



## **Building the Life Foundation**

**Canadian Institutes of Health Research (CIHR)  
INSTITUTE OF HUMAN DEVELOPMENT, CHILD AND YOUTH HEALTH**

**IHDCYH Annual Report, November 2002**

## MESSAGE FROM THE SCIENTIFIC DIRECTOR



**We are launching requests for targeted funding in strategic areas that are multi-pillar and trans-disciplinary, and will make a difference to the health of Canadians.**

I am proud to present this first report on the activities of the CIHR Institute of Human Development, Child and Youth Health. It is a privilege to serve as the first Director of the Institute. I have enjoyed immensely the opportunity to work with so many of you to develop and put into effect the Strategic Plan for the Institute. This is your Institute; my role, working with the Institute Advisory Board, has been to serve as your facilitator. I take great pride in what we have achieved together.

Although this document is billed as an “Annual Report”, it has been prepared, deliberately, to cover a longer period of time. The Institutes opened their doors in January 2001. Eighteen months or so later, we are beginning to see results from our initial programs. I wanted to provide a document that would reflect that progress and would be testimony to what has already been achieved and a useful indication of what is to come, rather than simply provide a list of promises.

This report forms the basis of a presentation to Governing Council made in November 2002. The Strategic Plan of IHDCYH was based on the premise that CIHR would be successful in reaching its goal of \$1 billion support for health research in Canada, and that the strategic allocations to each of the individual Institutes would reach \$20-25 million per annum over the next 4-5 years. We have mapped out a portfolio of programs that provide a career structure for individual investigators. The success of IHDCYH based researchers in generating support for the ten training centres related to our Institute is a wonderful initial step. We are launching requests for targeted funding in strategic areas that are multi-pillar and trans-disciplinary, and will make a difference to the health of Canadians. We continue to seek ways to partner with colleagues, both within CIHR and outside, in the development of new research teams. We are exploring new collaborations to build international linkages and to champion major inter-institute initiatives. These are truly exciting times to be involved in health research in Canada.

In closing, I must thank the Governing Council of CIHR and President Alan Bernstein for the latitude and total support that they have given to each of the Institutes over the past months. They have allowed us to evolve uniquely, yet as equal members of the family that is CIHR. My special thanks go to the members of my Institute Advisory Board and Chair Michael Kramer, for the leadership and advice they have provided to me and for their very active involvement and commitment to the development of our Institute. These colleagues are truly full-time volunteers! Finally, I am indebted to the members of our Directorate office in Toronto and Ottawa. Our staff compliment is small, but their ability to respond to the challenges and opportunities of the past 18 months has been quite extraordinary. This report reflects a myriad of inputs, as always your feedback will be invaluable.

John R.G. Challis, DSc, FRSC  
Scientific Director

November 2002

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**For further information, please contact:**

**CIHR, Institute of Human Development, Child and Youth Health**

University of Toronto  
Medical Sciences Building, Suite 3368  
1 King's College Circle  
Toronto, Ontario, Canada M5S 1A8

Tel: 416-946-7977

Fax: 416-946-7980

**[www.cihr-irsc.gc.ca](http://www.cihr-irsc.gc.ca)**

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## PROFILE OF THE INSTITUTE

The Institute of Human Development Child and Youth Health (IHDCYH) is one of thirteen institutes of the Canadian Institutes of Health Research (CIHR). Together, these institutes share responsibility for achieving the principal objectives of CIHR, which are:

“...to excel, according to internationally accepted standards of scientific excellence, in the creation of new knowledge, and its translation into improved health for Canadians, more effective health services and products and a strengthened Canadian health care system” (CIHR Act, Section 4, C-6, R.S.C. 2000).

The Institutes were created to promote and build upon Canada’s firm foundation of research excellence by engaging the research community and encouraging interdisciplinary, integrative health research across sectors and regions. The four pillars of health research include biomedical, clinical science, health systems and services, and the social, cultural and other factors that affect the health of populations.

This Institute is dedicated to supporting research and building research capacity in human development, child and youth health. This broad mandate covers five defined periods of the life cycle: before conception; fetal development during pregnancy and the health and well-being of the mother; at birth; in infancy and childhood; and in youth. As a virtual Institute, IHDCYH supports and links researchers located in university, hospital and other research centres across Canada.

## ORGANIZATIONAL STRUCTURE

In December 2000, Dr. John Challis, former Chair of the Department of Physiology at the University of Toronto, was appointed as Scientific Director of the Institute of Human Development, Child and Youth Health. An Advisory Board and Directorate Staff support the Scientific Director.

## INSTITUTE ADVISORY BOARD

The Institute Advisory Board was appointed in January 2001 and consists of eighteen members who are leaders in their respective fields. These individuals represent different disciplines, sectors, regions and pillars of health research. The IAB is chaired by Dr. Michael Kramer, Professor of Pediatrics and of Epidemiology and Biostatistics, McGill University. The IAB provides support and makes recommendations to the Scientific Director and has played an integral role in the development of the strategic plan of the IHDCYH. The Board's membership has remained unchanged since its appointment (Appendix A).

## STANDING COMMITTEES

To support the broad mandate of the Institute, five Standing Committees have been created. Each Standing Committee is chaired by a member of the Advisory Board and has broad representation from the research community, government sectors, research foundations, and "Not-for-profit" agencies. The Standing Committees reflect the trans-disciplinary nature of the Institute (Appendix B). The purpose of the Standing Committees is to reach out further to the scientific community and assist in assessing current and future research needs.

## DIRECTORATE OFFICE

The Directorate of the Institute of Human Development, Child and Youth Health is located within the Faculty of Medicine at the University of Toronto. The staff in Toronto includes the Scientific Director, Assistant Director and Executive Assistant, and part-time Events Coordinator. The office is linked to CIHR Central through an Institute Liaison Officer (0.5 FTE) based in Ottawa. Over the past year IHDCYH has been fortunate to provide placements for five students studying in a variety of disciplines. This has provided these young people with a greater understanding of the administrative side of research and the role of CIHR.



Institute Advisory Board,  
CIHR-IHDCYH and staff  
members May, 2002





## OUTSTANDING RESEARCH

### STRATEGIC PLANNING PROCESS

The Institute embarked on a strategic planning process between July and December 2001. The purpose was to set the direction of the Institute, identify and refine strategic research priorities, and target actions for capacity building and knowledge translation over the next 3-5 years. The planning process built on the extensive cross-country consultation conducted by the Scientific Director during the first 6 months of the Institute. Investigators were also encouraged to provide input to the development of the Institute through the CIHR web site. A consultant was hired to facilitate the planning process. Steps included:

- Interviews and focus groups of constituents, key stakeholders, societies, membership organizations, and health charities
- Review of key CIHR documents and child and youth health reports
- National planning retreat in October 2001 with approximately 70 participants in attendance, representing a broad, multi-stakeholder group
- Development of criteria for establishing research priorities
- Development of Vision, Mission, Goals and Objectives for the Institute
- Consensus on the identification of Strategic Research Priorities
- Identification of support mechanisms for advancing the research agenda (these include training, support to new investigators, and selected research programs)
- Development of an implementation framework and timelines
- Finalization of the strategic plan “Building the Life Foundation” to share with our respective communities



To ensure the best start in life for all Canadians and the achievement of their potential for optimal growth and development.

**Our Vision**

To ensure the best start in life for all Canadians and the achievement of their potential for optimal growth and development.

**Our Mission**

To promote and facilitate research at the highest international standards in reproductive and developmental biology, pregnancy and birth, and the health and development of newborns, children, youth and their families.

**Our Objectives**

At the beginning of the Strategic planning process the Institute Advisory Board articulated a series of objectives to guide the development of the plan. These were reaffirmed during the October 2001 retreat delineated in the strategic planning document and continue to guide the work of the Institute.

**Our Strategic Research Priorities**

Six strategic research themes were identified through the strategic planning process. These are:

- Pre and post implantation health
- Reproductive aging
- Fetal growth and preterm birth
- Reducing the burden of congenital abnormalities
- Developmental trajectories of children and youth
- Causes, prevention and treatment of acute and chronic illness in children and youth.

## FUNDING OUTSTANDING RESEARCH

Over the past 12-18 months, the Institute of Human Development, Child and Youth Health has developed a portfolio of programs to support researchers at different career stages. These include Training Centre Programs to build increased capacity across all four CIHR pillars; New Investigator Starter Awards (in partnership with the Hospital for Sick Children Foundation) to provide early seed funding; New Emerging Team (NET) Awards to help develop a critical mass of small groups of investigators in targeted areas; individual operating and One-Time-Only operating awards; various group awards including Group grants, IHRT and CAHRs, and trans-pillar team approaches through Requests for Applications (RFA) in strategic areas (See Figure 1). To facilitate investigators coming together in new ways and with new purpose, IHDCYH launched an extensive Workshop Program through its support grant, and has provided a base of support and funding for various consortia.

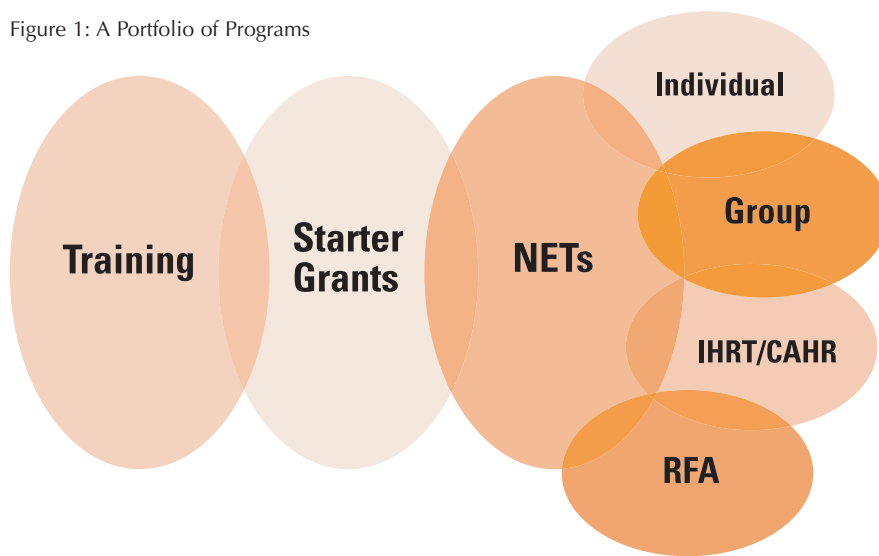
### Training Centre Program

- Of the 51 training centre programs awarded in the first CIHR-wide RFA, IHDCYH was affiliated with ten of these. IHDCYH was primary sponsor for six centres, co-primary for one centre, and a partial sponsor for a further three training centres (Appendix C)
- IHDCYH allocated \$856,000 to this program in 2001-2002.

### Start-up Grants

- Provided ten \$25,000 start-up grants in the first round of the Training Center program, to Principle Investigators whose Training Centre was affiliated with IHDCYH
- IHDCYH is partnering with Hospital for Sick Children Foundation to provide 12-15 starter grants of \$65,000 per annum for two years to new investigators working in strategic areas of the Institute.

Figure 1: A Portfolio of Programs





**IHDCYH has partnered with five other CIHR Institutes providing financial support to 10 NETs.**

#### **New Emerging Team Grants**

- This program is a new initiative for CIHR. It involves establishing a critical mass (team) of investigators in a designated area of research. Salary support is provided for a new investigator to link with senior scientists as part of a core team
- IHDCYH has partnered with five other CIHR Institutes providing financial support to 10 NET's (Appendix D). The total contribution in this fiscal year from IHDCYH was \$653,064.

#### **One-Time-Only Awards**

- Provided One-Time-Only operating awards for twelve months to nine investigators who were rated highly in the Sept 2001 open competition, but were just below the cut-off for grant funding. One of these was a new investigator who had never received CIHR funding (Appendix E)
- Awards ranged from \$22,508 to \$131,958 with a total IHDCYH contribution of \$749,779. All investigators receiving this funding reapplied to the March 2002 CIHR open competition. Five were successful in their applications (56% success rate), and received CIHR longer term funding.

#### **Institute Affiliated grants**

- From the Sept 2001 and March 2002 CIHR-funded open competitions, 77 and 75 investigators, respectively, identified IHDCYH as their primary Institute.

## RFA Development

Our philosophy has been to develop the formation of a relatively small number of large RFA's that support cross-pillar inter-disciplinary teams of investigations in accordance with the mandate of CIHR. The Institute has developed a Consensus Conference process to develop large Requests for Application in each of our research priority areas. The format included inviting leaders in the field of research to present, discuss and identify:



**Our philosophy has been to develop the formation of a relatively small number of large RFA's that support cross pillar inter-disciplinary teams of investigators.**

- 1 What is the current thinking and evidence in this area?
- 2 Where are the information gaps?
- 3 What research questions need to be answered to address these gaps?
- 4 Is there capacity within Canada to undertake such research?
- 5 What types of funding programs are required to support such research?

An important outcome of the Consensus Conference process is the development of a Request for Application (RFA). Over the next 3-4 years we will launch RFA's in each of our strategic priority areas. Within the past year, the Institute has elected to focus on two strategic areas: pre and post implantation health (Healthy Gametes and Great Embryos) and fetal growth and pre-term birth (Healthy Pregnancy for Great Life Beginnings). In early 2003 we will hold a Consensus Conference in the area of developmental trajectories of children and youth.

Key steps and achievements include:

- Consensus Conference leadership from the Institute Advisory Board and Chair of the relevant Standing Committee (initially Reproductive Biology)
- Standing Committee involvement and support of Consensus Conference process
- Brought together leaders in this area of research
- Successfully held a Consensus Conference on Pre- and Post- Implantation Health, to develop the IHDCYH Request for Application on "Healthy Gametes and Great Embryos" (April 02, Appendix F)
- Launched the RFA pre-announcement entitled "Healthy Gametes and Great Embryos", which was posted onto the CIHR website and disseminated to the research community and interested stakeholders
- Launched the full Request for Application on "Healthy Gametes and Great Embryos" a five year \$750,000 per annum funding initiative (May, 2002).  
[www.cihr.irsc.gc.ca/services/funding/opportunities/institutes/2002/rfa\\_gametes\\_e.shtml](http://www.cihr.irsc.gc.ca/services/funding/opportunities/institutes/2002/rfa_gametes_e.shtml).



**Between April 2001- September 2002, IHDCYH funded 43 workshops with a multi-disciplinary cross-pillar approach.**

- Provided funding support to research teams towards the development of Letters of Intent for the RFA in Healthy Gametes and Great Embryos. Five grants up to a maximum of \$7,500 were awarded
- Developed an arms length peer review committee of international experts for the review of Letters of Intent. Invited 7 out of 11 applicants to submit a full application for funding on “Healthy Gametes and Great Embryos”
- Developed the next major RFA through a similar process: Consensus Conference leadership from the Institute Advisory Board and Chairs of relevant Standing Committees (Developmental Biology, Pregnancy and Birth, and Newborns)
- Developmental Biology, Pregnancy and Birth and Newborn Standing Committees involvement and support of Consensus Conference process
- Brought together leaders in pregnancy, birth and neonatology research
- Successfully held a second Consensus Conference on Fetal Growth and Preterm birth, to develop the IHDCYH Request for Application on “Healthy Pregnancy and Great Life Beginnings”(May 02, Appendix G)
- Launched the RFA pre-announcement entitled “Healthy Pregnancy for Great Life Beginnings”, posted onto the CIHR website and disseminated to the research community and interested stakeholders
- Launched the full Request for Application on “Healthy Pregnancy for Great Life Beginnings”, a five year \$750,000 per year funding initiative (Sept 01, 2002) [www.cihr-irsc.gc.ca/services/funding/opportunities/institutes/2002/rfa\\_healthy\\_pregnancy\\_e.shtml](http://www.cihr-irsc.gc.ca/services/funding/opportunities/institutes/2002/rfa_healthy_pregnancy_e.shtml)
- In the initial planning stages for the development of a third Consensus Conference on the developmental trajectories of children and youth (spring 2003).

### **Workshop Programs**

IHDCYH has developed a Workshop Program that provides funding to a maximum of \$10,000 to assist in the development of multi-disciplinary, cross pillar research applications. This support allows networks to meet and discuss the current science in their specific area and provides opportunities for collaborative multi-disciplinary, cross-pillar grant submissions.

- Between April 2001 - September 2002, IHDCYH funded 43 workshops with a multi-disciplinary, cross-pillar approach and focus on reproduction, maternal, child and youth health. The workshops have been distributed geographically across Canada (Appendix H)



## EXCELLENT RESEARCHERS AND A ROBUST RESEARCH ENVIRONMENT

Over the past year, the IHDCYH has focused on building an infrastructure to support excellence in research and to build an environment that supports our research community. Initiatives in this area have included:

### LISTENING TO OUR COMMUNITY

- Presentations and meetings held across Canada with researchers, research foundations, professional organizations, non-governmental and governmental departments to refine the thinking in the research priorities paper, engage the research community in the work of the Institute and play a role in the development of the strategic direction of IHDCYH
- Synthesis from cross-country meetings resulted in an interim research priorities paper (authored by the Scientific Director, July 2001) [www.cihr-irsc.gc.ca](http://www.cihr-irsc.gc.ca). This has been widely circulated for discussion and posted on the IHDCYH website
- Responding promptly to the needs and requests of our research community through written correspondence, e-mail and telephone
- Proactively taking issues identified, and recommendations made by our research community back to CIHR.

## LINKING WITH OUR COMMUNITY

- Establishing researcher database – linking together all stakeholders who are affiliated with IHDCYH. Database includes researchers funded in the open competitions (Sept 01 and March 02), and investigators supported through all other IHDCYH programs. Substantial progress has been made in building this database, which currently has approximately 1,500 contacts
- Through the Interdisciplinary Health Research Team and Community Alliance for Health Research programs, a process is now in place, which brings together new teams of investigators. IHDCYH has been linking with these programs and building opportunities for collaboration through initiatives which did not exist prior to the formation of CIHR
- Building researcher network through the IHDCYH website – activities include:
  - A quarterly Scientific Director column on CIHR-IHDCYH website ([www.cihr-irsc.gc.ca /institutes/ihdcyh.index\\_eshtml](http://www.cihr-irsc.gc.ca/institutes/ihdcyh.index_eshtml))
  - Institute newsletter name competition - Benjamin Alt, M.Sc. student at the University of Quebec, National Research Scientific Institute, was the winner, naming the IHDCYH newsletter as Protégé. The winner's prize was awarded by the Board Chair during the May 2002 board meeting in Ottawa. Newsletter name promoted on IHDCYH website
  - Interviewed distinguished CIHR senior investigators and Training Centre Principal Investigators to promote and profile their research on the IHDCYH website
  - Informed research community on the make-up of our Institute Advisory Board by extending biographical sketches of board members and profiling on the IHDCYH website
  - Promoting achievements of researchers affiliated with IHDCYH by highlighting accomplishments, awards and honors as newsworthy items on the IHDCYH "What's New" section of the website
- In partnership with the Institutes of Aboriginal Peoples' Health, Genetics and Population and Public Health, co-hosted the launch of the Toronto based CIHR Institutes in October 2001. Dr. Victor Han presented on behalf of the IHDCYH. His presentation and those of other presenters can be found on the CIHR website [www.cihr-irsc.gc.ca](http://www.cihr-irsc.gc.ca)
- Attended Institute supported workshops and conferences to link with researchers, organizations and associations in support of their work. Participated in the strategic retreats and workshops of other Institutes to seek opportunities for partnership and collaboration.



IAB chair Michael Kramer and Benjamin Alt, Winner of the "Name the Newsletter" competition, May 2002

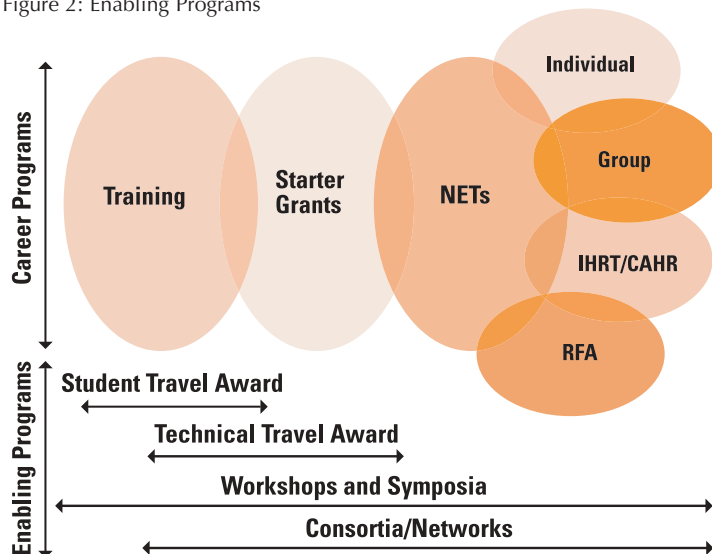


## FUNDING SUPPORT TO OUR COMMUNITY

In parallel with the career portfolio (Figure 1), we have developed several enabling programs for our investigators.

- In partnership with industry (Serono) a workshop was held in February, 2002 with the purpose of discussing current research in pre- and post- implantation health and exploring opportunities for further collaboration between Serono and CIHR, and Serono and individual investigators. Approximately twenty investigators from Canada attended the meeting in Boston, USA (Appendix I). Since that time, several collaborations have been formed, and Memoranda of Understanding developed
- IHDCYH has provided financial assistance to consortia and research networks. This support has assisted in the continuation and strengthening of these networks/consortia, which are important venues for collaborative research and for IHDCYH to communicate with its stakeholders. Examples of such networks include: (Canadian Fertility and Andrology Society; Child and Youth Network)
- Student Travel Award Program – This was established to support trainees to attend national or international conferences in their area of study. The program is in collaboration with several professional societies such as the Canadian Fertility and Andrology Society, Society for the Study of Reproduction, International Conference on Multiple Pregnancy. To date, approximately 150 students have received stipends to attend conferences. Trainees must either give an oral presentation or poster session to be eligible for support
- Technical Travel Grant Program - IHDCYH recognizes that investigators must keep abreast of the latest techniques and models in their field of research. To this end, IHDCYH has developed this program to support investigators to visit other research laboratories or centres to receive the necessary training. Promotion is through the CIHR-IHDCYH website and can be applied for online. To date, four investigators have been funded to a maximum of \$2,500
- Workshop Program to assist in the development of multi-disciplinary, cross-pillar research applications. See pg 8, Appendix H.

Figure 2: Enabling Programs





Over 175 delegates attended the National Forum on the Environmental Influences on Health.

### Environment and Health Initiative

- Championing a CIHR cross-Institute initiative on the Environmental Influences on Health, IHDCYH, in partnership with the KT branch at CIHR, conducted a cross-country consultation to reach consensus on the major issues and concerns relating to the environment and health in Canada
- Developed a partnership with Health Canada and Environment Canada in building a National Research Agenda in Environmental Health and secured sponsorship towards this event
- Developed an “Environmental Influences on Health” position paper as a first step in building a National Research Agenda in this area. Paper was entitled “Identifying National Research Priorities for the Environmental Influences on Health” and can be located on the CIHR website at: [www.cihr-irsc.gc.ca/publications/aboutcihr/environmental\\_influences\\_e.shtml](http://www.cihr-irsc.gc.ca/publications/aboutcihr/environmental_influences_e.shtml)
- Formed a Steering Committee of outstanding researchers and policy makers in the environmental health field to advise on the national consultation and the planning for a National Forum (Appendix J)
- Developed the infrastructure, committee and logistic support mechanisms
- Promoted the results of the national consultation on the CIHR website for wider dissemination and the opportunity for ongoing discourse
- Included student trainees in the development of the National Forum on Environmental Health
- Hosted the National Forum on the Environmental Influences on Health in Ottawa, September 12-14, 2002. Over 175 delegates attended representing multi-disciplinary, multi-sectoral interests and research (Appendix K)
- National Forum concluded that the following four areas should be the basis of a subsequent RFA:
  - Identify and protect vulnerable populations (eg. children, aboriginal, agricultural workers, urban poor, etc)
  - Predict and adapt to the changing environment (eg. water quality, food security, global climate change, built environment, etc)
  - Close the gap in our understanding of exposures and how they result in health effects (eg. innovative technologies, lifetime exposures, etc)
  - Develop and apply new knowledge on the biological, physical, chemical, psycho-emotional and social determinants of health and their interactions
- National Forum Proceedings will be available on the CIHR web site by the end of November 2002. ([www.cihr-irsc.gc.ca/publications/about-cihr/environmental\\_influences\\_e.shtml](http://www.cihr-irsc.gc.ca/publications/about-cihr/environmental_influences_e.shtml)).

### International Health Initiatives

- With Institute of Gender and Health supported a team of Canadian health researchers to visit Uganda to assist with developing a program to reduce maternal, fetal and newborn mortality and morbidity in that country
- With Institute of Population and Public Health supported a Maternal and Child Health International Research Network meeting
- Supported an international workshop on AIDS/HIV.



## PARTNERSHIPS AND PUBLIC ENGAGEMENT

IHDCYH recognizes that many organizations, professional associations and societies, charities, private sector organizations and government agencies share the goals and interests of the Institute. These groups bring valuable expertise, commitment, enthusiasm and resources to potential research initiatives. Over the past year IHDCYH has attempted to foster and strengthen linkages with other Institutes, external organizations and groups. Below are examples of this work in building partnerships for research and developing plans to engage the Canadian public.

### Partnerships with other CIHR Institutes

- Partnered with many of the CIHR Institutes to co-sponsor training initiatives such as the New Emerging Team Program, Training Centre Program, cross-cutting initiatives (tobacco, rural and northern health, environment and health, gene and the environment, national birth cohort study)
- IHDCYH is a member of Tobacco cross-cutting initiative Steering Committee
- IAB member represented IHDCYH in strategic planning process for Rural and Northern Health initiative
- Co-sponsored workshops with other Institutes (eg. maternal child research network, oral health, fetal alcohol syndrome).

### Partnerships with other Federal Agencies

- Participated in and presented at a Health Canada Workshop on the Environment and Health (May, 2002)
- Partnered with Health Canada and Environment Canada on building a national research agenda on the environmental influences on health
- Board member of Health Canada's Centres of Excellence program on early childhood development.



**IHDCYH is developing international exchange programs for training post doctoral fellows with Japan, New Zealand, Australia, USA and the United Kingdom.**

### **Partnerships with Organizations, Associations and Professional groups**

- Partnered with the Laidlaw Foundation and the Institute of Neuroscience, Mental Health and Addiction on a workshop on “The Neurological Developmental Significance of Recreation in Early Adolescents” (Appendix L)
- Built partnerships and held regular meetings with professional organizations such as the Canadian Pediatrics Society, Society of Obstetrics and Gynecology, Canadian Fertility and Andrology Society, Canadian Association of Pediatric Health Centres
- Invited potential partners to be involved in all the Institutes’ activities such as the Consensus Conference and development of the RFA
- Delivered presentations to the Boards of groups such as the Society of Gynaecologic Investigation, Sutton Group, Association of Professors of Obstetrics and Gynaecology, Canadian Pediatric Chairs, Hospital Foundations, and Non-Governmental Organizations (e.g. Autism Society of Canada)
- Delivered presentations at Canadian Medical Schools and Health Science Centres across the country

### **International Partnerships**

- Developed or developing international exchange programs for training post doctoral fellows with Japan, New Zealand, Australia, USA and United Kingdom. The Director will co-chair a newly constituted panel on Reproductive Health with his Japanese counterpart
- Support of symposia, for example 13th World Congress International for the study of Hypertension in pregnancy, Society of Gynecologic Investigation - Pre-term labour Symposia and the 6th Joint Meeting in Pediatric Endocrinology

### **Public Engagement**

- Invited member of Welcome Trust division of “public engagement” to present to the Institute Advisory Board on the public engagement strategy of the UK Welcome Trust
- Hosted a public lecture as part of a co-sponsored workshop on “Adolescent Brains & Developmental Opportunities: The Role of Recreation Engagement”



## TRANSLATION AND USE OF KNOWLEDGE

The second, transformative aspect of the CIHR Act refers to excelling in the translation of new knowledge to improve the health of Canadians, provide more effective health services and products and strengthen the Canadian health care system. The Institute of Human Development, Child and Youth Health recognizes the importance of fostering the translation of research in the area of maternal, child and youth health. The following strategies and actions have been pursued in the last year to meet this goal:

### LISTENING TO OUR COMMUNITY

#### **Knowledge Translation Research Workshop**

- Championed by the Institute Advisory Board, IHDCYH hosted a workshop on knowledge translation research in Calgary, June 7-8, 2002. It was attended by 120 delegates, representing multi-disciplinary researchers from all types of health research, other CIHR institutes and a stellar group of speakers (Appendix M)
  - Supported the infrastructure, committee and logistic mechanisms
  - Secured further sponsorship for the workshop including – University of Calgary Planning Initiatives Fund and Offices of the President & Vice President, CIHR – Knowledge Translation Division, Health Canada, Canadian Institute of Child Health, and Human Resources Development Canada
  - Allocated 25 trainee travel awards - trainees attended from a variety of disciplines and regions across Canada.
  - Conducted Trainee orientation session as an introduction to CIHR and knowledge translation research
  - A proceedings report from the Knowledge Translation workshop is being prepared. This will guide IHDCYH support to KT research

### Communications Strategy

- Recruited a group of volunteers from senior positions in the media sector (TV, publishing, radio, editorial, marketing and advertising) to assist IHDCYH on its public engagement strategy and to advise on how best to achieve our goals
- Hired a communications consultant to develop a communications strategy focused on engaging the general public in the work of the Institute and the results of the latest scientific findings in maternal, child and youth health
- Developed a communications strategy defining IHDCYH initiatives in knowledge exchange
- Developed Strategic Planning Report – “Building the Life Foundation”, 2001-2005 and disseminated approximately 1,800 copies to date
- Developed an Institute of Human Development, Child and Youth Health identity and resource materials for promoting the Institute. Examples include:
  - Executive Summary of the strategic plan
  - Standardized Power point presentations for Institute Advisory Board on IHDCYH strategic research priorities and workshop program
  - One page flyer describing the Institute and its objectives
  - Developed promotional materials for expositions and conferences
  - Added PDF versions of all reports and summaries onto CIHR-IHDCYH website

### LINKING WITH OUR COMMUNITY

- Institute Advisory Board represented the Institute at workshops, conferences and meetings whenever possible
- Built alliances with print and television media to share findings from science on maternal, child and youth health
- The Directorate has supported Institute Advisory Board members to attend Institute-supported workshops as representatives of IHDCYH
- Exhibited at professional society conferences to promote CIHR funding opportunities and to link with the research community. Venues include annual meetings of Society of Obstetricians and Gynecologists of Canada, Canadian Pediatric Society, Canadian Association of Pediatric Health Centres and Society for Gynecologic Investigation
- Provided placement experience for CIHR Science writer recipient who supported work of communications strategy



## ORGANIZATIONAL EXCELLENCE

- Directorate office housed in refurbished space in the Medical Sciences Building (Suite 3368), University of Toronto
- Directorate office hired staff in summer 2001 and focused on establishing a functional and efficient office environment
- Hosted an IHDCYH open house October 1, 2001. CIHR Governing Council Member and Dean of the Faculty of Medicine, Dr. David Naylor and Dr. Michael Kramer, Chair of the Institute Advisory Board officially opened the Institute office
- Sought expertise and services of a variety of consultants to support the work of the Institute in specific areas, such as strategic planning, graphic design and communications/media
- Undergraduate and graduate students from University of Toronto work part time with the Directorate, learning about CIHR, its mandate, and the development of a national research agenda
- Directorate arranged four major national workshops, two consensus conferences and six IAB meetings between April 2001 and September 2002







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## SUMMARY

In summary, this has been an exciting and groundbreaking eighteen months for the Institute of Human Development, Child and Youth Health. The strategic areas of research for IHDCYH have been prioritized, the mix of programs necessary to support outstanding research has been developed and the infrastructure necessary to build a robust research environment has been established. This report reflects the progress of the Institute in all these areas and articulates our plans for the future.

Through cross-country consultations and the hosting of a retreat with key stakeholders, early in the formation of the Institute, six priority areas for research were identified, a five-year strategic plan was created and the slogan “Building the Life Foundation” was born. Building on the strategic planning process, a portfolio of programs was developed. This provides a career structure for individual investigators and includes:

- Training Centre Programs
- Start-up Grants
- New Emerging Team Grants
- One-Time-Only Awards
- Requests for Applications for targeted funding in strategic areas that are multi-pillar and trans-disciplinary

A parallel series of enabling programs was also developed to support investigators and included:

- Workshop Program
- Consortia and Network support
- Student Travel Awards
- Technical Travel Grant Program
- National Forums to develop national research agendas



**The many communities... helped guide the creation of an Institute which is committed to scientific excellence... and the sharing of new information...**

IHDCYH has partnered with colleagues within CIHR and outside in the development of new research teams, and new collaborations to build international linkages and to champion major inter-institute initiatives. Over the past eighteen months IHDCYH has attempted to nurture, strengthen and build linkages with many organizations that share common goals and interests.

In fostering the translation of research in maternal, child and youth health, IHDCYH has championed a knowledge translation research workshop, established linkages with the media community, developed a comprehensive communications plan and developed key resources to support this initiative.

Perhaps most importantly, IHDCYH has attempted to identify and reach out to the many communities who align with this Institute. We have listened to their needs and expectations. Each has helped guide the creation of an Institute that is committed to scientific excellence, the creation of new knowledge and the sharing of new information to improve the health and wellbeing of all Canadians.

The initiatives of the past eighteen months have created a base and trajectory for the Institute's growth. We are truly "Building the Life Foundation".



CIHR IRSC

## APPENDICES

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**CIHR - IHDCYH ADVISORY BOARD****Michael Kramer, MD [CHAIR]**

Professor

Departments of Pediatrics and of Epidemiology and Biostatistics  
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Pediatrics, Ophthalmology & Pharmacology  
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Director

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**Peter Gluckman, CNZM, MBChB, MMedSc, DSc, FRACP, FRCPCH, FRSNZ, FRS**

Director

Liggins Institute

University Distinguished Professor  
University of Auckland

**Harvey Guyda, MD, FRCPC**

Dodds Professor and Chair

Department of Pediatrics  
McGill University

## APPENDIX A (cont'd)

**Jean Lafrance**, PhD, RSW  
Associate Professor

Head of the Edmonton Division  
Faculty of Social Work  
University of Calgary

**Catherine McCourt**, MD, MHA, FRCPC  
Director

Health Surveillance and Epidemiology Division  
Health Canada

**Patrick J. McGrath**, O.C., PhD, FCPA, FRSC

Killam Professor of Psychology  
Professor of Pediatrics and Psychiatry

Canada Research Chair  
Dalhousie University

**Bruce Murphy**, PhD  
Director

Animal Reproduction Research Centre  
Faculty of Veterinary Medicine  
University of Montreal

**David (Dan) R. Offord**, CM, MD  
Director

Canadian Centre for Studies of Children at Risk  
McMaster University

**Bryan Richardson**, MD, FRCSC  
Professor

Departments of Obstetrics and Gynaecology, Pediatrics and Physiology  
University of Western Ontario

**Bonnie Stevens**, RN, PhD  
Professor

Faculties of Nursing and Medicine  
University of Toronto  
Signy Hildur Eaton Chair in Paediatric Nursing

**Aubrey Tingle**, MD, PhD, FRCP(C)  
President and CEO

Michael Smith Foundation for Health Research  
University of British Columbia

**Richard Tremblay**, PhD, FRSC  
Professor

Department of Psychiatry and Psychology  
University of Montreal

**Dawn Walker**, RN  
Executive Director

Canadian Institute of Child Health

## REPRODUCTIVE STANDING COMMITTEE

**Dr. Bruce Murphy** [CHAIR]

Director

Animal Reproduction Research Centre  
Faculty of Veterinary Medicine  
University of Montreal

**Dr. Robert F. Casper**

Head, Division of Reproductive Sciences  
University of Toronto  
Mount Sinai Hospital

**Professor Salim Daya**

Department of Obstetrics & Gynaecology  
McMaster University

**Ms Julie Fisher**

Clinical Leader, REI Program  
London Health Sciences Centre

**Dr. Tom Kennedy**

Professor, Department of Physiology  
The University of Western Ontario

**Raymond Lambert**

Professeur titulaire  
Department Ob/Gyn and CRBR  
Laval University  
And CHUL Research Centre

**Dr. Peter Leung**

Professor and Head  
Research Division  
Department of Obstetrics and Gynecology  
University of British Columbia

**Dr. Roger Pierson**

Director  
Reproductive Biology Research Unit  
University of Saskatchewan

**Dr. Derrick Rancourt**

Associate Professor

Dept. of Biochemistry and Molecular Biology  
University of Calgary

**Dr. Bernard Robaire**

Professor

Department of Pharmacology & Therapeutics  
McGill University

**Dr. Barbara Vanderhyden**

Corinne Boyer Chair in Ovarian Cancer Research  
University of Ottawa  
Centre for Cancer Therapeutics

## APPENDIX B

# DEVELOPMENTAL BIOLOGY PREGNANCY AND BIRTH STANDING COMMITTEE

**Dr. Bryan Richardson** [CHAIR]

Professor

Dept. of Obstetrics & Gynaecology  
Physiology and Pediatrics  
St. Joseph's Health Centre

**Dr. Tony Armson**

Dept. of Obstetrics & Gynaecology  
Dalhousie University

**Dr. Jay Cross**

Dept. of Biochemistry & Molecular Biology  
University of Calgary

**Dr. Sandra Davidge**

Dept. of Obstetrics & Gynaecology and Physiology  
Perinatal Research Centre  
University of Alberta

**Dr. Bill Fraser**

Chair

Dept. of Obstetrics & Gynaecology  
Laval University

**Dr. K. S. Joseph**

Dept. of Obstetrics & Gynaecology and Pediatrics  
Dalhousie University and the IWK Health Centre

**Dr. Gerry Kidder**

Dept. of Physiology and Obstetrics & Gynaecology  
University of Western Ontario

**Dr. Shoo Lee**

Department of Pediatrics  
Centre for Health Evaluation Research  
University of British Columbia

**Dr. Stephen Lye**

Vice President of Research and Assistant  
Director

Samuel Lunenfeld Research Institute  
Mount Sinai Hospital  
Toronto

**Dr. Jim Roberts**

Director

Magee Women's Research Institute  
Pittsburgh

## NEONATOLOGY STANDING COMMITTEE

**Dr. Sylvain Chemtob** [CHAIR]  
Professor Pediatrics, Ophthalmology And Pharmacology  
Université de Montréal  
Hôpital Sainte-Justine, Centre de recherche  
Montreal

**Dr. Harry Bard**  
Professor Pediatrics  
Université de Montréal  
Hôpital Saint-Justine, Centre de recherche  
Montreal

**Dr. Jaques Belik**  
Professor of Pediatrics  
University of Toronto  
Division of Neonatology  
Hospital for Sick Children

**Dr. Kenneth D. Craig**  
Professor of Psychology & CIHR Senior Investigator  
Department of Psychology  
University of British Columbia

**Dr. Ruth Eckstein Grunau**  
Clinical Associate Professor  
Department of Pediatrics, UBC  
Biobehavioral Research Unit  
Centre for Community Health & Health Evaluation Research  
B.C. Research Institute for Children's & Women's Health

**Dr. Victor Han**  
Canada Research Chair in Perinatal Research  
University of Western Ontario  
The Lawson Research Institute  
London

**Dr. Shoo Lee**  
Co-Director  
Centre for Community Health & Health Evaluation Research  
University of British Columbia

**Dr. Janet Pinelli**  
Associate Professor  
School of Nursing and Department  
of Pediatrics  
McMaster University

**Dr. Henrique Rigatto**  
Director of Neonatal Research  
University of Manitoba  
Department of Pediatrics

**Dr. Saroj Saigal**  
Professor  
Department of Pediatrics  
Division of Neonatology  
McMaster University

**Dr. Bonnie J. Stevens**  
Professor, Faculty of Nursing & Faculty  
of Medicine  
University of Toronto  
Signy Hildur Eaton Chair in Paediatric  
Nursing Research

**Professor Keith Tanswell**  
Head, Division of Neonatology  
Hospital for Sick Children



## APPENDIX B

### CHILD STANDING COMMITTEE

**Dr. Dan Offord** [CHAIR]

Head, Division of Child Psychiatry  
Department of Psychiatry and Behavioural Neurosciences  
Director  
Canadian Centre for Studies of Children at Risk  
Hamilton Health Sciences Corporation  
McMaster University

**Dr. Bob Armstrong**

Associate Professor and Head  
Department of Pediatrics  
University of British Columbia  
Chief, Pediatric Medicine  
Children's & Women's Health Centre of British Columbia

**Dr. Ron Barr**

Professor, Pediatrics & Psychiatry  
McGill University  
The Montreal Children's Hospital

**Dr. Bob Bortolussi**

Professor, Pediatrics  
Associate Professor, Microbiology  
Dalhousie University

**Dr. Don Jamieson**

Scientific Director  
Canadian Language and Literacy Research  
Network (CLLRnet) University of Western Ontario

**Dr. Jean LaFrance,**

Assistant Professor and Division Head  
University of Calgary  
Faculty of Social Work  
Edmonton Division

**Ms Elaine Orrbine**

Chief Executive Officer  
Canadian Association of Pediatric Health  
Centres (CAPHC)  
Ottawa

**Dr. Richard Tremblay**

Professor  
Department of Psychiatry and Psychology  
University of Montreal

**Professor Philip Zelazo**

Dept. of Psychology  
University of Toronto

## YOUTH AND ADOLESCENCE STANDING COMMITTEE

**Dr. Patrick McGrath** [CHAIR]  
Professor, Psychology Department  
Dalhousie University

**Dr. Marcia Barnes**  
Staff Psychologist, Dept. of Psychology  
Associate Scientist, Brain and Behaviour Research Program  
The Hospital for Sick Children  
Assistant Professor, Pediatrics  
University of Toronto

**Kenneth Barter**  
Associate Professor  
Chair in Child Protection  
School Social Work  
Memorial University of Newfoundland

**Dr. Tullio Caputo**  
Associate Professor of Sociology and Anthropology  
Carleton University

**Dr. Gabrielle deVeber**  
Assistant Professor  
Dept. of Pediatrics,  
University of Toronto  
Director, Children's Stroke Program  
HSC, Division of Neurology

**Dr. Bonnie Leadbeater**  
Professor  
Psychology Department  
University of Victoria

**Dr. Kathy N. Speechley**  
Associate Professor  
Department of Epidemiology & Biostatistics  
University of Western Ontario

**Ms Elaine Orrbine**  
Chief Executive Officer  
Canadian Association of Paediatric Health Centres  
Ottawa

**Dr. Michael Rieder**  
Associate Director  
Child Health Research Institute  
University of Western Ontario

**Dr. Darcy Santor**  
Associate Professor  
Department of Psychology  
Dalhousie University

**Dr. Roger Tonkin**  
Chair  
BC Consortium for Youth Health  
Chair  
Board of Directors  
The McCreary Society

**Nico Trocmé**  
Director  
Bell Canada Child Welfare Research Unit  
Faculty of Social Work  
Toronto

**Dr. Wendy Ungar**  
Scientist, Population Health Sciences  
Assistant Professor, Department of Health  
Policy, Management and Evaluation  
Faculty of Medicine  
University of Toronto

**Dr. Frank Vitaro**  
Research Unit on Children's Psycho-Social  
Maladjustment  
Montreal

**Dr. Margaret Willians**  
Associate Professor  
Faculty of Social Work  
University of Calgary

**Dr. Mark Zoccolillo**  
Dept. of Psychiatry  
McGill University-Montreal  
Children's Hospital

## APPENDIX C

### TRAINING CENTRE PROGRAM Principal Investigators and Program Summaries

**Roy Cameron, PhD**

Director

National Cancer Institute of Canada  
Centre for Behavioural Research and Program Evaluation  
Lyle Hallman Institute  
University of Waterloo  
200 University Avenue West  
Waterloo, ON N2L 3G1  
Ph: 519-888-4503  
Fax: 519-886-6424  
Program Administrator Carolyn Hudson  
E-mail: c3hudson@healthy.uwaterloo.ca

**James (Jay) C. Cross, D.V.M., PhD**

Professor

Department of Biochemistry and Molecular Biology,  
Genes & Development Research Group  
University of Calgary  
Faculty of Medicine, HSC Room 2279  
3330 Hospital Drive, N.W.  
Calgary, AB T2N 4N1  
Ph: 403-220-6876  
Fax: 403-270-0737  
E-mail: jcross@ucalgary.ca

**William D. Fraser, MD, MSc, FRCS(C)**

Chef de département et Professeur

Département d'obstétrique-gynécologie  
4e étage, Bloc 8  
Hôpital Sainte-Justine  
3175 Côte-Ste-Catherine  
Montréal, Québec H3T 1C5  
Ph: 514-345-4931, x4155  
Fax: 514-345-4648  
E-Mail: william.fraser@umontreal.ca  
(E-mail Asst: nicole.lupien@umontreal.ca  
and julie.senecal@justine.umontreal.ca)

**Kent T. HayGlass, PhD**

Canada Research Chair in Immune  
Regulation Director,  
National Training Program in Allergy  
and Asthma Research  
Professor and Head, Department  
of Immunology  
University of Manitoba  
730 William Avenue  
Winnipeg, MB R3E 0W3  
Ph: (Lab) 204-789-3793, (Office) 204-789-3509  
Fax: 204-789-3921  
E-mail: hayglass@Ms.UManitoba.CA

**Stephen J. Lye, PhD**

Vice President, Research  
Mount Sinai Hospital  
Associate Director  
Samuel Lunenfeld Research  
600 University Avenue  
Toronto, ON M5G 1X5  
Ph: 416-586-8224  
Fax: 416-586-8857  
E-mail: lye@mshri.on.ca  
(Ass't: bessey@mshri.on.ca)

**Patrick J. McGrath, PhD**

Killam Professor of Psychology  
Professor of Pediatrics and Psychiatry  
Canada Research Chair  
Department of Psychology  
Dalhousie University  
1355 Oxford Street  
Halifax, NS B3H 4J1  
Ph: 902-494-1938, or 902-470-7703  
Fax: 902-494-6585  
E-mail: pmcgrath@is.dal.ca

**M. Stephen Meyn, MD, PhD, FRCP**

Clinician Scientist  
Genetics and Genomic Biology Program,  
The Hospital for Sick Children  
Professor, Department of Molecular  
& Medical Genetics  
Department of Paediatrics,  
Program in Molecular Medicine,  
University of Toronto  
Room 11-105, The Hospital for Sick Children  
555 University Avenue, Toronto, ON M5G 1X8  
Ph: 416-813-8485  
Fax: 416-813-4931  
E-mail: meyn@sickkids.on.ca

**Paul B. Pencharz, MB, ChB, PhD, FRCP**

Professor of Paediatrics and Nutrition  
University of Toronto  
Division of Gastroenterology and Nutrition,  
Room 8263  
The Hospital for Sick Children  
555 University Avenue  
Toronto, ON M5G 1X8  
Ph: 416-813-6169, (Ass't Joanne: 416-813-7733)  
Fax: 416-813-4972  
E-Mail: paul.pencharz@sickkids.on.ca

**Fernand Labrie, MD, PhD**

Director of Research  
CHUL Research Centre  
Laval University Medical Centre  
Professor  
Laval University  
2705 Laurier Boulevard  
Sainte-Foy, QC G1V 4G2  
Ph: 418-654-2704  
Fax: 418-654-2735  
E-Mail: fernand.labrie@crchul.ulaval.ca



## APPENDIX C (cont'd)

**Norman D. Rosenblum, MD**

Pediatric Nephrologist

Senior Scientist

Associate Professor of Paediatrics & Physiology

University of Toronto

Division of Nephrology,

Hospital for Sick Children

555 University Avenue

Toronto, ON M5G 1X8

Ph: 416-813-5667

Fax: 416-813-6271

E-Mail: [norman.rosenblum@sickkids.ca](mailto:norman.rosenblum@sickkids.ca)



## APPENDIX C (cont'd)

**TRAINING CENTRE PROGRAMS SUPPORTED BY IHDCYH****Principal Investigators and Program Summaries****PI - Norman Rosenblum,  
“Canadian Child Health Clinician-Scientist Program”**

The goal of the Canadian Child Health Research Clinician Scientist Program (CCHCSP) is to create a trans-disciplinary training program for the next generation of clinician-scientists in child and youth health research in Canada. To achieve this goal it has established the first national network of 13 Canadian Child and Youth Health Research Centres in partnership with the Hospital for Sick Children Foundation and the B.C. Research Institute for Children's and Women Health. Children and youth are critical to the fabric of Canadian society. While our young people face a multiplicity of health challenges, Canada faces a severe shortage of scientists trained both in the clinical disciplines of child and youth health and in research (clinician-scientists). Clinician-scientists are unique in the community of health research and provide the link between clinical practice and discovery of disease mechanisms and diagnostic and therapeutic applications.

The CCHCSP will recruit trainees, train towards trans-disciplinary research, and support career development. It will recruit trainees from all child health disciplines in collaboration with Canadian and international professional associations, university training programs and the Canadian Association of Pediatric Health Centres. It will train towards trans-disciplinary research by providing doctoral-level and post-doctoral training in interdisciplinary research programs, establishing multi-disciplinary/interdisciplinary symposia and providing a core curriculum through which trainees and mentors will develop a common language in the varied disciplines of research. The curriculum will train in professional knowledge, values and skills in preparation for the final phase in which career development will be supported via ongoing mentoring and co-funding of new faculty with partner institutions.

**PI - Roy Cameron  
“Tobacco Research Training Program”**

This training program will build the urgently needed capacity to conduct research that will reduce the rates of illness and death from tobacco. The primary purpose is to train a new generation of scientists who will conduct trans-disciplinary tobacco research and develop the emerging field of population intervention. The training program will help establish Canada as an international leader in (a) trans-disciplinary tobacco research, (b) the emerging science of population intervention, and (c) development of mechanisms for translating research into practice. The scientists providing the training are based at the University of British Columbia, University of Toronto, and University of Waterloo. All are all actively involved in tobacco research and represent a cross-section of disciplines relevant to population health. A network will be established that links research expertise and skills from different disciplines in new ways currently not possible. A core group with representation from each University provides network leadership. The key elements of the training initiative include: (a) linking students with national experts through videoconference courses and scholar exchanges, (b) apprenticeships with experienced researchers, and (c) research planning meetings that facilitate exchange between researchers and practitioners.

## APPENDIX C (cont'd)

### **PI - James Cross**

#### **“Training Program in Genetics, Child Development and Health”**

Our understanding of human development- from embryo to adult- is being unraveled at a rapid pace. Specifically, the sequencing of the human genome, and advances in modern genetics and experimental biology in model organism systems, are allowing for an understanding of how specific genes determine the formation of tissues of the body. At the same time, we are developing a greater understanding of how the interplay between genetics and the early environment control childhood development. However, for our health care system to take advantage, there is an urgent need to bridge the communication and knowledge gaps between biomedical scientists, clinical researchers and health care professionals no one of which can individually keep up with advancements outside their own fields. The aims of the CIHR training program in Genetics, Child Development and Health are to: (1) broaden the education experience of all trainees in all disciplines related to the development of humans from the earliest stages of embryogenesis to childhood, (2) attract and train a new breed of multi-disciplinary health researcher that will form the nucleus of multi-disciplinary health research teams in the future, and (3) to establish a new class of junior faculty – the Clinical Investigator in Developmental Biology.

### **PI -Fernand Labrie**

#### **“Functional Genomics, Hormones and Health”**

The recent technological advances have revolutionized the traditional approaches aimed at identifying the molecular mechanisms responsible for a long series of diseases. It is now possible to analyze global mechanisms using data obtained on a wide scale, specifically in the field of genomics where the effects can be observed over the whole genome. The competitiveness and efficacy of innovative health research will require the training of researchers having a multi-disciplinary knowledge in these fields of high technology. The strategic program of formation in functional genomics, hormones and health is aimed at providing the students with a multi-disciplinary and complementary training in the fields of genomics, proteomics, bioinformatics and medicinal chemistry. The expected benefits are those of a high level of knowledge in the field of control of gene expression under hormonal influences, thus providing the possibility of discovering candidate genes which will become new diagnostic and therapeutic targets. All tissues of the human body are under the influence of steroid hormones. The diseases and conditions covered by this program are related to fertility, menopause, osteoporosis, obesity, diabetes, disease of the cardiovascular system, skin, immunology and neurodegeneration, psychiatric disorders as well as breast, ovarian, uterine and prostate cancer.

**PI - Stephen Meyn****“Collaborative Graduate Program in Molecular Medicine”**

Of the diseases that lead to the major causes of death in Canada including heart disease, stroke, chronic pulmonary disease and diabetes, amongst others, nearly all result from a complex relation between environment, lifestyle and genetics. There is unprecedented potential in the application of ones genetic information for disease prediction, susceptibility and treatment as major advancements are being realized from the Human Genome Project including the identification of all human genes. Our objectives are to provide a collaborative program at the doctorate level to train the next generation of scientists and clinician scientists from the University of Toronto community in the new emerging field of molecular medicine. This new field will require trans-disciplinary skills that are currently not available in the curriculums of traditional basic science or medical school programs. The training will encourage the application of molecular/gene based studies such that these upcoming scientists and clinicians can be at the forefront of understanding disease susceptibility and variation in drug response as well as provide for the gene based therapies of the 21st century.

**PI - William Fraser****“Strategic Training Initiative in Research in Reproductive Health Sciences”**

The Association of Obstetrics and Gynecology, and is 16 academic departments of Obstetrics and Gynecology, with the support of researchers in Family Medicine, Social and Preventive Medicine, Psychology, Sociology, Faculties of Law and Nursing have developed a proposal for a Strategic Training Initiative in Research in the Reproductive Health Sciences (STIRRHs). The program has two major innovative trusts: (1) The development of trans-disciplinary training in which students are encouraged to take a broad view of ethical and social implications of issues in reproductive health. (2) The development of a Virtual Learning Environment, in which excellent didactic and interactive materials are made available to students across Canada through web-based modules and courses. The Program uses as a training platform outstanding existing research groups that have multi-disciplinary approaches to investigating reproductive health issues that are of central importance to the population: Preterm Birth, Preeclampsia, Assisted Reproductive Technologies, At risk-sexual behavior, and Appropriate use of Obstetrical technologies. In addition, groups that share methodological expertise will develop curricula and educational tools that provide access to avant-garde concepts in their disciplines. Our program will prepare a new generation of researchers in the reproductive health sciences to face the unprecedented challenges that are on the horizon and to develop meaningful and lasting solutions to these problems.

**PI - Patrick McGrath****“Pain in Child Health: An Innovative, Trans-disciplinary Cross-Canada Research Training Consortium”**

Pain in Child Health is an innovative cross-disciplinary research training consortium that will link research centres in 5 cities across Canada. It will create a virtual community of pediatric pain research training centres using information technology, trainee exchanges and a summer/fall institute. Pain in infants and children is of critical importance both because of its immediate physiological effects and because of the potential long-term effects on pain sensitivity and on learning and social functioning. Canadian researchers have been at the forefront of research in this area and this initiative will lead to significant strengthening of the skills of trainees and an increase in the number of highly qualified personnel in this area. These are the prerequisites for further advances in the science of pediatric pain. This consortium has garnered strong support from its academic and industry partners. The training consortium will familiarize trainees with knowledge that is outside their own focus and will foster cross-fertilization and greater collaboration across disciplines and across centres. This initiative will create new understanding of how to protect our most vulnerable citizens from the scourge of unnecessary pain.



## APPENDIX C (cont'd)

### **PI -Paul Pencharz**

#### **“Training Program in Clinical Nutrition”**

Diet and nutrition play important roles in the causation of many diseases. Further in patients in hospital their underlying disease may cause them to become malnourished. Research in these areas has been called Clinical Nutrition.

This training program in Clinical Nutrition focuses on health professionals especially medical doctors and dietitians.

Two types of trainees will be educated. The focus will be on training to the level of a science doctoral degree (PhD).

These trainees are expected to be the future leaders in Clinical Nutrition Research. In addition they will be the teachers of Clinical Nutrition to medical students, residents and fellows. A younger group of trainees will be those just out of their undergraduate Nutrition degree who need to undertake a Dietetic Internship before they can become registered dietitians. For this group it is proposed that a combined masters in science degree be offered along with their internship, which will save about 6 months of training time. Individuals so trained can be expected to function at a higher level of clinical practice and thereby provide better patient care.

### **PI - Stephen Lye**

#### **“The Samuel Lunenfeld Research Institute Interface Training Program: Applying Genomics to Human Health”**

The Samuel Lunenfeld Research Institute (SLRI) Interface Training Program is an innovative concept to develop diverse and highly skilled young researchers capable of moving seamlessly between the discipline of health research and the biopharm/biotech industry. The SLRI will utilize our unique position at the interface of biomedical, clinical, population health and knowledge-based industry to train a new generation of researchers. The ability of this new generation to effectively communicate, interact and partner across disciplines is key to the revolution of health research in Canada.

### **PI - Kent Hayglass**

#### **“Allergy and Asthma: From Molecular Regulation to Population Health”**

Allergy is the most common chronic disease of childhood and the most frequent immunologic disorder at all ages. Its prevalence in developed nations began a major increase 3 to 4 decades ago; no tapering of this rate of growth is evident. A recent Statistics Canada General Social Survey identified allergic diseases as the most common chronic health problem, a finding that underlines the public's concern with this problem. Canada has a strong tradition of excellence in research and education in allergic disease. However, the number of individuals with such expertise is well below the demand. We have developed an international multi-disciplinary training program in the causes and management of human allergic diseases and asthma by bringing together scientists and educators with expertise spanning the four pillars of the CIHR mandate: biomedical, clinical science, health systems and the social and cultural factors that affect population health.

## NEW EMERGING TEAM GRANTS - IHDCYH SUPPORT

### Partnering with: Institute of Nutrition, Metabolism and Diabetes NET - TYPE 1 DIABETES AND ITS COMPLICATIONS

Number	Applicant Name/Grant Title	Amount Funded	IHDCYH Contribution
1	<b>Hill, David J.</b> Pancreatic islet generation from human stem cells	\$248,998	\$40,509
2	<b>Fantus, Ivan</b> "Glucose toxicity: Prevention of diabetes complications and preservation of pancreatic beta-cell function"	\$250,750	\$35,917

### Partnering with: Institute of Neurosciences, Mental Health and Addiction NET - NEURODEVELOPMENT & EARLY LIFE EVENTS

Number	Applicant Name/Grant Title	Amount Funded	IHDCYH Contribution
3	<b>Honer, William</b> Interactions of development, early life experience and genetic predisposition in schizophrenia	\$238,744	\$108,036
4	<b>Brien, James</b> Fetal alcohol syndrome: Oxidative stress and innovative therapies	\$250,000	\$45,834
5	<b>Robaey, Philippe</b> Inattention, impulsiveness and restlessness in childhood: Heritability, genetics, neuropsychology and psychophysiology (KIDNET)	\$249,917	\$124,960
6	<b>Paus, Tomas</b> Long-term consequences of prenatal exposure to maternal cigarette smoking on brain structure, function and mental health in adolescence: Role of genes and environment in brain development	\$272,282	\$41,748

APPENDIX D (cont'd)

**Partnering with: Institute of Circulatory and Respiratory Health  
NET - ASTHMA: PREDISPOSING FACTORS, HEALTH OUTCOMES & PREVENTION**

Number	Applicant Name/Grant Title	Amount Funded	IHDCYH Contribution
7	<b>Becker, Allan</b> Origins of asthma in childhood: The role of gene environment interactions	\$250,000	\$82,200

**Partnering with: Institute of Gender and Health  
NET - VIOLENCE, GENDER & HEALTH ACROSS THE LIFESPAN**

Number	Applicant Name/Grant Title	Amount Funded	IHDCYH Contribution
8	<b>Pepler, Debra J.</b> Preventing violence in the lives of girls and women: A focus on relationships	\$250,000	\$65,100
9	<b>MacMillian, Harriet</b> Health impacts of violence across the lifespan. A multi-disciplinary approach	\$250,000	\$45,085
10	<b>Moretti, Marlene</b> Aggressive and violent girls: Contributing factors, developmental course and intervention strategies	\$232,191	\$63,675

No.	PRINCIPAL APPLICANT	GRANT TITLE
1	<b>Oberlander, Timothy</b>	Biobehavioral pain reactivity in infants at 6 months of age following prenatal psychotropic medication exposure
2	<b>Barnes, Marcia</b>	Neurocognition, literacy, and numeracy in pre-schoolers with spina bifida
3	<b>Van Vugt, Dean</b>	Neuropeptide and leptin receptor gene expression in the primate brain determine the effects of ovarian steroids and nutritional signals on appetite and menstrual cyclicality
4	<b>Wells, Peter</b>	DNA damage and repair in toxicology and disease
5	<b>Manjunath, Puttaswamy</b>	Biochemical characterization and physiological significance of proteins from the male reproductive tract
6	<b>Atkinson, Leslie</b>	Development of the HPA axis in infants: Environmental and genetic influences
7	<b>Blais, Lucie</b>	Risk of congenital malformations associated with use of asthma medications during pregnancy
8	<b>Pacaud, Daniele</b>	Assessment of consequences of maternal severe hypoglycemia during pregnancy in women with type 1 diabetes on offspring's neuropsychological functioning
9	<b>Winn, Louise</b> (New Investigator)	Oxidative stress and embryonic signalling pathways in benzene-initiated leukemias
<b>Total</b>		

**1 YR OPERATING GRANT – 8%****EQUIPMENT GRANT****TOTAL AWARD**

\$66,576

\$66,576

\$78,949

\$12,873

\$91,822

\$104,276

\$26,467

\$130,743

\$120,353

\$11,605

\$131,958

\$84,695

\$84,695

\$46,443

\$46,443

\$22,508

\$22,508

\$81,948

\$2,173

\$84,121

\$90,913

\$90,913

\$749,779

## PRE AND POST IMPLANTATION HEALTH CONSENSUS WORKSHOP

White Oaks Conference Centre, Niagara on the Lake, Ontario April 5, 6 and 7, 2002

### AGENDA

#### Friday, April 5/02:

Arrival/Check-in 07:30 pm – 09:00 pm	Reception/Dinner
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#### Saturday, April 6/02:

07:30 pm – 08:30 pm	Buffet Breakfast
<b>08:30 am – 05:00 pm</b>	<b>Consensus Workshop Meeting (Studio 10 Meeting Room)</b>
08:30 am – 08:40 am	Introductions (Bruce Murphy)
08:40 am – 09:00 am	IHDCYH Strategic Plan (Nicky McDermott)
09:00 am – 09:20 am	Objectives of the Workshop (John Challis)
09:20 am – 09:30 am	Discussion
09:30 am – 11:00 am	<b>Topic I (Environmental Determinants)</b> Primary Speaker: Bernard Robaire Secondary Speaker: Tye Arbuckle Facilitator: John Jarrell
10:30 am – 10:45 am	Break
11:00 am – 12:30 pm	<b>Topic II (Preimplantation Development)</b> Primary Speaker: Andy Watson Secondary Speaker: Derek Rancourt Facilitator: Tom Kennedy
12:30 pm – 01:30 pm	Buffet Lunch
01:30 pm – 03:00 pm	<b>Topic III (ART)</b> Primary Speaker: Raymond Lambert Secondary Speaker: Bob Casper Facilitator: Albert Yuzpe
03:00 pm – 04:30 pm	<b>Topic IV (Gametogenesis)</b> Primary Speaker: Barbara Vanderheyden Secondary Speaker: Jaquetta Trasler Facilitator: Ben Tsang

## APPENDIX F (cont'd)

### AGENDA (cont'd)

#### Saturday, April 6/02 (cont'd):

03:30 pm – 03:45 pm	Break
04:30 pm – 05:00 pm	General Discussion
07:45 pm – 09:30 pm	Dinner

#### Sunday, April 7/02:

07:30 am – 08:30 am	Buffet Breakfast
<b>08:30 am – 12:30 pm</b>	<b>Consensus Workshop Meeting Continued (Studio 10)</b>
08:30 am – 10:30 am	General Discussion/Setting the RFA/Making Decisions
10:00 am – 10:15 am	Break
10:30 am – 11:00 am	End of Discussion – General Adjournment
11:00 am – 12:00 pm	Writing Group Prepares Final RFA for Submission to CIHR
12:00 pm – 01:00 pm	Buffet Lunch

## ADVERSE FETAL GROWTH AND PRETERM BIRTH

Delta Chelsea Downtown Toronto Hotel, Toronto, Ontario May 24, 25 and 26, 2002

### AGENDA

#### Friday, May 24/02:

Arrival/Check-in  
07:30 pm – 09:00 pm      Reception/Dinner

#### Saturday, May 25/02:

07:30 am – 08:30 am      Continental Breakfast

**08:30 am – 05:00 pm      Consensus Workshop Meeting (Stevenson Meeting Room)**

08:30 am – 08:40 am      Introductions (Bryan Richardson and Sylvain Chemtob)  
08:40 am – 09:00 am      IHDCYH Strategic Plan (Nicky McDermott)  
09:00 am – 09:20 am      Objectives of the Workshop (John Challis)  
09:20 am – 09:30 am      Discussion

09:30 am – 11:00 am      **Topic I (Determinants/Mechanisms for Adverse Fetal Growth)**  
Primary Speaker: Phillippe Chessex  
Secondary Speaker: Robert Gagnon  
Facilitator: Dan Rurak

10:15 am – 10:30 am      Break (Stevenson Meeting Room)

11:00 am – 12:30 pm      **Topic II (Determinants/Mechanisms for Preterm Birth)**  
Primary Speaker: Stephen Lye  
Secondary Speaker: Peter Mitchell  
Facilitator: Catherine McCourt

12:30 pm – 01:30 pm      Buffet Lunch

01:30 pm – 03:00 pm      **Topic III (Short and Intermediate Term Adverse Outcomes and Impact on Family and Community)**  
Primary Speaker: Jaques Belik  
Secondary Speaker: Saroj Saigal  
Facilitator: Keith Tanswell

03:00 pm – 04:30 pm      **Topic IV (Early Origins of Childhood & Adult Disease)**  
Primary Speaker: David Olson  
Secondary Speaker: Sandra Davidge  
Facilitator: Harry Bard



APPENDIX G (cont'd)

AGENDA (cont'd)

Saturday, May 25/02 (cont'd):

- 03:30 pm – 03:45 pm Break
- 04:30 pm – 05:00 pm General Discussion
- 07:45 pm – 09:30 pm Dinner

Sunday, May 26/02:

- 07:30 am – 08:30 am Continental Breakfast
- 08:30 am – 12:00 pm** **Workshop Meeting Continued (Stevenson Meeting Room)**  
08:30 am – 10:30 am General Discussion/Setting the RFA/Making Decisions
- 10:15 am – 10:30 am Break
- 10:30 am – 11:00 am End of Discussion – General Adjournment
- 11:00 am – 12:00 pm Writing Group Prepares Final RFA for Submission to CIHR
- 12:00 pm – 01:00 pm Buffet Brunch

### WORKSHOP

International Research Conference on Children with Developmental Coordination Disorder

National Planning Meeting, Canadian Multicentre Paediatric Clinician-Scientist Training

Home Care Evaluation and Research Centre Workshop (HCERC)

Strategy for the Development of Rural and Remote Health Research

Developmental & Perinatal Physiology Karolinska Exchange

Canadian Epilepsy Consortium

6th Joint Mtg. Pediatric Endocrinology

8th International workshop on Developmental Genetics/Renal Physiology

Paediatric Emergency Research of Canada (PERC) New Initiatives

Atlantic Clinical Trials in Obstetrics and Gynaecology Network (ACTION)

A workshop for planning a training program in Neurodevelopmental Disabilities

Canadian Fertility and Andrology Society/Consortium in Reproduction & Development Workshop

BC Consortium for Youth Health

Child & Youth Home Care Forum

### APPLICANTS

**Cheryl Missiuna and Angela Mandich**  
- Conference Planning Committee

**Norm Rosenblum** - The Hospital for Sick Children

**Peter Coyte and Patricia McKeever**  
- Co-directors, HCERC

**Martha MacLeod** - The Rural Health Research Consortium

**Stephen G. Matthews and Stephen J. Lye**  
- University of Toronto

**Sharon Whiting** - Project Leader Canadian Paediatric Epilepsy Network (CPEN)

**Harvey Guyda and Guy Van Vilet** - Local Organizing Committee (LOC)

**Paul Goodyear-Director**, Paediatric Nephrology, McGill University Health Center

**David W. Johnson** - University of Calgary, Alberta Children's Hospital

**Donna Gilmour** - Obstetrics & Gynaecology, Dalhousie University

**James Reynolds**  
Queen's University

**Jacquetta Trasler** - President-Elect, Canadian Fertility and Andrology Society

**Roger S. Tonkin** - Chair, BC Consortium for Youth Health, The McCreary Center Society

**Gwen Burrows** - The Hospital for Sick Children Foundation

<b>DATE</b>	<b>LOCATION</b>	<b>\$ COMMITTED</b>
May 14-16, 01	Banff, AB	\$10,000
May 26-27, 01	Toronto	\$10,000
June 5-8, 01	Stockholm, Sweden	\$5,000
Workshop I: June 7-9, 01 Workshop II: Oct. 19-20, 01	I: Thunder Bay II: Saskatoon	\$4,000
June 10, 01	Toronto	\$10,000
June 10-16, 01	Halifax	\$10,000
July 6-9, 01	Montreal	\$10,000
Aug. 29-31, 01	Victoria, BC	\$7,000
Sept. 8, 01	Calgary, AB	\$10,000
a) Sept 17-19, 01 b) Oct 8-10, 01	a) Fredericton and Saint John, NB b) St. John's, NF	\$10,000
Sept. 24-25, 01	Kingston, ON	\$9,080
Oct. 3, 01	Whistler, BC	\$10,000
Oct. 4-5, 01	Vancouver, BC	\$3,500
Oct. 22-23, 01	Toronto- HSC	\$10,000

## WORKSHOP

Fatherhood Today in the African Diaspora Workshop

The 25th Annual Perinatal Investigators Meeting

2nd Canada-Japan Bilateral Workshop on Human

Complementary & Alternative Medicine (CAM) and Paediatrics Forum

Gender, Health & HIV/AIDS Int. Planning Mtg.

Adolescent Sexuality and Pregnancy Workshop

National Dialogue on Healthy Body Weights Conference (Obesity Canada)

New Frontiers program at ICRH for support for a workshop process for developing preeclampsia program

The Caffeine for Apnea of Prematurity (CAP) trial

Programming of Neuroendocrine Function

Canadian Autism Intervention Research Network (CAIRN) Workshop

Therapy for Hypotension in Preterm Infants

Multiple Pregnancy Research Workshop

Canadian Fetal Alcohol Syndrome Research Consortium

## APPLICANTS

**Wanda Thomas Bernard** - Maritime School of Social Work, Dalhousie University

**Jean-Paul Praud** - Depts of Pediatrics and Physiology, Organizer of meeting

**Ben Tsang** - Obstetrics and Gynaecology, Reproductive Biology

**Gwen Burrows** - The Hospital for Sick Children Foundation

**Carol Amaratunga** - Maritime Centre of Excellence for Women's Health

**Lori Curtis and Don Langille** - Community Health & Epidemiology, Dalhousie University

**Mary Bush** - Health Canada, **Diane Finegood** - INMD and **David Lau** - Obesity Canada

**Bill Fraser** - Chair, Department of OGBYN at University Laval

**Barbara Schmidt** - Paediatrics and Clinical Epidemiology & Biostatistics, McMaster University

**Stephen G. Matthews and John MacDonald** - Director, Fundamental Neuroscience Network

**Peter Szatmari** - McMaster University, Faculty of Health Sciences

**Keith Barrington** - Director of Neonatology, McGill University

**Alan Bocking** - Chair, Department of Obstetrics and Gynaecology University of Western Ontario

**Jocelynn Cook** - Pediatrics/Obstetrics, University of Saskatchewan

<b>DATE</b>	<b>LOCATION</b>	<b>\$ COMMITTED</b>
Oct. 26-28, 01	Halifax, NS	\$3,000
Nov. 8-10, 01	Kingston	\$2,000
Nov. 26-30, 01 University of Ottawa	Tokyo, Japan	\$10,000
Nov. 30- Dec. 1, 01	Toronto- HSC	\$10,000
Dec., 01	Halifax, NS	\$5,000
Dec., 01	Wolfville, Nova Scotia	\$10,000
Dec. 7-9, 01	Toronto	\$10,000
Dec. 16-17, 01	Montreal	\$10,000
Feb., 02	Hamilton	\$10,000
Jan. 16, 02	Toronto	\$8,000
Feb. 1-2, 02	Toronto	\$10,000
Feb. 15-16, 02	Montreal	\$5,000
Feb. 22-24, 02	University of Western Ontario, London	\$10,000
Mar. 16-18, 02	Saskatoon, SK	\$10,000

**WORKSHOP**

Development of Orbitofrontal Function: Behavioural and Neuroscientific Analyses, and Implications for Psychopathology

Information Distribution for the Reproductive Technologies

Down Syndrome Strategic Development Workshop

Canadian Tobacco Control Research Summit

Centre of Excellence Symposium

30th Annual Southern Ontario Reproductive Biology Workshop (S.O.R.B.)

Canadian Paediatric Clinical Pharmacology Network

Body-Based Aspects of Adolescent Health

Significance of Recreation in Early Adolescents

Child and Youth Health Network Workshop

Vision Health Research Workshop

13th World Congress International Society for Study of Hypertension in Pregnancy (ISSHP)

Canadian Association of Paediatric Health Centres (CAPHC) Evidence Based Workshop

Knowledge Transfer Research Workshop

35th Annual Meeting of the Society for the Study of Reproduction

NCE in Reproductive Health Proposal

**APPLICANTS**

**Philip D. Zelazo** - Canada Research Chair in Developmental Neuroscience, University of Toronto

**Tom Hannam** - Clinical Fellow, Department of Obstetrics and Gynecology, University of Toronto

**Daniel J. Weeks** - School of Kinesiology, Simon Fraser University

CIHR Cross-Cutting Initiative

**Alan Bowd and Jodi Carlson** - Centre of Excellence for Children & Adolescents with Special Needs, Lakehead University

**Derek Lobb** - McMaster University

**Michael J. Rieder** - Departments of Paediatrics, Pharmacology & Toxicology and Medicine, University of Western Ontario

**Baukje (Bo) Miedema** - Dalhousie University Family Medicine Teaching Unit

Laidlaw Foundation

**Ron Lindstrom** - Centre for Community Child Health Research

**Martin J. Steinbach** - President, Vision Health Research Council

**Knox Ritchie**, Dept Obstetrics and Gynecology, University of Toronto

**Elaine Orbine** - Chief Executive Officer, CAPHC

**Dawn Walker** - Executive Director, CICH and **Jean Lafrance** - University of Calgary

**Benjamin K. Tsang**

**Bill Fraser** - Department of Obstetrics and Gynecology, University de Montreal



DATE	LOCATION	\$ COMMITTED
Mar. 21-23, 02	Toronto	\$5,000
1) March 30, 02 2) April 30, 02 3) May 30, 02	1) Calgary 2) Toronto	\$5,000
April 1, 02	Burnaby, BC	\$10,000
April 19-21, 02	Ottawa	\$10,000
April 20, 02	Thunder Bay, Ontario	\$5,000
April 26, 02	Toronto	\$10,000
April 27-28, 02	Ottawa	\$19,900
May 10-11, 02	Fredericton, NB	\$2,070
May 29-30, 02	Toronto	\$10,000
June, 02	Toronto	\$10,000
June 2, 02	Toronto	\$5,000
June 2-5, 02	Toronto	\$10,000
June 12, 02	Toronto	\$10,000
June 6-8, 02	Calgary, AB	\$10,000
July 28-31, 02	Baltimore, Maryland	\$10,000
Aug., 02	Montreal	\$5,000

## APPENDIX I

## SERONO REPRODUCTIVE BIOLOGY INSTITUTE / CIHR MEETING

**Abigail Adams Room**, Quincy Marriott, Quincy, MA February 15, 16 and 17, 2002

## AGENDA

Friday, February 15/02:

12:00 – 01:00 pm	Lunch
Opening Session 01:00 – 01:15 pm	<b>Steve Arkinstall, D.Phil.</b> Vice President of Research, Head of SRBI Overview of SRBI & Serono
01:15 – 01:30 pm	<b>Stephen Palmer, Ph.D.</b> , Director Molecular Biosciences @ Serono Reproductive Biology Institute SRBI: Goals of the Meeting
01:30 – 02:00 pm	<b>Nicky McDermott</b> , Assistant Director CIHR – Institute of Human Development, Child & Youth Health University of Toronto CHIR: Goals of the Meeting
02:30 - 03:00 pm	<b>Dr. John Challis</b> , Scientific Director CIHR – Institute of Human Development, Child & Youth Health Fetal placental hypothalamic-pituitary-adrenal (HPA) axis, parturition & post-natal health, pre-term birth.
03:00 – 03:15 pm	Break
03:15 – 03:45 pm	<b>Dr. Steve Lye</b> , Acting Director Samuel Lunenfeld Research Institute FAK & trophoblast invasion; prostaglandins & pregnancy
03:45 – 04:15 pm	<b>Dr. Colin MacCalman</b> , Assoc. Professor, Research Division Obstetrics & Gynaecology University of British Columbia Model Systems to Examine the Cellular Mechanisms Underlying Human Implantation and Placentation
04:15 – 05:00 pm	Discussion – Clinical Opportunities, Models
06:00 – 08:30 pm	Dinner



## APPENDIX I (cont'd)

### AGENDA (cont'd)

Saturday, February 16/02:

08:00 – 09:00 pm	Breakfast
09:00 – 09:30 pm	<b>Dr. P. Jorge Chedrese</b> , Associate Professor, Dept. of Obstetrics, Gynaecology & Reproductive Sciences College of Medicine University of Saskatchewan Porcine Granulose Cells, Steroidogenesis, Gondotropin Action
09:30 – 10:00 pm	<b>Dr. M. Ram Sairam</b> , Director Molecular Reproduction Research Laboratory Clinical Research – Institute of Montreal FSH Receptor Signaling Events in the Ovary & Testis: Molecular & Genetic Approaches
10:00 – 10:15 pm	Break
10:15 – 10:45 pm	<b>Dr. Bruce Murphy</b> , Director Animal Reproduction Research Centre Faculty of Veterinary Medicine University of Montreal Cholesterol Dynamics & Ovarian Cell Differentiation
10:45 – 12:00 pm	Discussion: Clinical Opportunities, Models
12:00 – 01:00 pm	Lunch
01:00 – 01:20 pm	<b>Dr. Robert Casper</b> , Professor & Head Division of Reproductive Sciences University of Toronto Adverse Effects of Aryl Hydrocarbons on Reproductive Function
01:20 – 01:40	<b>Dr. Gerard Cooke</b> Research Scientist Health Canada-Toxicology Research Division Interaction of Chemicals with the Human Androgen Receptor In Vitro

## APPENDIX I (cont'd)

## AGENDA (cont'd)

Saturday, February 16/02 (cont'd):

01:40 – 02:00 pm	<b>Dr. Peter Leung</b> , Professor & Head Research Division Dept. of Obstetrics & Gynaecology University of British Columbia  Use of Human Ovarian Cells in the Study of Hormone Action
02:00 – 02:20 pm	<b>Dr. Nuch Tanphaichitr</b> , Senior Scientist Prof., Depts. Of Obstetrics & Gynaecology & Biochemistry, Microbiology & Immunology University of Ottawa Scientific Director of the Human in Vitro Fertilization Program Ottawa Hospital  Roles of Male Germ Cell Specific Sulfoglycolipid, Sulfogalactosylglycerolipid (SGG) & its Binding Protein, Arylsulfatase A (AS-A), on Mammalian Fertilization
02:20 – 02:40 pm	<b>Dr. Bernard Robaire</b> , Professor Dept. of Pharmacology & Therapeutics McGill University  Epididymal Cells: Structure, Functions & Gene Expression
02:40 – 03:00 pm	Break
03:00 – 03:20 pm	<b>Dr. Barbara Vanderhyden</b> , Professor Corinne Boyer Chair in Ovarian Cancer Research University of Ottawa  Cellular & Molecular Mechanisms Controlling Oocyte & Follicle Development
03:20 – 03:40 pm	<b>Dr. Jacquetta Trasler</b> , Professor McGill University  Targets for Male Contraception/Infertility Treatment: Lessons from Hormone-Sensitive Lipase-Deficient Mice
03:40 – 05:00 pm	Discussion – Clinical Opportunities, Models
06:00 – 08:30 pm	Dinner

Sunday, February 17

08:30 – 11:00 pm	Breakfast & Wrap up Discussions
11:30 pm	Departure



## APPENDIX J ENVIRONMENTAL INFLUENCES ON HEALTH NATIONAL FORUM STEERING COMMITTEE

FIRST NAME	LAST NAME	TITLE
John	Apsimon	Special Science Advisor to the Deputy Minister
Tye	Arbuckle	Senior Epidemiologist/Research Scientist
Jack	Bend	Professor, Pharmacology and Toxicology Associate Dean Research
Dave	Blakey	Assistant Bureau Director, Environmental Health Science
John	Challis	Scientific Director
Kate	Davies	Special Advisor, Environment/Health
Elizabeth	Dickson	Senior Advisor, Policy
Kimberly	Elmslie	Executive Director, Health Research Secretariat
John	Eyles	Professor & Director, McMaster Institute of Environment and Health
Diane	Finegood	Scientific Director
John	Frank	Scientific Director
Charles	Haines	Policy Analyst, Policy Development and Integration Chair
Trevor	Hancock	Director, Environmental Health
Don	Houston	Physician
Don	Johnston	Chief Scientist
Kevin	Keogh	Professor & Director, R. Samuel McLaughlin Centre Population Health Risk Assessment
Dan	Krewski	Assistant Director
Nicola	McDermott	Director of Health Impact Bureau, Safe Environment Program
Sue	Milburn-Hopwood	Chief Executive Officer
Elaine	Orrbine	International Liaison Coordinator
Alita	Perry	Scientific Director
Jeff	Reading	Scientific Director
Bhagirath	Singh	Scientific Director
Miriam	Stewart	Scientific Director
Dawn	Walker	Executive Director

## **ORGANIZATION**

Environment Canada  
Health Canada  
Faculty of Medicine & Dentistry, University  
of Western Ontario  
Health Canada

CIHR - Institute of Human Development,  
Child and Youth Health  
Canadian Institutes of Health Research  
Canadian Institutes of Health Research  
Health Canada  
McMaster University

CIHR - Institute of Nutrition, Metabolism and Diabetes  
CIHR - Institute of Population and Public Health  
Policy and Communications, Environment Canada  
Canadian Association of Physicians for the Environment  
Canadian Institute of Child Health  
Consulting in Occupational and Environmental Health  
Health Canada  
University of Ottawa

CIHR- Institute of Human Development, Child and Youth Health  
Health Canada

Canadian Association of Paediatric Health Centres  
Canadian Institutes of Health Research  
CIHR - Institute of Aboriginal Peoples' Health  
CIHR - Institute of Infection and Immunity  
CIHR - Institute of Gender and Health  
Canadian Institute of Child Health

## NATIONAL FORUM TO IDENTIFY RESEARCH PRIORITIES FOR THE ENVIRONMENTAL INFLUENCES ON HEALTH

Crowne Plaza Hotel, Ottawa September 12-14, 2002

### AGENDA

Thursday, September 12/02:

- 06:00 pm Opening Session: Reception
- 06:30 pm **Welcome and Keynote Speakers**  
**Alan Bernstein**, President, Canadian Institutes of Health Research  
**Ian Green**, Deputy Minister, Health Canada  
**Alan Nymark**, Deputy Minister, Environment Canada
- “Key Issues and Themes at the World Summit on Sustainable Development: Implications for Environmental Health Researchers”  
**Elizabeth Dowdeswell**, former Executive Director, United Nations Environment Program
- 07:30 pm Dinner
- 09:00 pm Close

Friday, September 13/02:

- 07:30 am Breakfast
- 08:30 am **Plenary Session 1: Identifying Key Issues** (Ballroom A)  
“Setting the Stage”  
**John Challis**, Scientific Director, Institute of Human Development, Child and Youth Health (Co-chair)  
**Elizabeth Dickson**, CIHR Senior Policy Advisor and Director of Knowledge Translation (Co-chair)
- 08:50 am “Identifying National Research Priorities for the Environmental Influences on Health: Context and Options”  
**Kate Davies**, Special Advisor, Health/Environment, CIHR
- 09:20 am “A Framework for Identifying Research Priorities: Key Populations, Hazards in the Environment, the Built Environment, and Cumulative Exposures and Effects” (Expert Panel)  
**John Eyles & Susan Elliot**, Director & Associate Director, Environment and Health Unit, McMaster University  
**Dan Krewski**, Director, Centre for Population Health Risk Assessment, University of Ottawa  
**Tee Guidotti**, Chair, Department of Environmental and Occupational Health, George Washington University Medical Center  
**Pierre Gosselin**, Director, WHO/PAHO Collaborating Centre on Environmental and Occupational Health, Université Laval

## APPENDIX K (cont'd)

### AGENDA (cont'd)

Friday, September 13/02 (cont'd):

10:50 am	Break
11:20 am	<b>Plenary Session 1 (cont'd)</b> Kevin Keough, Chief Scientist, Health Canada, and Elizabeth Dickson (Facilitators) Plenary Discussion with the Expert Panel Introduction to Breakout Session 1 and Identification of Key Populations
12:30 pm	Lunch Sign-up for Breakout Session 1
01:30 pm	<b>Breakout Session 1: Exploring the Issues</b> <ol style="list-style-type: none"><li>1 (a) For each key population, identify the issues/needs, if any, under each of the three research themes (b) For each issue/need, specify which should be acted on now (N) and which can be left to later (L) (c) For each issue/need, identify potential partners</li><li>2 Identify factors to ensure the success of a National Research Agenda on the Environmental Influences on Health</li></ol>
04:15 pm	Break
04:30 pm	<b>Plenary Session 2: Success Factors for a National Research Agenda</b> (Ballroom A) John Challis and John ApSimon, Science Advisor, Environment Canada (Facilitators) Discussion of the success factors identified in Breakout Session 1 (question #2 in Breakout Session 1)
05:30 pm	Free Time
06:30 pm	Dinner

## APPENDIX K (cont'd)

## AGENDA (cont'd)

Friday, September 13/02 (cont'd):

- 08:00 pm                    **Plenary Session 3: Launching the RFA Development Sub-group**  
 John Challis, Elizabeth Dickson and Kate Davies  
 Synthesis of findings from Break-out Session 1 (question #1)  
 The RFA-Development Sub-Group (RDSG)
- 09:00 pm                    Close

Saturday, September 14/02:

- 07:30 am                    Breakfast
- 08:00 am                    **Track 1: Break-out Session 2**  
 John Yves, Savoie Chair, Institute Advisory board, Institute of Population and Public Health  
 and John O'Neil, Chair, Institute Advisory Board, Institute for Aboriginal Peoples Health  
 (Facilitators)  
 Development of "eligible research questions" by the RDSG
- 08:30 am                    **Track 2: Plenary Session 4: Building Capacity for Research** (Ballroom A)  
 Elizabeth Dickson (Facilitator)  
  
 "Building Capacity for Research on Health, the Environment and Economy:  
 An International Perspective from the US National Institutes for Health"  
**Rachel Nugent**, Fogarty International Center, US National Institutes for Health  
 Introduction to Breakout Session 3  
 Sign-up for Breakout Session 3
- 09:00 am                    **Breakout Session 3: Strategies for Building Capacity**  
 With respect to each of the research themes, breakout groups will discuss building  
 capacity in three areas: human resources; infrastructure; and financial and other resources.
- (a) For each research theme, identify the capacity issues/needs, if any,  
 under each of the three areas of capacity
  - (b) For each issue/need, specify which should be acted on now (N)  
 and which can be left to later (L)
  - (c) Indicate strategies to make progress on each issue/need
  - (d) For each issue/need, identify potential partners



## APPENDIX K (cont'd)

### AGENDA (cont'd)

Saturday, September 14/02 (cont'd):

10:15 am	Break
10:45 am	Breakout Session 3 cont'd
12 noon	Lunch
01:00 pm	<b>Plenary Session 5: Workshop Results</b> John ApSimon and John Challis (Facilitators)  <ul style="list-style-type: none"><li>① Report from Track 1 on the proposed “eligible research questions” for the RFA</li><li>② Report from Track 2 on strategies for building capacity</li><li>③ Questions and discussion</li></ul>
02:30 pm	<b>Forum Synthesis and Concluding Remarks</b> John ApSimon and John Challis (Facilitators)  <b>Stuart Smith</b> , former Chair, National Roundtable on the Environment and the Economy and currently Chairman of Ensyn Technologies Inc.
04:30 pm	Close

## THE NEUROLOGICAL DEVELOPMENTAL SIGNIFICANCE OF RECREATION IN EARLY ADOLESCENTS WORKSHOP

**Hart House** , University of Toronto, 7 Hart House Circle, Toronto, Ontario May 29 and 30, 2002

### AGENDA

Sponsored by: Laidlaw Foundation & CIHR-Institutes of Human Development Child and Youth Health & Neuroscience, Mental Health & Addiction

Wednesday, May 29/02:

#### Workshop Opening and Public Lecture

05:30 – 06:30 pm

Welcome Reception

06:30 – 06:45 pm

Welcome and Introductions

**Walter Ross**, Chairman of the Board, Laidlaw Foundation

**Dr. John Challis**, Scientific Director, CIHR Institute of Human Development, Child and Youth Health

06:45 – 07:45 pm

Public Lecture (Music Room, Hart House)

“Adolescent Brains & Developmental Opportunities: The Role of Recreation Engagement”

**Dr. Ron Dahl**, Department of Psychiatry, University of Pittsburgh.

Thursday, May 30/02:

#### All-Day Workshop

08:30 – 09:00 am

Continental Breakfast

09:00 – 09:20 am

Welcome & Introductory Remarks

**Ms Barbara Hall**, Chair, Youth Recreation Committee, Laidlaw Foundation

**Dr. Remi Quirion**, Scientific Director, Institute of Neuroscience, Mental Health and Addiction

**Dr. Dan Offord** – Workshop Chair and Director Canadian Centre for Studies of Children at Risk, McMaster University

09:20 – 10:05 am

Guest Speaker (South Dining Room, Hart House)

“Adolescent Development: Neuroscience Prospective”

**Dr. Monique Ernst**, National Institutes of Health, NIMH/MAP

10:05 – 10:20 am

Discussant: **Dr. Ron Dahl**

10:20 – 10:30 am

General Discussion

10:30 – 10:45 am

Break

## APPENDIX L (cont'd)

### AGENDA (cont'd)

Thursday, May 30/02 (cont'd):

10:45 – 11:45 am	<p>Panel Presentations on Services &amp; Policies Chair: <b>Dr. Dan Keating</b>, Professor &amp; Chair, Department of Human Development and Applied Psychology; OISE, University of Toronto</p> <ul style="list-style-type: none"><li>• The Fragmented State and Status of Youth Recreation Service Delivery and Policies – <b>John Yudelman</b>, Team Leader, Recreation Policy Development, Sport and Recreation Branch, Ontario Ministry of Tourism, Culture and Recreation</li><li>• Improving the Delivery System of Recreation Services – Problems and Prospects – <b>Dr. Dan Offord</b>, Director, Centre for Studies of Children at Risk, McMaster University</li><li>• Breaking the Policy Impasse on Youth Recreation – <b>Dr. Judith Maxwell</b>, President, Canadian Policy Research Networks</li></ul>
11:45 – 12:15 pm	<p>Reaction and Re-cap <b>Dr. Dan Keating</b>, Chair, Department of Human Development and Applied Psychology, OISE, University of Toronto</p>
12:15 – 12:30 pm	<p>General Discussion</p>
12:30 – 01:30 pm	<p>Buffet Lunch</p>
01:30 - 02:15 pm	<p>Strategic Directions of the CIHR Institutes of Health Research</p> <ul style="list-style-type: none"><li>• <b>Dr. John Challis</b>, Institute of Human Development, Child and Youth Health</li><li>• <b>Dr. Remi Quirion</b>, Institute of Neuroscience, Mental Health and Addiction</li></ul>
02:15 – 02:30 pm	<p>Setting the Stage for Small Group Discussions <b>Dr. Dan Offord</b></p>
02:30 – 03:30 pm	<p>Small Group Discussions (Assigned Discussion Rooms)</p> <ul style="list-style-type: none"><li>• Child and Youth Health</li><li>• Population and Public Health</li><li>• Neuroscience</li><li>• Health Services and Policy</li></ul>
03:30 – 03:45 pm	<p>Break</p>
03:45 - 04:25 pm	<p>Report Back</p>
04:25 – 04:50 pm	<p>Next Steps</p>
04:50 – 05:00 pm	<p>Closing Remarks</p> <ul style="list-style-type: none"><li>• <b>Barbara Hall</b>, Laidlaw Foundation</li><li>• <b>Dan Offord</b>, Workshop Chair</li></ul>

## KNOWLEDGE TRANSLATION RESEARCH WORKSHOP

**Rozsa Centre**, University of Calgary June 6-8, 2002

### AGENDA

#### Thursday, June 6/02:

- |                  |   |
|------------------|---|
| 03:00 – 05:00 pm | Student Orientation,<br>(Professional Faculties Building 1297)<br>(Faculty: Tom Weiden, Karen Benzies, Dawn Walker, Nicky McDermott)  |
| 06:00 – 0700 pm  | Social, University Club   |
| 07:00 – 09:00 pm | Dinner, University Club<br><br>Welcome: <b>Dr. James Frideres</b> , University of Calgary<br>Presenters: <b>Dr. John Challis</b> , Scientific Director, the Institute of Human Development,<br>Child and Youth Health |

#### Friday, June 7/02:

- |                  |  |
|------------------|--|
| 08:30 – 09:00 am | Welcome and Introductions  |
| 09:00 – 09:45 am | CIHR KT Presentation – <b>Dr. Elizabeth Dickson</b> , Senior Policy Advisor, CIHR<br>(Based on Framework – discussing how, why, where it is going – commenting on opportunities,<br>challenges and gaps)   |
| 09:45 – 10:45 am | <b>Reaction Panel</b><br><b>Dr. Martin Pusic</b> , Evidence Transfer in Child Health Research Unit, Centre For Community<br>Child Health Research, BC<br><b>Dr. Réjean Landry</b> , Professor in the Department of Political Science, University of Laval<br><b>Dr. Claude Roy</b> , Department of Pediatrics, Hôpital Ste. Justine<br><b>Dr. Serge Carriere</b> , Scientific Director, Servier Canada |
| 10:45 – 11:00 am | Break  |
| 11:00 – 12:00 pm | Small Group Discussions <ul style="list-style-type: none"> <li>• What is your understanding of KT in the context of your work/discipline?</li> <li>• How important is KT in the context of your work?</li> <li>• What do you want to be able to learn in this workshop - to apply to your work?</li> </ul>   |
| 12:00 – 01:00 pm | Lunch  |
| 01:00 – 02:00 pm | Re-Cap ( <b>Ms. Dawn Walker</b> )  |
| 02:00 – 03:00 pm | <b>Panel: What is Working in KT and Why?</b><br><b>Dr. Ray DeV. Peters</b> , Professor in the Department of Psychology, Queen's University<br><b>Dr. Terry Klassen</b> , Chair of Pediatrics, University of Alberta<br><b>Dr. Linda Nosbush</b> , Understanding the Early Years, Prince Albert<br><b>Ms. Dawn Walker</b> , Executive Director, Canadian Institute of Child Health                      |

## APPENDIX M (cont'd)

### AGENDA (cont'd)

#### Friday, June 7/02 (cont'd):

03:00 – 04:00 pm	Small Group Discussions <ul style="list-style-type: none"><li>• What are the challenges in KT?</li><li>• What are the research gaps?</li><li>• What emerging opportunities are there for advancement of KT principles?</li></ul>
04:00 – 05:00 pm	Re-cap ( <b>Dr. Karen Benzies</b> )
05:00 pm	Adjournment

#### Saturday, June 8/02:

09:00 – 09:30 am	Motivational introduction to the day, focused on what happened yesterday and where we are going <b>Ms. Sonya Corkum</b> , Vice President, Knowledge Translation and Partnerships, CIHR
09:30 – 10:30 am	Small Group Discussions <ul style="list-style-type: none"><li>• Please identify 3 or 4 make-or-break action items for:<ul style="list-style-type: none"><li>(a) research into KT and</li><li>(b) promotion of KT in Canada (identify who, what, where and when)</li></ul></li></ul>
10:30 – 11:00 am	Re-cap ( <b>Dr. Ted Weiden</b> )
11:00 – 12:00 noon	Student Feedback
12:00 – 01:00 pm	Lunch (provided on site)
01:00 – 02:00 pm	Speaker Wrap Up <b>Dr. Jonathan Lomas</b> , Executive Director, Canadian Health Services Research Foundation
02:00 pm	Adjournment
02:00 – 03:00pm	Student debriefing. Rosza Centre







**John R.G. Challis**

PhD, DSc, FIBiol, FRCOG, FRSC

Scientific Director,  
CIHR, Institute of Human Development, Child and Youth Health

Tel: 416-946-7979

Fax: 416-946-7980

E-mail: [j.challis@utoronto.ca](mailto:j.challis@utoronto.ca)

**Nicola McDermott**

BA (Hons.) , MSc

Assistant Director,  
CIHR, Institute of Human Development, Child and Youth Health

Tel: 416-946-7977

Fax: 416-946-7980

E-mail: [n.mcdermott@utoronto.ca](mailto:n.mcdermott@utoronto.ca)

**CIHR, Institute of Human Development, Child and Youth Health**

University of Toronto  
Medical Sciences Building, Suite 3368  
1 King's College Circle  
Toronto, Ontario, Canada M5S 1A8

[www.cihr-irsc.gc.ca](http://www.cihr-irsc.gc.ca)



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