this really mean? Say your report is on environmental impact assessments. You've found a tendency to focus on only hard and measurable impacts such as habitat loss or toxic chemical outflows. That's the problem. The actual main message you write may be that the measurement of traditional impacts is well developed and now it's time to develop measurements for less traditional impacts such as psychological disruptions or community pride. A report on the appropriate use of homecare might show that hip-implant patients regain mobility faster out of hospital than as inpatients. The key message would be to encourage early discharge from hospital. Spell it out. Your report on the 'brain drain' has found

that job security is the biggest factor driving Canada's brightest to work in the U.S. Your main message might be that governments should make 10-year commitments to funding levels for star candidates in entry-level university posts.

Writing main messages can be difficult for academics, trained as they are to be detached and to collect evidence, rather than judge it, but it has to be done if expert assessments based on research are to be of real use to those who make policy decisions. And remember - if you don't do it, you're leaving your work to be interpreted by someone else, who won't likely have your insight. This is not to say that you have to come up with definitive recommendations from assessments that just don't offer them. Be as concrete as you can and then, if you're really not ready to draw more conclusions, don't just fall back on "more research is needed." Use your main messages to define the questions that still need to be asked.

Executive Summary

The three in 1:3:25 is the executive summary. These are your findings condensed to serve the needs of the busy decision maker, who wants to know quickly whether the report will be useful, or busy reporter, who wants to know whether it's newsworthy. Start by outlining what issues you were looking at, using language and examples someone working in the area, such as a ministry official, will understand; sum up the answers you found. An executive summary is not an academic abstract; it's much more like a newspaper story, where the most interesting stuff goes at the top, followed by the background and context and less important information further down. This is not the place for more than a line or two about your approach, methods and other technical details. Concentrate on getting the essence of your assessment across succinctly but not cryptically.

The Report

For optimal length the full assessment should not exceed 25 pages (double-spaced with 12-point type and 2.5 cm margins). This may be a length you're more comfortable with, but don't lapse into academic style just because you have more room. Don't hesitate to use anecdotes or stories to get your point across. To make sure your writing suits the busy decision maker, intelligent and interested, but not an academic, take the time to show it to knowledgeable ministry officials or stakeholders you can trust. What do they find most useful and interesting? How do they find your language and style? As a guide, here are seven categories to cover in the report, *in the order given*:

Context: outline the policy issues or problems addressed by the assessment. State clearly the questions covered. Highlight earlier research and reports and justify the additional contribution this assessment makes. Anecdotes can work well here.

Implications: State what your findings mean for decision makers. Note what different types of audiences may be interested in your work, and if there are different messages for those different

audiences, separate and label them. Notes on how broadly the information can be generalized should go here. This is where the essence of your key messages is found.

Approach: Outline your approach to the assessment, e.g. the sources of data and details on who was consulted or surveyed, original research that was conducted and any analytic frameworks adopted. Describe how you worked as panel to produce the assessment. Highly technical material can, indeed should, be an appendix; here you should focus on explaining why these details matter, how they might affect the final outcome and conclusions of the assessment and why you chose one approach over another.

Outcomes: Summarize the results of your work to show how they support the conclusions and implications you have presented, highlighting themes and messages. Use graphs and tables if they will improve understanding. Results that don't relate directly to the conclusions should be moved to an appendix. This section will likely be the lion's share of your 25 pages.

Additional Resources: Not for other academics - although they may find it useful - this is the place to give information on the top few best publications, web sites and other useful sources of information for those who want to follow-up on the assessment themselves. This is the 'best of the best' in additional materials made available for the really interested reader.

Further Research: Outline the gaps in knowledge you found and frame the questions that need answers to reduce current areas of uncertainty or contention. Focus particularly on research that might help resolve any pressing policy issues you were unable to address.

References and Bibliography: References in the report should use consecutive superscript numbering and be presented as endnotes, not in the body of the text or at the foot of the page. This minimizes any disruption in the flow of the text for the reader. It might also be useful if the bibliography highlights those items that the panel found most useful in coming to its conclusions.

Writing an assessment report to garner the attention of governments, stakeholders, the media and interested members of the public is not the same as writing an article for an academic journal. It has a different objective, and it takes a different approach.



RSC SRC

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The Academies of Arts,
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du Canada

FALL 2011



RSC NEWS

PROMOTE | RECOGNIZE | ADVISE

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THE ROYAL SOCIETY OF CANADA

GUIDE FOR NEW FELLOWS



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du Canada

PROGRAMME

Annual Symposium:

Literacy and Citizenship in the 21st Century

Exhibition Room A - Library and Archives Canada
Ottawa, Ontario
Friday, October 14, 2011



This symposium has been made possible with the support of the following organizations:



Social Sciences and Humanities
Research Council of Canada

Conseil de recherches en
sciences humaines du Canada





VOLUME: 1 — ISSUE: 2

In This Issue

1. Note from the Editor
2. President's Message
3. The International Year of Chemistry 2011
4. How Cells Detect and Repair Damage to their DNA
5. Vacant Positions in the Academy of Science



Note from the Editor



In this second issue of the Bulletin of the Academy of Science, the President of the Academy, Professor Graham Bell, reports on the Expert Panels, the InterAmerican Network of Academies of Sciences (IANAS), participation in the G8+ meeting of Academies of Science and new initiatives of the Royal Society of Canada (RSC) and the Academy of Science. Professor Robert Morris provides an account of the International Year of Chemistry 2011 Celebrations in Canada. Continuing our endeavour to present the work of newly elected Fellows, this issue includes a contribution from Dr. Susan Lees-Miller, a member of the Division of Life Sciences. Her work is important for understanding immune-deficiency diseases, and has great potential for new treatments of cancer. A new feature in this issue is the listing of vacant positions. The Mathematical and Physical Sciences Division has a number of positions open for which nominations are sought.

In conclusion, I emphasize that we really would like to have your comments on the Bulletin and suggestions for future issues. You may send them to the Communications Department of the Secretariat at communications@rsc-src.ca, or directly to me at betty.roots@utoronto.ca.

Professor Betty Roots, FRSC, Honorary Editor

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THE ROYAL SOCIETY OF CANADA

PREPARING A NOMINATION



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THE NEXT 130 YEARS

Fellows in Support of the Vision





INTERNATIONAL ACTIVITIES OVERVIEW

NAME OF PROGRAMME	WOMEN IN SCIENCE, ENGINEERING AND TECHNOLOGY (WISET) EXCHANGE LECTURESHIP PROGRAM
Organizations involved	The Royal Society of Canada & The Science Council of Japan
Established	2005
Date/timing	Spring / Fall
Frequency	4 visits annually (2 each way). 2 lecturers travel to Canada and 2 lecturers to Japan travel each year.
Programme Objective(s)	This programme aims to raise the international profile of women in SET, to encourage mentoring and the development of role models, to promote SET as an educational option to girls and young women, and to increase public awareness of advances in SET made by women scientists and engineers.
Source of funding	Grant from NSERC ¹ .
Current financial situation of programme	Investigations on funding from NSERC are underway re: monies due. If no further instalments are expected, new applications for funding will have to be submitted.
Administrative implications	1 Events Officer / Assistant for 1 month, per visiting lecturer to Canada. 1 Events Officer for 4 days, per visiting lecturer to Japan.
Current status of programme	On hold ²³⁴

¹ See annex 1

² See annex 2

³ See annex 3

⁴ See annex 4

NAME OF PROGRAMME	WOMEN IN SCIENCE, ENGINEERING AND TECHNOLOGY (WISET) EXCHANGE LECTURESHIP PROGRAM
Organizations involved	The Royal Society of Canada & The Royal Society (UK)
Established	2004
Date/timing	Spring / Fall
Frequency	2 visits annually (1 each way), on alternate years in Canada and the United Kingdom.
Programme Objective(s)	This programme aims to raise the international profile of women in SET, to encourage mentoring and the development of role models, to promote SET as an educational option to girls and young women, and to increase public awareness of advances in SET made by women scientists and engineers.
Source of funding	Grants from CIHR ⁵ .
Current financial situation of programme	Currently this account holds \$20,000 - this money was received prior to March 31, 2008. The source of funding is unknown.
Administrative implications	<i>Hosting:</i> 1 Events Officer / Assistant for 1 month, per visiting lecturer to Canada. <i>Attending:</i> 1 Events Officer for 4 days, per visiting lecture to the United Kingdom.
Current status of programme	Discontinued ⁶⁷

⁵ See annex 5

⁶ See annex 6

⁷ See annex 7

NAME OF PROGRAMME	RUTHERFORD LECTURE SERIES
Organizations involved	The Royal Society of Canada & The Royal Society (UK)
Established	1982
Date/timing	Fall/Winter
Frequency	1 visit annually, 1 lecturer each way, on alternate years.
Programme Objective(s)	In 1982 Sir Andrew Huxley, President of the Royal Society (RS), offered as a centennial gift to the Royal Society of Canada (RSC) that one of our leading scientists visit the UK for up to four weeks during the course of which he (she) would lecture at a number of places. It was intended that we would select a leader in a field of science which is especially strong in Canada; and that the selected person would suggest to the RS a program of visits to places in the UK where he (she) could transmit the latest state of knowledge in her/her field and have profitable discussions with British colleagues. This then developed into an exchange programme.
Source of funding	This lecture series shares the monies from the Rutherford Memorial Medal (formerly the Rutherford Scholarship). The monies were a result of a call for donations to this fund.
Current financial situation of programme	Due to restricted finances this programme is currently under review. Currently there are no funds available.
Administrative implications	<i>Hosting:</i> 1 Assistant Events Officer for 1 month, per visiting lecturer to Canada. <i>Attending:</i> 1 Assistant Events Officer for 4 days, per visiting lecture to United Kingdom.
Current status of programme	This programme is currently on hold. It is being evaluated at the request of the RS. ⁸⁹

NAME OF PROGRAMME	RSC – UKRAINE EXCHANGE
Organizations involved	The Royal Society of Canada & Ukrainian Academy of Sciences
Established	1992
Date/timing	Spring, Fall
Frequency	Annually on alternate years in Canada and the Ukraine.
Programme Objective(s)	To endow a programme in which a Canadian and foreign distinguished scholar are sent on alternate years to visit each other's countries on a speaking tour.
Source of funding	In 1994-1995, a major donation of \$20,000 was made by the Ukraine Canadian Foundation of Taras Shevchenko. Subsequently we received donations from Fellows, non-Fellows and NGOs.
Current financial situation of programme:	Currently this account holds \$59,515.05. The source of funding is based on donations.
Administrative implications:	<i>Hosting:</i> 1 Assistant Events Officer for 1 month, per week of visiting lecturer to Canada. <i>Attending:</i> 1 Assistant Events Officer for 4 days, per week of visiting lecture to Ukraine.
Current status of programme:	In 2004 this programme was cancelled and later reinvigorated ¹⁰¹¹ . The last lecture under this exchange was by Dr. David Lockwood, FRSC in 2007 to the Ukraine.

⁸ See annex 8

⁹ See annex 9

NAME OF PROGRAMME	MEETING OF THE G8+ ACADEMIES
Organizations involved	Academies of the G8 countries, organized by the academy of the host G8 country as determined by the rotational G8 meetings cycle.
Established	2005 by the RS (UK)
Date/timing	Spring
Frequency	<i>Attending:</i> Annually <i>Hosting:</i> Every 8 years rotated amongst the G8 countries
Programme Objective(s)	<i>Attending meetings:</i> To create 2 statements on the topics which will be discussed during the G8 meetings. These statements are submitted to the host government for consideration during their discussions at the G8 meetings. <i>Hosting meetings:</i> To coordinate a two day meeting, along with cultural events. Part of coordination includes hotel reservations, transportation, catering, etc. To create 2 statements on the topics which will be discussed during the G8 meetings. These statements are submitted to the host government for consideration during their discussions at the G8 meetings.
Source of funding	There is no funding source for this programme. Because the statements are meant to be unbiased it may be inappropriate to approach government organizations or private companies for funding.
Current financial situation of programme	When the RSC last hosted the G8+ meetings (April 2010) the total expenditures were \$ 43,000. Total Deficit: - \$48,225.75 (Since FY08)
Administrative implications	<i>Attending meetings:</i> 1 events staff member liaising with the host academy and the RSC representatives for 1.5 months (does not include liaising re. statement content) <i>Hosting meetings</i> ¹² : 1 senior events staff member completely dedicated to event logistics for 5 months. 1 events staff member completely dedicated to being the delegate liaison for 3 months. 1 events staff member to assist the delegate liaison during the event.
Current status of programme	2 delegates (President of the Academy of Science, Foreign Secretary) participated in the 2011 Meetings of the Academies of Science in Paris, France. The Royal Society of Canada is scheduled to host the G8+ Academies of Science Meetings in 2018.

¹⁰ See annex 10

¹¹ See annex 11

¹² When the RSC hosted the G8 Academies of Sciences meeting we had delegates from 15 countries, with approximately 2 delegates per country.

NAME OF PROGRAMME	INTERAMERICAN NETWORK OF ACADEMIES OF SCIENCE (IANAS)
Organizations involved	Academies from 14 countries from North America, South America, Central America, and the Caribbean.
Established	2007
Date/timing	Throughout the year
Frequency	Each of the programmes (Water, Science Education) and initiatives (Women for Science, Energy) sets their own schedule; usually we expect 2 meetings from each of the 4 working groups annually. The Executive Committee also holds a minimum of 2 meetings a year. A General Assembly and Conference are held every 3 years.
Programme Objective(s)	IANAS is a regional network of Academies of Sciences (15 in total) created to support cooperation towards the strengthening of science and technology as a tool for advancing research and development, prosperity and equity in the Americas. Founded in the spirit of IAP in May 2004, the main objectives of the network are: 1. to assist in the building of national scientific capacities by strengthening science and technology relationships among the countries of the Americas, as a tool for societal development; 2. to cooperate in building capacities of the Academies of the region, through exchange of information and experience; 3. to aid in the creation of new Academies in those countries of the Americas desiring assistance in the establishment of a Science Academy; and 4. to influence the scientific decision-making processes in the Americas, with the goal of promoting prosperity and equity in the hemisphere. Linking and strengthening the scientific community in the hemisphere, IANAS believes it may play a major role in contributing to the promotion of scientific capacity and excellence for sustainable development in the Americas.
Source of funding	There is no funding source for this programme.
Current financial situation of programme	Funding needs to be secured. The RSC approached IDRC for funding of the IANAS Conference and General Assembly held in August 2010. We received \$15,000. When the RSC last hosted the IANAS Conference and General Assembly (August 2010) the total expenditures were \$47,468.04. Total Deficit: - \$78,063.05 (since FY08)
Administrative implications	<i>Attending:</i> One Events Officer for 4.5 days per meeting. <i>Hosting</i> ¹³¹⁴ : 1 senior events staff member completely dedicated to event logistics for 5 months. 1 events staff member completely dedicated to being the delegate liaison for 3 months. 1 events staff member to assist the delegate liaison during the event.
Current status of programme	The IANAS dossier is fully active.

¹³ When the RSC hosted the Conference and General Assembly of IANAS, we had delegates from 17 countries, with approximately 2 delegates per country.

¹⁴ Hosting duties are determined on a volunteer basis.

NAME OF PROGRAMME	WORLD ECONOMIC FORUM - YOUNG LEADERS IN SCIENCE TECHNOLOGY AND INNOVATION CONFERENCE
Organizations involved	All members of iap: the global network of science academies
Established	2007
Date/timing	Fall
Frequency	Held annually in September during the World Economic Forum.
Programme Objective(s)	The World Economic Forum an independent international organization committed to improving the state of the world by engaging business, political, academic and other leaders of society to shape global, regional and industry agendas. The Annual Meeting of the New Champions, the “Summer Davos”, is the foremost global business gathering in Asia. Introduced in 2007 in close collaboration with the People’s Republic of China and with the personal support of Premier Wen Jiabao, last year’s Meeting in Tianjin convened 1,300 participants, including over 400 CEOs from Forum Partner and Member companies together with up-and-coming leaders from business, politics, science and technology from 80 countries. In 2011, we expect even stronger participation with over 1,500 participants.
Source of funding	All expenses have been absorbed by the general fund of the Society. Lectures have also been asked to secure their own funding via their Institutional Members.
Current financial situation of programme	There is no funding for the expenses resulting from this programme. Total Deficit: - \$13,992.53 (Since FY08)
Administrative implications	1 Events Officer for 1 week, for 3 lecturers visiting the forum.
Current status of programme	A call for nominations will be issued in February via the RSC E-News. The deadline for nominations was April 19, 2011. The Society nominated 4 candidates; IAP has yet to communicate who the successful ones are.

NAME OF PROGRAMME	INTERNATIONAL CONFERENCE FOR YOUNG SCIENTISTS & THE INAUGURAL GENERAL ASSEMBLY OF THE GLOBAL YOUNG ACADEMY
Organizations involved	Global Young Academy (GYA)
Established	2010
Date/timing	March 2011
Frequency	TBD
Programme Objective(s)	The Global Young Academy aims to empower and mobilize young scientists to address issues of particular importance to early career scientists. Current working groups focus on improving Early Scientific Careers, Science-Society Dialog, Science-Education, and Interdisciplinary Research.
Source of funding	There is no funding source for this programme.
Current financial situation of programme	No monies have been spent towards this programme.
Administrative implications	N/A
Current status of programme	The RSC has been invited to participate in the first International Conference for Young Scientists & the Inaugural General Assembly of the Global Young Academy (GYA). This event will be held on March 21, 2011 at German Institute for Economic Research in Berlin, Germany. There is a possibility of the GYA hosting a conference in Canada in 2012. The RSC has been asked for support and has agreed to provide moral support to this initiative.

NAME OF PROGRAMME	UNION ACADÉMIQUE INTERNATIONALE
Organizations involved	National academies from more than 60 countries and several international academies. There are three kinds of membership in UAI. Academies that have a national nature, and comparable national learned institutions, can be recognized and qualified for membership. Academies and national learned institutions as described in Article 4 may alternatively be recognized as Associate Members. The status of Affiliated Member may be accorded to scientific institutions and research institutes that have an international, a national or a regional character and that express the wish to cooperate in projects of the UAI or which suggest projects to its direction or to its patronage.
Established	1919
Date/timing	TBD
Frequency	TBD
Programme Objective(s)	1. Encouraging cooperation between national Academies (and comparable institutions) whose activities are mainly or partly concerned with the field of human and social sciences. This cooperation is achieved by leading projects of high scholarly and intellectual standard and by coordinating interdisciplinary and joint activities, conceived in full partnership, over the long and medium-term. These should result in the production of fundamental reference tools that enhance the knowledge and advance fundamental research, for the benefit of both the people involved in the research (scholars, experts, researchers,...) and the general public; 2. Safeguarding and promoting of the human and social sciences, at the level of both national and international academies; 3. Developing solid support for every national academy and its members, provided people are convinced of the rightfulness and the advantages of this solidarity and international cooperation.
Source of funding	There is no funding source for this programme.
Current financial situation of programme	€ 1,093 (Membership Dues 2011)
Administrative implications	N/A
Current status of programme	Eva Kusher, RSC representative at the UAI meetings for many years, has informed the Society that she will no longer be able to participate in this project. A designate should be identified.

NAME OF PROGRAMME	THE INTERNATIONAL HUMAN RIGHTS NETWORK OF ACADEMIES AND SCHOLARLY SOCIETIES
Organizations involved	National academies and scholarly societies that have human rights committees and actively support the work of the H.R. Network are considered to be members. They intervene on cases and issues brought to their attention by the H.R. Network's secretariat. Because academies and scholarly societies are held in high esteem, their efforts, through a worldwide network, is a powerful and effective tool in advancing respect for human rights.
Established	1993
Date/timing	TBD
Frequency	Meets biennially since its founding. Each meeting is hosted by a different national academy or scholarly society.
Programme Objective(s)	Assists scientists, scholars, engineers, and health professionals around the world who are subjected to severe repression solely for having non-violently exercised their rights as promulgated by the Universal Declaration of Human Rights (UDHR). It also promotes human rights consciousness-raising and institutional commitment to human rights work among national academies and scholarly societies worldwide.
Source of funding	There is no funding source for this programme.
Current financial situation of programme	
Administrative implications	N/A
Current status of programme	The next meeting is scheduled for 2012 at Academia Sinica, Taipei, Taiwan

NAME OF PROGRAMME	CANADIAN-SOUTH AFRICAN DIALOGUE ON THE HUMANITIES
Organizations involved	Academy of Science of South Africa(ASSAF) and the RSC
Established	2010
Date/timing	TBD
Frequency	
Programme Objective(s)	The key objective of the Academy is to promote and apply scientific thinking in the service of society. To this end, the Academy shall: • Use the common ground of scientific knowledge and activity to remove barriers between people and obstacles to full development of their intellectual capacity; • Endeavour in every possible way to inspire, promote and recognise excellence in scientific and technical practice; • Investigate and publicly report on various matters, in its own discretion or at the request of government or organisations in civil society, in order to promote and apply scientific thinking in the service of society; • Promote science education and a culture of science in the population at large; • Maintain strict independence while consulting other organisations and individuals in the widest manner possible; • Endeavour to establish and develop close relations with scientific organisations in South Africa and with similar academies in other countries; and • Take any other action that it may consider necessary towards the attainment of its key objective.
Source of funding	\$15,000 awarded by the Social Sciences and Humanities Research Council, towards the participation of 6 Canadian researchers at the South African Conference on Humanities in South Africa and Canada. ¹⁵
Current financial situation of programme	
Administrative implications	<i>Attending meetings:</i> 1 Senior events staff member for 1 week, to develop post-event report. 1 events staff member liaising with the host academy and the RSC representatives for 1.5 months
Current status of programme	Proposal by Ted Chamberlain submitted to the international committee for consideration ¹⁶

¹⁵ See annex 15

¹⁶ See annex 16