

Exceptional Value for Canadians

Institute of Aboriginal Peoples' Health • Institute of
Aging • Institute of Cancer Research • Institute of
Circulatory and Respiratory Health • Institute of Gender
and Health • Institute of Genetics • Institute of Health
Services and Policy Research • Institute of Human
Development, Child and Youth Health • Institute of
Infection and Immunity • Institute of Musculoskeletal
Health and Arthritis • Institute of Neurosciences, Mental
Health and Addiction • Institute of Nutrition, Metabolism
and Diabetes • Institute of Population and Public Health

A n n u a l R e p o r t

2003-2004

Canadian Institutes of Health Research

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2003-04 Expenditures by Output Area (in millions of dollars)

Operational Requirements 6%
Administration (\$41M)

Flow-through Funds 10%
NCE (\$25M)
Canada Research Chairs (\$46M)

Research 84%
Open Competition (\$426M)
Strategic Initiatives and other Grants (\$150M)



Breakdown of Research Expenditures

Open Competition – TOTAL \$426M

- Grants – \$362M
- Salary – \$34M
- Research training – \$29M
- Travel and exchange/Other – \$.9M

Strategic Initiatives and other Grants – TOTAL \$150M

- Grants – \$112M
- Salary – \$8M
- Research training – \$10M
- Travel and exchange/Other – \$4.2M
- Institute support grants – \$13.6M
- Knowledge Translation – \$2.2M

\$688 million

Note: Expenditures do not include Donations for Research and Endowments for Health Research.

CIHR at a Glance

The Canadian Institutes of Health Research (CIHR) is the Government of Canada's agency for health research. Its mandate is to create and translate new knowledge to help ensure improved health for Canadians, more effective health services and products and a strengthened health care system.

Through its 13 institutes, CIHR is creating new opportunities for Canadian health researchers to produce results that matter to Canadians and the rest of the world. CIHR uses a problem-based, multi-disciplinary and collaborative approach to health research. The majority of its funded research is investigator-driven, while other funding is for strategic initiatives that respond to health challenges and scientific opportunities of high priority to Canadians.

CIHR's approach is enabled by its structure – unique in the world – that brings together researchers from across disciplinary and geographic boundaries through its 13 Institutes, each of which addresses a theme of health research of immediate and identifiable importance to Canadians.

CIHR's 13 Institutes

Aboriginal Peoples' Health

Aging

Cancer Research

Circulatory and Respiratory Health

Gender and Health

Genetics

Health Services and Policy Research

Human Development, Child and Youth Health

Infection and Immunity

Musculoskeletal Health and Arthritis

Neurosciences, Mental Health and Addiction

Nutrition, Metabolism and Diabetes

Population and Public Health

President's Message

In 2003-04, Canadians truly witnessed the exceptional value that health research offers.

SARS tested the ability of Canada's health researchers to act quickly and decisively to meet a health crisis – and they showed they were up to the challenge. Researchers in British Columbia and Manitoba, working together, took just 11 weeks to sequence the SARS genome. By December 2003, Canadian researchers announced that they had developed not one, but three potential SARS vaccines, ready to test in animals. At the same time, other CIHR-funded researchers announced that they had discovered a potential treatment for SARS, using a combination of steroids and interferon.

It was also a year in which health researchers made a huge stride forward against *E. coli* 157 – the bacterium responsible for the Walkerton water crisis of the summer of 2000. A vaccine developed by two CIHR-funded researchers – Dr. Brett Finlay of the University of British Columbia and Dr. Andy Potter of the University of Saskatchewan – was shown to be effective in cattle. It is now being marketed worldwide by Bioniche Life Sciences, a Canadian biopharmaceutical company. By vaccinating herds of cattle and preventing *E. coli* from entering the food supply, we can reduce its toll. Each year *E. coli* makes 50,000 North Americans ill, kills 500 and costs the economy an estimated \$5 billion.



Dr. Alan Bernstein, O.C., FRSC
President
Canadian Institutes of Health Research

As this example shows, the exceptional value of health research is found not only in better health and a stronger health care system tomorrow, but also in a growing knowledge-based economy today. CIHR has a coherent suite of programs to help take discoveries from the laboratory to the marketplace. Throughout 2003-04, CIHR expanded its dynamic and innovative commercialization strategy to further enhance our ability to mobilize research, develop people, and build partnerships to help bridge the gap between ideas and new products and services.

2003-04 was also a transformative year for CIHR. In our first three years of existence, we laid the foundation for an energized and innovative health research enterprise for the 21st century. In January 2004, we released *Investing in Canada's Future: CIHR's Blueprint for Health Research and Innovation*, a strategic plan that articulates CIHR's vision, mandate and strategic directions for the coming years.

During the summer of 2003, CIHR conducted national consultations to gain direct input from health researchers and other stakeholders across the country. These consultations built on the extensive work of our 13 Institutes in identifying their individual research priorities, as well as on the partnerships that CIHR has forged with researchers, universities, hospitals and other health organizations, governments, research agencies, voluntary organizations, industry and the public.

With *Blueprint*, CIHR is poised to move to its second stage of evolution – a stage that is designed to accelerate the pace of discovery and its application, ensuring that Canadians continue to reap the exceptional value of health research with improved health, a strengthened health care system and a growing economy. In the pages that follow, I invite you to witness how CIHR and the research it funds is providing exceptional value for Canadians.



Dr. Alan Bernstein, O.C., FRSC
President

CIHR Update and Overview

Throughout 2003-04, the Canadian Institutes of Health Research (CIHR) continued to demonstrate the exceptional value realized by the federal investment in health research.

Since 2000, when CIHR was created, more health researchers are being funded with higher levels of funding in more disciplines and in all provinces. The result is health research discoveries that are making a difference to the health of Canadians, in terms of preventing – and improving diagnosis and treatment of – disease. Other research discoveries are helping to strengthen our health care system to better meet the needs of Canadians wherever they live and whatever their situations. Still others are resulting in innovative products and services offered by Canadian companies, thanks to the assistance that CIHR offers to health researchers in taking their discoveries from the laboratory to the marketplace.

In 2003-04, CIHR launched *Investing in Canada's Future: CIHR's Blueprint for Health Research and Innovation*, a strategic plan that builds on CIHR's first three years and charts a path for the next phase of growth. The plan sets out five strategic directions for CIHR. This annual report demonstrates how CIHR is already addressing these areas in ways that matter to Canadians, as well as some of the early results.

CIHR Strategic Directions 2003-08

1. Strengthen Canada's health research communities
2. Address emerging health challenges and develop national research platforms and initiatives
3. Develop and support a balanced research agenda that includes research on disease mechanisms, disease prevention and cure and health promotion
4. Harness research to improve the health status of vulnerable populations
5. Support health innovations that contribute to a more productive health system and prosperous economy

Strengthening Canada's Health Research Communities

Progress in health research demands the best researchers, supported at internationally competitive levels of funding, working in stimulating and supportive environments. The results are clear: research discoveries that translate into improved health and a stronger health care system and outstanding researchers who train and mentor the next generation of health researchers and care providers.

Canadian researchers are among the most highly respected in the world. In all fields of R&D, Canadian scientists are ranked 2nd in publications per researcher, citations per researcher and citations per unit GDP, across G8 nations.

CIHR is fostering and strengthening excellent health researchers in robust environments. In fact, 94 cents of every dollar CIHR receives from the federal government goes directly to supporting health researchers through grants and awards. About 77% of its research budget in 2003-04 went to investigator-initiated funding in all areas of health research, while 23% went to support strategic initiatives to address the health research priorities of CIHR's 13 Institutes. This is close to the 70/30 target set by CIHR's Governing Council as a goal that would support research arising from an investigator's own curiosity and belief in its importance (a belief supported through a rigorous peer-review process) while also responding to the strategic health priorities of Canadians.

In 2003-04, CIHR funded nearly 5,000 operating grants; the average value of open competition grants awarded in 2003-04 was \$106,000. In total, CIHR supported the work of more than 8,000 health researchers throughout Canada. In addition, it supported the next generation of health researchers with more than 2,000 individual

training awards, including doctoral student awards, studentships and new investigator awards, as well as 88 Strategic Training Initiative in Health Research grants that collectively support more than 1,000 trainees.

These grants and awards recognize excellence across the full spectrum of health research, with important results in 2003-04 produced by CIHR-supported researchers in key areas of health research, including:

- Biomedical research, which investigates the underlying causes of disease and uses animal models to develop new treatments:

A virus found in cattle and pigs has been effective in killing cancer cells in mice by growing inside the tumour cells and destroying them. Drs. John Bell and David Stojdl of the Ottawa Regional Cancer Centre say the virus also makes normal cells more resistant and teaches the body to protect itself from a recurrence of the cancer.

- Clinical research, which takes research the next step from the laboratory to the patient, by testing new diagnostic methods and treatments:

A pacemaker seems to provide little help for people who faint frequently due to a problem with their nervous system, according to a CIHR-funded clinical trial carried out by Dr. Stuart Connolly of McMaster University. The trial indicates that pacemaker therapy, an expensive therapy that carries the risk of complications, should not be used in this patient group.

- Health services and systems research, which focuses on how to strengthen our health care system and help it deliver services to all Canadians, whatever their situation:

People with Alzheimer’s disease who live in rural or remote areas have limited access to the services they need and their family caregivers are often reluctant to use the services available to them, such as home care and support groups. Dr. Debra Morgan of the University of Saskatchewan has worked with communities and care providers to identify eight barriers to the use of formal services, including the stigma of dementia, lack of privacy and anonymity, lack of awareness and lack of access to services because of distance. The study also proposed strategies to overcome the barriers, including making caregivers aware of available services and how they can help in the particular situation, as well as better public education to break down the stigma around dementia.

- Population health research, which examines the determinants of health, such as genetics, society, culture and environment:

Smoking just one or two cigarettes may be all it takes for some adolescents to become addicted, according to research by Dr. Jennifer O’Loughlin of McGill University. Her study of more than 1,200 Montreal high school students also found that girls are more likely than boys to report symptoms of addiction. The study challenges the current belief that nicotine addiction can take up to three years to develop; as well, it highlights that nicotine

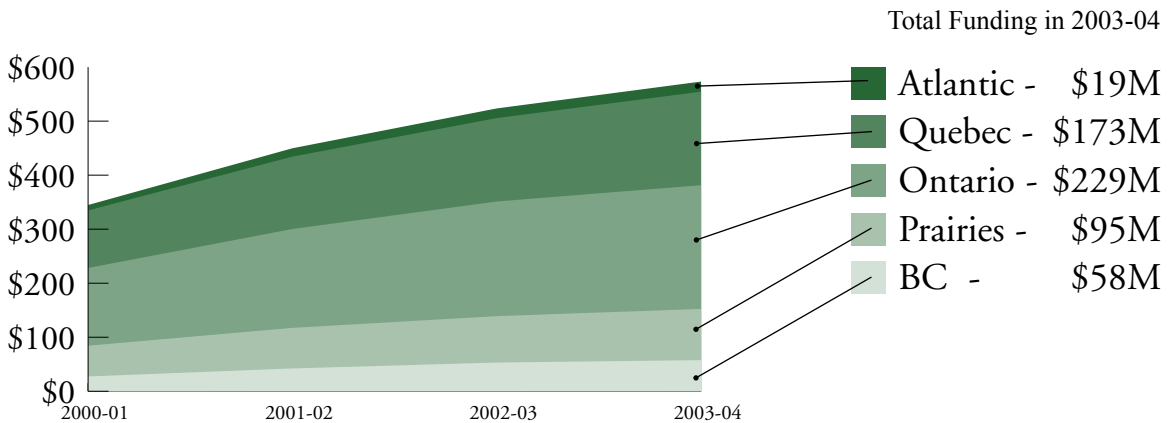
dependence could be a stronger factor in why kids smoke than having friends and family members who smoke. The study is the first part of a six-year project examining the genetic and environmental factors involved in nicotine dependence among young people. It underscores the importance of starting prevention and smoking cessation programs earlier and will help in the development of more effective cessation programs.

CIHR support is spread throughout the country, with universities in all ten provinces receiving funding. Funding in all regions of Canada has increased over the past four years, with the Atlantic provinces witnessing some of the greatest percentage increases. Through its funding support, CIHR is catalyzing the growth of an innovative and energized health research community throughout Canada.

CIHR goes beyond geography, however, to bring together health researchers across disciplinary boundaries. A new approach to health research requires a new generation of health researchers with a whole new skill set – the ability to work with colleagues in a wide range of disciplines. Through a number of innovative programs, CIHR is facilitating the development of interdisciplinary teams of young researchers who receive mentorship and training while learning to work with their colleagues from diverse fields. A key feature of many of these programs is partnerships with stakeholders across the country.

CIHR Grants and Awards Spending, 2000-01 to 2003-04

(in millions of dollars)



Note: These figures do not include direct payments, Canada Research Chairs or Networks of Centres of Excellence programs.

In 2003-04, CIHR awarded 33 training program grants, worth \$54 million over the next six years, including:

- The Alberta Cancer Board Training Program in Translational Cancer Research in partnership with the University of Alberta and the University of Calgary, led by Dr. Carol E. Cass of the Alberta Cancer Board, with the involvement of the National Cancer Institute of Canada;
- IMPACT: Integrated and Mentored Pulmonary and Cardiovascular Training, led by Dr. Peter Paré of the University of British Columbia, with the participation of the Heart and Stroke Foundation of Canada;
- An Integrated Cancer Research Training Initiative in Nova Scotia, led by Dr. Gerald Johnston of Dalhousie University, in partnership with Cancer Care Nova Scotia and the National Cancer Institute of Canada; and
- Culture and Mental Health Services, led by Dr. Laurence Kirmayer of McGill University, in partnership with the Fonds de la recherche en santé du Québec.

In the same period, 23 collaborative multi-disciplinary teams were awarded a total of \$30 million, including:

- Health and Aging in Rural Environments, led by Laurel Strain of the University of Manitoba;
- Rigorous scientific evaluation of selected anti-diabetic plants: Towards an alternative therapy for diabetes in the Cree of Northern Quebec, led by Dr. Pierre Haddad of the Université de Montréal;
- STRESS: Stress, Trauma and Recovery: Early Stage Studies, led by Dr. Nicholas Coupland of the University of Alberta; and
- Spinal Cord Injury: Discovery and Development of Rescue and Repair Strategies, led by Dr. Lynne Weaver of the John P. Robarts Research Institute, in partnership with the Ontario Neurotrauma Foundation.

The value of health research: Saving memories

He used to know the names of everybody he met – but now the faces aren't as familiar anymore.

About a year ago, Theo Chester Black began to notice that he couldn't remember things. In July 2003, Mr. Black went to see Dr. Serge Gauthier, a CIHR-funded clinical researcher at the McGill Centre for Studies in Aging at Douglas Hospital, who confirmed Mr. Black's fear: he had early stage Alzheimer's disease. Now Mr. Black, an 80-year-old World War II veteran, is involved in the greatest fight of all: trying to retain the memories of the people and events of his lifetime.

Aricept, a prescription drug, has helped. This commonly-used treatment for Alzheimer's disease helps patients with their memory, thinking, everyday activities and overall behaviour. So far there have been plenty of benefits for Mr. Black.

"Things don't bother me as much as they did," he says. "I'm more alert."

Now, Mr. Black is a candidate for an international clinical trial of a promising new drug, one that, in combination with Aricept, could slow the progression of the disease even more. The drug – so new that it does not yet have a name, just a number – works by stimulating brain repair proteins. If the drug proves effective, it could be added to standard treatments already used to slow down the progression of Alzheimer's disease.

Mr. Black is ready to participate if he qualifies for the trial, and he is delighted that this kind of health research exists for him.

"I don't know where I would be without it," he says.

CIHR is also committed to easing the administrative burden on researchers, so they can spend more time furthering their research. Through the vision of ResearchNet, a CIHR-led partnership between government and the voluntary sector, it will soon be simpler for researchers to access Canadian research opportunities, apply for and receive research grants and awards and access the latest research information through one central point of entry to all research funding opportunities, regardless of their source. The first of these common services developed for researchers is the Common CV, which can be used to apply to multiple funding agencies. There are more than 23,000 researchers using the Common CV, which is supported by ten provincial, federal and not-for-profit agencies.

Dr. Stuart Connolly
McMaster University

Addressing Emerging Health Challenges

Several issues brought Canada's public health system to the forefront in 2003-04 and CIHR demonstrated the importance of health research in responding to these issues.

Health-related crises, primarily SARS, highlighted the importance of being able to respond quickly and effectively to protect the public from the impact of infectious diseases. At the same time, new data underscored the growing importance of obesity as probably the most important public health issue facing not just Canada, but the world.

SARS: A rapid research response

The outbreak of SARS in China, Canada and other countries posed unprecedented challenges to Canada's public health system – and CIHR helped to meet that challenge.

Canadian health researchers made world breakthroughs in investigating the disease. They sequenced the SARS genome in just 11 weeks, setting records for the rapidity of their response. On April 13, 2003, they announced to the world that SARS was associated with a coronavirus. Within months, by December 2003, they had developed three vaccines ready for testing in animals. And researchers in Toronto developed a treatment for SARS, based on a combination of steroids and interferon.

Even though SARS did not reappear in the winter of 2003-04, we can be sure that there will be other, similar outbreaks of infectious disease, brought to our cities by

the forces of globalization, international travel and sub-standard public health conditions in many parts of the world. So CIHR-funded researchers extended their focus beyond the disease itself to examine how it spread, how it was contained, what factors in our public health and health care system worked well – and what factors did not.

Since its creation in 2000, CIHR has invested in the study of infectious diseases, including HIV/AIDS, hepatitis C and bovine spongiform encephalitis, or mad cow disease. With the advent of SARS, CIHR took a three-pronged approach:

- First, CIHR funded, with its many partners in the federal and provincial governments, four research teams in Quebec City, Toronto, Hamilton and Vancouver to understand the severe lung disease caused by the virus, develop a rapid diagnostic test for it, engineer a vaccine and develop antiviral drugs;
- Second, four of CIHR's Institutes, again working with partners, began funding more research teams to examine and evaluate the public health and health care systems' response to the SARS outbreak; and
- Third, CIHR formed the Canadian SARS Research Consortium, a unique public-private partnership that is developing an integrated national and, ultimately, international strategy to coordinate, catalyze and fund research on SARS.



Dr. Katherine Cianflone
McGill University Health Centre

The Canadian health research community was able to respond to the SARS outbreak so quickly and comprehensively in no small part due to the important community-building role played by CIHR's Institute of Infection and Immunity. The Institute worked tirelessly to quickly pull together researchers, funders and policy makers to facilitate the research community's response to SARS.

Obesity: A chronic and growing problem

Obesity is a growing problem worldwide, particularly among children. Children who are obese are placing their long-term health at risk. Obesity is a risk factor for heart disease, stroke, type 2 diabetes and fatty liver and gallbladder disease. Unhealthy eating, being overweight and physical inactivity may be responsible for 30% of cancers in the developed world.

That is why CIHR's Institute of Nutrition, Metabolism and Diabetes declared obesity and maintaining a healthy body weight to be its number one – and only – health research priority. And, in January 2004, it invited all Canadians to join in the effort and “donate their steps” to health research. *Canada on the Move* is a unique partnership involving CIHR and Kellogg Canada in encouraging Canadians to use step counters, or pedometers, to monitor how many steps they take each day and to enter the data at www.canadaonthemove.ca. Health researchers will use that information to identify strategies and factors that encourage a sustained increase in physical activity and reduce obesity.

Health research: revealing the keys to obesity

CIHR-funded researchers are helping to advance knowledge about the causes of obesity, which include both biological and lifestyle components.

- Dr. Katherine Cianflone of the McGill University Health Centre found that a receptor protein found on fat cells may play a role in obesity. Dr. Cianflone found that the protein, C5L2, binds to ASP, a protein that affects fat production and that people who are obese have in high levels. By identifying molecules that block C5L2 activity, we may be able to slow down the fat-producing process, helping to treat obesity in some people.

- Lifestyle plays an important role in the incidence of obesity. Watching TV and playing video games increase a child's likelihood of being overweight or obese by anywhere from 10-61%, while sport and physical activity, whether organized or unorganized, decrease the likelihood by 10-43%. Evidence of the link between physical inactivity and childhood obesity comes from a study of children aged 7-11 by Drs. Mark Tremblay of the University of Saskatchewan and J. Douglas Williams of the University of New Brunswick.

- Obesity can be deadly – one in 10 deaths among adults aged 20-64 is directly attributable to excess weight, according to research conducted by Dr. Peter Katzmarzyk of Queen's University. Obesity-related deaths among this age group have doubled between 1985 and 2000, from 5.3% of all deaths to 9.3%.

3 Developing a Balanced Research Agenda

Finding a cure for disease – it’s guaranteed to get headlines. It requires an intimate understanding of the molecular basis of the disease, how it takes root and how to cut the disease process short – first in the laboratory and then in human patients. But it’s equally important to know how to prevent the disease in the first place, by knowing what the risk factors are, who is at risk, and teaching people how to avoid the risks. It is also important to know how best to deliver the cure through our health care system or, in the absence of a cure, how to most effectively treat and deal with the side effects of disease.

CIHR takes a balanced approach to disease, one that encompasses basic biomedical and clinical research, but also research into health services and systems as well as the health of populations. It funds researchers in disciplines ranging from molecular biology to engineering, from bioinformatics to the social sciences and humanities. Through its programs, CIHR encourages researchers from multiple disciplines to work together to bring the benefit of each of their areas of specialization to solve complex health problems requiring a multi-disciplinary approach. This approach is facilitated by CIHR’s problem-based Institute structure that brings together researchers across geographic and disciplinary boundaries to focus on the health issues that affect Canadians most.

For instance, CIHR is bringing together members of a number of disciplines, including genetics and population health, to undertake a long-term study that will examine the impact of genetics, biology, environment and lifestyle on children’s health. The study, which will require a major investment to follow the children for up to 20 years, was in its planning phase in 2003-04.

Cardiovascular disease provides another example of the balanced approach CIHR takes to research. It is the leading cause of death in Canada, accounting for at least 36% of all deaths, or about 80,000 people each year. More than 450,000 Canadians were hospitalized for cardiovascular disease in 2000. Cardiovascular disease is also the costliest disease affecting Canadians, responsible for \$18.5 billion in expenditures in 1998, 11.8% of the total cost of all illness in Canada.

The first step in preventing heart disease is mapping who is most affected. In Canada, Atlantic Canadians have the highest rate of risk factors for heart disease and the highest risk of dying of it, according to a new atlas of cardiovascular disease in Canada released in 2003-04 by the CIHR-funded Canadian Cardiovascular Outcomes Research Team (CCORT).

CIHR: Addressing the burden of illness

	Burden of Illness Ranking*	Burden of Illness (\$M)*	CIHR Funding** (\$M)
Cardiovascular disease	1	18,473	109
Musculoskeletal diseases (including arthritis)	2	16,381	42
Cancer	3	14,220	94
Injuries	4	12,737	21
Respiratory diseases	5	8,531	38

* Economic Burden of Illness in Canada, 1998 (Table 2), Page 7.

** For funded projects that received a CIHR financial commitment in fiscal year 2003-04.

By identifying geographic areas at highest risk, the team hopes to encourage policy makers to develop programs to help residents avoid heart disease, such as aggressive anti-smoking campaigns.

Equally important is treating those who have heart disease and ensuring they receive the best possible treatments. A major CIHR-funded clinical trial conducted several years ago showed that a drug called Ramipril reduced the risk of heart attack by 25% in high-risk patients and improved survival after heart attack. Now, as reported in October 2003, research carried out by CCORT has found that prescriptions for Ramipril increased by more than 400% in Ontario in the wake of that trial, demonstrating the major impact a clinical trial can have on drug prescribing and utilization.

Surviving a heart attack depends to a large degree to the quality of care received in hospital. In their study of cardiac care in Ontario, Dr. Jack Tu, leader of CCORT, and his team found that as many as 400 lives could be saved each year in Ontario if more heart attack and heart failure patients received needed medications before leaving hospital. The difference, according to researcher Dr. Philip Jong of the University of Toronto, may be care by a cardiologist. He found that cardiologists were more likely than other physicians to prescribe

Who is Jack Tu and why does he know so much about heart disease?

Dr. Jack Tu knows more about cardiovascular disease in Canada than probably any other researcher. That's because he is at the head of the Canadian Cardiovascular Outcomes Research Team (CCORT), a partnered research project with the Heart and Stroke Foundation of Canada and one of 16 Interdisciplinary Health Research Teams funded by CIHR.

Dr. Tu has brought together a team of 25 researchers from Nova Scotia, Quebec, Ontario, Alberta and British Columbia to improve the quality of cardiovascular care in Canada. Seven different projects share one common theme – using health care “report cards” to improve the quality of care.

To date, the project has produced important results that will help physicians provide better treatment to their patients while providing policy makers with the information they need to ensure a consistent quality of care for all people with cardiovascular disease.

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Dr. Jack Tu
Institute for Clinical Evaluative Sciences (ICES)

Face to face and heart to heart

Maxine Vukic has seen something few of us ever will – her own heart.

In August 2001, still in her twenties, Ms. Vukic had a heart transplant. And while her new heart is beating in her chest, her old heart is being analyzed by researchers at the University of British Columbia.

The transplant surgery was the end of a long road that started in early 1996, when Ms. Vukic was diagnosed with an undisclosed heart virus, and ended in transplant surgery in August 2001.

“It was a really long, painful thing to go through,” she remembers.

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Now, researchers at UBC’s iCAPTURE4E Centre are analyzing her heart to find out what went wrong. After her surgery, Ms. Vukic was given a tour of the Centre – and came face to face with her own heart.

“I was standing in front of my diseased heart,” she says, “with my new heart beating inside of me. It was really weird to connect the two together.”

Ms. Vukic says her old heart looked “rather sick,” but is pleased that it could contribute to helping others.

“If researchers can figure out what happened to my heart and prevent it from happening again,” she says, “that’s definitely worth it. Their work will save other people from going through my experience.”

heart failure medication to patients when they were discharged from hospital. This resulted in a lower one-year mortality rate for their patients than for patients who were treated by other physicians (28% compared to 36%). This research is an alert to physicians that they can improve outcomes for their patients by using the latest evidence-based therapies.

No one approach to a pervasive disease such as cardiovascular disease will succeed in reducing its toll. Rather, we need to focus on understanding who is at risk and how to minimize their being afflicted by the disease, how to treat it most effectively when it occurs and how the health care system can be structured to best respond. Only with this balanced approach can we hope to reduce the toll from this debilitating disease, both in terms of productive lives cut short and escalating costs to the health care system.

4 Improving the Health of Vulnerable Populations

In a country with universal access to health care, all citizens should enjoy equal opportunities for health. The reality, however, is that many Canadians, including people living in poverty, those living in rural or remote areas, the homeless, immigrants, refugees and many others, do not have the same access to health services as other Canadians and do not enjoy the same health status. For instance, Canada's Aboriginal Peoples have lower life expectancies, higher infant mortality rates and higher rates of HIV infection and diseases such as diabetes and tuberculosis.

Life expectancy at birth:

First Nations	male: 68.9	female: 76.6
Inuit (Nunavut)	male: 67.7	female: 70.2
Canadians	male: 76.3	female: 81.8

Since so many of the determinants of health, such as income, education and housing, lie outside the health care system, reducing these inequities is a complex process that requires the dedication of many different disciplines and sectors. CIHR is committed to supporting research that will improve the health status of Canada's vulnerable populations. In September 2003, in partnership with the National Secretariat on Homelessness, CIHR announced an investment of more than \$1.2 million for research to reduce health disparities and improve the health of vulnerable populations.

This goal must be achieved in collaboration with these populations. Many Aboriginal communities, for example, have had negative experiences in the past with health researchers who arrived without consulting the community and left without explaining the findings of their research.

Today, to redress those past experiences, the CIHR Institute of Aboriginal Peoples' Health is working in close collaboration with communities. To help ensure that health research is carried out with the full support and benefit of communities, the Institute began a process in 2003-04 to make explicit a detailed code of research ethics that articulates realistic roles and expectations for both researchers and communities. As well, during 2003-04, it funded six community-based health research projects, projects that build close partnerships between scientists and communities and involve communities at every stage of the research.

The community-based projects are breaking down barriers between researchers and Aboriginal communities by training health researchers who come from Aboriginal communities. An advisory board with a majority of Aboriginal members ensures that an Aboriginal viewpoint is included and that the needs of the community are respected. There are now eight Aboriginal health research centres across the country (in British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, Quebec and Nova Scotia), supporting 54 undergraduate students, 26 master's students, 21 doctoral candidates and 5 post-doctoral fellows. Dr. Éric Dewailly, a noted researcher on the impact of western lifestyles on the Inuit, is leading the Centre for Inuit Health and Changing Environments, based in Quebec City.

Rural and northern residents are also vulnerable by virtue of their distance from many of the health services and practitioners that urban residents take for granted. CIHR is investing \$500,000 in projects that address the health needs of rural and northern residents. Among the

United against Diabetes

In the 1980s, Mohawk elders in the community of Kahnawake, Quebec, became concerned about high rates of diabetes in community members and decided that focusing on children was the answer. The Kahnawake Schools Diabetes Prevention Project (KSDPP), formed in 1994, focused on reducing the behaviours that were leading to diabetes, especially diet and exercise.

The health outcomes – reversing the growing incidence of diabetes – will take time to achieve. But KSDPP has had the immediate benefit of involving the entire community in making a commitment to living more healthy lives, by understanding the links between lifestyle and disease and planning and implementing research that will have tangible results.

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KSDPP offers cooking classes and harvest fairs to promote healthy eating. It sponsors winter carnivals, soap

box derbies, Mohawk Miles and other family events to encourage physical activity. And it conveys the dangers of diabetes to other Aboriginal communities through the Wampum Walk, which was created by an elder in 1997 to revive an ancient First Nations tradition of communicating with neighbouring nations. A wampum belt with a symbolic message (“our blood is too sweet”) has been carried on foot, bicycle and by canoe to share the message.

Thanks in part to five-year funding from CIHR, the KSDPP Centre for Research and Training in Diabetes Prevention, under the leadership of Dr. Ann Macaulay, now shares the KSDPP model with other communities.

recipients of funding is Dr. Judith Guernsey of Dalhousie University, who is studying the unique health challenges facing rural and remote Canadians, focusing largely on Atlantic Canada.

Concern for vulnerable populations extends beyond Canada’s borders, to encompass all countries of the world. CIHR is helping to address the 10/90 Gap, whereby only 10% of the \$73.5 billion (US) that was invested in health research worldwide in 1998 was allocated to the health problems of 90% of the world’s population. In March 2004, CIHR presented its Distinguished Investigator Award to Dr. Peter Singer of the University of Toronto’s Joint Centre for Bioethics. Dr. Singer is one of Canada’s leading bioethicists, specializing in the fields of bioethics and global health. His research develops and implements policy



interventions to help prevent a 'genomics divide' between industrialized and developing countries. The science of genomics promises to revolutionize health-related sciences, which have been energized by the human genome project and the knowledge it is generating. Dr. Singer wants to harness the potential benefits of genomics in order to improve global health equity.



Dr. Éric Dewailly
Laval University

5 Supporting Health Innovations

There has been remarkable progress over the past decade in our fundamental understanding of human biology. Today, the challenge is to convert these discoveries into innovations that will lead to new ways to maintain a healthy population and prevent disease, as well as diagnose and treat it when it occurs. We need to ensure that where there is evidence to inform decisions, we use it to strengthen our health care system. The process of transforming knowledge into action is complex; nonetheless, it is essential if Canadians are to realize the exceptional value of federally funded health research.

CIHR is unique in that its mandate calls upon the organization to translate new knowledge into “improved health for Canadians, more effective health services and products and a strengthened Canadian health care system”. Throughout 2003-04, CIHR continued to support research on knowledge translation (KT), to learn more about the most effective strategies and techniques to disseminate and exchange knowledge created through health research.

Dr. Jeremy Grimshaw of the University of Ottawa is a world-leading expert in knowledge translation and one of two recipients of CIHR’s first Knowledge Translation Award. Dr. Grimshaw came to Canada from Scotland, attracted by the outstanding support he could receive to move his research forward. His research focuses on four key areas: systematic reviews of interventions to improve health service delivery and systems; evaluation of KT strategies; development of a theoretical basis for KT; and a situational analysis of Canadian KT activities. Known

for his creativity, innovation and uniqueness and for his commitment to high scientific standards, Dr. Grimshaw is assisting health researchers across the country to transform their research into practice.

Occupational Health and Safety Agency for Healthcare

The Occupational Health and Safety Agency for Healthcare, under the leadership of Executive Director Dr. Annalee Yassi, has helped to reduce British Columbia’s injury rate for the health care industry by 27% and annual days lost per 100 full-time employees by 38% since 1999. It has succeeded by combining world scientific knowledge with local knowledge to identify and implement best practices.

The Agency was created by health care unions and employers working together to combat skyrocketing injury rates among health care workers. It currently has more than 50 studies underway, focusing on topics ranging from preventing exposure to blood-borne pathogens and SARS to violence prevention.

The Agency also leads a CIHR Community Alliance for Health Research project initiated by Dr. Yassi entitled “Making Healthcare a Healthier Place to Work: A Partnership of Partnerships”. For its accomplishments, the Agency was one of the first two recipients of CIHR’s Knowledge Translation Award, in March 2004.



Dr. Neil Reiner
University of British Columbia

Many of the bacteria that cause infections in hospitals are antibiotic-resistant. Dr. Neil Reiner of the University of British Columbia is addressing this issue and has discovered a strategy for drug targeting that could lead to new, more effective antibiotics for hospital-acquired infections and many infectious diseases.

He and his colleagues have found that certain essential proteins that are present in both microbes and humans are remarkably similar — yet different in key areas. With this information, the team is targeting these areas of distinctness, in the belief that there is less chance of toxicity and greater likelihood of effectiveness. Testing to date has shown that targeting these proteins can have an antibiotic effect. He is now using CIHR support to test this new strategy with candidate drugs.

The marketplace is also a key means of knowledge translation, making new health products and services available to Canadians. During 2003-04, CIHR expanded its commercialization strategy to catalyze innovation and move health research from the academic setting to the marketplace. With the strategy's three streams of mobilizing research, developing people and building partnerships, CIHR is building on its current suite of programs to encourage innovation. This will result in improved health for Canadians, more effective health services and products and a strengthened economy.

CIHR's innovative programs help transform today's health research discoveries into tomorrow's health care solutions. They encourage the development of innovative new diagnostic methods and therapies that save lives and reduce the economic burden of ill health.

One in 20 Canadians over age 65 and one in four over

age 85 is affected by Alzheimer's disease. The cognitive decline that occurs as a result of this and other neurodegenerative diseases is linked to amyloid deposition. Dr. JoAnne McLaurin of the University of Toronto has developed small carbohydrate-based molecules that inhibit amyloid deposition, reducing cognitive decline. She has shown that the molecule works in animal models.

Now, with support from CIHR, she is working with Toronto's Ellipsis Biotherapeutics Corporation to carry out the toxicology tests that are a necessary precursor to human clinical trials. If these are successful, physicians will have a new weapon in the battle against Alzheimer's and other neurodegenerative diseases.

Providing Stewardship and Accountability

CIHR reports to Parliament through the Minister of Health. Its Governing Council is chaired by CIHR's President and comprises 20 Canadians who have been appointed by Order-in-Council to renewable three-year terms. Council members represent a wide range of backgrounds and disciplines, reflecting CIHR's broad mandate and vision.

Governing Council 2003-04

Dr. Alan Bernstein (Chair)

Dr. Denise Alcock

(term ended June 2003)

Dr. Stephanie Atkinson

Dr. Françoise Baylis

Dr. Michel A. Bureau

Dr. Alastair Cribb

Dr. Nancy Edwards

(as of Sept. 2003)

Mr. Hubert Gauthier

Dr. Philippe Gros

Dr. Kevin Keough

Dr. Malcolm King

Mr. Steven Lewis

Dr. Victor Ling

Dr. Louise Nadeau

Dr. David Naylor

Dr. Rodney Ouellette

Dr. Sarah Prichard

Dr. Carol Richards

Mr. Joseph Rotman

Dr. Robert Sheldon

(as of April 2003)

Mr. Ian Green

(ex-officio)



Governing Council
Ottawa

Focus on Institutes

CIHR consists of 13 Institutes, each headed by a Scientific Director who is a leader in his or her field. Scientific Directors receive guidance from their Institute Advisory Boards, made up of volunteers from all areas of the health research community, including those who fund research, those who carry it out and those who use its results.

The following is a list of all 13 CIHR Institutes and their Scientific Directors.

ABORIGINAL PEOPLES' HEALTH

Dr. Jeff Reading

Victoria, British Columbia

Strives to improve the health of First Nations, Inuit and Métis people by supporting innovative research programs based on scientific excellence and Aboriginal community collaboration. It supports health research that respects Aboriginal cultures, while generating new knowledge to improve the health and well-being of Aboriginal people.

AGING

Dr. Anne Martin-Matthews

Vancouver, British Columbia

Supports research on the aging processes (biological, psychological, sociological), the age-related diseases and disabilities, the conditions associated with aging, the emerging needs of people as they age, and health services to the elderly population.

CANCER RESEARCH

Dr. Philip Branton

Montreal, Quebec

Supports research to reduce the burden of cancer on individuals and families through prevention strategies, screening, diagnosis, effective treatment, psychosocial support systems and palliation. ICR develops strategic

research initiatives in the following priority areas: palliative and end of life care, molecular profiling of tumours, clinical trials, early detection of tumours, risk behaviour and prevention, and molecular and functional imaging.

CIRCULATORY AND RESPIRATORY HEALTH

Dr. Bruce McManus

Vancouver, British Columbia

Supports research into causes, prevention, screening, diagnosis, treatment, support systems, and palliation for a wide range of conditions associated with the heart, blood vessels, lung, brain in regards to vascular integrity, blood, sleep, and critical/intensive care.

GENDER AND HEALTH

Dr. Miriam Stewart

Edmonton, Alberta

Supports research to address how sex (biological factors) and gender (socio-cultural experiences) interact with other factors that influence health to create conditions and problems that are unique, more prevalent, more serious or different with respect to risk factors or effective interventions for women and girls, men and boys.

GENETICS

Dr. Roderick R. McInnes

Toronto, Ontario

Supports research on the human and other genomes and on all aspects of genetics, basic biochemistry and cell biology related to health and disease, including the translation of knowledge into health policy and practice, and the societal implications of genetic discoveries.

HEALTH SERVICES AND POLICY RESEARCH

Dr. Morris Barer

Vancouver, British Columbia

Dedicated to supporting innovative research, capacity-building and knowledge translation initiatives designed to improve the way health care services are organized, regulated, managed, financed, paid for, used and delivered, in the interest of improving the health and quality of life of all Canadians.

HUMAN DEVELOPMENT, CHILD AND YOUTH HEALTH

Dr. Michael Kramer

Montreal, Quebec

Supports research to enhance maternal, child and youth health and to address causes, prevention, screening, diagnosis, treatment, short- and long-term support needs and palliation for a wide range of health concerns associated with reproduction, early development, childhood and adolescence.

INFECTION AND IMMUNITY

Dr. Bhagirath Singh

London, Ontario

Supports and champions research to enhance immune-mediated health and to reduce the burden of infectious disease, immune-mediated disease and allergy through prevention strategies, screening, diagnosis, treatment, support systems for knowledge translation and palliation.

MUSCULOSKELETAL HEALTH AND ARTHRITIS

Dr. Cyril Frank

Calgary, Alberta

Committed to sustaining health and enhancing quality of life by eradicating the pain, suffering and disability caused by arthritis, musculoskeletal, oral and skin conditions. To this end, IMHA's actions and initiatives are guided by three strategic themes – physical activity, mobility and health; tissue injury, repair and replacement; pain, disability and chronic disease.

NEUROSCIENCES, MENTAL HEALTH AND ADDICTION

Dr. Rémi Quirion

Montreal, Quebec

Supports research to enhance mental health, neurological health, vision, hearing and cognitive functioning and to reduce the burden of related disorders through prevention strategies, screening, diagnosis, treatment, support systems and palliation. Associated research will advance our understanding of human thought, emotion, behaviour, sensation (sight, hearing, touch, taste, smell), perception, learning and memory.

NUTRITION, METABOLISM AND DIABETES

Dr. Diane Finegood

Burnaby, British Columbia

Supports research to enhance health in relation to diet, digestion, excretion and metabolism; and to address causes, prevention, screening, diagnosis, treatment, support systems and palliation for a wide range of conditions and problems associated with hormone, digestive system, kidney and liver function.

POPULATION AND PUBLIC HEALTH

Dr. John Frank

Toronto, Ontario

Supports research into the complex interactions (biological, social, cultural, environmental) that determine the health of individuals, communities and global populations and how that knowledge can be applied to improve the health of both populations and individuals.

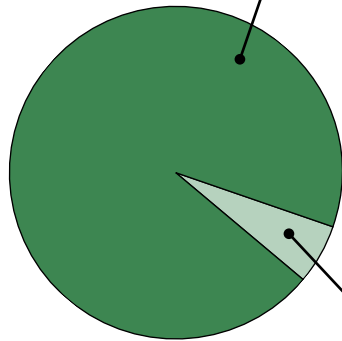
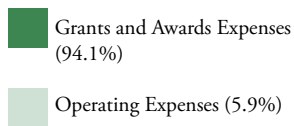
Management Discussion and Analysis

Fiscal year 2003-04 was CIHR's fourth year of operation since its creation by legislation in June 2000. Since that time, CIHR's budget has increased by \$328M.

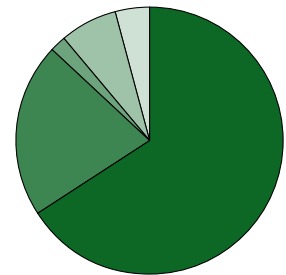
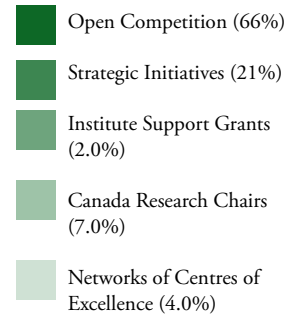
In 2003-04, CIHR funded 8,254 grants and awards for a total investment of \$646.9M. This includes the funding of 11 Networks of Centres of Excellence and 351 Canada Research Chairs.

CIHR's operating expenditures in 2003-04 totalled \$41.3M, of which \$23.5M (57%) was for salary and employee benefits and \$17.8M (43%) for non-salary expenditures.

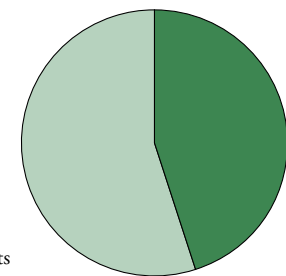
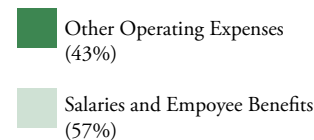
2003-04 Expenditures \$688M



Grants and Awards Expenditures \$647M



Program Delivery and Operating Expenditures \$41M



Note: Expenditures do not include Donations for Research and Endowments for Health Research.

Highlights

- Overall growth in CIHR's budget was 11.9% over 2002-03.
- Participation in strategic initiatives by partners from government, the voluntary and the private sectors attracted \$76.7M in additional funding for grants and awards.
- CIHR's Institute-led Requests for Applications (RFAs) for the funding of strategic initiatives increased from 48 in 2002-03 to 84 in 2003-04.
- The number of grants and awards increased to 8,254 in 2003-04 from 7,504 in 2002-03, an increase of 10%.
- The ratio of operating expenditure to total budget has been maintained at less than 6%.
- The Operating Budget incurred a surplus of \$5.987M, or about 12% of Budget. The amount that will be carried forward into fiscal 2004-05 will total approximately \$2M.
- In the CIHR Grants Budget a significant lapse in funds earmarked for the Canada Research Chairs Program (CRC) was forecast. Because of this, the Treasury Board of Canada placed \$32M of CIHR's Grants Budget into a frozen allotment that was allowed to lapse, as a contribution to the Government's expenditure reduction program. The nature of this program is such that there will be no impact on the capacity of CIHR to fund Chairs in the health component of the program in subsequent years. The remaining lapse in the Grants Budget is also primarily attributable to the Canada Research Chairs Program.

Key Financial Results (Year 2003-04)

(i) Operating Expenses

(in thousands of dollars)

• Capital Asset Additions		1,491
• Salaries and Employee Benefits		23,470
• Other Operating Expenses		17,799
• Number of Full Time Equivalents	288	
• Percentage of Operating Expenses to Total	5.9%	

(ii) Grants and Awards*

(in thousands of dollars)

• Total Grants and Awards		646,855
<i>Total Number of Grants and Awards</i>	8,254	
• Expenses in Research Grants		521,215
<i>Number of Research Grants</i>	4,974	
• Expenses in Salary Support Awards		38,516
<i>Number of Salary Support Awards</i>	734	
• Expenses in Research Training Awards		37,960
<i>Number of Research Training Awards</i>	1,692	

* Includes Knowledge Translation, Institute Support Grants, Canada Research Chairs and Networks of Centres of Excellence.

Affiliation of Grants and Awards to Institutes (Year 2003-04)

Applicants are asked to select a CIHR Institute by matching their research areas and objectives to Institute research mandates. Networks of Centres of Excellence, Canada Research Chairs, and Donations for Research are not included in these figures.

Institute	No. of Grants and Awards	Total Funded (in thousands of dollars)	Percent of Total
Aboriginal Peoples' Health	76	10,167	1.8
Aging	204	15,316	2.7
Cancer	635	47,628	8.3
Circulatory and Respiratory Health	832	68,612	11.9
Gender and Health	103	9,537	1.7
Genetics	622	53,636	9.3
Health Services and Policy Research	318	20,796	3.6
Human Development, Child and Youth Health	396	39,069	6.8
Infection and Immunity	723	63,951	11.1
Musculoskeletal Health and Arthritis	385	28,673	5.0
Neurosciences, Mental Health and Addiction	1,160	85,586	14.9
Nutrition, Metabolism and Diabetes	485	39,419	6.8
Population and Public Health	292	23,083	4.0
Unable to allocate	1,318	70,109	12.2
	7,549	575,583	100.0

Outlook 2004-05

CIHR continues to focus on achieving an appropriate balance between open competitions and strategic initiatives. The goal is to ensure that CIHR funding programs are well positioned in the future to address specific health research priorities and opportunities. Maintaining this balance however, increases the complexity of financial planning for 2004-05 and beyond.

Health research is a long-term endeavor that requires multi-year financial commitments. Thorough financial planning is required to manage risk associated with potential differentials between commitments to grants and awards and the funding expected from Parliament.

In its February 2004 Budget, the federal government announced an additional \$39M in annual funding for CIHR in fiscal year 2004-05 and beyond. This will enable CIHR to further increase its investments in strategic initiatives, including programs in commercialization and knowledge translation.

Peer Review

The peer-review system ensures that CIHR's funding process is fair and open, that taxpayers' money is spent wisely and that only the best and brightest researchers are funded. Each year, CIHR receives thousands of funding applications. Each application is evaluated by a peer-review committee composed of a number of volunteer reviewers who write detailed reports on its strengths and weaknesses. Through a process of consensus, the committee arrives at a numerical rating for each proposal. As a result, only those that meet internationally accepted standards of excellence are funded.

The peer-review process is the backbone upon which CIHR's reputation for excellence rests. Peer reviewers are accountable to the wider research community and help to ensure that CIHR is accountable to the Government of Canada for the money it invests in health research. CIHR recognizes the dedication of over 2,575 experts who volunteered their time on one of CIHR's peer-review committees during the period from April 1, 2003 to March 31, 2004 and thanks them for their continued contribution to improving the lives of Canadians. CIHR also appreciates the efforts of thousands of external referees who submitted written reports for consideration by the peer-review committees.



*Dr. Janice E. Graham
Dalhousie University
Member of CIHR's Health Ethics, Law and
Humanities Peer Review Committee*

Operating Grant Programs

Behavioural Sciences - A

GREENSHAW, Andrew J
MURPHY, Kathryn M
GREENSHAW, Andrew J
WOODSIDE, Barbara C
 BAKER, Curtis L
 BUB, Daniel N
 CARRIER, Julie
 CODERRE, Terence J
 CURRIE, R. W
 EUBANKS, James H

University of Alberta
McMaster University
University of Alberta
Concordia University
 McGill University
 University of Victoria
 Université de Montréal
 McGill University
 Dalhousie University
 Toronto Western Hospital

FRANKLIN, Keith B
 KAPUR, Shitij

 KLEIM, Jeffrey A
 LEYTON, Marco
 LUPIEN, Sonia J
 MCINTOSH, Anthony R
 ROMPRE, Pierre-Paul
 SWINDALE, Nicholas V
 WYNNE-EDWARDS, Katherine E

McGill University
 The Centre for Addiction and Mental Health
 University of Lethbridge
 McGill University
 Douglas Hospital Research Centre
 Rotman Research Institute
 Université de Montréal
 University of British Columbia
 Queen's University

Behavioural Sciences - B

ALDA, Martin
GILL, Kathryn J
NORMAN, Ross M
 BARDEN, Nicholas
 BASSETT, Anne S
 BELLEVILLE, Sylvie N

 BRYSON, Susan E
 DAGHER, Alain
 GEJMAN, Pablo V
 GRADY, Cheryl L

Dalhousie University
McGill University
University of Western Ontario
 Université Laval
 University of Toronto
 Institut universitaire de gériatrie de Montréal
 Dalhousie University
 Montreal Neurological Institute
 Northwestern University (Illinois)
 Baycrest Centre for Geriatric Care

HEGADOREN, Kathleen M
 HONER, William G
 JOOBER, Ridha
 LE MELLEDO, Jean-Michel
 LEPAGE, Martin
 MACQUEEN, Glenda M
 NORMAN, Ross M
 YATHAM, Lakshmi N
 YOUNG, L. T

 ZIPURSKY, Robert B

University of Alberta
 University of British Columbia
 Douglas Hospital Research Centre
 University of Alberta Hospital
 McGill University
 Hamilton Psychiatric Hospital
 University of Western Ontario
 University Hospital at U.B.C.
 The Centre for Addiction and Mental Health
 University of Toronto

Behavioural Sciences - C

MURPHY, Kathryn M
STRAUSS, Esther H
 BUB, Daniel N
 BUSHNELL, Mary C
 CARRIER, Julie
 CONNOLLY, John F

McMaster University
University of Victoria
 University of Victoria
 McGill University
 Université de Montréal
 Dalhousie University

HARRIS, Laurence R
 HARRISON, Robert V
 LEYTON, Marco
 MCINTOSH, Anthony R
 MENON, Ravi S
 SWINDALE, Nicholas V

York University
 University of Toronto
 McGill University
 Rotman Research Institute
 Robarts Research Institute
 University of British Columbia

Biochemistry & Molecular Biology - A

DAVIES, Peter L
WRIGHT, Gerard D
LEMIRE, Bernard D
 BEARNE, Stephen L
 BERGHUIS, Albert M
 EKIEL, Irena
 ELCE, John S
 FRASER, Paul E
 GLOVER, John Newman M
 JIA, Zongchao

Queen's University
McMaster University
University of Alberta
 Dalhousie University
 McGill University
 National Research Council of Canada
 Queen's University
 University of Toronto
 University of Alberta
 Queen's University

LYTTON, Jonathan
 MAJOR, François
 MCINTOSH, Lawrence P
 MICHNICK, Stephen W
 NICHOLSON, Allen W
 PRIVE, Gilbert G
 SEN, Dipankar
 SHAROM, Frances J
 TANNER, Martin E

University of Calgary
 Université de Montréal
 University of British Columbia
 Université de Montréal
 Temple University (Pennsylvania)
 Princess Margaret Hospital
 Simon Fraser University
 University of Guelph
 University of British Columbia

Biochemistry & Molecular Biology - B

RAYMOND, Martine

BROCK, Hugh W
 AUSIO, Juan
 AUTEXIER, Chantal

 BELHUMEUR, Pierre
 BLENCOWE, Benjamin J

Institut de recherches cliniques de Montréal
University of British Columbia
 University of Victoria
 Sir Mortimer B. Davis Jewish General Hospital
 Université de Montréal
 University of Toronto

CORDES, Sabine P
 FEATHERSTONE, Mark S
 FUNNELL, Barbara E
 HANIFORD, David B
 LEES-MILLER, Susan P
 NODWELL, Justin R
 REHA-KRANTZ, Linda J
 SADOWSKI, Ivan J

University of Toronto
 McGill University
 University of Toronto
 University of Western Ontario
 University of Calgary
 McMaster University
 University of Alberta
 University of British Columbia

Legend

Chairperson
Scientific Officer

Biological and Clinical Aspects of Aging

RYLETT, Jane R
CHERTKOW, Howard M

TODD, Kathryn G
CASHMAN, Neil R
COHEN, Henri
CORRIVEAU, Hélène
GALEA, Liisa A
GREENWOOD, Carol E

Robarts Research Institute
Lady Davis Institute for Medical Research
University of Alberta
University of Toronto
Université du Québec à Montréal
Université de Sherbrooke
University of British Columbia
University of Toronto

HOGAN, David B
JUURLINK, Bernhard H
LORRAIN, Dominique
MAYNE, Michael B
MCILROY, William E
MURTHA, Susan J
ORANGE, Joseph B
PATTERSON, Christopher J
TODD, Kathryn G

University of Calgary
University of Saskatchewan
Université de Sherbrooke
University of Prince Edward Island
University of Toronto
York University
University of Western Ontario
Hamilton Health Sciences
University of Alberta

Biomedical Engineering

WOODHOUSE, Kimberly A
DESLAURIERS, Roxanne M
MACKAY, Alexander L
BOLINGER, Lizann
BUSCHMANN, Michael D
DELUZIO, Kevin J
DUNCAN, Neil A
JOHNSON, James A
KOZLOWSKI, Piotr
LEE, Ting-Yim

University of Toronto
University of Manitoba
University of British Columbia
National Research Council of Canada
École polytechnique de Montréal
Dalhousie University
University of Calgary
St. Joseph's Health Care
University of British Columbia
Robarts Research Institute

MACKAY, Alexander L
PIKE, G. Bruce
ROWLANDS, John A

SANTERRE, J. Paul
SAVARD, Pierre
ULUDAG, Hasan
WRIGHT, Graham A
WYSS, Urs P

University of British Columbia
McGill University
Sunnybrook and Women's College
Health Sciences Ctr
University of Toronto
École polytechnique de Montréal
University of Alberta
University of Toronto
Queen's University

Cancer Progression and Therapeutics (formerly Cancer B)

ALAOUI-JAMALI, Moulay A

DURAND, Ralph E
BERTRAND, Richard

BROWN, Christopher B
CARUSO, Manuel P
DROBETSKY, Elliot A
EGAN, Sean E
ELLIOTT, Bruce E
HICKS, Geoffrey G

Sir Mortimer B. Davis Jewish General Hospital

University of British Columbia
Centre Hosp. de l'Université de Montréal

University of Calgary
Université Laval
Centre de recherche Guy-Bernier
Hospital for Sick Children
Queen's University
University of Manitoba

KORBELIK, Mladen
LIU, Fei-Fei
MURRAY, David
POIRIER, Guy G

RAMOTAR, Dindial
STEWART, Alexander K
TONIN, Patricia N
TSAO, Ming-Sound
TURLEY, Eva A
WILSON, Brian C

University of British Columbia
Princess Margaret Hospital
Cross Cancer Institute
Centre Hospitalier Universitaire de Québec
Hôpital Maisonneuve-Rosemont
Princess Margaret Hospital
McGill University
University of Toronto
London Regional Cancer Centre
Princess Margaret Hospital

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Legend

Chairperson
Scientific Officer

Cardiovascular System - A

KARMAZYN, Morris
KIRSCHENBAUM, Lorrie A
ALLARD, Michael F
ALLEN, Bruce G
BACKX, Peter H
CLANACHAN, Alexander S
DRYSDALE, Thomas A
DUFF, Henry J
FLIEGEL, Larry
GIAID, Adel

University of Western Ontario
University of Manitoba
St. Paul's Hospital, Vancouver
Université de Montréal
Toronto General Hospital
University of Alberta
St. Joseph's Health Care
University of Calgary
University of Alberta
McGill University

HIRSCH, Gregory M

HUSAIN, Mansoor
JONES, Douglas L
MAGDER, Sheldon A
MAK, Alan S
MCDERMOTT, John C
PARENT, Lucie
PARKER, Thomas G
TOUYZ, Rhian M

Queen Elizabeth II Health Science Centre
University of Toronto
University of Western Ontario
McGill University
Queen's University
York University
Université de Montréal
St. Michael's Hospital
Institut de recherches cliniques de Montréal

Cardiovascular System - B

NATTEL, Stanley
LIU, Peter P
LOGAN, Alexander G
ARNOLD, J. Malcolm O
BEANLANDS, Rob S
DESCHEPPER, Christian F

FENG, Qingping
GAUDET, Daniel
GENEST, Jacques Jr.

Montréal Heart Institute
Toronto General Hospital
University of Toronto
London Health Sciences Centre
University of Ottawa
Institut de recherches cliniques de Montréal
University of Western Ontario
Université du Québec à Chicoutimi
Royal Victoria Hospital

GILLIS, Anne M
JACOBS-KAUFMAN, Susan E
LEENEN, Frans H
LOGAN, Alexander G
LUCAS, Alexandra R
MICHALAK, Marek S
RIVARD, Alain
RUSSELL, James A
TER KEURS, Hendrik E
TSUSHIMA, Robert G

University of Calgary
University of Alberta
University of Ottawa
University of Toronto
Robarts Research Institute
University of Alberta
Université de Montréal
St. Paul's Hospital
University of Calgary
University of Toronto

Cardiovascular System - C

TRIGGLE, Christopher R
LEBLANC, Normand R
ARCHER, Stephen L
BENDECK, Michelle P
BROCHU, Michèle
DIXON, Ian Michael C
FILEP, Janos G
HINEK, Aleksander
JACQUES, Danielle

University of Calgary
University of Nevada (Reno)
University of Alberta
University of Toronto
Université de Montréal
University of Manitoba
Université de Montréal
Hospital for Sick Children
Université de Sherbrooke

KUBES, Paul
KVIETYS, Peter R
LAHER, Ismail
LAMONTAGNE, Daniel
MICHELAKIS, Evangelos D
O'BRIEN, Edward R
SIROIS, Martin G
STEWART, Duncan J

University of Calgary
University of Western Ontario
University of British Columbia
Université de Montréal
University of Alberta
University of Ottawa Heart Institute
Université de Montréal
St. Michael's Hospital

Cell Biology and Mechanisms of Disease (formerly Pathology and Morphology)

LAIRD, Dale W
NABI, Ivan R
AITCHISON, John D

AKIMENKO, Marie-Andrée
AULD, Vanessa J
DAVID, Samuel
FORSYTH, Peter A
GERMAIN, Lucie

University of Western Ontario
Université de Montréal
Institute for Systems Biology
(Seattle, WA)
University of Ottawa
University of British Columbia
McGill University
Tom Baker Cancer Centre, Calgary
Université Laval

GLOVER, John R
HOODLESS, Pamela A
NGSEE, Johnny K
RACHUBINSKI, Richard A
ROSKELLEY, Calvin D
WANG, Zhixiang
WEAVER, Lynne C

University of Toronto
B.C. Cancer Research Centre
University of Ottawa
University of Alberta
University of British Columbia
University of Alberta
John P. Robarts Research Institute

Cell Physiology

ANDREWS, David W
JASMIN, Bernard J
BOURGOIN, Sylvain G
CASEY, Joseph (Joe) R
CHEN, Wayne S
DESJARDINS, Michel
FERNS, Michael J
HEBERT, Terence E
LINSDELL, Paul
LITCHFIELD, David W
MCCULLOCH, Christopher A

McMaster University
University of Ottawa
Centre hospitalier de l'Université Laval
University of Alberta
University of Calgary
Université de Montréal
University of California (Davis)
Université de Montréal
Dalhousie University
University of Western Ontario
University of Toronto

MCPHERSON, Peter S
MEGENEY, Lynn A
MOLDAY, Robert S
OVSENEK, Nicholas C
QUARMBY, Lynne M
ROBBINS, Stephen M
STANKOVA, Jana
TIBERI, Mario
TRIMBLE, William S
WOZNIAC, Richard W
YEH, Wen-Chen

McGill University
Ottawa Health Research Institute
University of British Columbia
University of Saskatchewan
Simon Fraser University
University of Calgary
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Children's Health

AVISON, William R
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Clinical Investigation - A

CHEMTOB, Sylvain
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CHEUNG, Po-Yin
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GAGNON, Robert

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Clinical Investigation - B

SENÉCAL, Jean-Luc
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GOLDSTEIN, Rose
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CARETTE, Simon
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GREIDANUS, Nelson

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LAJEUNESSE, Daniel
MAHOMED, Nizar N
MOURAD, Walid M
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RAUCH, Joyce

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Dental Sciences

FRENETTE, Michel LAVIGNE, Gilles J DIXON, S. J CVITKOVITCH, Dennis G FEINE, Jocelyne S GRYNPAS, Marc D PUTNINS, Edward E	Université Laval Université de Montréal University of Western Ontario University of Toronto McGill University Mount Sinai Hospital University of British Columbia	ROBERTS, Clive R SODEK, Jaroslav ST-ARNAUD, René TABRIZIAN, Maryam UNDERHILL, T. Michael WIDMER, Charles G	University of British Columbia University of Toronto McGill University McGill University University of Western Ontario University of Florida (Gainesville)
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Developmental Biology

CLARKE, Hugh J KIDDER, Gerald M KIDDER, Gerald M BOULIANNE, Gabrielle L CROSS, James C ELLIS, James R JEANNOTTE, Lucie KAO, Kenneth R	McGill University University of Western Ontario University of Western Ontario Hospital for Sick Children University of Calgary Hospital for Sick Children Hôtel-Dieu de Québec Memorial University of Newfoundland	LASKO, Paul F LOHNES, David L MAINS, Paul E NAUS, Christian C WATSON, Andrew J	McGill University Institut de recherches cliniques de Montréal University of Calgary University of British Columbia University of Western Ontario
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Endocrinology

LYE, Stephen J RIVEST, Serge WHITE, John H DAY, Robert A GOODYER, Cindy G HAMMOND, Geoffrey L HAN, Victor Khin M HILL, David J HOLLENBERG, Anthony N	Mount Sinai Hospital Centre hospitalier de l'Université Laval McGill University Université de Sherbrooke McGill University University of British Columbia University of Western Ontario Lawson Research Institute Beth Israel Deaconess Medical Center (Boston)	KENNEDY, Thomas G LABRIE, Claude MATTHEWS, Stephen G MURPHY, Liam J MYATT, Leslie PATERNO, Gary D POLYCHRONAKOS, Constantin SHERWOOD, Nancy M SULLIVAN, Robert WHEELER, Michael B WHITE, John H	University of Western Ontario Université Laval University of Toronto University of Manitoba University of Cincinnati (Ohio) Memorial University of Newfoundland McGill University University of Victoria Université Laval University of Toronto McGill University
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Experimental Medicine

COLLINS, Stephen M LILLICRAP, David P VANNER, Stephen J ALVAREZ, Fernando BICHET, Daniel-Georges CHADEE, Khrisendath GOODYER, Paul R HAYWARD, Catherine P ISENRING, Paul	McMaster University Queen's University Queen's University Hôpital Sainte-Justine Université de Montréal McGill University Montreal Children's Hospital McMaster University Hôtel-Dieu de Québec	KENNEDY, Christopher R LILLICRAP, David P MCKAY, Derek M PRYZDIAL, Edward L RABBANI, Shafaat A SHARKEY, Keith A STEVENSON, Mary M SWAIN, Mark G	University of Ottawa Queen's University McMaster University University of British Columbia McGill University University of Calgary The Res. Inst. of the McGill University Health Ctr University of Calgary
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Legend

Chairperson

Scientific Officer

Gender, Sex and Health

ERICKSON, Patricia G STEWART, Donna E BEATTIE, B. L BOURGEAULT, Ivy L BOUTILIER, Marie FORTIER, Michel A	The Centre for Addiction and Mental Health University Health Network University of British Columbia McMaster University University of Toronto Université Laval	GIBSON, Margaret C HORNE, Gabrielle S STRYCHAR, Irene TCHERNOF, André VAN TIL, Linda D WADE, Terrance J	St. Joseph's Health Care Dalhousie University Université de Montréal Université Laval P.E.I. Department of Health and Social Services Brock University
---	---	--	---

Genetics

GRAVEL, Roy A ROMMENS, Johanna M ROULEAU, Guy A BRAIS, Bernard BROWN, Carolyn J DROUIN, Régén FOULKES, William D HEGELE, Robert A HOGUE, Christopher W KORNELUK, Robert G KOTHARY, Rashmi K LABUDA, Damian RANCOURT, Derrick E	University of Calgary Hospital for Sick Children Centre Hosp. de l'Université de Montréal Centre Hosp. de l'Université de Montréal University of British Columbia Université de Sherbrooke McGill University John P. Robarts Research Institute Samuel Lunenfeld Research Institute Children's Hospital of Eastern Ontario Ottawa Health Research Institute Université de Montréal University of Calgary	RANNALA, Bruce H ROMMENS, Johanna M SCHULTZ, Michael C SIMPSON, Elizabeth M SPENCE, Andrew M SURETTE, Michael G	University of Alberta Hospital for Sick Children University of Alberta University of British Columbia University of Toronto University of Calgary
---	---	--	--

Genomics

NELSON, David L
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GOODMAN, Nathan (Nat)

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HIETER, Philip (Phil) A
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OLSEN, Gary J
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Caprion Pharmaceuticals

Groups

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Health Ethics, Law and Humanities

BRUNK, Conrad
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Health Information and Promotion Research

BEST, Allan J
BOTTORFF, Joan L
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Health Policy and Systems Management Research

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Health Services Evaluation and Interventions Research - A

SULLIVAN, Terrence
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Health Services Evaluation and Interventions Research - B

CHAMPAGNE, François
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LOVE, Rhonda
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Humanities Perspectives on Health

BRUNK, Conrad
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Immunology and Transplantation

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Legend

Chairperson
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Knowledge Translation and Exchange

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EVANS, Michael F
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BURGE, Frederick I
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Metabolism

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Microbiology and Infectious Diseases

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Molecular and Cellular Biology of Cancer (formerly Cancer A)

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Movement and Exercise

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Multi-user Equipment and Maintenance

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Neurosciences - A

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Legend

Chairperson
Scientific Officer

Neurosciences - B

WEISS, Samuel
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Nutrition, Food and Health

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Pharmaceutical Sciences

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Pharmacology and Toxicology

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Psychosocial, Sociocultural and
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Legend

Chairperson
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Public, Community and Population Health - A

ARONSON, Kristan
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HAWE, Penelope (Penny)
KIRKLAND, Susan A
KOEHOORN, Mieke W
KOPEC, Jacek A

PARENT, Marie-Elise
RAINA, Parminder S
RATNER, Pamela A
VEUGELERS, Paul J

University of Calgary
Dalhousie University
University of British Columbia
The Arthritis Research Centre of
Canada
INRS-Institut Armand-Frappier
McMaster University
University of British Columbia
Dalhousie University

Randomized Controlled Trials (Formerly Clinical Trials)

GAUTHIER, Serge G
LEVITT, Anthony J

NICHOL, Graham
WELLS, George A
BARKUN, Alan N

BUCKLEY, David N
RIEDER, Michael J
ANDERSON, David R
BAILEY, Robert C.
BARKUN, Jeffrey Stewart T
BEAULIEU, Serge
BENNETT, Kathryn J
BERG, Katherine O
BEZJAK, Andrea
BRASHER, Penelope (Penny) M
BROWNE, Gina M
CARTER, Cedric J
CLEARY, Thomas
COOK, Deborah J
COOK, Richard J
DICENSO, Alba
DODDS, Linda
ELIASZIW, Michael
ELMSLIE, Thomas J

ERNST, Scott D
FEINE, Jocelyne S
FELDMAN, Brian M
FRETTS, Ruth C

HANNAH, Mary E
HÉBERT, Paul C
HEYLAND, Daren K
HILL, Michael D
HUTCHISON, James S
HUTTON, Eileen K
JULIAN, James A
KAHN, Susan R

McGill University
Sunnybrook and Women's College
Health Sciences Ctr
Ottawa Health Research Institute
University of Ottawa
The Res. Inst. of the McGill University
Health Ctr

McMaster University
University of Western Ontario
Dalhousie University
University of Illinois at Chicago
McGill University
Douglas Hospital Research Centre
McMaster University
McGill University
University of Toronto
Alberta Cancer Board
McMaster University
University of British Columbia
University of Texas
McMaster University
University of Waterloo
McMaster University
Dalhousie University
University of Calgary
Elizabeth Bruyère Health Centre
(Ottawa)
London Regional Cancer Centre
McGill University
Hospital for Sick Children
Harvard Medical School
(Cambridge, Massachusetts)
University of Toronto
Ottawa Health Research Institute
Kingston General Hospital
Foothills Hospital
Hospital for Sick Children
University of British Columbia
McMaster University
McGill University

KIRPALANI, Haresh M
KYRIAKIDES, Tassos C

LABRECQUE, Michel
LAM, Raymond W
LEE, David S
LESPÉRANCE, François
LONN, Eva
MAHON, Jeffrey L
MARSHALL, John C
MARSHALL, John K
MASSE, Benoit R

MENKIS, Alan H
MEYER, Ralph M
OHLSSON, Arne
PIPER, William
POWDERLY, William G
ROMAGNUOLO, Joseph
ROWE, Brian H
SAUVE, Reg S
SINGER, Joel
TEO, Koon K
THABANE, Lehana
WIEBE, Samuel
WILLAN, Andrew R
WOOD-DAUPHINEE, Sharon L
YOUNG, Simon N

McMaster University
Cooperative Studies Program
Coordinating Center
Université Laval
University of British Columbia
University of Western Ontario
Université de Montréal
Hamilton General Hospital
London Health Sciences Centre
University Health Network
McMaster University
Fred Hutchinson Cancer Research
Center (Seattle)
London Health Sciences Centre
Hamilton Regional Cancer Centre
Mount Sinai Hospital
University of British Columbia
Washington University (St. Louis)
Foothills Hospital
University of Alberta
University of Calgary
Canadian HIV Trials Network
McMaster University
McMaster University
University of Western Ontario
Hospital for Sick Children
McGill University
McGill University

Respiratory System

LEWIS, James F
MOQBEL, Redwan
TANSWELL, A. K
EIDELMAN, David H
LEWIS, James F
 BELIK, Jaques
 BRADLEY, Douglas T
 CHAKIR, Jamila
 DUSZYK, Marek
 EIDELMAN, David H

St. Joseph's Health Care
University of Alberta
Hospital for Sick Children
McGill University
St. Joseph's Health Care
 Hospital for Sick Children
 University Health Network
 Université Laval
 University of Alberta
 McGill University

FIXMAN, Elizabeth D
 HALAYKO, Andrew J
 HASAN, Shabih U
 HORNER, Richard L
 KINKEAD, Richard
 LIU, Mingyao
 PROUD, David
 REMMERS, John E
 SUNDAY, Mary E

McGill University
 University of Manitoba
 University of Calgary
 University of Toronto
 Hôpital Saint-François d'Assise
 University of Toronto
 University of Calgary
 University of Calgary
 Brigham and Women's Hospital
 (Boston)

Virology & Viral Pathogenesis

MCFADDEN, Grant
SMILEY, James R
RICHARDSON, Christopher
 ANDERSON, Robert
 BERNARD, Nicole F

COHEN, Eric A
 COPELAND, Karen F
 EVANS, David H

Robarts Research Institute
University of Alberta
Ontario Cancer Institute
 Dalhousie University
 The Res. Inst. of the McGill University
 Health Ctr
 Université de Montréal
 Ottawa Health Research Institute
 University of Alberta

FELDMANN, Heinz
 FOWKE, Keith R
 GRANT, Michael D
 HISCOTT, John

HOBMAN, Tom C
 POWER, Christopher N
 RASSART, Eric
 TUFARO, Frank

Health Canada
 University of Manitoba
 Memorial University of Newfoundland
 Sir Mortimer B. Davis Jewish General
 Hospital
 University of Alberta
 University of Calgary
 Université de Québec à Montréal
 MediGene Inc.

Research Personnel Awards Programs

Allied Health Professionals

HAWKER, Gillian A

BROCKS, Dion R
 BUTLER, Lorna J
 COTE, Pierre
 DAVIS, Aileen M
 DIEHL-JONES, William L
 ESKES, Gail A
 FORD-GILBOE, Marilyn V
 GARCIA, Linda J

Sunnybrook and Women's College
Health Sciences Ctr
 University of Alberta
 Dalhousie University
 Institute for Work & Health
 Toronto Rehab Institute
 University of Manitoba
 Dalhousie University
 University of Western Ontario
 University of Ottawa

HODGINS, Marilyn J
 JOHNSON, Joy L
 JOHNSTON, Charlotte
 KOZYRSKYJ, Anita L
 MASSE, Priscille G
 MAYO, Nancy E
 MYERS, Ted
 PARKER, John D
 SWAINE, Bonnie R
 WILD, T. Cameron

University of New Brunswick
 University of British Columbia
 University of British Columbia
 University of Manitoba
 Université de Moncton
 McGill University
 University of Toronto
 Mount Sinai Hospital
 Université de Montréal
 University of Alberta

Canada Graduate Scholarships Master's Awards - A

AGRAWAL, Babita
 AV-GAY, Yossef
 BARBER, Dwayne L
 BOOTH, Stephanie A
 BOUCHARD, Guylaine
 COUSINEAU, Benoît
 EVERLING, Stefan
 GENDRON, Robert L
 GIBSON, Spencer B
 GOOD, Kimberley P
 GRAY-OWEN, Scott D
 HAAS, Tara
 HEBERT, Marc

University of Alberta
 University of British Columbia
 Ontario Cancer Institute
 Health Canada
 Hôpital Sainte-Justine
 McGill University
 University of Western Ontario
 Memorial University of Newfoundland
 Manitoba Institute of Cell Biology
 Dalhousie University
 University of Toronto
 York University
 Université Laval

LABRECQUE, Nathalie
 LEBEL, Michel
 OSBORNE, Lucy R
 PARE, Martin
 PRESLEY, John F
 ROY, Richard D
 RYAN, Aimée K
 SLEIVERT, Gordon Grant
 TOTH, Katalin
 WALLACE, Valerie A
 ZHANG, Xia

Hôpital Maisonneuve-Rosemont
 Université Laval
 University of Toronto
 Queen's University
 McGill University
 McGill University
 Montreal Children's Hospital Research
 Institute
 University of New Brunswick
 Université Laval
 Ottawa Health Research Institute
 University of Saskatchewan

Canada Graduate Scholarships Master's Awards - B

BROOKS, Dina
 CHAMBERS, Christine T
 JOHNSON, Shanthi

University of Toronto
 IWK Health Centre
 Acadia University

MURRAY, Karen B
 RENAUD, Johanne

University of New Brunswick
 Hôpital Sainte-Justine

CIHR Health Research Communications Award

HOEY, John R
 HOLCIK, Martin
 LEGAULT, Michel
 MCDONALD, Scott

Université de Montréal
 Children's Hospital of Eastern Ontario
 Magazine l'Actualité
 British Columbia Lung Association

O'HARA, Kathryn
 REUILLARD, Valérie
 RUDNICKI, Michael A
 YOUNG, Catherine

Carleton University
 Université Laval
 Ottawa Health Research Institute
 Dalhousie University

CIHR/IAPH/AMS Senior Research Fellowships

TIBELIUS, Karl H

**Canadian Institutes of Health
 Research**

DICKASON, Olive P
 SHORTER, Edward

University of Ottawa
 University of Toronto

Clinician Scientist

TOUGAS, Gervais
 AVOLI, Massimo
 BIEM, Henry J
 CARREY, Normand
 LEE, Shoo K

McMaster University
 McGill University
 University of Saskatchewan
 IWK Health Centre
 University of British Columbia

LOZANO, Andres M
 MICHAUD, Jacques
 QUAGGIN, Susan E
 WELLS, Richard A

University of Toronto
 Hôpital Sainte-Justine
 Mount Sinai Hospital
 University of Toronto

Doctoral Research Awards - A

TIBELIUS, Karl H

AGRAWAL, Babita
 ARCHER, David P
 AV-GAY, Yossef
 BARBER, Dwayne L
 BEATTIE, Tara L
 BEAULIEU, Christian
 BOOTH, Stephanie A
 BOUCHARD, Guylaine
 BOULAY, Guylain
 BRAMSON, Jonathan L
 CARREAU, Madeleine
 CHRISTENSEN, Bruce K
 CLARKE, David B

COUET, Jacques
 COUSINEAU, Benoît
 COUTURE, Clément

DORE, Jules Joseph
 EVERLING, Stefan
 GENDRON, Robert L
 GIBSON, Spencer B
 GOOD, Kimberley P
 GRAY-OWEN, Scott D
 HAAS, Tara
 HAZES, Bart

Canadian Institutes of Health Research

University of Alberta
 University of Calgary
 University of British Columbia
 Ontario Cancer Institute
 University of Calgary
 University of Alberta
 Health Canada
 Hôpital Sainte-Justine
 Université de Sherbrooke
 McMaster University
 Université Laval
 University of Toronto
 Queen Elizabeth II Health Science Centre
 Université Laval
 McGill University
 Lady Davis Institute for Medical Research
 Memorial University of Newfoundland
 University of Western Ontario
 Memorial University of Newfoundland
 Manitoba Institute of Cell Biology
 Dalhousie University
 University of Toronto
 York University
 University of Alberta

HEBERT, Marc
 HELGASON, Cheryl D
 HENDZEL, Michael J
 HOURY, Walid A
 LABRECQUE, Nathalie
 LEBEL, Michel
 MAL, Sabine
 MARSHALL, Aaron J
 MCBRIDE, Heidi M
 MESAELI, Nasrin M
 MOSSMAN, Karen L
 NAUMOVA, Anna K
 OSBORNE, Lucy R
 PARE, Martin
 PARKS, Robin J
 PICKETTS, David J
 PRESLEY, John F
 ROY, Richard D
 RYAN, Aimée K

SABOURIN, Luc A
 SLEIVERT, Gordon Grant
 SMIBERT, Craig A
 TOTH, Katalin
 TREMBLAY, André
 WALLACE, Valerie A
 ZHANG, Xia

Université Laval
 British Columbia Cancer Agency
 Cross Cancer Institute
 University of Toronto
 Hôpital Maisonneuve-Rosemont
 Université Laval
 University of Manitoba
 University of Manitoba
 University of Ottawa Heart Institute
 University of Manitoba
 McMaster University
 Royal Victoria Hospital
 University of Toronto
 Queen's University
 Ottawa Health Research Institute
 Ottawa Health Research Institute
 McGill University
 McGill University
 Montreal Children's Hospital Research Institute
 University of Ottawa
 University of New Brunswick
 University of Toronto
 Université Laval
 Université de Montréal
 Ottawa Health Research Institute
 University of Saskatchewan

Doctoral Research Awards - B

TIBELIUS, Karl H

ALTER, David A

BLAIS, Lucie
 BROOKS, Dina
 BROWNELL, Marni D
 CARRIER, Julie
 CHAMBERS, Christine T
 COCKERILL, Rhonda
 COX, Susan M
 DAVIS, Aileen M
 EDGE, Dana S
 FRIEDENREICH, Christine M

Canadian Institutes of Health Research

Institute for Clinical Evaluative Sciences
 Université de Montréal
 University of Toronto
 University of Manitoba
 Université de Montréal
 IWK Health Centre
 University of Toronto
 University of British Columbia
 Toronto Rehab Institute
 University of Calgary
 University of Calgary

HADDEN, Kellie
 JANSSEN, Patricia A
 JOHNSON, Shanthi
 KELLER, Heather H
 LECOMTE, Tania
 LEVINE, Brian T
 MONNAIS-ROUSSELOT, Laurence A
 MURRAY, Karen B
 RENAUD, Johanne
 ROBERT, Jason S
 SAVARD, Josée
 WEILER, Hope A
 YOUNG, Nancy L

Memorial University of Newfoundland
 B.C.'s Children's Hospital
 Acadia University
 University of Guelph
 University of British Columbia
 Baycrest Centre for Geriatric Care

Université de Montréal
 University of New Brunswick
 Hôpital Sainte-Justine
 Dalhousie University
 Université Laval
 University of Manitoba
 Hospital for Sick Children

Fellowships - B

DAVEY, Scott K
TIBERI, Mario
 ADDISON, Christina L
 ANDREW, Susan E
 BAIMBRIDGE, Kenneth G
 BRAUN, Janice E
 BURSHTYN, Deborah N
 CARREAU, Madeleine
 COUET, Jacques
 DAVEY, Scott K
 DAVIDSON, Alan R
 DAWSON, John F
 DOBSON, Melanie J
 GILLESPIE, Laura L

Queen's University
Ottawa Health Research Institute
 Ottawa Regional Cancer Centre
 University of Alberta
 University of British Columbia
 University of Calgary
 University of Alberta
 Université Laval
 Université Laval
 Queen's University
 University of Toronto
 University of Guelph
 Dalhousie University
 Memorial University of Newfoundland

GOUGH, Kathleen M
 GRAHAM, Charles H
 LABBE, Simon
 LAMARRE, Alain
 LEROUX, Michel R
 MANGROO, Devakanand
 MATTHEWS, Stephen G
 MESAELI, Nasrin M
 NAUMOVA, Anna K
 PEARSON, Christopher E
 VIGER, Robert S
 WILSON, Kevin S
 XING, Zhou
 YANG, Decheng

University of Manitoba
 Queen's University
 Université de Sherbrooke
 INRS
 Simon Fraser University
 University of Guelph
 University of Toronto
 University of Manitoba
 Royal Victoria Hospital
 Hospital for Sick Children
 Université Laval
 University of Alberta
 McMaster University
 St. Paul's Hospital

Legend

Chairperson
Scientific Officer

Fellowships - C (PhD)

RIDGWAY, Neale D
BARRY, Marie M
BEAULIEU, Christian
BERTHIAUME, Luc G
BERTI, Paul J
BONHAM, Keith K
CLARK, Denise V
COPPOLINO, Marc G
COUTURE, Clément

DENG, Alan Y

DESBARATS, Julie A
FERNANDEZ, Rachel C
GEE, Stephen H

Dalhousie University
University of Alberta
University of Alberta
University of Alberta
McMaster University
Saskatoon Cancer Centre
University of New Brunswick
University of Guelph
Lady Davis Institute for Medical
Research
Centre Hosp. de l'Université de
Montréal
McGill University
University of British Columbia
University of Ottawa

HANNIGAN, Gregory E
HENDERSON, Janet E
HENDZEL, Michael J
INMAN, Mark D
LAPORTE, Stéphane A
LEBRUN, Jean-Jacques
MCDONALD, Patrick P
MUI, Alice L
PARKS, Robin J
SALEH, Tarek M
SANTOS, Manuela

SINAL, Christopher J
TASKER, Richard A
TREMBLAY, André

Hospital for Sick Children
Royal Victoria Hospital
Cross Cancer Institute
McMaster University
McGill University
Royal Victoria Hospital
Université de Sherbrooke
Jack Bell Research Centre
Ottawa Health Research Institute
University of Prince Edward Island
Centre Hosp. de l'Université de
Montréal
Dalhousie University
University of Prince Edward Island
Université de Montréal

Health Professional Awards

WONG, Norman C
AHMAD, Ali
ANDERSON, Todd J
ANGEL, Jonathan B
BANCE, Manohar L
BARRINGTON, Keith J
BECK, Paul L
BOIVIN, Diane B
DOWNEY, Gregory P
FORREST, Christopher R
GUHA, Abhijit

University of Calgary
Hôpital Sainte-Justine
Foothills Hospital
Ottawa Health Research Institute
Dalhousie University
Royal Victoria Hospital Foundation
University of Calgary
Douglas Hospital Research Centre
University of Toronto
Hospital for Sick Children
Hospital for Sick Children

KARAPLIS, Andrew C
KARSAN, Aly
KENNEDY, James L

MILLER, Wilson H

PARKER, John D
PREIKSAITIS, Harold G
RAHMAN, Proton
SZATMARI, Peter
TETZLAFF, Wolfram G

McGill University
University of British Columbia
The Centre for Addiction and Mental
Health
Sir Mortimer B. Davis Jewish General
Hospital
Mount Sinai Hospital
University of Western Ontario
St. Clare's Mercy Hospital
McMaster University
University of British Columbia

Health Research Salary - A

SCHMIDT, Barbara K
SULLIVAN, Michael J
ADAMS, Annmarie
BERNSTEIN, Charles N
BOIVIN, Michel
BRADWEJN, Jacques
CAPPELIEZ, Philippe
CHEN, Yue
COURNEYA, Kerry S
COYTE, Peter C
CRAIG, Wendy M
DEWEY, Deborah M
GOLDBERG, Mark S
HOLBROOK, Anne M
JOHNSTON, Celeste
KATZ, Joel D
KOPEC, Jacek A

McMaster University
Université de Montréal
McGill University
University of Manitoba
Université Laval
Royal Ottawa Hospital
University of Ottawa
University of Ottawa
University of Alberta
University of Toronto
Queen's University
University of Calgary
McGill University
St. Joseph's Hospital
McGill University
York University
The Arthritis Research Centre of
Canada

LABONTE, Ronald
MACMILLAN, Harriet L
MCCUSKER, Jane
MESSING, Karen
MOUTQUIN, Jean-Marie

O'BRIEN, Bernard J
O'BRIEN-PALLAS, Linda L
PUTNAM, R. W
SAIGAL, Saroj
SHEPS, Samuel (Sam) B
STEWART, Sherry H
STIELL, Ian G
SULLIVAN, Michael J
TIMMONS, Vianne
WORRALL, Graham J

University of Saskatchewan
McMaster University
McGill University
Université du Québec à Montréal
Centre hospitalier universitaire de
Sherbrooke
McMaster University
University of Toronto
Dalhousie University
McMaster University
University of British Columbia
Dalhousie University
Ottawa Hospital-Civic Site
Université de Montréal
University of Prince Edward Island
Memorial University of Newfoundland

Health Research Salary - B

CHANDLER, Michael J
BOIVIN, Michel
CHAMPAGNE, François
GIOVANNETTI, Phyllis
MATHIEU, Jean

University of British Columbia
Université Laval
Université de Montréal
University of Alberta
Hôpital de Chicoutimi

MCCUSKER, Jane
MOUTQUIN, Jean-Marie

O'BRIEN, Bernard J
SHEPS, Samuel (Sam) B

McGill University
Centre hospitalier universitaire de
Sherbrooke
McMaster University
University of British Columbia

Health Research Training - A

KREIGER, Nancy
ALLISON, Paul J
BRUNDAGE, Michael D
BUEHLER, Sharon K
CHARNEY, Dara A
CLOW, Barbara N
COHEN, Joanna E
DU MONT, Janice A

DUBE, Laurette
GRAHAM, Ian D

Cancer Care Ontario
McGill University
Queen's University
Memorial University of Newfoundland
McGill University
Dalhousie University
University of Toronto
Sunnybrook and Women's College
Health Sciences Ctr
McGill University
Ottawa Health Research Institute

GROOTENDORST, Paul V
LEDUC, Nicole
LOEB, Mark B
MILLS, Rosemary S
PELL, Marc D
RATHWELL, Thomas A
SCHULL, Michael J

TU, Jack V
WILLIAMS, Allison M

University of Toronto
Université de Montréal
Hamilton Health Sciences
University of Manitoba
McGill University
Dalhousie University
Sunnybrook and Women's College
Health Sciences Ctr
Sunnybrook and Women's College
Health Sciences Ctr
University of Saskatchewan

Michael Smith Prize in Health Research

GUILBERT, Larry J CHACONAS, George CLAYTON, David A DIXON, Jack E	University of Alberta University of Calgary Howard Hughes Medical Institute (Bethesda) University of California (San Diego)	FRENCH, Robert J FRERMAN, Frank E SANSONETTI, Philippe J	University of Calgary University of Colorado Health Sciences Centre Institut Pasteur (Paris, France)
---	--	--	---

New Investigators - A

MEAKIN, Susan O PAPADOPOULOU, Barbara ANAND-SRIVASTAVA, Madhu B BRAY, Garth M CATTINI, Peter A COLE, William C CUPPLES, Claire G DI BATTISTA, Giovanni (John) A DRAPEAU, Pierre FRENETTE, Michel HUIZINGA, Jan D KENNEDY, Timothy E LYTTON, Jonathan	University of Western Ontario Centre Hospitalier Universitaire de Québec Université de Montréal McGill University University of Manitoba University of Calgary Concordia University McGill University McGill University Université Laval McMaster University Montreal Neurological Institute University of Calgary	MARSHALL, Jean S MCINTOSH, Anthony R RADOMSKI, Marek W RAGSDALE, David S RICHTER, Andrea SARAGOVI, Horacio U SATO, Masahiko SEOW, Chun Y WANG, Yu Tian WARD, Michael E WILMAN, Alan H WRANA, Jeffrey L ZATORRE, Robert J	Dalhousie University Rotman Research Institute University of Texas (Houston) McGill University Hôpital Sainte-Justine McGill University Université Laval University of British Columbia University of British Columbia St. Michael's Hospital University of Alberta University of Toronto McGill University
--	--	--	---

New Investigators - B

PERREAULT, Jean-Pierre BALDRIDGE, William H BOURQUE, Charles W BROOK, William J BYERS, David M DUMONT, Daniel J EPAND, Richard M GERMAIN, Lucie KINGSTONE, Alan F LEDUC, Richard LEES-MILLER, Susan P	Université de Sherbrooke Dalhousie University The Res. Inst. of the McGill University Health Ctr University of Calgary Dalhousie University Sunnybrook and Women's College Health Sciences Ctr McMaster University Université Laval University of British Columbia Université de Sherbrooke University of Calgary	MAJOR, François MICHALAK, Marek S NABI, Ivan R PAPADOPOULOU, Barbara PICKETTS, David J ROTIN, Daniela SHEN, Garry X STIFANI, Stefano TEPASS, Ulrich TRASLER, Jacquetta M	Université de Montréal University of Alberta Université de Montréal Centre Hospitalier Universitaire de Québec Ottawa Health Research Institute Hospital for Sick Children University of Manitoba Montreal Neurological Institute University of Toronto McGill University
--	--	---	---

New Investigators - C

BEAR, Christine E BAKER, Mark D BENNETT, Brian M CULLEN, Kathleen E DUNN, Susan M FORTIN, Paul R FRANCO, Eduardo L GIGUERE, Vincent HAYGLASS, Kent T JANSSEN, Luke J KRAUSE, Henry M LABRIE, Fernand	University of Toronto University of Guelph Queen's University McGill University University of Alberta Toronto Western Hospital McGill University Royal Victoria Hospital University of Manitoba McMaster University University of Toronto Université Laval	MEANEY, Michael J MEAROW, Karen M MELOCHE, Sylvain NALBANTOGLU, Joséphine OLIVIER, Martin PILGRIM, David B PODOR, Thomas J SHOUBRIDGE, Eric A SIROIS, Jean SYED, Naweed I	Douglas Hospital Research Centre Memorial University of Newfoundland Université de Montréal McGill University The Res. Inst. of the McGill University Health Ctr University of Alberta University of British Columbia McGill University Université de Montréal University of Calgary
--	--	--	--

Partnered Programs

Celera Genome Database Grant Committee

DEELEY, Roger G GOODMAN, Nathan (Nat)	Queen's University Institute for Systems Biology (Washington)	MAJOR, François NELSON, David L	Université de Montréal Baylor College of Medicine (Texas)
---	--	------------------------------------	--

Off-Site Review of CIHR-CAG (Canadian Association of Gastroenterology) Partnership

MCKAY, Derek M ALLARD, Johane P ARMSTRONG, David BEAULIEU, Jean-François BUCHAN, Alison M CHADEE, Khrisendath	McMaster University Toronto General Hospital McMast University Université de Sherbrooke University of British Columbia McGill University	KIM, Young-In J MEDDINGS, Jonathan B PATERSON, William G STADNYK, Andrew W YU, Linda	University of Toronto University of Calgary Queen's University Dalhousie University University of Calgary
---	--	--	---

University-Industry

MACGILLIVRAY, Ross T
SITAR, Daniel S

AARON, Shawn D
ACOTT, Philip D
ALFIERI, Caroline
ARMSTRONG, Paul W
BACHELARD, H el ene
BEFUS, A. D
BELCH, Andrew R
BELL, David A
BIRCH, Stephen
BOUDREAU, Ghislain
BRASH, John L
CAMERON, Bill E
CHAMBERS, Ann F
CHAN, Kwan-Leung
CHOW, Donna A
FIELD, Christopher A
FRASER, Paul E
GEIGER, Jonathan D

HANLEY, David A
HEELEY, David
HERZBERG, Gene R
HOFFMAN, Paul S
HOSKIN, David W
HUMPHRIES, Richard K
KARLIK, Stephen J
LAMARRE, Daniel
LAUTT, Wilfred W
LOPASCHUK, Gary D

University of British Columbia
University of Manitoba

Ottawa Health Research Institute
Dalhousie University
H opital Sainte-Justine
University of Alberta
Universit  Laval
University of Alberta
University of Alberta
University of Western Ontario
McMaster University
Pfizer Canada Inc.
McMaster University
Ottawa Health Research Institute
University of Western Ontario
University of Ottawa Heart Institute
University of Manitoba
Dalhousie University
University of Toronto
St. Boniface Gen. Hospital Research
Fdn. Inc.
University of Calgary
Memorial University of Newfoundland
Memorial University of Newfoundland
Dalhousie University
Dalhousie University
University of British Columbia
University of Western Ontario
Universit  de Montr al
University of Manitoba
University of Alberta

MAN, Shu-Fan P
MCKELVIE, Robert S
MEDLEY, John B
MOWAT, Michael R
ORGAN, Michael G
PARKINSON, Fiona E
PETRELLA, Robert J
PILARSKI, Linda M
RADOMSKI, Marek W
RADZIUK, Jerry M
REMINGTON, Gary
ROY, Sophie
RUTKA, James T
SASYNIUK, Betty I
SCHRYVERS, Anthony B
SELLERS, Edward M
STEINHART, Allan H
TEO, Koon K
TIJSSEN, Peter
VELDHUYZEN VAN ZANTEN,
Sander J
WARD, Brian J

WEAVER, Donald F
WEISS, Margaret D
WU, Jiangping
ZAKY, Safwat G
ZOWALL, Hanna

University of Alberta
McMaster University
University of Waterloo
University of Manitoba
York University
University of Manitoba
University of Western Ontario
University of Alberta
University of Texas (Houston)
Ottawa Hospital-Civic Site
University of Toronto
Merck Frosst Canada Inc.
Hospital for Sick Children
McGill University
University of Calgary
University of Toronto
Mount Sinai Hospital
McMaster University
INRS-Institut Armand-Frappier
Dalhousie University
The Res. Inst. of the McGill University
Health Ctr
Dalhousie University
University of British Columbia
H opital Notre-Dame
University of Toronto
The Res. Inst. of the McGill University
Health Ctr

Strategic Initiatives

Aboriginal Community-Based Research

MACAULAY, Ann C
KAUFERT, Joseph M
BARTLETT, Judith G
DIGNAN, Thomas A
FLETCHER, Christopher

McGill University
University of Manitoba
University of Manitoba
Health Canada
University of Alberta

GIDEON, Valerie L
GRAY-DONALD, Katherine A
TIMMONS, Vianne

National Aboriginal Health
Organization
McGill University
University of Prince Edward Island

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Legend Advancing Theories, Frameworks, Methods and Measurement - A

Chairperson
Scientific Officer

HAYNES, Robert B
GRANT, Andrew M
ANIS, Aslam H
BLAIS, R gis
BOISSEL, Jean-Pierre
CLASE, Catherine M
DE CONINCK, Pierre
DODSON, Belinda Jean
FODOR, Jiri G

McMaster University
Universit  de Sherbrooke
St. Paul's Hospital, Vancouver
Universit  de Montr al
Universit  de Lyon I (France)
McMaster University
Universit  de Montr al
University of Western Ontario
University of Ottawa Heart Institute

GARG, Amit
HARRISON, Margaret B
JADAD, Alejandro(Alex) R
MARTIN, Claudio M
NORMAND, Charles
TETRAULT, Jean-Pierre
ZARNKE, Kelly B
ZITNER, David

McMaster University
Queen's University
Toronto General Hospital
University of Western Ontario
London School of Hygiene and
Tropical Medicine
Universit  de Sherbrooke
London Health Sciences Centre
Dalhousie University

Advancing Theories, Frameworks, Methods and Measurement - B

FRANKISH, Charles J
BOTTORFF, Joan L
WALTER, Stephen D
AROCHA, Jose F
BERTHELOT, Jean-Marie
BROSSEAU, Lucie
BUZZELLI, Michael D
COBURN, David
COOK, Richard J

University of British Columbia
University of British Columbia
McMaster University
University of Waterloo
Statistics Canada
University of Ottawa
University of British Columbia
University of Toronto
University of Waterloo

CURTIS, Lori J
FICK, Gordon H
KLUGE, Eike-Henner W
OLSON, Karin L
PLOEG, Jenny
SHIELL, Alan
SOLBERG, Shirley M
VAN REEKUM, Robert

Dalhousie University
University of Calgary
University of Victoria
University of Alberta
McMaster University
University of Calgary
Memorial University of Newfoundland
Baycrest Centre for Geriatric Care

An Opportunity for New Researchers in Aboriginal Health

YOUNG, Kue
WILLOWS, Noreen D
BRANT CASTELLANO, Marlene
DANIEL, Mark
FURGAL, Christopher M

University of Toronto
University of Alberta
Trent University
Universit  de Montr al
Universit  Laval

HANLEY, Anthony J
ING, Rosalyn
MENEZ, Verena H
SMYLIE, Janet K

Samuel Lunenfeld Research Institute
University of British Columbia
University of Manitoba
University of Ottawa

An Analysis of Canadian Community Health Survey on Mental Health and Well Being

POTVIN, Louise
LANDEEN, Janet L
ADLAF, Edward M

BIBEAU, Gilles
BLAND, Roger C

Université de Montréal
McMaster University
The Centre for Addiction and Mental
Health
Université de Montréal
University of Alberta

DEWIT, David J
DUNN, Jim R
LU, Mingshan
SCHURMAN, Nadine C
SWINSON, Richard P
TAYLOR, Steven

University of Western Ontario
University of Calgary
University of Calgary
Simon Fraser University
McMaster University
University of British Columbia

Building Healthy Communities Through Rural and Northern Health Research

BEST, Allan J
DUBOIS, Lise
GFELLNER, Barbara M
GRANT, Andrew M
HAMPTON, Mary R
HAY, John A

Vancouver General Hospital
University of Ottawa
Brandon University
Université de Sherbrooke
University of Regina
Brock University

HOGG, William E
LEHOUX, Pascale
MCWILLIAM, Carol L
MOEHR, Jochen R
NORTON, Peter G
WALTER, Stephen D

Ottawa Hospital-Civic Site
Université de Montréal
University of Western Ontario
University of Victoria
University of Calgary
McMaster University

Canadian Longitudinal Study on Aging

MARTIN, George M
BARBERGER-GATEAU, Pascale
BRAYNE, Carol

University of Washington (Seattle)
INSERM (Bordeaux, France)
University of Cambridge (UK)

HARRIS, Tamara L
SVENSSON, Torbjorn F
WEIR, David R

National Institutes of Health
(Bethesda)
Lunds Universitet (Sweden)
University of Michigan (Ann Arbor)

Cancer Screening from a Canadian Perspective

EVANS, William (Bill) K
KO, Jane P

Cancer Care Ontario
New York University (New York, NY)

MILLER, Anthony B
PRATO, Frank S

University of Toronto
University of Western Ontario

Centres for Research Development - Understanding and Addressing the Impacts of Environment on Health

MURRAY, Michael
BOIVIN, Jean-François
CAMERON, Roy
FINKELSTEIN, Murray M

**Memorial University of
Newfoundland**
Sir Mortimer B. Davis Jewish General
Hospital
University of Waterloo
University of Toronto

GREAVES, Lorraine J
KATZMARZYK, Peter T
LOISEL, Patrick
WIEN, Frederic C
YASSI, Annalee

BC Centre of Excellence for Women's
Health
Queen's University
Université de Sherbrooke
Dalhousie University (Nova Scotia)
University of British Columbia

Compelling Values: Privacy, Access to Data and Health Research

FOREST, Pierre-Gerlier
MCINTOSH, Thomas A
FLAHERTY, David
KILBRETH, Beth H
NEWHOUSE, David R

Health Canada
University of Regina
Privacy and Information Policy
Consultants
Edmund S. Muskie School of Public
Service (Maine)
Trent University

PELADEAU, Pierrôt
PREMONT, Marie-Claude
REEHER, Grant
WHITE, Pamela
YEO, Michael

Institut de recherches cliniques de
Montréal
McGill University
Syracuse University (New York)
Statistics Canada
Laurentian University of Sudbury

Discoveries and Inventions

JOHNSTON, Randal N
SCHACHAR, Norman S
KREMER, Richard B
OLNEY, Sandra J
ANTONIOU, John
BULMAN, Dennis E
CRANNEY, Ann B
CYNADER, Max S
DUBOIS, Claire M
FRANK, James S
GILBERT, Renald
HENDY, Geoffrey N
KIRBY, Ronald L
LEVIN, Mindy F

University of Calgary
Calgary General Hospital
McGill University
Queen's University
McGill University
Ottawa Health Research Institute
Ottawa Health Research Institute
University of British Columbia
Université de Sherbrooke
University of Waterloo
National Research Council of Canada
McGill University
Dalhousie University
Institut de réadaptation de Montréal

LOTZ, Martin K
MATYAS, John R
OXLAND, Thomas R
PEARLMAN, Ronald E
PHILIP, Anie
PILARSKI, Linda M
PROCHAZKA, Arthur
ROUGHLEY, Peter J
TANGUAY, Robert M
TRUDEL, Guy
WILKINS, John A
WOODGETT, James (Jim) R

Scripps Research Institute (La Jolla,
CA)
University of Calgary
University of British Columbia
York University
McGill University
University of Alberta
University of Alberta
Shriners Hospital for Children
Université Laval
University of Ottawa
University of Manitoba
Ontario Cancer Institute

Evaluation of the Integrity of Industry-sponsored Clinical Research in Canada

LEVINE, Robert J
MARION, Jean

Yale University (Connecticut)
Rx&D-Health Research
Foundation

ROY, David J
SACKETT, David L

Université de Montréal
Trout Research Centre (Markdale)

Legend

Chairperson
Scientific Officer

Excellence, Innovation and Advancement in the Study of Obesity and Healthy Body Weight

PENCHARZ, Paul B INNIS, Sheila M BARANOWSKI, Tom BLAIR, Steven N CHANOINE, Jean-Pierre DREWNOWSKI, Adam LOVEJOY, Jennifer	Hospital for Sick Children University of British Columbia Baylor College of Medicine (Texas) The Cooper Institute (Texas) B.C. Research Institute for Children University of Washington (Seattle) Pennington Biomedical Research Center (Louisiana)	MACERA, Carol A MARLISS, Errol B MUST, Aviva PAUSOVA, Zdenka V REILLY, John J TAYLOR, Gregory W	University of South Carolina (Columbia) McGill University Tufts University (Massachusetts) Université de Montréal University of Glasgow (Scotland) Health Canada
---	--	--	--

Gender and Sex Determinants of Circulatory and Respiratory Health: ICE Teams Grant Program

YOUNG, Lynne E BAIREY MERZ, C. Noel	University of Victoria Cedars-Sinai Medical Centre (Los Angeles)	DAY, Anna TRANMER, Joan E	University of Toronto Kingston General Hospital
---	---	------------------------------	--

Global Health Research Program Development and Planning Grants - A

GYORKOS, Theresa W YOUNG, Kue ADELSON, Naomi ADRIEN, Alix AUSTIN, Wendy J BURDGE, David R FANNING, Anne E FRENCH, Susan E HILLMAN, Donald JOHRI, Mira KIRTON, John	Montreal General Hospital University of Toronto York University McGill University University of Alberta B.C. Women's Hospital University of Alberta McGill University University of Ottawa Université de Montréal University of Toronto	MENDELSON, Rena MILL, Judith E MILLSON, Margaret E NEUFELD, Victor R RONALD, Allan R SEWANKAMBO, Nelson K WILLMS, Dennis G ZARIC, Gregory S	Ryerson University University of Alberta University of Toronto McMaster University University of Manitoba Makerere University (Kampala, Uganda) McMaster University University of Western Ontario
--	---	--	---

Global Health Research Program Development and Planning Grants - B

LOSOS, Joseph Z ADELSON, Naomi ARBOLEDA-FLOREZ, Julio E BEAUDRY, Micheline BURDGE, David R CHARLAND, Louis C EYLES, John D FANNING, Anne E HAMILTON, John R	University of Ottawa York University Queen's University Université Laval B.C. Women's Hospital University of Western Ontario McMaster University University of Alberta Montreal Children's Hospital Research Institute	HILLMAN, Elizabeth KIRTON, John LAPOINTE, Normand D MILLSON, Margaret E OLATUNBOSUN, Olufemi A PEDERSEN, Duncan SANCHEZ, Ana L WILLIAMSON, Karla M ZARIC, Gregory S	University of Ottawa University of Toronto Hôpital Sainte-Justine University of Toronto Royal University Hospital Douglas Hospital Research Centre Brock University University of Calgary University of Western Ontario
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Healthy Pregnancy and Great Beginnings

KENNEDY, Thomas G ROBAIRE, Bernard BISSONNETTE, John M GLUCKMAN, Peter D	University of Western Ontario McGill University Oregon Health & Science University (Portland) University of Auckland (New Zealand)	HANSON, Mark A HODNETT, Ellen D MORRISH, Donald W	Princess Anne Hospital (Southampton, UK) University of Toronto University of Alberta
---	--	---	---

III Pilot Project Grants

WHITFIELD, Christopher TALBOT, Pierre J ARMSTRONG, Glen D ARTS, Eric J BERGER, Stuart A CHOW, Anthony W CLARKE, Anthony J COOMBS, Kevin M	University of Guelph INRS-Institut Armand-Frappier University of Calgary Case Western Reserve University (Cleveland) University Health Network Vancouver General Hospital University of Guelph University of Manitoba	GORCZYNSKI, Reginald M HO, May HOBMAN, Tom C KOROMILAS, Antonis E LOUIE, Marie MENEZES, José P MICHALAK, Thomas I SKAMENE, Emil	University of Toronto University of Calgary University of Alberta McGill University Sunnybrook and Women's College Health Sciences Ctr Hôpital Sainte-Justine Memorial University of Newfoundland McGill University
--	---	--	---

Institute of Aboriginal Peoples' Health – Aboriginal Capacity and Developmental Research Environments (ACADRE)

HILLS, Marcia D ANDERSSON, Neil JEFFERY, Bonnie L LEADBEATER, Bonnie J	University of Victoria CIET Canada University of Regina University of Victoria	SMYLIE, Janet K UHANOVA, Julia WORTMAN, Jay	University of Ottawa University of Manitoba Health Canada
--	--	---	---

Institute of Aboriginal Peoples' Health Strategic Initiatives

WIEN, Frederic C ANAND, Sonia S BOCKING, Alan D GRAY-DONALD, Katherine A JEFFERY, Bonnie L	Dalhousie University McMaster University Mount Sinai Hospital McGill University University of Regina	KAUFERT, Joseph M LEADBEATER, Bonnie J MINORE, James B SMYLIE, Janet K WORTMAN, Jay	University of Manitoba University of Victoria Lakehead University University of Ottawa Health Canada
--	--	---	--

Institute of Genetics - Career Transition Award

TIBELIUS, Karl H	Canadian Institutes of Health Research	HOGUE, Christopher W	Samuel Lunenfeld Research Institute
BECH-HANSEN, Nils T	University of Calgary	JONES, Steven	British Columbia Cancer Agency
HICKEY, Donal A	University of Ottawa	NEUMANN, Paul E	Dalhousie University
		YIP, Christopher M	University of Toronto

Institute of Genetics - Short-term Exchange Grants

TIBELIUS, Karl H	Canadian Institutes of Health Research	HICKEY, Donal A	University of Ottawa
JACKSON, Allison	Canadian Institutes of Health Research	HOGUE, Christopher W	Samuel Lunenfeld Research Institute
AVARD, Denise M	Université de Montréal	JONES, Steven	British Columbia Cancer Agency
BECH-HANSEN, Nils T	University of Calgary	NEUMANN, Paul E	Dalhousie University
		YIP, Christopher M	University of Toronto

Institute of Genetics Clinical Investigatorship

TIBELIUS, Karl H	Canadian Institutes of Health Research	SIMARD, Jacques R	Université Laval
EVANS, Jane A	University of Manitoba	WEKSBERG, Rosanna	Hospital for Sick Children

Interdisciplinary Capacity Enhancement (ICE) Teams Grant Program

HUTCHISON, Brian G	McMaster University	JONGBLOED, Lyn E	University of British Columbia
CHAPPELL, Neena L	University of Victoria	LAVOIE, André	Université Laval
BADLEY, Elizabeth M	University Health Network	MAIONI, Antonia	McGill University
BÉGIN, Clermont	Université Laval	METGE, Colleen J	University of Manitoba
CALNAN, Michael W	University of Bristol (UK)	NILSON, Ralph A	University of Regina
CARRIERE, Keumhee C	University of Alberta	NORMAND, Charles	London School of Hygiene and Tropical Medicine
FERNIE, Geoffrey R	University of Toronto		University of York (England)
JACOBS, Philip	University of Alberta	SMITH, Peter C	

National Tumour Banking Network Grant

SINNETT, Daniel	Université de Montréal		
HANNER, Robert	Coriell Institute for Medical Research (New Jersey)		
KNOX, Kristine	National Translational Cancer Research Network		
OOSTERHUIS, Walter	Erasmus MC/Josephine Nefkens Institute (Rotterdam, Netherlands)		

New Emerging Team (NET) Grants - New Research Teams to Enhance the Quality of Life

SCHACHAR, Norman S	Calgary General Hospital	JIRIK, Frank R	University of Calgary
KREMER, Richard B	McGill University	LEVIN, Mindy F	Institut de réadaptation de Montréal
GRYNPAS, Marc D	Mount Sinai Hospital	NANCI, Antonio	Université de Montréal
HANLEY, David A	University of Calgary	PHILIP, Anie	McGill University
HUNTER, Graeme K	University of Western Ontario	WILKINS, John A	University of Manitoba

Needs, Gaps and Opportunities Assessments in the Area of Microbial Contamination of Food and Water and Anti-Microbial Research

LOW, Donald E	Mount Sinai Hospital	MCGEER, Allison J	Mount Sinai Hospital
BOISVERT, Jacques	Université du Québec à Trois-Rivières	NEUMANN, Norman F	Provincial Laboratory of Public Health
JOLY, Jean R	Université Laval		

Novel Population Genetic and Genetic Epidemiological Methods for Studies of Complex Genetic Diseases

NAROD, Steven A	University of Toronto	RAHMAN, Proton	St. Clare's Mercy Hospital
DUBÉ, Marie-Pierre	McGill University	SUNYAEV, Shamil	Harvard Medical School
NEUMANN, Paul E	Dalhousie University		(Boston, Massachusetts)
PATERSON, Andrew D	Hospital for Sick Children		

Palliative and End of Life Care: Career Transition Awards

BRUERA, Eduardo	University of Alberta	MCGRATH, Patricia A	University of Western Ontario
CAMERON, Brenda L	University of Alberta	RODIN, Gary M	University Health Network
CLEARY, James F	University of Wisconsin	TISDALE, Michael	Aston University (United Kingdom)
DE CIVITA, Paul	Health Canada	WARNOCK, Fay F	University of British Columbia
JATOI, Aminah	Mayo Clinic (Rochester, NY)	WATLING, Christopher	University of Western Ontario
KELLEY, Mary Lou	Lakehead University		

Legend

Chairperson
Scientific Officer

Palliative and End of Life Care: New Emerging Team (NET) Grants

CLEARY, James F BRICKER, Leslie J	University of Wisconsin Henry Ford Hospital (Detroit, Michigan)	HAMPTON, Mary R SULLIVAN, Art VERREAULT, René VIGANO, Antonio A WARNOCK, Fay F	University of Regina University of Seattle (Washington) Université Laval Royal Victoria Hospital University of British Columbia
FASSBENDER, Konrad FITZGIBBON, Edward J	University of Alberta University of Ottawa		

Palliative and End of Life Care: Pilot Project Grants

HAGEN, Neil A ALLARD, Pierre BRUERA, Eduardo CAMERON, Brenda L CLEARY, James F DE CIVITA, Paul JATOI, Aminah	University of Calgary University of Ottawa University of Alberta University of Alberta University of Wisconsin Health Canada Mayo Clinic (Rochester, NY)	KELLEY, Mary Lou MCGRATH, Patricia A RODIN, Gary M TISDALE, Michael WARNOCK, Fay F WATLING, Christopher	Lakehead University University of Western Ontario University Health Network Aston University (United Kingdom) University of British Columbia University of Western Ontario
---	---	--	---

Planning Immunization Research Targeting Aboriginal People

DIGNAN, Thomas A WILLOWS, Noreen D	Health Canada University of Alberta	YOUNG, Kue	University of Toronto
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Proof of Principle

PRICE, Gerald B UNDERDOWN, Brian J AW, E. Jom BRASH, John L BRIDGER, William A BRUCE, Caroline CHAYE, Helena H CHELIAK, William DORE, Sylvie DOUVILLE, Philippe EARLE, Mary L FILION, Mario GRIFFITH, Irwin HOBMAN, Marita	McGill University McMaster University University of Ottawa McMaster University University of Western Ontario University of British Columbia MediGene Inc. (San Diego, California) Galileo Genomics École de technologie supérieure Polaris Biosciences Earle & Associates Inc. Université de Montréal ViRexx Medical Corporation Biomira Inc.	HOWARD-TRIPP, James KARLIK, Stephen J KLEIN, Steven J LAPORTE, Audrey MARSMAN, Kathleen MATHESON, Ronald C MIERNICKI STEEG, Carol RADZIUK, Jerry M RUEDY, John SECHLEY, Konrad A SHINDLER, David WALLENBURG, John C ZAKY, Safwat G	Labopharm Inc. University of Western Ontario CANVAC University of Toronto Borden Ladner Gervais LLP University Technologies International Inc. Queen's University Ottawa Hospital-Civic Site Dalhousie University Gowling Lafleur Henderson LLP Milestone Medica McGill University University of Toronto
---	--	--	---

Public Health and Health Care System Preparedness and Response to SARS

JOLY, Jean R ABBEY, Susan E ALLARD, Robert ELLIOTT, Lawrence J	Université Laval University Health Network Direction de la Santé Publique Montréal-Centre University of Manitoba	EMBREE, Joanne E JOHNSON, David W MEAGHER-STEWART, Donna	University of Manitoba Alberta Children's Hospital Dalhousie University
--	---	--	---

Legend

Chairperson

Scientific Officer

Reducing Health Disparities and Promoting the Health of Vulnerable Populations

POTVIN, Louise BEISER, Morton BENOIT, Cecilia M FLETCHER, Christopher FROHLICH, Katherine L JACKSON, Suzanne F JAMES, Susan	Université de Montréal University of Toronto University of Victoria University of Alberta Université de Montréal University of Toronto Wilfrid Laurier University	JIWANI, Yasmin KASPAR, Violet LUMSDEN, David P ROSS, Nancy A THURSTON, Wilfreda E WALDRAM, James B	Concordia University /Université Concordia University of Toronto York University McGill University University of Calgary University of Saskatchewan
--	--	---	---

Reducing Health Disparities and Promoting Equity for Vulnerable Populations

POTVIN, Louise MACDONALD, Marjorie A BROWNE, Annette J BRUCE, Sharon G FROHLICH, Katherine L HWANG, Stephen W KASPAR, Violet	Université de Montréal University of Victoria University of British Columbia University of Manitoba Université de Montréal St. Michael's Hospital University of Toronto	LAI, Daniel W LUMSDEN, David P RECEVEUR, Olivier STONE, Sharon D THURSTON, Wilfreda E TYNDALL, Mark W	University of Calgary York University Université de Montréal Lakehead University University of Calgary University of British Columbia
---	--	--	--

Safe Food And Water

BELOSEVIC, Miodrag (Mike) MCCLARTY, Grant A BURET, André G GYORKOS, Theresa W HEINRICHS, David E KALOW, Barbara	University of Alberta University of Manitoba University of Calgary Montreal General Hospital University of Western Ontario Canadian Food Inspection Agency	LECHEVALIER, Mark W MATHIAS, Richard G SCOTT, H. M TODD, Ewen	American Water (NJ) University of British Columbia College of Veterinary Medicine (Texas) Michigan State University (E. Lansing)
--	---	--	---

Social Dimensions in Aging

PENNING, Margaret J
BÉDARD, Michel
 CARSWELL, Anne
 GUSE, Lorna W
 HIRDES, John P
 KERGOAT, Marie-Jeanne
 KRUEGER, Paul D

University of Victoria
Lakehead Psychiatric Hospital
 University of Toronto
 University of Manitoba
 University of Waterloo
 Université de Montréal
 McMaster University

MCDONALD, P. L
 MOSS, Pamela
 O'ROURKE, Norm
 PAPAIOANNOU, Alexandra
 PUSHKAR, Dolores
 WISTER, Andrew V

University of Toronto
 University of Victoria
 Simon Fraser University
 McMaster University
 Concordia University
 Simon Fraser University

Staying Ahead of the Wave: Genetics, Health Services and Health Policy

GAUDET, Daniel
HUTCHINSON, Hasan
 FOREST, Jean-Claude

Université du Québec à Chicoutimi
Health Canada
 Centre Hospitalier Universitaire de
 Québec

HAMERTON, John L
 LANGLOIS, Sylvie F
 MENON, Devidas
 WIKTOROWICZ, Mary E

University of Manitoba
 University of British Columbia
 Institute of Health Economics
 York University

Strategic Training Program/New Emerging Team B

MCPHERSON, Barry
CHAMBERS, Larry W
 BAUMGARTEN, Mona
 BRAYNE, Carol
 DOLOVICH, Lisa R
 HAWE, Penelope (Penny)
 LIN, Elizabeth

Wilfrid Laurier University
University of Ottawa
 University of Maryland
 University of Cambridge (UK)
 McMaster University
 University of Calgary
 The Centre for Addiction and Mental
 Health

MINORE, James B
 SHELDON, Trevor A
 SHERWIN, Barbara B
 STEWART, Moira A
 STONES, Michael J
 TIERNEY, Mary C

Lakehead University
 University of York (England)
 McGill University
 University of Western Ontario
 Lakehead University
 Sunnybrook and Women's College
 Health Sciences Ctr

Strategic Training Program/New Emerging Team C

ADAMEC, Robert E
THURSTON, Wilfreda E
 ADDINGTON, Donald E
 BELL, Marilynne
 BULLOCH, Andrew G
 CRAIG, Kenneth D

**Memorial University of
 Newfoundland**
University of Calgary
 University of Calgary
 Dalhousie University
 University of Calgary
 University of British Columbia

FISCHER, Benedikt
 HENDERSON, Angela D
 HUGHES, Jean M
 MCLEAN, Peter D
 MORETTI, Marlene M
 ROBERTSON, George S

University of Toronto
 University of British Columbia
 Dalhousie University
 University of British Columbia
 Simon Fraser University
 Dalhousie University

Strategic Training Program/New Emerging Team D

VALVANO, Miguel A
JOSEPHY, Philip D
 BEN-DAVID, Yaacov
 BORTOLUSSI, Robert A
 BROWN, Carolyn J
 FITCH, Margaret I
 GOTCH, Frances M
 HAMMOND, James R

University of Western Ontario
University of Guelph
 Sunnybrook and Women's College
 Health Sciences Ctr
 Dalhousie University
 University of British Columbia
 Toronto-Sunnybrook Regional Cancer
 Centre
 Imperial College (London, England)
 University of Western Ontario

HUOT, Jacques
 LEVY, Gary A
 MARSHALL, David F
 MCKENNA, Gillies W
 PALIWALL, Bhudatt
 SALYERS, Abigail A
 SUN, Fengzhu

Université Laval
 Toronto General Hospital
 Scottish Crop Research Institute
 (Scotland)
 University of Pennsylvania
 (Philadelphia)
 University of Wisconsin
 University of Illinois (Urbana)
 University of Southern California

Strategic Training Program/New Emerging Team E

KENNEDY, Susan M
D'ORLEANS-JUSTE, Pedro
 BECKER, Allan B
 COCEANI, Flavio
 COTE, Robert B
 GHAHARY, Aziz

University of British Columbia
Université de Sherbrooke
 University of Manitoba
 Scuola Superiore S. Anna
 McGill University
 University of Alberta

HUMPHRIES, Karin H
 JENSEN, Louise A
 ROHLICEK, Charles V
 SALERNO, Tomas A
 SEVERSON, David L

University of British Columbia
 University of Alberta
 McGill University
 State University of New York (Buffalo)
 University of Calgary

Team Planning and Development Grants - Developing New Research Teams to Enhance the Quality of Life

OLNEY, Sandra J
 GIGNAC, Monique A
 MANN, Braden J

Queen's University
 University Health Network
 Foothills Hospital

PRINCE, François
 WILSON, David R

Université de Montréal
 University of British Columbia

Understanding and Addressing the Impacts of Physical and Social Environment on Health

MUSTARD, Cameron A
 DOOLEY, Martin D
 DOSMAN, James A
 GUERNSEY, Judith R
 HAYES, Michael V

University of Toronto
 McMaster University
 University of Saskatchewan
 Dalhousie University
 Simon Fraser University

MAKRIDES, Lydia
 MARTIN, Jean-Claude
 MERGLER, Donna
 OSTRY, Aleck S

Dalhousie University
 IRSST
 Université du Québec à Montréal
 University of British Columbia

Invited Reviewers Who Served on Committees during 2003-04

ABEL, Sharon M	University of Toronto	BOLINGER, Lizann	National Research Council of Canada
ABOU ELELA, Sherif	Université de Sherbrooke	BONEN, Arend	University of Guelph
ABRAMS, Donald I	University of California (San Francisco)	BOOTHROYD, Peter	University of British Columbia
ACHESON, Nicholas H	McGill University	BORNSTEIN, Stephen E	Memorial University of Newfoundland
ADELI, Khosrow	Hospital for Sick Children	BORTOLUSSI, Robert A	Dalhousie University
AGELLON, Luis B	University of Alberta	BOTTORFF, Joan L	University of British Columbia
AKOUM, Ali	Université Laval	BOUGHNER, Derek R	London Health Sciences Centre
ALI, Suhad	Royal Victoria Hospital	BOULANGER, Yvan	Université de Montréal
ALINI, Mauro	Royal Victoria Hospital	BRAMSON, Jonathan L	McMaster University
ALLARD, Johane P	Toronto General Hospital	BRANDL, Christopher J	University of Western Ontario
ALLEN, Prudence	University of Western Ontario	BRANT, Rollin F	University of Calgary
ALMAN, Benjamin A	Hospital for Sick Children	BRASH, John L	McMaster University
ALMÉRAS, Natalie	Université Laval	BREGMAN, Barbara S	Georgetown University (Washington, DC)
AMSDEN, Brian G	Queen's University	BREMNER, J. D	Emory University School of Medicine (Atlanta, Georgia)
ANAND-SRIVASTAVA, Madhu B	Université de Montréal	BREMNER, Rod	University Health Network
ANASTASSIADES, Tassos P	Queen's University	BRISSON, Chantal	Université Laval
ANDERSON, David R	Dalhousie University	BRODLAND, Gerald W	University of Waterloo
ANDERSON, Robert	Dalhousie University	BROSSEAU, Lucie	University of Ottawa
ANDERSON, Todd J	Foothills Hospital	BROUILLETTE, Robert T	McGill University
ANGEL, Jonathan B	Ottawa Health Research Institute	BROWN, Arthur	Robarts Research Institute
ANISMAN, Hymie	Carleton University	BROWN, Jacques P	Université Laval
ANTEL, Jack P	McGill University	BROWN, Judith B	University of Western Ontario
ARGUIN, Martin	Université de Montréal	BROWN, Richard E	Dalhousie University
ARMSTRONG, Robert (Bob) W	University of British Columbia	BRUNETTE, Donald M	University of British Columbia
ARNOLD, Douglas L	Montreal Neurological Institute	BUB, Daniel N	University of Victoria
ARSENAULT, André	Montréal Heart Institute	BUCHAN, Alison M	University of British Columbia
ARSENAULT, Larry A	McMaster University	BUCKLEY, David N	McMaster University
ARTSOB, Harvey	Health Canada	BUHRMANN, Ralf	University of Ottawa
AUBIN, Jane E	University of Toronto	BULMAN, Dennis E	Ottawa Health Research Institute
AUGER, François A	Université Laval	BURNET, Deborah L	University of Chicago (Illinois)
AULD, Vanessa J	University of British Columbia	BURNS, Peter N	Sunnybrook and Women's College Health Sciences Ctr
AVARD, Denise M	Université de Montréal	CAIRNEY, John	McMaster University
AVISON, William R	University of Western Ontario	CAIRNS, Ewa	University of Western Ontario
BAKER, Mark D	University of Guelph	CAMERON, Bill E	Ottawa Hospital Research Institute
BARACOS, Vickie E	University of Alberta	CAMERON, Brenda L	University of Alberta
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BAUM, Shari R	McGill University	CARREY, Normand	IWK Health Centre
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BENDAYAN, Reina	University of Toronto	CHESSEX, Philippe	B.C.'s Children's Hospital
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BELIK, Jaques
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BERNARD, Nicole F

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BERTRAND, Lise

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BEST, Thomas M
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BOGNAR, Andrew L
BOHBOT, Véronique

BOIRE, Gilles
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HILL, Richard P	University of Toronto	KUNOV, Hans	University of Toronto
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JOANISSE, Marc F	University of Western Ontario	LEMIEUX-CHARLES, Louise	University of Toronto
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JOHNSTON, Celeste	McGill University	LEONARDI, Larry L	National Research Council of Canada
JONES, Barbara E	McGill University	LEPORE, Franco	Université de Montréal
JONES, Glenville	Queen's University	LEROUX, Jean-Christophe	Université de Montréal
JONES, Kelvin E	University of Alberta	LEROUX, Michel R	Simon Fraser University
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JORDAN, Larry M	University of Manitoba	LEVINE, David Z	University of Ottawa
JOY, Michael L	University of Toronto	LEVITT, Anthony J	Sunnybrook and Women's College Health Sciences Ctr
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JURISICOVA, Andrea	Samuel Lunenfeld Research Institute	LI, Yingfu	McMaster University
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KACZOROWSKI, Janusz A	McMaster University		
KAN, Frederick W	Queen's University		

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MACLEOD, R. John	Queen's University	OLMSTEAD, Mary C.	Queen's University
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MACNAB, Ying C	University of British Columbia	OWENS, Trevor	Montreal Neurological Institute
MAETZEL, Andreas	University Health Network	PARE, Martin	Queen's University
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MAHONY, James B	McMaster University	PATERSON, William G	Queen's University
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MARSDEN, Philip A	University of Toronto	PELOSO, Paul M	University of Toronto
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MARTIN, Jean-Claude	IRSSST	PERRAULT, Hélène	McGill University
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MCPHERSON, Peter S	McGill University	POLYAK, Stephen J	St. Joseph's Health Care
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MULLEN, John C	University of Alberta	RAYMOND, Vincent	Université Laval
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RICHARDS, Carl D	McMaster University	SPEERT, David P	University of British Columbia
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RITCHIE, James Whiteford K	Mount Sinai Hospital	STANISZ, Greg J	Sunnybrook and Women's College Health Sciences Ctr
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ROBERTS, Robin S	McMaster University	STEVENS, Bonnie J	University of Toronto
ROBERTSON, Emma K	University Health Network	STEWART, Moira A	University of Western Ontario
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SCHIPPER, Hyman M	McGill University	TSAO, Betty P	University of California (Los Angeles)
SCHMIDT, Barbara K	McMaster University	TSAO, Ming-Sound	University of Toronto
SCHNEIDER, Bruce A	University of Toronto	TSUI, Florence W	University of Toronto
SCHNETKAMP, Paul P	University of Calgary	TU, Jack V	Sunnybrook and Women's College Health Sciences Ctr
SCHRADER, John W	University of British Columbia	TUANA, Balwant S	University of Ottawa
SCHWARZ, Dietrich W	University of British Columbia	TUFARO, Frank	MediGene Inc.
SEGAL, Zindel V	The Centre for Addiction and Mental Health	TULIP, John	University of Alberta
SEIDMAN, Ernest G	Université de Montréal	TURKSEN, Kursad	Ottawa Health Research Institute
SHANNER, Laura	University of Alberta	TURNER, Leigh	McGill University
SHAPIRO, Stanley H	McGill University	TYBERG, John V	University of Calgary
SHARMA, Arya M	McMaster University	VALLERAND, Robert J	Université du Québec à Montréal
SHARMA, Sanjay	Hotel-Dieu Hospital	VAN DER HOORN, Franciscus A	University of Calgary
SHAW, Gary S	University of Western Ontario	VAN VLIET, Bruce N	Memorial University of Newfoundland
SHRIER, Alvin	McGill University	VAN VUGT, Dean A	Queen's University
SIEMIATYCKI, Jack	Université de Montréal	VANNER, Stephen J	Queen's University
SIGAL, Ronald J	Ottawa Hospital-Civic Site	VARMUZA, Susannah L	University of Toronto
SILVERSTONE, Peter H	University of Alberta	VEIS, Arthur	Northwestern University (Illinois)
SIMARD, Jacques R	Université Laval	VELDHUIZEN, Rudolf A	University of Western Ontario
SIMARD, Louise R	Université de Montréal	VEZINA, Jean	Université Laval
SIROIS, Pierre	Université de Sherbrooke	VIGMOND, Edward J	University of Calgary
SMITH, Carlyle T	Trent University	VILLENEUVE, Jean-Pierre	Hôpital Saint-Luc
SMITH, Carolyn L	Baylor College of Medicine (Texas)	VON DADELSZEN, Peter	B.C.'s Children's Hospital
SMITH, Graeme N	Queen's University		

Legend

Chairperson
Scientific Officer

SAIGAL, Saroj
SAKIC, Boris
SANTERRE, J. Paul
SATO, Masahiko
SAVOIE, Isabelle
SCHANG, Luis M
SCHIPPER, Hyman M
SCHMIDT, Barbara K
SCHNEIDER, Bruce A
SCHNETKAMP, Paul P
SCHRADER, John W
SCHWARZ, Dietrich W
SEGAL, Zindel V
SEIDMAN, Ernest G
SHANNER, Laura
SHAPIRO, Stanley H
SHARMA, Arya M
SHARMA, Sanjay
SHAW, Gary S
SHRIER, Alvin
SIEMIATYCKI, Jack
SIGAL, Ronald J
SILVERSTONE, Peter H
SIMARD, Jacques R
SIMARD, Louise R
SIROIS, Pierre
SMITH, Carlyle T
SMITH, Carolyn L
SMITH, Graeme N

WAINBERG, Mark A	Lady Davis Institute for Medical Research	WILSON, David R	University of British Columbia
WALKER, Christopher M	Ohio State University (Columbus, Ohio)	WILSON, Hugh R	York University
WALKER, Claire D	Douglas Hospital Research Centre	WILSON, Keith G	University of Ottawa
WALKER, Mark C	Ottawa Health Research Institute	WINKLBAUER, Rudolf	University of Toronto
WALSH, Michael P	University of Calgary	WOLFE, Larry A	Queen's University
WANG, Lu-Yang	Hospital for Sick Children	WOODGATE, Roberta L	University of Manitoba
WANG, Rui	University of Saskatchewan	WOOLLEY, Andrew G	University of Toronto
WARD, Brian J	The Res. Inst. of the McGill University Health Ctr	WU, Jiangping	Hôpital Notre-Dame
WATSON, Peter H	University of Manitoba	WU, Xiao Yu X	University of Toronto
WATTS, Tania H	University of Toronto	WUN, Theodore	University of California (Davis)
WEAVER, Lynne C	Robarts Research Institute	WYNNE-EDWARDS, Katherine E	Queen's University
WEILER, Hope A	University of Manitoba	WYSE, D. G	University of Calgary
WELLINGTON, Cheryl L	University of British Columbia	XIAO, Wei	University of Saskatchewan
WHEELER, Michael B	University of Toronto	YAGER, Jerome (Jerry) Y	University of Alberta
WHISHAW, Ian Q	University of Lethbridge	YAO, Zemin	University of Ottawa Heart Institute
WIDDICOMBE, Jonathan H	University of California (Davis)	YASSI, Annalee	University of British Columbia
WIEBE, Leonard I	University of Alberta	YEH, Wen-Chen	University of Toronto
WIEBE, Samuel	University of Western Ontario	YONG, Voon W	University of Calgary
WIGLE, Donald T	University of Ottawa	ZACKSENHAUS, Eldad	University Health Network
WILKINS, John A	University of Manitoba	ZAHM, Shelia	National Cancer Institute (Bethesda, Maryland)
WILSON, Brenda J	University of Ottawa	ZHANG, Li	University of Toronto
WILSON, Brian C	Princess Margaret Hospital	ZHOROV, Boris	McMaster University
		ZWARENSTEIN, Merrick F	Institute for Clinical Evaluative Sciences-Toronto

Legend

Chairperson
Scientific Officer

Auditor's Report and Financial Statements

MANAGEMENT RESPONSIBILITY FOR FINANCIAL STATEMENTS

Responsibility for the integrity and objectivity of the accompanying financial statements of the Canadian Institutes of Health Research for the year ended March 31, 2004, and all information contained in this report rests with CIHR's management.

These financial statements have been prepared by management in accordance with Treasury Board of Canada accounting standards based on Canadian generally accepted accounting principles. Where appropriate, the financial statements include amounts that have been estimated according to management's best judgement. These statements should be read within the context of the significant accounting policies set out in Note 2 of the financial statements.

Management has developed and maintains books of accounts, records, financial and management controls and practices and information systems. They are designed to provide reasonable assurance that CIHR's assets are safeguarded and controlled, that resources are managed economically and efficiently in the attainment of corporate objectives and that transactions are in accordance with the *Financial Administration Act* and regulations as well as CIHR policies and statutory requirements.

The transactions and financial statements of CIHR have been audited by the Auditor General of Canada, the independent auditor for the Government of Canada.

Approved by:



Gaëtan Cyr
Acting Director, Finance & Administration



Guy D'Aloisio, CMA
Vice-President, Services & Operations



Auditor General of Canada
Vérificatrice générale du Canada

AUDITOR'S REPORT

To the Canadian Institutes of Health Research
and the Minister of Health

I have audited the statement of financial position of the Canadian Institutes of Health Research (CIHR) as at March 31, 2004 and the statements of operations and net assets and cash flow for the year then ended. These financial statements are the responsibility of CIHR's management. My responsibility is to express an opinion on these financial statements based on my audit.

I conducted my audit in accordance with Canadian generally accepted auditing standards. Those standards require that I plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In my opinion, these financial statements present fairly, in all material respects, the financial position of CIHR as at March 31, 2004 and the results of its operations and its cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

John Wiersema, FCA
Deputy Auditor General
for the Auditor General of Canada

Ottawa, Canada
June 10, 2004

STATEMENT OF FINANCIAL POSITION

AS AT MARCH 31

	(in thousands of dollars)	
	2004	2003
ASSETS		
Financial Assets		
Due from the Consolidated Revenue Fund	7,185	4,761
Accounts receivable	557	382
Advances	168	166
Total financial assets	7,910	5,309
Non-financial assets		
Prepaid expenses	550	169
Capital assets (Note 3)	3,396	2,969
Total non-financial assets	3,946	3,138
TOTAL ASSETS	11,856	8,447
LIABILITIES		
Accounts payables and accrued liabilities	5,482	3,828
Employee vacation and compensatory benefits liability	788	701
Deferred revenue (Note 4)	1,703	933
Employee severance benefits liability	3,154	2,650
TOTAL LIABILITIES	11,127	8,112
NET ASSETS (note 5)	729	335
TOTAL LIABILITIES AND NET ASSETS	11,856	8,447

Contingencies (Note 6)

Commitments (Note 7)

The accompanying notes and schedule form an integral part of these statements.

Approved by Governing Council:



Dr. Alan Bernstein, O.C., FRSC
Chair

Approved by Management:



Guy D'Aloisio, CMA
Vice-President, Services & Operations

STATEMENT OF OPERATIONS AND NET ASSETS

FOR THE YEAR ENDED MARCH 31

(in thousands of dollars)

	2004	2003
REVENUES		
Donations (Note 4)	5,730	3,970
Endowments for health research (Note 4)	8	2
Other	2	1
TOTAL REVENUES	5,740	3,973
EXPENSES		
Grants and awards		
Open competitions (Note 8 and Schedule 1)	426,042	414,780
Strategic initiatives (Note 8 and Schedule 1)	133,745	98,944
Knowledge translation	2,222	846
Institute support grants	13,578	13,000
Canada research chairs	46,268	34,225
Networks of centres of excellence	25,000	25,031
Donations for research (Note 4)	5,730	3,970
Endowments for health research (Note 4)	8	2
	652,593	590,798
Less: Refunds of previous years' expenses	(2,797)	(1,620)
Total grants and awards	649,796	589,178
Operations and administration		
Salaries and employee benefits	23,470	19,614
Professional and special services	6,638	6,137
Travel	4,359	4,580
Information services - communications	1,370	1,456
Furniture, equipment and software	1,940	917
Accommodation	873	632
Amortization	1,064	699
Other expenses	1,555	2,384
Total operations and administration	41,269	36,419
TOTAL EXPENSES	691,065	625,597
NET COST OF OPERATIONS	685,325	621,624
Net assets, beginning of the year	335	341
Net cash provided by Government	680,968	619,750
Change in due from Consolidated Revenue Fund	2,424	117
Services provided without charge by other Government departments (Note 9)	2,327	1,751
NET ASSETS, END OF THE YEAR (Note 5)	729	335

The accompanying notes and schedule form an integral part of these statements.

STATEMENT OF CASH FLOW

FOR THE YEAR ENDED MARCH 31

	(in thousands of dollars)	
	2004	2003
OPERATING ACTIVITIES		
Net cost of operations	685,325	621,624
Non-cash items included in net results		
Amortization of capital assets	(1,064)	(699)
Services provided without charge by other Government departments	(2,327)	(1,751)
	(3,391)	(2,450)
Statement of financial position adjustments		
Change in total liabilities	(3,015)	(1,304)
Change in accounts receivable	175	199
Change in prepaid expenses	381	145
	(2,459)	(960)
Cash Used in Operating Activities	679,475	618,214
INVESTING ACTIVITIES		
Acquisitions of capital assets	1,491	1,713
Increase (decrease) in advances	2	(177)
Cash Used in Investing Activities	1,493	1,536
NET CASH PROVIDED BY GOVERNMENT	680,968	619,750

The accompanying notes and schedule form an integral part of these statements.

NOTES TO THE FINANCIAL STATEMENTS

1. Authority and Objectives

The Canadian Institutes of Health Research (CIHR) was established in June 2000 under the *Canadian Institutes of Health Research Act*, replacing the former Medical Research Council of Canada. It is listed in Schedule II to the *Financial Administration Act* as a departmental corporation. CIHR's objective is to excel, according to international standards of scientific excellence, in the creation of new knowledge, and its translation into improved health, more effective health services and products, and a strengthened Canadian health care system.

CIHR is led by a President who heads a Governing Council of nineteen other eminent Canadians appointed by Order in Council. The Governing Council sets overall strategic direction, goals and policies and oversees programming, resource allocation, ethics, finances, planning and accountability.

CIHR operates a wide variety of grants and awards programs to support health research, develop researchers, build a robust health research environment, promote partnerships, engage the public and foster use of research results.

CIHR has 13 Institutes that focus on identifying the research needs and priorities for specific health areas or for specific populations, then developing strategic initiatives to address those needs. Each Institute is led by a Scientific Director who is guided by an Institute Advisory Board, which strives to include representation of the public, researcher communities, research funders, health

professionals, health policy specialists and other users of research results.

CIHR strives to support the full spectrum of health research – biomedical, clinical, health services and population health – and recognizes that the complexity of many health issues requires an integration of the perspectives and research approaches of different health disciplines.

The entire CIHR program, administration excepted, is achieved through transfers in the form of grants for research projects, personnel awards and institute support grants.

2. Significant Accounting Policies

These financial statements have been prepared in accordance with Treasury Board of Canada accounting standards based on Canadian generally accepted accounting principles. The most significant accounting policies are as follows:

(a) Parliamentary appropriations - CIHR is financed by the Government of Canada through Parliamentary appropriations. Appropriations provided to CIHR do not parallel financial reporting according to generally accepted accounting principles. They are based in a large part on cash flow requirements. Consequently, items recognized in the statement of operations and the statement of financial position are not necessarily the same as those provided through appropriations from Parliament. Note 10 provides a high-level reconciliation between the two bases of reporting.

(b) Net cash provided by government - is the difference between all cash receipts and all cash disbursements including transactions between departments.

(c) Due from the Consolidated Revenue Fund - all departments, including agencies and departmental corporations, operate within the Consolidated Revenue Fund (CRF). The CRF is administered by the Receiver General for Canada. All cash receipts are deposited to the CRF and all cash disbursements made by departments are paid from the CRF. Due from the CRF represents the amount of cash that CIHR is entitled to draw from the Consolidated Revenue Fund without further appropriations, in order to discharge its liabilities.

(d) Revenues - these are accounted for in the period in which the underlying transaction or event occurred that gave rise to the revenues.

(e) Deferred revenue - monies received as donations and contributions from various organizations and individuals for health research as well as interest on endowments are recorded as deferred revenue until such time that they are disbursed in accordance with agreements between the contributor and CIHR or in accordance with the terms of the endowments.

(f) Expenses - these are recorded when the underlying transaction or expense occurred as follows:

- Grants and awards are recognized in the year in which payment is due or in which the recipient has met the eligibility criteria.
- Employee severance benefits are accrued as earned and are calculated using information derived from the results of the actuarially determined liability for employee severance benefits for the Government as a whole. Employee severance benefits on cessation of employment represent obligations of CIHR that are normally funded by appropriation when the benefits are paid.
- Vacation pay and compensatory benefits are expensed in the year that the entitlement occurs.

- Contributions to superannuation plans are recognized in the period that the contributions are made. Actuarial surpluses or deficiencies are not recorded in CIHR's accounts but are recognized in the consolidated financial statements of the Government of Canada.
- Services provided without charge by other government departments and agencies are recorded as operations and administration expenses at their estimated cost.

(g) Accounts receivable - these are stated at amounts expected to be ultimately realized. A provision for doubtful accounts is made for any amounts where recovery is considered uncertain.

(h) Capital assets - all tangible assets having an individual initial cost of \$5,000 or more are recorded at their acquisition cost. Amortization of capital assets is done on a straight-line basis over the estimated useful life of the capital asset as follows:

Asset	Useful life
Informatics hardware and software	3-5 years
Office equipment	10 years
Motor vehicles	5 years

(i) Foreign currency transactions - transactions involving foreign currencies are translated into Canadian-dollar equivalents using rates of exchange at the time of those transactions.

(j) Refunds of previous years' expenses - these relate to grants and awards and are recorded as a reduction in expenses when received.

(k) Measurement uncertainty - the preparation of financial statements in accordance with Canadian generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses reported in the financial statements. At the time of preparation of these statements, management believes the estimates and assumptions to be reasonable. The most significant items where estimates are used are allowances for employee vacation and compensatory benefits, allowance for employee severance benefits and amortization of capital assets.

3. Capital Assets

Capital asset class (in thousands of dollars)				2004	2003
	Opening Balance	Additions / (Transfers) for the Year	Accumulated Amortization	Net Book Value	Net Book Value
Informatics Hardware	1,189	426	(662)	953	806
Informatics Software	2,174	1,214	(1,222)	2,166	1,726
Office Equipment	67	171	(24)	214	50
Motor Vehicles	23		(14)	9	13
Work-in-progress	374	(320)		54	374
Total	3,827	1,491	(1,922)	3,396	2,969

Amortization expense for the year ended March 31, 2004 is \$1,064,000 (2003 - \$699,000).

4. Deferred Revenue

Included in deferred revenue are donations and contributions from various organizations and individuals for health research as well as interest on endowment accounts. The transactions relating to these accounts are as follows:

	2004	2003
	(in thousands of dollars)	
Donations for health research		
Balance, beginning of the year	926	1,379
Add:		
Donations received	6,420	3,481
Interest earned	84	36
Less:		
Grants expensed	5,730	3,970
Balance, end of the year	1,700	926
Interest on endowments for health research		
Balance, beginning of the year	7	5
Add:		
Interest earned	4	4
Less:		
Grants expensed	8	2
Balance, end of the year	3	7
Total Deferred Revenue	1,703	933

5. Net Assets

Included in the Net Assets are two endowments for health research. These endowments are restricted assets that cannot be spent. The interest on these accounts is credited to deferred revenue.

	2004	2003
	(in thousands of dollars)	
Endowments for Health Research	140	140
Unrestricted net assets	589	195
Net Assets	729	335

6. Contingent Liabilities

A legal suit for employment equity was initiated by the Public Service Alliance of Canada against Her Majesty the Queen naming certain separate employer organizations of the Government of Canada, including the Canadian Institutes of Health Research (CIHR), as defendants. The amount of this claim, as it relates to CIHR, is estimated to be \$750,000. In management's opinion, the outcome of this litigation is not presently determinable.

Two other legal suits launched by individuals alleging damage from participation in projects funded by grants from the Medical Research Council of Canada are pending. The amount of these claims is estimated at \$50,000. In management's opinion, the outcome of this litigation is not presently determinable.

7. Commitments

The Canadian Institutes of Health Research is committed to disburse grants and awards in future years subject to the provision of funds by Parliament. Future year commitments are as follows.

Year of payment	(in thousands of dollars)
2004-2005	610,252
2005-2006	446,020
2006-2007	293,346
2007-2008	173,292
2008-2012	104,791
Total Grants and Awards Commitments	1,627,701

In addition, the nature of CIHR's operating activities result in some multi-year contracts whereby CIHR will be committed to make some future payments when the goods or services are rendered. Operating commitments that can be reasonably estimated are as follows:

Year of payment	(in thousands of dollars)
2004-2005	1,585
2005-2006	249
Total Operating Commitments	1,834

8. Open Competitions and Strategic Initiatives

Schedule 1 displays CIHR's grants and awards programs. Canadian health researchers may compete for grants and awards from these programs through two funding mechanisms. Open competitions refer to competitions in each of these programs, which do not relate to any specific area of scientific inquiry. Peer review ranks the scientific merit of each application and the top-ranked applications are funded regardless of which area of science they represent. Strategic Initiatives refer to competitions aimed at supporting research in very specific areas of science or for developing research capacity in specific segments of the Canadian research enterprise.

9. Services provided without charge by other government departments

CIHR is related in terms of common ownership to all Government of Canada departments, agencies, and Crown corporations. CIHR enters into transactions with these entities in the normal course of business and on normal trade terms applicable to all individuals and enterprises except that certain services, as shown below, are provided without charge.

	2004	2003
	(in thousands of dollars)	
Accommodation services provided by Public Works and Government Services Canada	873	632
Contributions covering employer's share of employees' insurance premiums and costs paid by Treasury Board Secretariat	1,394	1,059
Audit services provided by the Office of the Auditor General of Canada	60	60
Total Services Provided Without Charge	2,327	1,751

10. Parliamentary Appropriations

(a) Reconciliation of net cost of operations to total Parliamentary appropriations used

	2004	2003
	(in thousands of dollars)	
Net cost of operations	685,325	621,624
Adjustments for items affecting Net Results but not affecting Appropriations		
Less: Items recorded as expenses but not affecting appropriations		
Grants funded from donations	5,738	3,972
Services provided without charge	2,327	1,751
Change in employee severance benefits	504	1,165
Amortization	1,064	699
Change in vacation pay and compensatory benefits	87	262
Refunds of previous years' expenses – grants and awards	(2,797)	(1,620)
Adjustments of previous year's payables	(224)	(129)
Other	17	(71)
	6,716	6,029
Add: Items recorded as revenue but not affecting appropriations		
Donations	5,730	3,970
Endowment bequest	8	2
	5,738	3,972
Adjustments for items not affecting Net Results but affecting Appropriations		
Add: Acquisitions of capital assets	1,491	1,713
Change in prepaid expenses	381	145
	1,872	1,858
Total Parliamentary appropriations used	686,219	621,425

(b) Reconciliation of Parliamentary appropriations voted to total Parliamentary appropriations used

	2004	2003
	(in thousands of dollars)	
Parliamentary appropriations voted:		
Vote 10 – Operating expenditures	32,106	20,183
Supplementary Vote 10a	7,837	12,561
Supplementary Vote 10b	1,109	
Transfer from Treasury Board Vote 10	1,185	55
Transfer from Treasury Board Vote 15		50
	42,237	32,849
Less: Lapsed appropriation	(5,987)	(978)
	36,250	31,871
Vote 15 – Grants	633,896	443,164
Supplementary Vote 15a	48,650	172,137
Supplementary Vote 15b	1,000	300
	683,546	615,601
Less: Lapsed appropriation	(4,691)	(28,775)
Lapse as a result of expenditure reduction	(32,000)	
Total lapsed appropriation - Vote 15	(36,691)	(28,775)
	646,855	586,826
Statutory contributions to employee benefit plans	3,114	2,728
Total Parliamentary appropriations used	686,219	621,425

Since CIHR had forecast a significant lapse in funds earmarked for the Canada Research Chairs Program (CRC), the Treasury Board of Canada required CIHR to lapse 32 million dollars in Vote 15 as a contribution to the Government's expenditure reduction program. The remaining lapse in Vote 15 is also attributable to the CRC Program. The lapse in funds does not have an impact on CIHR's capacity to fund CRCs in subsequent years.

11. Employee future benefits

Employees of CIHR are entitled to specific benefits on or after termination or retirement, as provided for under various collective agreements or conditions of employment.

(a) Pension benefits

Employees participate in the Public Service Superannuation Plan administered by the Government of Canada. Under present legislation, contributions made by CIHR to the Plan are 2.14 times the employee's contributions on account of current services. CIHR's contributions to the Plan during the year amounted to \$1,732,450 (2003 – \$1,329,552).

(b) Severance benefits

CIHR provides severance benefits to its employees. This benefit plan is not pre-funded and therefore has no assets, resulting in a plan deficit equal to the employee severance benefits liability. Information about the plan is as follows:

	2004	2003
	(thousands of dollars)	
Employee severance benefits liability, beginning of year	2,650	1,485
Expense for the year	567	1,218
Benefits paid during the year	(63)	(53)
Employee severance benefits liability, end of year	3,154	2,650

12. Comparative Figures

Certain comparative figures have been reclassified to conform to the presentation adopted in the current year.

SCHEDULE 1 TO THE FINANCIAL STATEMENTS - GRANTS AND AWARDS

FOR THE YEAR ENDED MARCH 31

	(in thousands of dollars)					
	2004			2003		
	Open Competition (Note 8)	Strategic Initiatives (Note 8)	Total	Open Competition (Note 8)	Strategic Initiatives (Note 8)	Total
Grants						
Operating grants	274,172	50,156	324,328	253,989	40,684	294,673
Clinical trials	23,436	8,337	31,773	26,342	7,016	33,358
Maintenance and equipment	8,124	277	8,401	9,063	1,103	10,166
Michael Smith Award for Excellence	200		200	100		100
Special projects	312	4,961	5,273	316	4,838	5,154
Groups	40,525	2,892	43,417	42,173	3,303	45,476
Development grants		8,369	8,369		640	640
Community alliance for health research	6,513		6,513	7,406		7,406
Strategic training initiative in health research		13,477	13,477		12,542	12,542
Interdisciplinary health research team	9,083	1,711	10,794	8,876	1,570	10,446
ACADRE - Research grants		193	193		352	352
Centre grants		3,947	3,947		2,947	2,947
Seed grants		484	484		27	27
Establishment grants		1,854	1,854		1,245	1,245
Short-term exchange program		96	96		162	162
Pilot project grants		7,183	7,183		870	870
New emerging teams		7,389	7,389		49	49
Small projects grants		216	216		223	223
IGH knowledge translation grants		10	10		10	10
Planning grants		750	750		1,519	1,519
Extension grants		43	43		2	2
	362,365	112,345	474,710	348,265	79,102	427,367
Salary support						
Research chairs		1,386	1,386		1,197	1,197
Career Awards		427	427		344	344
Distinguished investigators	1,314	42	1,356	1,474	55	1,529
Senior investigators	3,719	589	4,308	3,820	481	4,301
Investigators	8,563	1,597	10,160	9,178	1,452	10,630
New investigators	15,931	2,556	18,487	15,367	2,203	17,570
Clinician scientists phase 2	895		895	1,089		1,089
Senior research fellowships phase 2	1,418		1,418	1,084		1,084
ACADRE - Salary Awards		429	429		769	769
Career transition awards		257	257		203	203
Clinical investigation		240	240		120	120
Canada Graduate Scholarships - Doctoral	1,892		1,892			
	33,732	7,523	41,255	32,012	6,824	38,836
Research training						
Clinician scientist phase 1	1,248	207	1,455	1,108	138	1,246
Postdoctoral fellowships	16,841	5,608	22,449	18,877	5,400	24,277
Studentships	403	387	790	1,602	353	1,955
MD/PhD studentships	1,264	82	1,346	1,123	95	1,218
Doctoral research awards	6,673	2,280	8,953	8,166	1,666	9,832
Summer research award	1,437	198	1,635	1,434	203	1,637

Senior research fellowships phase 1	996	155	1,151	1,085	65	1,150
ACADRE - Regional training centre		816	816		813	813
CIHR science writer scholarship	182		182	118		118
	29,044	9,733	38,777	33,513	8,733	42,246
Travel and exchange						
Visiting scientists	152		152	171		171
Symposia and workshops	279	62	341	301	45	346
	431	62	493	472	45	517
Other activities						
President's fund	470		470	518		518
Other grants		4,082	4,082		4,240	4,240
	470	4,082	4,552	518	4,240	4,758
	426,042	133,745	559,787	414,780	98,944	513,724