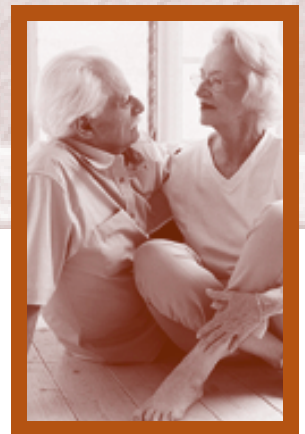




ANNUAL REPORT OF ACTIVITIES 2002•2003



Institute of Aging



CIHR IRSC

Canadian Institutes of Health Research / Instituts de recherche en santé du Canada




IA IV
Institute of Aging / Institut du vieillissement



Canada



Canadian Institutes of Health Research / Instituts de recherche en santé du Canada



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Institute of Aging

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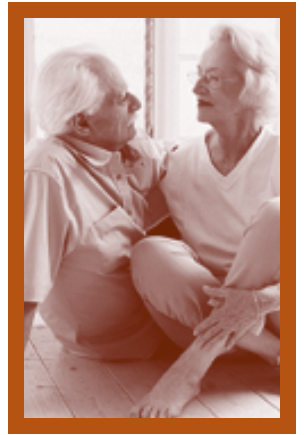
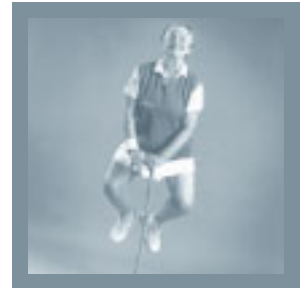




Table of Contents

Message from Réjean Hébert, Scientific Director	5
Outstanding Research	7
Excellent Researchers in a Robust Research Environment	11
Partnerships and Public Engagement	15
Translation and Use of Knowledge	19
Organisation Excellence	21
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Appendix A	
The Institute of Aging Organisational Chart	25
Appendix B	
The Institute of Aging Advisory Board	26
Financial Statements	27



Message from Dr. Réjean Hébert Scientific Director



The Institute of Aging was able to truly implement its action plan in its second year of operation. The Institute fostered development of capacity for research on aging in Canada by completing the establishment of the New Emerging Teams and Strategic Training Programs. It now funds a total of eighteen teams that will provide not only a training environment for the new generation of researchers, but also an incubator for the establishment of new researchers in aging. Again this year, the Institute made additional awards for doctoral and postdoctoral studies, as well as for new investigators and established investigators. This additional funding considerably improved the success rate of applications to these programs in the field of aging.

Several actions aimed at increasing the number of funded studies in aging began to bear fruit. The creation of the two peer review committees on aging, the launch of the Pilot Project Grants Program and the funding of additional projects under the regular grant competition (Priority announcements) have already had a significant impact. The number of grant applications in aging doubled and the success rate rose from 15% to nearly 30%, even exceeding the average success rate for the Canadian Institutes of Health Research as a whole. This remarkable step forward bespeaks a new impetus in research on aging in Canada.

The Institute of Aging continued to work on the establishment of the Canadian Longitudinal Study on Aging. In addition to supporting development of the protocol for the study, the Institute interested many partners in this project, which has become one of the major strategic initiatives of the Canadian Institutes of Health Research. There were also significant partnership efforts in connection with the National Research Strategy on Cognitive Impairment in Aging. This partnership was formally instituted and a number of initiatives were launched and are being prepared in this important area.

The Institute was also active in the area of policy, making a submission to the Commission on the Future of Health Care in Canada. Some of the directions proposed by the Commission reflected the Institute's recommendations, and we hope that the federal and provincial governments will follow up on them. In order to involve seniors in the establishment of research priorities and the evaluation of research projects, the Institute, in collaboration with its partners, is organizing the National Seniors' Forum on Research, which will bring together, in May 2003, some sixty representatives of federal and provincial seniors' organizations.

The Institute's staff and the Institute Advisory Board spared no effort in taking the steps necessary for the implementation of the Institute's strategic directions. In the coming year, we will be able to take stock of the action plan's results. We will again consult the partners and the scientific community to elicit their opinion of the Institute's actions and define the future strategic priorities and directions. This will enable us to define a second strategic plan for continuing to ensure development of research on aging in Canada and its translation into better products, services, programs and policies for improving seniors' health and quality of life.



Réjean Hébert



Outstanding research

The Institute of Aging supports research to promote healthy aging and to address causes, prevention, screening, diagnosis, treatment, support systems and palliation for a wide range of conditions associated with aging.

Pilot projects

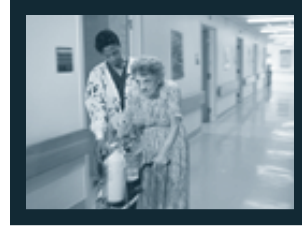
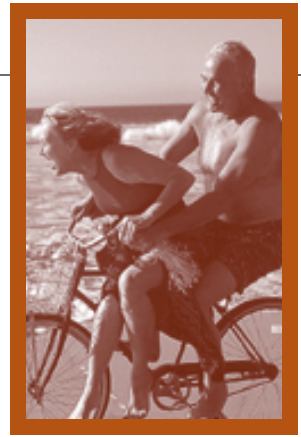
In 2002, the Institute of Aging launched a first request for applications for pilot project grants in aging. This initiative is aimed at supporting innovative ideas and projects targeting the Institute of Aging's research priorities and at strengthening and increasing research capacity in relation to those priorities. The scientific community responded very favourably, and more than forty applications were reviewed by the two new peer review committees in aging. At the end of the competition, fifteen pilot projects (maximum of \$50,000, duration of one year) were accepted for funding by the Institute of Aging. In light of this success, the Institute decided to launch a second competition in June 2003.

Priority Announcements: Operating Grants

In the fall of 2002, the Institute of Aging launched the Priority Announcements to support research in priority areas in aging. The Priority Announcements enable the Institute to fund grant applications that reflect its research priorities and are highly ranked by the peer review committees, but that have not been funded through the CIHR Operating Grants Open Competition. For the fall 2002 competition, five additional research projects were funded by the Institute of Aging, for a total of nearly one million dollars over four years. Through this program, the success rate of applications in aging was increased from 20% to 27% for the fall 2002 competition.

Pilot Projects | September 2002 Competition

RESEARCHER(S)	PROJECT	INSTITUTION
ARGUIN, Martin FIMBEL, Éric	The effect of aging on the variability and controllability of voluntary motor and physiological signals for prosthetic control	Institut universitaire de gériatrie de Montréal
BEDARD, Marc-André	Neuropsychological and neurochemical studies of cognitive fluctuations in Lewy body dementia	Université du Québec à Montréal
BENAZON, Nili R	Evaluation of the quality of care for depression in cardiac patients	Sunnybrook and Women's College / Health Sciences Centre
BOULIANNE, Gabrielle L	Identification and characterization of genes regulating aging/lifespan in drosophila	Hospital for Sick Children
BRAZIL, Kevin	Improving care of the dying in long term care: a framework for change	McMaster University
CAMPBELL, Kenneth B	K-complex evidence of the failure to inhibit irrelevant information processing during sleep in the elderly	University of Ottawa
CARDIN, Sylvie	Early return of seniors to the emergency room: inter-organisational variation and risk factors	Centre hospitalier de l'Université de Montréal
CRANNEY, Ann B	Feasibility of a strategy to promote the implementation of the use of an osteoporosis decision aid	Queen's University
DEMERS, Louise	Effectiveness of geriatric rehabilitation in hospital: a pilot study to determine assessment tools	Institut universitaire de gériatrie de Montréal
FERBEYRE, Gerardo	The role of PML in abrogating mRNA export of growth promoting genes during cellular senescence and interferon signaling	Université de Montréal
JAGLAL, Susan B	An interdisciplinary model for Improving management of osteoporosis and fractures in the community: a pilot study	University of Toronto
LOEB, Mark B	A randomized controlled trial of a positioning strategy to prevent aspiration pneumonia in residents of long-term care facilities	McMaster University
MENEC, Verena H	Activity and successful aging among the oldest-old: a pilot study	University of Manitoba
RIABOWOL, Karl T	Regulation of gene expression by ING proteins	University of Calgary
TARNOPOLSKY, Mark A	The potential for muscle satellite cells to reduce mitochondrial dysfunction associated with aging	McMaster University



Priority Announcements | Operating Grants

RESEARCHER	PROJECT	INSTITUTION
FERLAND, Guylaine	Vitamin K action in brain during growth and aging: Mechanism of action and modulation by diet	Institut universitaire de g�riatrie de Montr�al
F�L�P, Tam�s	Study of lipid rafts and signal transduction in T lymphocyte sub-populations associated with aging	Sherbrooke Geriatric University Institute
KHALIL, Abdelouahed	Studies of mechanisms responsible for the decreased HDL antioxidant activity associated with aging	Universit� de Sherbrooke
MAXWELL, Colleen J	The impact of neurocognitive and psychological factors on quality of life and functional recovery among older patients undergoing coronary revascularization procedures	University of Calgary
SHATENSTEIN, Bryna	Natural progression of undernutrition in elderly persons in the early stages of Alzheimer's dementia	Institut universitaire de g�riatrie de Montr�al

Canadian Longitudinal Study on Aging

The Canadian Longitudinal Study on Aging (CLSA) is now part of the Canadian Lifelong Health Initiative. This initiative, which brings together the Institute of Aging and three other CIHR institutes, will make it possible to conduct two major multicentre longitudinal studies in Canada. These studies are aimed at understanding the roles and interactions of the various genetic and environmental conditions influencing health over the course of people's lives, the multifactorial causes and evolution of common diseases, and the determinants of health care services use over the life course.

Following the establishment of the CLSA framework and the launch of a request for proposals in 2001, a team led by three principal investigators was selected in October 2002, subsequent to review by an international peer review committee.

From left to right : Alan Bernstein, Susan Kirkland, Sharon Carstairs, Christina Wolfson, R jean H bert, Parminder Raina, Patricia Raymaker, and Barry McPherson



The three investigators heading up a research team of more than two hundred collaborators across Canada are Susan Kirkland of Dalhousie University, Parminder Raina of McMaster University and Christina Wolfson of McGill University. Nearly \$400,000 was allocated for development of the CLSA protocol, to be completed by the end of 2003.

At the same time, the national CLSA Steering Committee was established with the mandate to oversee the study's proper development. The Steering Committee will also be mandated to develop the CLSA governance model and put in place a funding plan for the duration of the study. This committee is made up of representatives of Health Canada, Statistics Canada, Human Resources Development Canada, the Canadian Association on Gerontology, the Canadian Institute for Health Information, other CIHR institutes and private industry.

Workshop funding

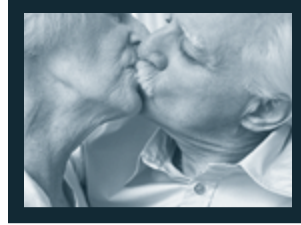
During the year, the Institute funded several national workshops aimed at defining the strategic directions for research on aging in Canada. Among these conferences were the Mobility Consensus Conference held in Toronto in October 2002, the Workshop on Support for Caregivers of People with Alzheimer's Disease and Other

Dementias held in December 2002 and the Consensus Workshop on Geriatric Rehabilitation held in Ottawa in early 2003. The purpose of these workshops was to determine the needs in these areas, develop a research agenda and define the major research directions.

The Institute of Aging also funded provincial workshops aimed at defining research directions in targeted fields on which the Institute places high priority.



*Mobility Consensus Conference
Toronto, October 2002*



Excellent researchers in a robust research environment

The Institute of Aging is working to become the leader in the field of aging in Canada for researchers in the four types of health research: biomedical research, clinical research, research on health systems and health services, and research on population health, including cultural and social dimensions of health and environmental influences on health.

New Emerging Teams

For a second consecutive year, the Institute of Aging offered the New Emerging Team Grant Program. This program is aimed at strengthening research capacity in the field of aging and providing researchers with initial funding that will enable them to submit further applications. After allocating nearly seven million dollars over five years for six teams in the first competition in 2001, the Institute and its partners will be funding five new teams

in the field of aging, for a total of more than six million dollars over five years. The funded projects cover all the Institute of Aging priorities, ranging from palliative care for seniors, health and aging in rural environments, care for people with dementia in rural and remote areas, and reducing the gaps in delivery of services to people with cognitive impairment, to genomics, genetics and gerontology.

*Réjean Hébert
and Madelyn Hall,
Research Associate
with the Aging
in Manitoba Study,
for the workshop
on Aging
in Manitoba
(Winnipeg,
November 2002).*



New Emerging Teams

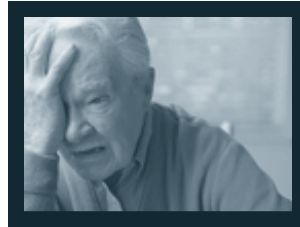
PRINCIPAL INVESTIGATOR	PROJECT	INSTITUTION	PARTNERS (including CIHR Institutes)
ALLARD, Pierre	Optimizing end of life care for seniors	University of Ottawa	CIHR - ICR CIHR - IHSPR
DRUMMOND, Neil	Transitions and dementia : Bridging gaps in service provision	University of Calgary	Alzheimer Society of Canada
MARRA, Marco	Genomics, Genetics and Gerontology (G ³): A multidisciplinary team for the study of healthy aging	B.C. Cancer Agency	CIHR - IG
MORGAN, Debra G	Strategies to improve the care of persons with dementia in rural and remote areas	University of Saskatchewan	CIHR - IHSPR CIHR - Rural and Northern Health Research / Alzheimer Society of Saskatchewan / Saskatchewan Health Research Foundation / University of Saskatchewan
STRAIN, Laurel	Health and aging in rural environments	University of Manitoba	CIHR - Rural and Northern Health Research

Strategic Training Initiative in Health Research

The Strategic Training Initiative in Health Research is aimed at developing research capacity in the Canadian scientific community by ensuring researchers' training and development and by promoting the advancement of and ongoing support for their scientific career in the health field. In connection with this second competition, the Institute of Aging will fund, over six years, a \$1.8-million project to establish and develop an interdisciplinary training network for research on

health and aging, the Réseau de formation interdisciplinaire en recherche sur la santé et le vieillissement. A team of three principal investigators heads this project: Yves Joanette of the Université de Montréal, Hélène Payette of the Université de Sherbrooke and René Verreault of Université Laval.

The Institute of Aging also joined with the Institute of Gender and Health to fund the Enhancing Qualitative Understanding of Illness Processes and Prevention (EQUIPP) Training Program project headed by Janice Morse (University of Alberta).

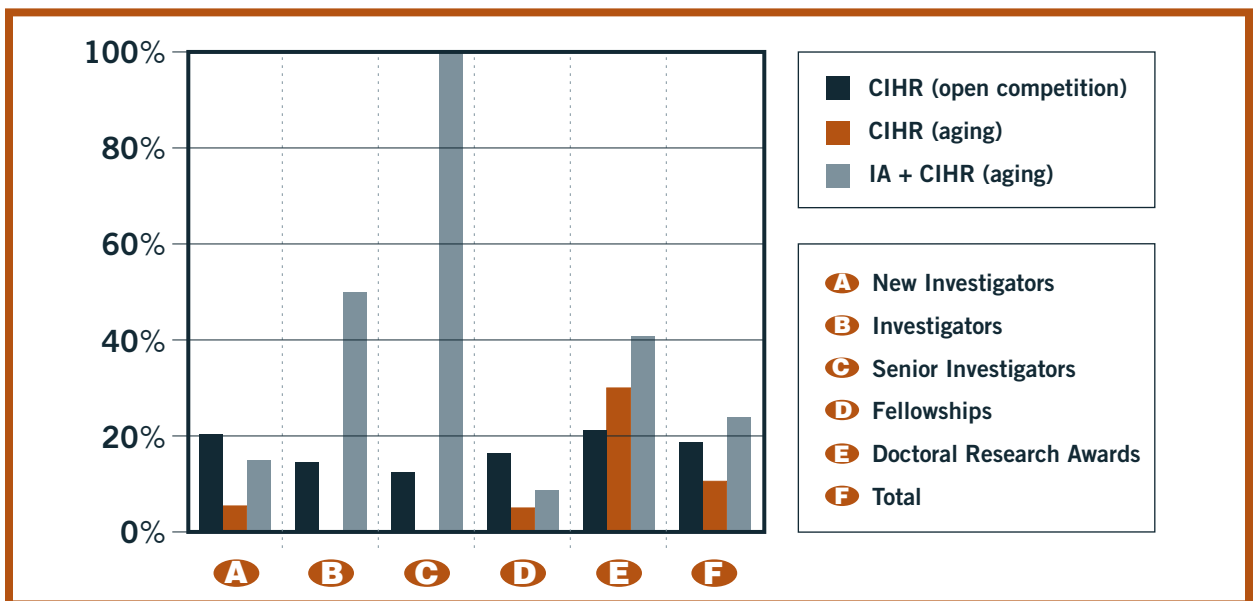


Priority Announcements: Training and Salary Support Programs

To promote development of research capacity in priority areas of research on aging, the Institute launched the Priority Announcements in the fall of 2002. This initiative enables the Institute of Aging to fund applications that have been highly rated by the peer review committees, but that have not been funded under the CIHR open competitions. The Institute of Aging committed itself to providing

more than \$900,000 in 2002 for the research personnel competitions that took place in the spring and fall of 2002, in order to support trainees and independent investigators whose research falls within the Institute of Aging's research priorities. The Priority Announcements made it possible to increase the success rate in each of the categories of the Training and Salary Support Programs, as shown in figure below.

Priority Announcements | Success Rate per category of the Training and Salary Support Program (Fall 2002 Competition)



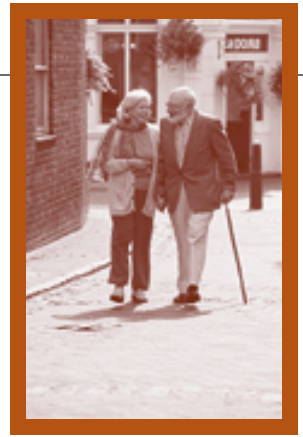
Priority Announcements | Training and Salary Support Program (Fall 2002 and Spring 2003 Competitions)

APPLICANT	PROJECT	INSTITUTION
Doctoral Research Awards		
DURAND, Suzanne	Performance evaluation of an integrated services network for older people	Université de Sherbrooke
GOULET, Eric	Influence of Insulin resistance on the development of sarcopenia	Université de Sherbrooke
Fellowships		
BELIVEAU, Alain	Telomerase effects on human mammary epithelial cell growth regulation	University of California
CHESNEAU, Sophie	Text comprehension study in older, mild aphasic and right brain damaged subjects as part of a cognitive-linguistic analysis model	Institut universitaire de gériatrie de Montréal
WESTLAKE, Kelly	Proprioception as a modifiable risk factor for impaired balance and falls among older adults	Queen's University
New Investigators		
DIONNE, Isabelle	Study of biological and behavioral mechanisms of sarcopenia	Sherbrooke Geriatric University Institute
GAGLIESE, Lucia	Effects of NMDA-receptor antagonism on hyperalgesia opioid use and pain after major surgery in young and elderly patients	University Health Network - Toronto
Investigators		
LUPIEN, Sonia J	Effects of glucocorticoids on human cognitive function from adulthood to old age	Douglas Hospital Research Centre (Mtl)
RAINA, Parminder	A program of research to understand the complexities of an aging population in Canada	McMaster University
SKERJANC, Ilona S	Molecular mechanisms regulating cardiac and skeletal muscle development	University of Western Ontario
Senior Investigator		
POIRIER, Judes	Cholesterol metabolism: A risk factor and potential therapeutic target for common Alzheimer's disease	Douglas Hospital Research Centre (Mtl)

Special Institute of Aging awards

The Institute gave additional awards to the best candidates as follows in the spring and fall 2002 competitions: New Investigator Award (\$10,000, Russell Hepple of the University of Calgary);

Fellowship Awards (\$5,000, Ana Ines Ansaldo of the Université de Montréal and Regina Jokel of the University of Toronto); and Doctoral Research Award (\$2,000, Audrey Ursula Swift of the University of Manitoba).



Partnerships and Public Engagement

The Institute of Aging has adopted a collaborative approach to all of its activities, including strategic planning, funding of specific initiatives and workshops. During the year, the Institute enhanced and expanded its two major strategic initiatives—i.e. the Cognitive Impairment in Aging Partnership's National Research Strategy and the Canadian Longitudinal Study on Aging (described in the "Outstanding Research" section). International links were also forged, not only in the context of these strategic initiatives, but also with a view to promoting new opportunities for collaboration.

Cognitive Impairment in Aging Partnership

Cognitive impairment, including Alzheimer's disease and other types of degenerative brain disease, today affects one out of four Canadians over the age of 65. The number is considerably higher for people 85 years of age or older, with two out of three people suffering from cognitive impairment. With population aging, the number of people suffering from cognitive impairment is expected to double over the next thirty years. Currently, the quality of life of people with cognitive impairment is seriously diminished and the impact on their loved ones, as well as on caregivers and the health care system, is considerable.

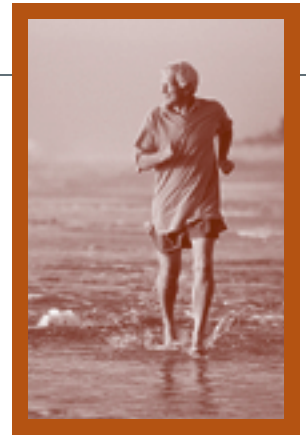
Cognitive Impairment in Aging Partnership | CIA Partnership Organizations

VOLUNTARY SECTOR	PUBLIC SECTOR	PRIVATE SECTOR
<ul style="list-style-type: none"> • Alzheimer Society of Canada • Canadian Nurses Foundation • Consortium of Canadian Centres for Clinical Cognitive Research • Heart and Stroke Foundation of Canada • NeuroScience Canada • Parkinson Society of Canada • US Alzheimer's Association 	<ul style="list-style-type: none"> • Canadian Institutes of Health Research • Le fonds de la recherche en santé du Québec • Health Canada • Ontario's Strategy for Alzheimer disease and Related Dementia • Nova Scotia Health Research Foundation • Saskatchewan Health Research Foundation • US National Institute of Aging • Veterans Affairs Canada 	<ul style="list-style-type: none"> • AstraZeneca Canada Inc. • Janssen-Ortho Inc. • Merck Frosst Canada Ltd. • Novartis Inc. • Pfizer Canada Inc.

In response to these needs, it is imperative that more research be done, but the number of researchers in this field is insufficient. That is why the Institute of Aging created the Cognitive Impairment in Aging Partnership, which brings together organizations with a shared interest in reducing the frequency and impact of cognitive impairment (see table above for the list of organizations). One of the first steps was the creation of a working group, the number of members of which increased from eight to twenty over the past year. A memorandum of understanding was signed to make the Partnership official.

At the same time, a first series of initiatives was put in place between the Institute of Aging and its various partners. Among these initiatives was the launch of a request for applications for the

Biological Mechanisms and Treatment of Alzheimer Disease Grants, in association with the Alzheimer Society of Canada, AstraZeneca Canada and AstraZeneca US. Also in partnership with the Alzheimer Society of Canada, the CIHR Institute of Aging and the Institute of Neurosciences, Mental Health and Addiction, funded a new emerging team in the area of cognitive impairment (see the "Excellent Researchers" section). Finally, the Institute maintained its multiyear financial support to the Alzheimer Society of Canada, in the form of research grants and training awards.



The Cognitive Impairment in Aging Partnership also served as a springboard for development of new funding initiatives that will be put in place during 2003. Those initiatives, which bring together a number of partners, will address vascular health and dementia, and caregiving and Alzheimer's disease. In the coming months, the Cognitive Impairment in Aging Partnership will be focusing on its research agenda and funding strategy, while continuing to expand and welcome new members.

International collaborations

During the year, the Institute actively sought to forge international links. For example, it engaged in fruitful discussions with its American counterpart, the National Institute of Aging, and with the U.S. Alzheimer's Association. Dorothy Pringle, chair of the Institute Advisory Board, also took part in a visit to the Institutos Nacionales de Salud de México. Finally, at a series of conferences in Europe, Réjean Hébert instituted a dialogue concerning joint funding opportunities with the European Commission within the Marie Curie programs and the Sixth Framework Program.

The Institute of Aging participated in a number of international conferences, including the conference on Alzheimer's disease and related disorders in Stockholm in July 2002. The Institute was also present at the seventh International Francophone Gerontology Conference (the VII^e Congrès International Francophone de Gériologie) in Brussels, and the annual meeting of the Gerontological Society of America in Boston, which took place in September and November 2002 respectively.



Dorothy Pringle in the company of the Mexican National Institute of Health delegates.

Public engagement

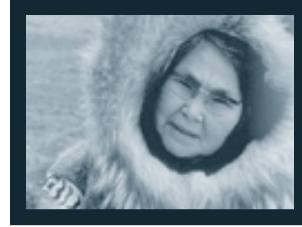
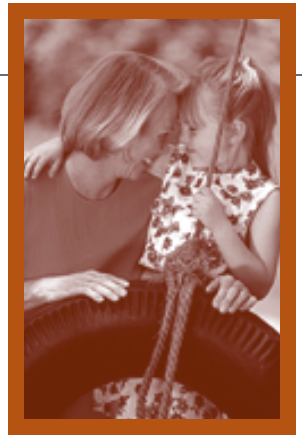
Provincial and national organizations participated more and more actively in a number of strategic initiatives put in place by the Institute, such as the Cognitive Impairment in Aging Partnership, the Canadian Longitudinal Study on Aging and various workshops, including the National Seniors' Forum on Research (described in the "Translation and Use of Knowledge" section).

During 2002, the Romanow Commission (Commission on the Future of Health Care in Canada) made recommendations to ensure the viability of the public health care system. During the national dialogue stage, Dr. Réjean Hébert made a submission to the Commission entitled "Research on Aging: Providing Evidence for Rescuing the Canadian Health Care System," which was published in the Canadian Journal on Aging. Dr. Réjean Hébert also published an editorial entitled "Yes to Home Care, but Don't Forget Older Canadians" in this same journal, in reaction to publication of the Romanow Commission report.

In early 2003, John Manley, Deputy Prime Minister and Minister of Finance, visited the Sherbrooke offices of the Institute of Aging. Dr. Réjean Hébert took the opportunity presented by Minister Manley's presence to discuss the impact of the federal budget increase for CIHR on research on aging. This visit also gave the Institute of Aging and CIHR an opportunity to increase their visibility with the general public.



Deputy Prime Minister and Minister of Finance John Manley met with the Scientific Director of the Institute of Aging. Among others, federal Member of Parliament from Compton-Stanstead, David Price and the mayor of Sherbrooke, Jean Perrault were also present.



Translation and Use of Knowledge

One of the five strategic directions of the Institute of Aging is to foster dissemination and transfer of research findings, and eventually translate those findings into policies, interventions, services and products. This direction translated into specific objectives was implemented throughout the year by means of a number of communication and funding activities.

Canadian Research Forum on Aging

The Institute of Aging held its first Canadian Research Forum on Aging in October 2002, in conjunction with the annual meeting of the Canadian Association on Gerontology. Two symposia were organized for this forum, the first entitled “Healthy Aging: From Genes to Society”, the second, “Cognitive Impairment: The Full Spectrum.” Other events at this forum included a special presentation by Dr. Tom Perls on the most recent developments with respect to genes and the various factors associated with longevity. A poster competition for students was also organized by the Institute of Aging and its partners. Over forty posters were

evaluated. Four \$500 prizes were awarded for the best posters in the various categories—i.e. to Sudeep S. Gill (master’s), Caroline Paquette (doctorate), Maud Champagne (postdoctoral studies) and Kenneth Madden (residents/recipients of medical scholarships). In addition, the Institute of Aging’s special awards for the September 2001 and March 2002 competitions were officially presented at the forum.



Institute of Aging Special Award Ceremony
From left to right : Réjean Hébert, Nicole Dubuc, Ana Ines Ansaldo, Brian Allman, and Christopher MacKnight (Montreal, October 2002).

National Seniors' Forum on Research

Health research is an integral part of the process for providing effective health care and social programs. To make possible exchange of information with those most concerned by the health care and social programs developed following research on aging, the CIHR Institute of Aging and its partners will be organizing the first National Seniors' Forum on Research for May 2003. This forum will make it possible to initiate a dialogue with seniors—one that includes, for example, exchange of information regarding research on aging and the Institute of Aging, consultation regarding seniors' involvement in research and identification of the gaps and of seniors' concerns in the area of research.

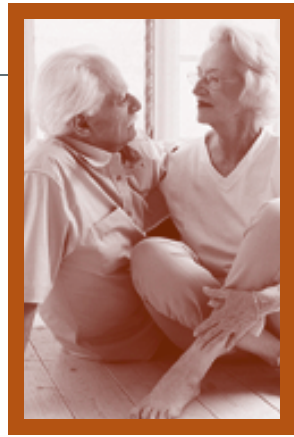
Funding

To facilitate translation and use of knowledge, the Institute of Aging funded a number of dissemination workshops on various aging-related subjects. For example, the Institute funded, in partnership with the Institute of Neurosciences, Mental Health and Addiction, the workshop on frontotemporal dementia and Pick's disease. The Institute also funded the annual meeting of Toronto's Baycrest Centre for Geriatric Care. On the Prairies, the Institute contributed to a workshop on aging in Manitoba at which researchers presented the findings of the Aging in Manitoba Longitudinal Study, which has been ongoing for more than 30 years.

In 2002, the Institute of Aging, in collaboration with the CIHR Knowledge Translation Branch, launched a request for applications to fund subscription and participation by teams of researchers and their assistants for a three-year period on the "Science of Aging Knowledge Environment (SAGE KE)" Web site (<http://sageke.sciencemag.org/>). This Web site is a subscription-based tool where researchers, clinicians and trainees in some twenty aging-related specialties can keep up with the latest and most important advances and share information with other researchers. In this competition, six applications were approved, for an annual amount of \$30,000.

The Institute of Aging also participated, in collaboration with the Knowledge Translation Branch and all the CIHR institutes, in the launch of a request for applications in April 2002 for the Strategies in Knowledge Translation in Health initiative. The Institute committed itself to contributing more than \$80,000 over three years to fund part of the aging-related projects.

RESEARCHER(S)	INSTITUTION
GRAY, Douglas A	University of Ottawa
HEPPLE, Russell	University of Calgary
JOANETTE, Yves	Université de Montréal
KHALIL, Abdelouahed	Université de Sherbrooke
MACKNIGHT, Christopher R	Dalhousie University
RIABOWOL, Karl T	University of Calgary



Organization excellence

Institute of Aging team

Since its creation in December 2000, the Institute of Aging has been based at the Research Centre on Aging of the Sherbrooke Geriatric University Institute, the Scientific Director's host institution. The Institute's team is made up of six members in Sherbrooke and Ottawa. In Sherbrooke are Réjean Hébert (Scientific Director), Anne-Cécile Desfaits (Assistant Director), Charles Santerre (Assistant Director, Communications) and Sylvie de Lafontaine (Administrative Assistant). In Ottawa are Astrid Eberhart (Assistant Director, Partnerships) and Elisabeth Beaucage (Project Officer). An organization chart is provided in Appendix A. The staff members work in close collaboration and meet regularly to participate collectively in the Institute's activities. The presence of two staff members at CIHR itself in Ottawa allows for rapid and effective communication between the Institute and the various divisions of CIHR.

Sonia Lupien, member of the Institute of Aging Advisory Board has been named one of the 2003 Canada's Top 40 Under 40.



Institute Advisory Board

The Institute Advisory Board (IAB) is a fourteen-member group representing not only the scientific community, but also the public sector, non-profit organizations and general public. A list of members is provided in Appendix B. The Institute has forged very close ties with its board over the years. The five meetings that took place in 2002-2003 provided a forum for productive discussions. The IAB members, whose expertise lies in a variety of areas, provided invaluable advice and pertinent suggestions on the Institute's current and future activities, particularly with respect to strategic planning. During 2003-2004, rotation of the IAB members will begin. This rotation will be spread over three years, to ensure proper transition.

Peer review

One of the Institute's strategic directions is that of promoting the importance of research on aging and the research community's needs in that area. To that end, the Institute of Aging and the Institute Advisory Board have set for themselves the objective of integrating research on aging into the CIHR peer review system. Two peer review committees were created: the Biological and Clinical Studies of Aging committee and the Social Factors and Aging committee. They review the applications for funding in aging for the CIHR Operating Grants Open Competition, as well as the pilot projects in aging.

Communications with researchers

To establish active links with the organizations and individuals doing research on aging, the Institute sends messages and announcements to the scientific community and its partners. The Institute's e-newsletter is sent regularly to a list of more than 1,200 recipients. This list includes researchers, students and postdoctoral trainees, as well as any person interested in receiving news about the Institute's activities and funding opportunities. The Institute also prepares a report on its activities that is published in the Canadian Association on

Gerontology's quarterly newsletter. Finally, through its Web site, the Institute communicates funding opportunities and decisions, its research priorities and any other news of interest to the scientific community.

During the year, the Institute was the subject of a dozen or so articles in learned journals and national newspapers. In addition, Dr. Réjean Hébert, in television interviews, promoted the Institute of Aging's role and involvement in the context of population aging.



Forum in Aging, Regina (SK), July 2002



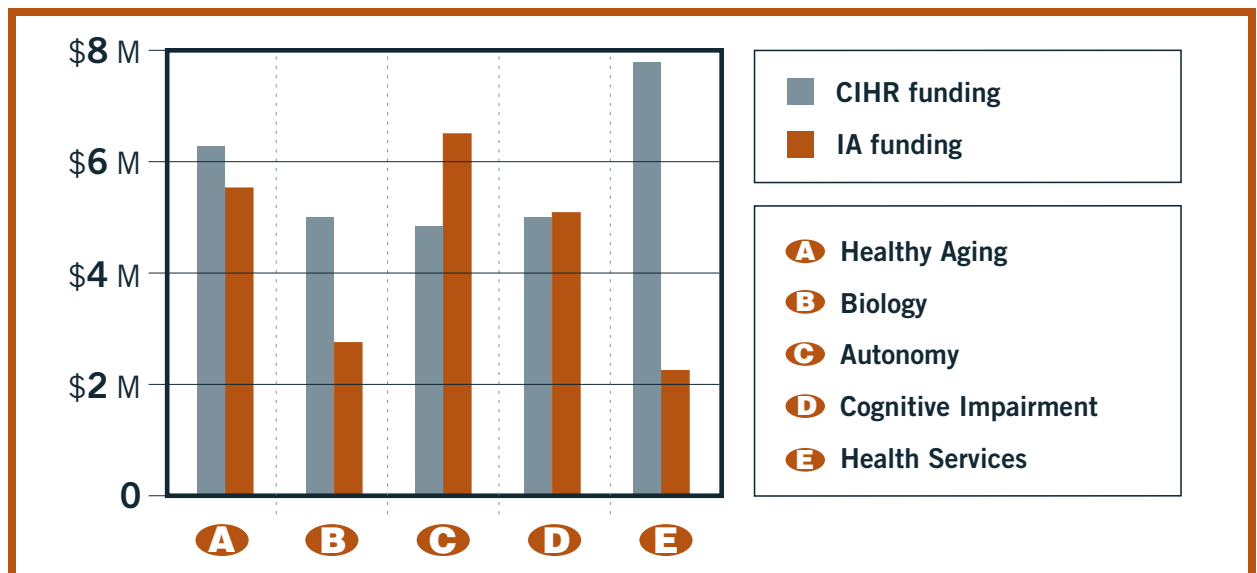
Institute of Aging research priorities

Following consultation of the Institute Advisory Board and the scientific community, the Institute defined five research priorities in the field of aging:

- **Healthy and successful aging**
- **Biological mechanisms of aging**
- **Aging and maintenance of functional autonomy**
- **Cognitive impairment in aging**
- **Health services and policy relating to older people**

The Institute's aim is for the funding provided through its strategic initiatives and the CIHR open competitions to be equitably distributed among all its priority research areas. To that end, the Institute monitors the funds awarded by research priority. Figure below shows the distribution of the Institute of Aging's funds since 2001.

Institute of Aging research priorities | IA and CIHR (related to aging research) funds distributed between the five Institute's research priorities.



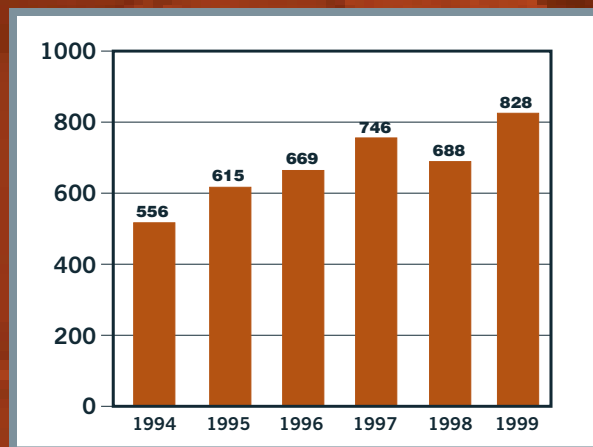
Performance evaluation

Since the creation of its strategic plan and action plan in early 2002, the Institute has put in place a good number of actions with a view to achieving its objectives. In January 2003, an update of the action plan was presented at the monthly meeting of the CIHR institute scientific directors. In the fall of 2003, the Institute will be putting in place an opinion poll spread over several months. The Institute hopes to thereby consult not only the scientific community, but also policy makers and the general public, in order to evaluate the Institute's performance in previous years and define the priorities and activities for future years.

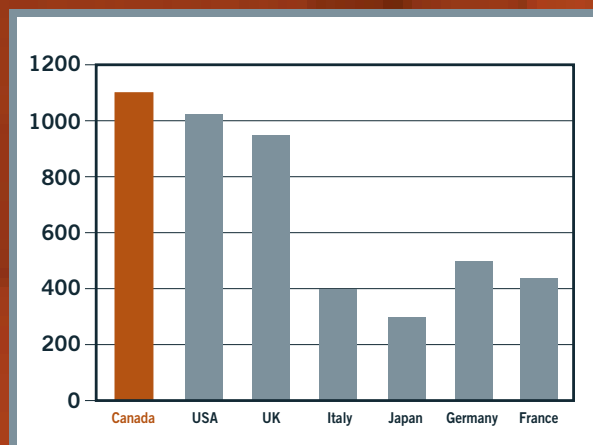
Bibliometric study in aging

To direct its funding actions, the Institute commissioned the Observatoire des sciences et des technologies in Montreal to conduct a bibliometric positioning study, in order to monitor developments in the volume of publications on aging in Canada and compare Canada's performance with that of the other G7 countries. Using a list of keywords and journals on aging, the study showed that, from 1994 to 1999, the number of publications on aging increased regularly and that, during this period, Canada was the country with the largest number of publications on aging per million seniors (see figures). The Institute intends to continue this kind of bibliometric study over the next few years to gain better knowledge of the importance of and general trends in research on aging.

Bibliometric study in aging | Number of publications on aging in Canada



Bibliometric study in aging | Number of publications (1994-1999) on aging per million older people



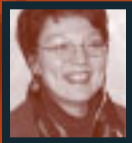
Appendix **A**

The Institute of Aging organisational chart



Appendix **B**

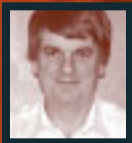
The Institute Advisory Board



Neena Chappell, PhD
Director, Centre on Aging
UNIVERSITY OF VICTORIA



Marg Eisner, RN
Director, Family Support
and Education
ALZHEIMER SOCIETY OF OTTAWA-CARLETON



Geoffrey Fernie, PhD, Peng
Director
CENTRE FOR STUDIES IN AGING,
SUNNYBROOK AND WOMEN'S COLLEGE
HEALTH SCIENCES CENTRE, TORONTO



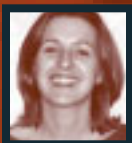
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DEPARTMENT OF COMMUNITY HEALTH
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Yves Joannette, PhD
Directeur de la recherche
INSTITUT UNIVERSITAIRE DE GÉRIATRIE
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Sheila Laidlaw, MA, MLS
Retired
FORMER HEAD OF UNIVERSITY
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Sonia Lupien, PhD
Director, Laboratory of Human
Psychoneuroendocrine Research
DOUGLAS HOSPITAL RESEARCH CENTRE,
MCGILL UNIVERSITY, MONTREAL



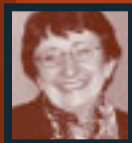
Anne Martin-Matthews, PhD
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Manager, Knowledge Development
DIVISION OF AGING AND SENIORS,
HEALTH CANADA



Dorothy Pringle, RN, PhD (Chair)
Professor
FACULTY OF NURSING, UNIVERSITY
OF TORONTO



Karl T. Riabowol, PhD
Professor
DEPARTMENTS OF BIOCHEMISTRY &
MOLECULAR BIOLOGY AND ONCOLOGY,
UNIVERSITY OF CALGARY



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DALHOUSIE UNIVERSITY CENTRE
FOR HEALTH CARE OF THE ELDERLY



**Donald T. Stuss, PhD,
C Psych, ABPP, ABCN**
Vice-President of Research
BAYCREST CENTRE FOR GERIATRIC CARE,
TORONTO

Financial Statements

FOR THE FISCAL YEAR ENDING MARCH 31, 2003



Institute support grants

For the fiscal year ending March 31, 2003

AVAILABLE FUNDS		\$ 1,382,987
EXPENDITURES		
Institute Development		
Conferences, symposia and workshops	37,405	
Institute Advisory Board Expenses	61,632	
Professional Services	40,493	
Travel Expenses	1,692	
Other Expenses	211,133	352,355
Institute Operations		
Salary and Fringe Benefits	330,552	
Office Accomodations	37,200	
Telecommunication Services	3,655	
Office Supplies and Other Services	9,715	
Office Furniture and Fixtures	-	
Computer Services and Technical Support	6,563	
Professional Services	12,970	
Travel Expenses	46,004	
Other Expenditures	8,008	454,667
TOTAL EXPENSES		\$ 807,022
UNSPENT BALANCE		\$ 575,965

* Note : The unspent balance as of March 31, 2003 is transferred to the following fiscal year.

Investments in strategic initiatives

For the fiscal year ending March 31, 2003

STRATEGIC INITIATIVES	CONTRIBUTIONS THROUGH GRANTS AND AWARDS					Total
	Number	2002-03	2003-04	2004-05	2005 and beyond	
Unallocated	1	5,000	-	-	-	5,000
Alzheimer Society of Canada	1	500,000	-	-	-	500,000
SAGE-KE Grants	5	2,085	15,000	15,000	12,918	45,003
Facing our Future, Human Genetics	5	4,239	31,190	-	-	35,429
Reduce Health Disparities	1	39,563	-	-	-	39,563
Pilot Projects	11	492,728	199,948	-	-	692,676
Healthy Successful Aging	7	35,000	392,000	375,000	1,125,000	1,927,000
Biological Mechanisms of Aging	1	5,000	245,954	237,144	651,746	1,139,844
Aging and maintenance of functional autonomy	6	30,000	-	-	-	30,000
Health Services and Policy	2	10,000	-	-	-	10,000
Interdisciplinary Health Research Team	2	73,502	-	-	-	73,502
Cognitive Impairment in Aging	1	-	255,255	236,151	708,453	1,199,859
Operating Grants	5	-	263,075	241,738	349,484	854,297
Knowledge Translation	2	24,359	30,641	25,000	-	80,000
New Emerging Team Grant Program (NET Program)	7	1 302,951	1,390,688	1,351,611	2,471,893	6,517,143
Traning Awards	22	870,384	1,070,000	1,038,500	1,855,499	4,834,383
Strategic Training Initiative in Health Research	5	209,556	490,848	496,374	1,812,887	3,009,665
	84	\$ 3,604,367	\$ 4,384,599	\$ 4,016,518	\$ 8,987,880	\$ 20,993,364

* Note : Grants and awards in respect to these programs are approved for 1 to 6 years. Figures displayed represent CIHR financial commitments for these programs in 2002-03 and subsequent years. Availability of these funds in future years are subject to funding appropriations by Parliament. For some initiatives, partners also contributed to the funding of the grants and awards.