Winnipeg’s Children’s Hospital has been serving the children of Manitoba, northwestern Ontario and Nunavut since 1909. From its humble beginnings on Beaconsfield St. in Winnipeg’s Point Douglas neighbourhood to its current state-of-the-art facility, the Children’s Hospital has always been committed to excellent patient care and groundbreaking research.

The first Winnipeg Children’s Hospital opened on February 6, 1909 in a three-story house due to the efforts of Annie Bond and the Local Council of Women. The work that Bond spearheaded continues to be recognized throughout the present-day hospital. Her commitment to the improvement of pediatric medicine continues to this day, made possible by the many individuals who dedicate their time to help improve pediatric patient care and research at the Hospital.

The Winnipeg Children’s Hospital has grown along with the city. After only a few years the Hospital moved to a larger facility on Aberdeen Avenue in the city’s North End, where it remained for decades prior to it moving to its current facility at the Health Sciences Centre.

With the recent completion of the Critical Services Redevelopment Project (CSRP), the Hospital gained a new Emergency Services department, Pediatric Intensive Care Unit and surgical suites. The CSRP is one among many projects, which will see further improvements to patient care. As always, our staff, students, residents, and volunteers are committed to providing the best patient care and research in pediatric medicine.

Please join us in 2009 as we celebrate the achievements of the past 100 years and dedicate the next 100 years to further excellence and innovation in pediatric medicine!

For more information on the hospital’s centenary celebrations, visit the Children’s Hospital’s website at: http://www.wch.ca, the Children’s Hospital Foundation of Manitoba’s website at: http://www.goodbear.mb.ca, or the University of Manitoba’s Department of Pediatrics and Child Health’s website at: http://www.umanitoba.ca/medicine/units/pediatrics.
ANNUAL REPORT – 2006 & 2007

REPORT FROM THE DEPARTMENT HEAD ................................................................. i
OUR MISSION STATEMENT ................................................................................... iii

SECTION REPORTS

ALLERGY & CLINICAL IMMUNOLOGY ................................................................. 1
AMBULATORY CARE ............................................................................................ 2
BLOOD GROUP SEROLOGY ................................................................................. 3
CARDIOLOGY ........................................................................................................ 4
CHILD DEVELOPMENT CLINIC ...................................................................... 5
CHILD PROTECTION CENTRE ......................................................................... 6
COMMUNITY PEDIATRICS ............................................................................... 7
DERMATOLOGY ................................................................................................... 8
DIABETES & ENDOCRINOLOGY ....................................................................... 9
GASTROENTEROLOGY ....................................................................................... 10
GENETICS & METABOLISM ........................................................................... 11
HAEMATOLOGY/ONCOLOGY/BMT ................................................................... 12
INFECTIOUS DISEASES .................................................................................. 13
NEONATOLOGY .................................................................................................. 14
NEPHROLOGY ..................................................................................................... 15
NEUROLOGY ....................................................................................................... 16
PEDIATRIC EMERGENCY .................................................................................. 17
PEDIATRIC INTENSIVE CARE UNIT (PICU) .................................................... 18
RESPIROLOGY .................................................................................................... 19
RHEUMATOLOGY & IMMUNOLOGY .................................................................. 20
St. BONIFACE HOSPITAL – PEDIATRICS/NEONATOLOGY ......................... 21
PEDIATRIC UNDERGRADUATE MEDICAL EDUCATION (UGME) ............. 22
PEDIATRIC POSTGRADUATE MEDICAL EDUCATION (PGME) ............... 23
FACULTY DEVELOPMENT ............................................................................... 24
CHILD HEALTH QUALITY TEAM ................................................................. 25

WITH THANKS TO ............................................................................................. 26
MEMBERS OF THE DEPARTMENT OF PEDIATRICS & CHILD HEALTH ....... 27
The 2006 and 2007 activities of the Department of Pediatrics and Child Health are closely linked and associated with those of the Child Health Program, Winnipeg Regional Health Authority (WRHA). Working together they have continued to reflect our three pillars of excellence: clinical care, teaching, and research. The past two years saw recruitment activities in diverse areas in the Department, and the continuation of the development of a provincial child health strategy. We are providing an exciting academic environment to ensure that the highest quality care is provided to the children and youth of Manitoba, Northwestern Ontario, and western Nunavut; care that is innovative, state-of-the-art, comprehensive, evidence-based, family-centered, and collaborative.

This is the first time our Department’s Annual Report is being comprised of two distinct components, one of which summarises the achievements of all Department members and programs by extracting the necessary data from STAR, a web-based administrative tool the Department utilizes to track the contributions of its academic physicians, amongst other things. The task has proven to be daunting, but we are overcoming these challenges and I would like to thank everyone for their input and patience in this endeavour.

This report has been broken down into two parts. Part One, the Summary component, encapsulates the activities of our Medical and Subspecialty Sections, Undergraduate and Postgraduate Medical Education Programs, Faculty Development initiatives, and the Child Health Quality Team. Included at the end of this Report is a listing of all of our Department members. Part One does not in any way, nor is it intended to, capture all the contributions, individually and collectively, of the members of the Department of Pediatrics and Child Health and the Child Health Program. This report is meant to highlight the great achievements and cooperation of everyone towards the common goal of excelling in caring for newborns, infants, children and adolescents, through excellence in education and first class research. Part Two – the Supplement to the Annual Report – which provides a detailed account of the Department’s research and teaching achievements, can be found attached to this Annual Report. The Annual Report also contains selected highlights that have occurred in 2008.

Cheryl Rockman-Greenberg
MD, CM, FRCPC, FCCMG
Professor & Head, Department of Pediatrics and Child Health, University of Manitoba
Medical Director, Child Health Program, Winnipeg Regional Health Authority
Looking forward, I invite all members of the Department and the Child Health Program, past and present, to join in the upcoming Children’s Hospital Centenary celebration in 2009!

I would like to express my sincere gratitude to Dr. J. Dean Sandham, Dean, Faculty of Medicine, University of Manitoba for his commitment to academic excellence; to Dr. Brian Postl, CEO, WRHA; and Dr. Brock Wright, VP and CMO, WRHA, for their unwavering support to the Child Health Program, and to Health Sciences Centre Senior Management led by Dr. Perry Gray, Ms. Helga Bryant, and Mr. Dana Erickson, for their guidance and assistance. The Department is also closely aligned with and is indebted to Pediatric General Surgery, Pediatric subspecialty surgery areas (ENT, Ophthalmology, Urology, Orthopedics, Neurosurgery, Craniofacial and Plastics), Pediatric Anesthesiology and Pediatric Dentistry.

I would like to especially acknowledge significant roles of all full and part-time members with primary academic appointments in our Department, as well as those individuals who hold cross appointments. Without exception they all play noteworthy roles in the Department. This may only be apparent when you have the privilege like I have to step back and see the Department in its entirety. From this perspective I witness the steady commitment and contributions all Department members make through supporting and promoting our academic mission with teaching, through basic and clinical research and ultimately through the superb seamless care provided to the most precious members of our society - our children.

Sincerely,

Cheryl Rockman-Greenberg, MD, CM, FRCPC, FCCMG
Professor and Head, Dept. of Pediatrics and Child Health
University of Manitoba
Medical Director, Child Health Program
Winnipeg Regional Health Authority
OUR MISSION STATEMENT

Department of Pediatrics and Child Health
Faculty of Medicine - University of Manitoba

MISSION

“To create, preserve and communicate knowledge, and thereby, contribute to the cultural, social and economic well being of the people of Manitoba, Canada and the world by providing high quality medical education and by participating in first class research”

VISION

- To provide high quality medical education to future physicians and current physician/trainees while participating in the education of other health care providers.
- To contribute to the advancement of medical education by supporting physicians, trainees and stakeholders in research advancement.
- To provide the most up to date, evidence-based education, that leads to clinical competency from routine pediatric health care.
- To care for the medically complex and high-risk patients, including all medical sub-specialties across the continuum of care.
- To train physicians to have a passionate desire and ability to provide excellence in clinical care.
- To contribute to the advancement of the science of medical care through research and academic enquiry.
- To provide high quality, comprehensive, family-centered health care for children in Winnipeg, Manitoba, Northwestern Ontario and Nunavut.
OUR MISSION STATEMENT

Child Health Program
Winnipeg Regional Health Authority

MISSION

“Working together for healthier children by providing high-quality, comprehensive, family-centered health care”

VISION

To ensure that all children reach their full potential by:

- Continually improving the services we provide
- Advocating for children
- Being leaders in research and learning
- Providing care that is high quality, evidence-based and accountable
- Valuing our staff and fostering an environment of teamwork, professional growth, and mutual respect

VALUES

- Continuous Improvement
- Safety
- Mutual Trust and Respect
- Timeliness
- Family Centered Care
- Cultural Sensitivity
- Communication
- Client Satisfaction
- Vision
- Innovation
- Learning
- Advancement of knowledge
- Leadership
- Accountability
- Teamwork
- Partnership
The Section of Allergy and Clinical Immunology continues to be recognized locally, nationally and internationally for its excellence in clinical care, education, and research.

- The epidemic of allergic diseases, including food allergy and asthma, creates a major strain on the Section’s resources and the waiting list for new non-urgent consultations is approximately one year. To help deal with this unacceptable wait time monthly community clinics have begun (along with a Transition Clinic) to prepare our patients with chronic allergic diseases and/or asthma, to have more effective self-management as adults. The Section has also established a “High Risk” Asthma Team for patients with severe asthma.

- Our Certified Asthma Educators in the Children’s Asthma Education Centre (CAEC) see children suspected of having asthma that have been admitted to hospital or referred to the CAEC by the Emergency department, Pediatricians and Family Physicians.

- We continue our interactive Family Asthma Program classes and have begun to work with primary care physicians in a Family Practice community-based asthma education project.

- Our Provincial Outreach Program coordinator works with the Regional Health Authorities and continues to expand our support for provincial asthma education.

- We have been fortunate enough to attract support of a private donor (the Thompson family) working with the Children’s Hospital Foundation and Manitoba Health to orchestrate redevelopment of the Children’s Asthma Education Facilities into a revamped Centre for Allergy and Asthma. This will allow for greater efficiencies in management and education for patients and families with asthma and other allergic diseases.

- Members of the Section have received national and international awards in recognition of their important contributions.
The Section of Pediatric Ambulatory Care provides medical care to an outpatient and inpatient group of pediatric patients, many of whom have complex problems. Through their affiliation with the J. A. Hildes Northern Medical Unit, and the Department of Community Health Sciences, Section members provide ongoing consultation services for communities in northern Manitoba, Nunavut and northwestern Ontario.

- The Section of Pediatric Ambulatory Care provides medical care, particularly to Winnipeg’s inner city, through the general Children’s (Outpatient) Clinic. It also provides Northern Referral Clinics at the outpatient clinic for children from northern Manitoba and Nunavut. These communities are also served by direct liaisons with the consultant pediatricians who regularly visit these communities.

- Numerous medical sub-specialty clinics are also offered by the Section, such as: Neonatal, Encopresis/Enuresis, Adolescent and Eating Disorder clinics.

- Dr. M. Lane acts as an ongoing liaison with the Adolescent Psychiatry Team, and is also the specialist for the Adolescent Eating Disorders Program.

- The Section of Pediatric Ambulatory Care is actively involved in the education of residents, medical students and International medical graduates.

- Residents rotate through both General Pediatric Medicine and Adolescent Medicine, and accompany Section members on their northern consultation trips. Trainees also attend the more focused clinical programs.

- Within the Section of Ambulatory Care, the sub-section of Sports & Dance Medicine cares for children who have sustained musculoskeletal injuries in the course of play; this sub-section consists of Drs. Zetaruk and Hyman.
The Section of Blood Group Serology (Rh Laboratory) continues to function as a local, national and international reference centre for the resolution of blood group incompatibility problems.

- During the past two years we have been busy with a number of different research projects. As with any research lab, of the various projects in which we are involved, some have been completed, some are nearing completion, some continue to be ongoing and finally some are just starting.

- Two projects have been completed during this time, namely a collaborative study on the role of immunoglobulin G and its receptor (FcRIIA) polymorphisms in bacterial-induced platelet aggregation, and a study detailing the molecular basis of the low-incidence Rh antigen, LOCR that was originally brought to our attention because it caused hemolytic disease of the newborn. We are particularly proud of this second study, as it signals the complete characterization of this unique antigen, from its original description, to its blood group system assignment, and ending with its molecular basis.

- In addition, two other studies (one dealing with a family segregating for an Rh modifying gene, the other detailing the biochemical and molecular basis of succinylcholine sensitivity in Hutterite kindred) have been completed and the data are being collated for consideration of publication in *Vox Sanguinis* and *Molecular Genetics and Metabolism* respectively.

- Finally, as experienced gene mapping specialists and linkage analysts we have been actively involved in The Centre for the Investigation of Genetic Disease (a group of clinical and basic science researchers who are collaborating on specific projects in an attempt to reduce morbidity and mortality in children with genetic diseases).

- During the last two years, our Centre has continued investigations on Chudley-McCullough Syndrome, Noonan Syndrome and CPT1 Deficiency.
The Section of Pediatric Cardiology has experienced significant growth and development in 2006 and 2007 as it continues to be the sole provider of cardiac services for the children of Manitoba, northwestern Ontario, parts of Nunavut and Saskatchewan. The Section collaborates closely with pediatric cardiac surgical centers in Edmonton, Montreal, Vancouver and Toronto, while continuing to maintain a strong presence within the Western Canadian Children’s Heart Network.

- On the clinical front, the Variety Children’s Heart Centre (VCHC) continues to expand its outpatient services, serving nearly 4000 children per year in its outpatient clinic, which essentially eliminates any waiting list for children that require cardiac assessment.

- The Section continues to provide busy inpatient consultation services at Children’s Hospital and St. Boniface Hospital to >800 children each year.

- The cardiac catheterization program continues to expand with the introduction of new and innovative procedures, which has reduced the number of families that had to travel out of province for such interventions. The highlight of this growth was the world’s first implantation of both the Cardia device and Biostar bioabsorbable device for transcatheter Fontan fenestration closure in children.

- The fetal cardiology program continues to expand to over 100 assessments per year. Close collaboration with the Sections of Neonatology and Perinatology allowed further development of a cohesive multidisciplinary fetal cardiology program. The majority of these babies could be successfully delivered in Manitoba with postnatal out of province transfer for corrective cardiac surgery.

- The pediatric cardiac transplant program experienced significant growth with the majority of post transplant management now delivered here. 2006 and 2007 also saw further development of the rescue ECMO program.

- The Section continues to maintain a strong commitment to teaching at all levels of the undergraduate and postgraduate medical curriculum.

- Research collaborations were developed with the Sections of Neonatology, Pediatric Nephrology, Pediatric Endocrinology, Adult Cardiology, Diagnostic Imaging, Obstetrics, Genetics & Metabolics and Biomedical Engineering.

- Welcome to Drs. Ilan Buffo Sequeira & Dion Pepelassis, who joined our Section in 2008.
The Child Development Clinic continues to provide multidisciplinary diagnostic and early intervention services for infants and children with developmental problems. Partnerships are widely present in Winnipeg and throughout Manitoba in efforts to facilitate efficient, timely, evidence-based diagnosis, and treatment for children. Multiple clinics offer a particular focus for specific problems facing children and their families.

- The Section remains actively involved in the follow-up of infants born with increased risk by virtue of perinatal or prenatal events or conditions. This includes assessing the outcomes of children who undergo complex life saving cardiac surgeries early in life.

- Early intervention services are offered to newly diagnosed children and their families through the, “Let’s Get Started” initiative involving early childhood educators, occupational therapists, social workers, parent grief supporters, and speech pathologists. Information sessions from key therapeutic service providers are offered regularly in the Clinic.

- There is participation in clinics at the Rehabilitation Centre for Children that offers an outreach program in both homes and daycares to consult and assist families and daycare facilities to understand children with behavioural challenges and to respond optimally.

- Outreach diagnostic visits occur at regular intervals to communities throughout rural Manitoba to allow children to receive diagnosis closer to home when possible.

- The Clinic has continued with its Building Blocks of Attachment program, where bonding between vulnerable young children and their parents is encouraged and strengthened.

- The Clinic for Alcohol and Drug Exposed Children (CADEC) has continued with TeleHealth assessments, training initiatives, regular clinics, and participation in the Manitoba Youth Justice Program, which has recently been recognized by the Provincial Government.

- In addition to the comprehensive care offered, the Program has developed and launched an interactive tool for assisting youth and their helpers to understand the effects of FASD, and effective strategies for managing day to day (“This is Me”).

- The Newborn Follow-Up Program still engages in international multi-centre trials addressing the long-term outcomes in children with a very low birth weight and having required various antenatal and neonatal interventions.
The Child Protection Centre (CPC) continues to provide excellent medical and psychosocial care, consultation, assessment, and early intervention. It serves as a model for advocacy for infants and children, and recently celebrated its 25th anniversary.

- The population served includes inpatients and outpatients from Manitoba, northwestern Ontario, and the Far North, with total client contacts averaging approximately 1,500 per year.

- The CPC has maintained its relationship with Child and Family Service agencies and Police Services in the investigation of cases with suspected child abuse and/or neglect.

- Participation in external committees is also part of the CPC’s mandate, including the various Child and Family Services Abuse Committees, the Provincial Advisory Committee on Child Abuse, and the Children’s Inquest Review Committee.

- Multidisciplinary services are also provided in the form of:
  - The Child Protection Development Clinic;
  - Parenting capacity assessments and recommendations;
  - Psychological assessments of abused children;
  - Psychometric assessments of parents’ intellectual functioning and/or mental health diagnosis;
  - Child behaviour observation and advice to agencies, day care centres and foster homes; and;
  - Post-disclosure play sessions and personal safety teaching.
The Section of Community Pediatrics continues to be busy, meeting the challenges of providing comprehensive pediatric medical care in the community and in hospital. As well, the Section meets its obligations to the Department and the University of Manitoba by providing teaching to medical students and residents.

- Community pediatricians are committed to provide pediatric residents with valuable experience in their offices. Residents are given the opportunity to work along side pediatricians and act as consultants, as well as accompany pediatricians on northern consultation trips.

- Section members are part of numerous committees in the Department and provide valuable input and involvement in improving the quality of care to children.

- Many community pediatricians are involved in multiple capacities at the national level, both in the Canadian Pediatric Society and the Royal College of Physicians and Surgeons of Canada.
DEPARTMENT OF PEDIATRICS & CHILD HEALTH

DERMATOLOGY

Medical & Scientific Staff:
Jill Keddy-Grant, (Section Head) Rochelle Van De Velde
Phillipa E. Kellen

The Section of Pediatric Dermatology provides a comprehensive consultation service and follow-up for children with skin diseases in the Children’s Clinic. Patients are seen in the clinic in a timely manner, where wait times are considerably less than at dermatologists’ private offices.

- The TeleHealth link continues to be used to provide services to remote communities of Manitoba and Nunavut.
- Recently, members of the Section have been involved in clinical research focusing on psoriasis, atopic eczema and acne.
- The Section of Pediatric Dermatology excels as an ongoing teaching section. Medical students, family practice residents and pediatric residents attend clinics held by the Section regularly.
- Staff changes in 2006 – 2007 consist of Dr. E. Murray’s retirement and Dr. Rochelle Van De Velde joining the Section of Pediatric Dermatology in 2006.
- Thanks to our Clinic Nurse Sheila Kroeker for all of her help and dedication.
The Section of Diabetes and Endocrinology provides clinical services to pediatric patients with diabetes, pre-diabetes and endocrine disorders. Such ailments that affect growth, reproductive development, adrenal or thyroid gland functions, and disorders of lipid metabolism and bone health are seen by the endocrinology service. The Section members also participate in teaching activities involving both undergraduate and postgraduate students in medicine, nursing, nutrition, clinical dietetics, psychology, dental hygiene and social work. All Section members pursue research activities related to endocrine and diabetes.

- The program provides clinical services to an increasing number of patients in Manitoba as well as eastern Saskatchewan, northwestern Ontario and Nunavut. Section members provide consultation services on an inpatient basis at Children's Hospital and on an outpatient basis from their offices in the Community Services Building. Diabetes patients are also seen on clinical outreach trips in Manitoba and northwestern Ontario.

- The number of new referrals with Type 1 and Type 2 diabetes is escalating yearly. In 2007, the caseload of children with diabetes was the highest since the opening of the Diabetes Education Centre for Children and Adolescents (DER-CA) in 1986. The number of newly diagnosed children seen with either Type 1 or Type 2 diabetes was also the highest yet recorded. The DER-CA has developed the internationally acclaimed Maestro Project for young adults with diabetes.

- As the complexity of diabetes management continues to increase, the DER-CA demonstrates its exceptional service and ability to perform as an integrated, interprofessional team.

- Most recently the Section has taken the lead in the Department and the Faculty in developing models for Interprofessional Education.

- The Section continues to participate in the provincial Newborn Screening Program for congenital hypothyroidism and congenital adrenal hyperplasia.

- Research and academic activities focusing on obesity and the metabolic syndrome have further expanded through collaboration with Dr. Jon McGavock, research scientist at the Manitoba Institute of Child Health.
The Section of Gastroenterology continues to assess and treat children and adolescents with a wide variety of gastrointestinal, liver, and nutritional problems.

- Diagnostic procedures such as endoscopy, liver biopsy, esophageal pH and intestinal motility studies are performed. Some therapeutic interventions, such as polypectomies and variceal banding, are also done.

- Members of the Section actively participate in clinical and didactic teaching in General Pediatrics and Pediatric Gastroenterology. Medical students and Residents rotate through the Section on an elective basis.

- A review of 30 years of experience with children and adolescents with inflammatory bowel disease (IBD) seen at the Children’s Hospital has recently been completed.

- The Section also participated in a Canadian multi-centered study on children with biliary atresia. Additional research in this area is in progress.

- Protocols for the study of children with non-alcoholic fatty liver disease and celiac disease are presently being prepared.
The Program of Genetics and Metabolism provides leadership in delivering comprehensive, accessible genetic, metabolic, and related care for Manitoba, northwestern Ontario and Nunavut, serving both children and adults of all ages.

- Assessment, diagnosis, management and counseling of children with birth defects, developmental disabilities, inherited metabolic diseases and with known or suspected genetic or inherited disorders is ongoing.
- A strong belief in continuing quality improvement and providing an ethical approach to patient care, education and research is always present.
- The Program is responsible for the province-wide prenatal genetic diagnostic service and Maternal Serum Screening Program, which involves the assessment and counseling of adult patients and couples.
- The program plans to extend clinical assessments with the use of TeleHealth to enhance its responsiveness to service provision in rural areas.
- Recent developments have led to the scope of clinical services being expanded into several areas of adult medicine. This includes the augmented utility of molecular testing to determine carrier status of individuals in high-risk populations or in families at risk for genetic and genetic metabolic disorders.
- The program provides medical genetics consultation to multidisciplinary teams, including CADEC, the Hereditary Breast and Ovarian Cancer Clinic, the Neuromuscular Clinic, the Craniofacial Clinic, the Cleft Palate Clinic and others that may be developed.
- A number of important services are provided, including General Medical Genetics (Adult and Children) Services, Prenatal Genetic Screening and Diagnosis Service, Metabolic Service and Cancer Genetics Service.
- The Program continues to reevaluate to ensure the highest quality of care, while providing exemplary clinical service to all patients and Programs of the Winnipeg Regional Health Authority. The Program is committed to maintaining national and international standards of care and providing genetic education for other health care professionals and the public.
The Section of Pediatric Hematology/Oncology/BMT provides broad-based inpatient and outpatient clinical service to pediatric patients with cancer and blood disorders. The Section continues to care for children with bone marrow failure syndromes, immunodeficiency, hemoglobinopathies and haemostasis and thrombosis abnormalities.

► The Section provides services to children from urban and rural Manitoba, as well as portions of eastern Saskatchewan, northwestern Ontario and Nunavut.

► Approximately 50 new childhood cancer patients are seen each year.

► Within the Section, a number of specialized programs address the needs of this unique segment of the population. These include: the Pediatric Bone Marrow Transplant Program and a comprehensive Bleeding Disorder Program that provides multidisciplinary care for children with hemophilia and other inherited bleeding disorders.

► The Section is involved in the education of residents in Hematology, Pediatrics, Pathology, and Radiation Oncology and of medical students from the University of Manitoba and abroad. Members of the Section provide clinical and didactic teaching to all levels of medical trainees as well as undergraduate and postgraduate research training opportunities.

► Research activities include active participation in multi-centre national and international clinical trials and registries, including the Children’s Oncology Group.

► Other areas of clinical research, interest and expertise include the development of quality-of-life instruments, neonatal thrombosis, cancer epidemiology, and the genetics of immunodeficiency and basic science research is at the cutting edge of molecular medicine.

► In 2008 we welcomed two new pediatric hematologists/oncologists - Dr. Geoff Cuvelier and Dr. Donna Wall.
The Section of Pediatric Infectious Diseases has continued to evolve with the welcome recruitment of Dr. Crockett and with a fully accredited Pediatric ID Fellowship program.

- The Section continues to collaborate with the International Research Group at the University of Nairobi in the study of factors affecting transmission of HIV from infected mothers to their infants and the course of pediatric AIDS in Africa. During the past two years, the PEPFAR program of the United States government has allowed the research in the clinic to expand to include the appropriate administration of any retroviral agent to children and families in Africa.

- The Section has completed a project related to the clinical presentation, etiology and management of infectious causes of encephalopathy and encephalitis among children presenting at the Children’s Hospital.

- The Section has also participated in a number of industry sponsored vaccine trials with the Clinical Research Unit at the Manitoba Institute of Child Health.

- In June 2006, Dr. Embree became the Vice President of the Canadian Pediatric Society, served as President-elect from June 2007 and was installed as president of the Society in June 2008. She has continued her role as the Associate Editor-in-Chief of the Canadian Journal of Infectious Diseases and Medical Microbiology.

The Neonatal-Perinatal Medicine Fellowship Training Program provides a focus for the Sections’ many academic educational activities. The diversity of this program is second to none in Canada. The Section has been host to the Western Canadian Neonatal OSCE annually since 2006, with the 2008 OSCE being the inaugural event of the Clinical Simulation and Learning Facility (CLSF).

Significant contributions are continuously being made to the understanding and treatment of persistent pulmonary hypertension of the newborn, and the understanding of the control of breathing in newborn infants continues to be made from the neonatal sleep laboratory.

The Manitoba Respiratory Syncytial Virus (RSV) Prevention Program, led by a member of the Section of Neonatology, is considered a model for the rest of Canada.

In September 2006, the Section hosted the first annual John M. Bowman Neonatal Symposium, in honour of the late Dr. Bowman, a founding member of the Section who pioneered the prevention and treatment of Rhalloimmunization.

The neonatal service is an active member of the Canadian Neonatal Network. Section members have led or been involved in many local and nationally funded quality initiatives (CIHR, CHSRF, CPSI, CMPA). Multidisciplinary learning and health systems research opportunities in this area are abundant.

Optimization of health outcomes for the Manitobans of tomorrow requires ongoing excellence, innovation, team-based learning and continuous improvement in maternal and newborn care.
The Section of Nephrology improves the quality of life for children with all forms of kidney disease in Manitoba and surrounding regions. This is accomplished by the seamless integration of high-quality research, education and excellence in clinical care.

- The Section coordinates services to provide care under three sub-programs: Pediatric Renal Transplantation, Pediatric Dialysis and General Consultative Pediatric Nephrology, including regional outreach.

- Faculty members from the Section continue to participate actively in all levels of medical education at the University of Manitoba, including undergraduate medical education and preceptorship programs in Nephrology and Pediatrics, pediatric and nephrology postgraduate training programs, nursing and pediatric faculty development.

- Other clinical program achievements for 2007 include a complete update of quality benchmarking data for end-stage kidney disease care (CORR and NAPRTCS registries), innovations in the use of continuous renal replacement therapy and the development of transition resources for children and families.

- The Section also continues to provide leadership on Children’s Hospital program initiatives, such as the Medication Reconciliation Project, and the new diagnostic imaging order entry and decision-support system.

- The Section works actively with Manitoba Health and the Northern Medical Unit to screen, identify and treat at-risk children in the Island Lake region, where the prevalence of renal disease may exceed 30% of the population.

- The Kidney Camp, held each summer at Camp Stephens, celebrated its 10th year of supporting children with kidney disease.

- With the departure of Dr. Malcolm Ogbon, the Regional Outreach Program has been suspended until a replacement is found.

- In 2007 a formal administrative structure was successfully created: the Manitoba Pediatric and Adolescent Dialysis service has already achieved improved oversight and clinical care.
The Section of Pediatric Neurology continues to treat children with a wide variety of neurological abnormalities, including seizure disorders (epilepsies), strokes, tumors, headaches, nerve and muscle disorders, metabolic and degenerative diseases, infectious diseases, developmental malformations and developmental delay.

- The Section provides both inpatient and outpatient service to children in Manitoba, Nunavut and parts of Ontario and Saskatchewan.

- Section members continue to conduct clinical research in the following areas: seizure disorders, neuro-ophthalmology, cerebellar disease, childhood stroke, and sleep disorders.

- The Section members teach medical students, and both pediatric and adult neurology residents at the bedside and in more formal teaching sessions.

- The pediatric neurology nurse clinicians educate patients, their parents and school personnel, as well as other staff members about seizure disorders.
**Medical & Scientific Staff:**
Milton Tenenbein, (Section Head) Lynne Warda
Adriana Condello* in 2008 Marilyn Raizen
Amin Kabani Matthew Lazar
Bryan Magwood Murray Kesselman
Darcy Beer* in 2008 Norm Silver
Elisabete Doyle Scott Sawyer
Fiona Fleming Shelagh Mackenzie
Gerald Brennan Sue Webb
Grant Yung Tracy Ridley
Jennifer Teskey

With approximately 40,000 visits annually, the Section of Pediatric Emergency continues to provide primary, secondary, and tertiary medical care for the children of Manitoba, Northern Ontario and Nunavut.

- The most significant development in the past year was the opening of the new Emergency Department at Children’s Hospital – part of the Critical Services Redevelopment Project.
- Members of the Section are instructors in Advanced Pediatric Life Support (APLS) courses for physicians in Winnipeg and Manitoba to improve their skills in the management of critically ill and injured children.
- Both the city’s and the province’s ambulance medical advisory committees have representatives from Pediatric Emergency Medicine physicians to ensure that medical needs of children in the pre-hospital arena are not overlooked.
- Research activities include: studies conducted primarily by the attending physicians, studies in cooperation with other Children’s Hospital Physicians and multi-centered studies in cooperation with children’s hospital emergency units in other cities in Canada and the USA. Particular areas of research expertise include Injury Prevention and Clinical Toxicology.
- Considerable medical education is provided to several different learners including medical students, Pediatric residents, Emergency Medicine residents, Family Practice residents, and Pediatric Emergency Residents.
- The Manitoba Poison Control Centre is located within the Emergency Department and is staffed by the attending physicians. These individuals manage queries from the public and medical professionals regarding poisonings.
- In 2008 we welcomed Drs. Darcy Beer and Adriana Condello.
PEDIATRIC INTENSIVE CARE UNIT (PICU)

Medical & Scientific Staff:
Murray Kesselman, (Section Head) Bryan Magwood
Tanya Drews Samir Shah
Betty Jean Hancock Stasa Veroukis * in 2008

The Pediatric Intensive Care Unit provides support to children age 6 weeks to 16 years and brings a broad knowledge of pediatrics and specialized skills in pediatric critical care to this diverse group of children.

► This Section provides:
  • Trauma care;
  • Post-operative care;
  • Advanced support for complex problems involving the heart, lungs, kidney or brain, long-term ventilation
  • Airway support for children with chronic respiratory or neuromuscular disorders;
  • Specialized monitoring that cannot be provided on the regular ward;
  • A Procedural Sedation Team to support procedures in the Pediatric Day Unit
  • Pediatric Diagnostic Imaging;
  • A Rapid Response Team to provide early intervention and stabilization for pediatric ward patients.

► The Section teaches resuscitation, critical assessment and organ support to pediatric anesthesia and emergency residents.

► The Pediatric Intensive Care Unit is currently pursuing three improvement projects. These include: an initiative to reduce ventilator-associated pneumonia in children, an initiative to improve the early recognition and treatment of severe sepsis in children, and multidisciplinary “safety huddles” to identify and address in a timely fashion potential safety or efficiency issues in the PICU.

► In 2008 we welcomed the arrival of Dr. Stasa Veroukis.
Medical & Scientific Staff:
Hans Pasterkamp, (Section Head)  Raquel Consunji-Araneta
Brenda Louise Giles

The Section of Respirology provides services to ambulatory and to hospitalized children with a wide range of respiratory problems including: asthma, cystic fibrosis, tuberculosis, sleep-related breathing disorders, and chronic lung diseases that require ventilation support at home.

- Diagnostic services include: flexible bronchoscopy, sweat chloride testing for cystic fibrosis, pulmonary function testing, including: exercise and methacholine bronchial provocation testing for asthma, and sleep studies.

- The Section is now firmly established as a member of multidisciplinary ambulatory clinics for patients with neuromuscular disorders at the Rehabilitation Centre for Children.

- Demands on the pediatric tuberculosis program continue to increase. As part of TB management, assessments and advice via TeleHealth are available to northern communities.

- The Section has also stayed involved in the development and application of guidelines and care maps for the management of asthma and bronchiolitis at the Children’s Hospital.

- The Section offers one of the five Royal College accredited training programs in Pediatric Respiratory Medicine in Canada.

- In addition to teaching fellows, residents, and students in allied health professions, the physicians in the Section regularly present at continuing medical education events.

- In 2008, we welcome Dr. Faisal Al-Somali in his first year of fellowship training.

- The members of the Section remain active in research and scholarly activities. Their presentations and publications covered: defence mechanisms against damage by oxygen free radicals, the development of acoustic techniques for respiratory diagnosis in collaboration with biomedical engineering, pediatric tuberculosis, and care of technology-dependent children.
The Section of Pediatric Rheumatology & Immunology diagnoses and treats children and adolescents with rheumatic and connective tissue diseases and vasculitis. These are all diseases which involve inflammation and include arthritis as well as more systemic diseases, such as systemic lupus erythematosus, dermatomyositis (inflammation of the muscle), scleroderma, and inflammatory diseases of vessels (vasculitis).

- Procedures such as treatments by intravenous infusion or injection are performed in the Pediatric Day Unit, which provides excellent support.
- Physiotherapy and occupational therapy staff rotate through the Section on a regular basis and continue to provide excellent patient care.
- The pediatric immunology service diagnoses and treats children and adolescents with immunodeficiencies, which are defects of the immune system resulting in increased infections.
- The Section continues to be heavily involved in Canadian multi-centred research projects and is very pleased that many of its patients generously give their time and effort for these projects.
- Section patients have participated in an ongoing study examining the course and outcome of arthritis.
- New research projects have launched during 2006 and 2007 including a national surveillance project for juvenile arthritis and a project looking at environmental and biologic predictors of arthritis outcomes. Funding was also obtained for another project looking at genetic predictors of arthritis outcomes in children and adolescents.
Medical & Scientific Staff:
Sylvia Kovnats (Section Head)  Jaret McLeod
Alan Cameron  Nigel T. MacDonald
Darcy Beer * in 2008  Shareef Mustapha * in 2008
David Grewar

The St. Boniface General Hospital arm of the Child Health Program provides neonatal and ambulatory pediatric care for children in Manitoba, Nunavut and Northwest Ontario, utilizing a multi-disciplinary model. The 2006-2007 academic year was a busy and productive one both on the clinical and the academic front. The Section reports to both Noelle Lavergne, Director of the Woman and Child Program at St. Boniface Hospital, and to Dr. Cheryl Rockman-Greenberg, Professor and Head of the Department of Pediatrics and Child Health at Children’s Hospital. The achievements from this Section will be broken up between Neonatology and Ambulatory Pediatrics:

**Neonatology** - The number of neonatal admissions for St. Boniface General Hospital exceeded 5,100 for both 2006 and 2007. Neonatologists, General Pediatricians, Family Physicians, and Midwives provide care to the neonates at St. Boniface General Hospital in the NICU and nurseries.

The Section of Neonatology participates in teaching directed towards undergraduate medical and paramedical students, nurse practitioner trainees, and residents in the departments of Pediatrics, Anesthesia and Obstetrics, and fellows in Neonatology.


**Ambulatory Pediatrics** - This program acts as a primary and tertiary level Pediatric facility with subspecialty involvement from: Child Development, Neurology, Orthopedics, Surgery, ENT, Psychiatry, Psychology, and Hematology/Oncology. The program also provides outreach visits to areas of northern Manitoba and Nunavut.

The Section also provides teaching for undergraduate medical students, nurse practitioner trainees, residents and fellows in the departments of Pediatrics and Family Medicine. This Section was pleased that two medical examination rooms were added to facilitate patient care and trainee learning opportunities.

The first phase of the HIS/P Electronic Patient Record was implemented at St. Boniface General Hospital in 2007. It is anticipated that the EPR will have a significant and positive impact on patient care.
The Pediatric Undergraduate Medical Education Program provides an optimal learning environment that encourages medical students in preclerkship and clerkship to appreciate and understand the unique features of infant, child and adolescent medicine.

- The Pediatric Program provides students with the ability to acquire basic knowledge, skills and attitudes appropriate for pediatric medicine, which will serve as a foundation for providing competent childcare in whatever field of medicine the student enters.
- In Preclerkship, pediatric concepts are integrated in the systems blocks and in the Clinical Skills Curriculum through lectures, tutorials, problem-based learning and direct patient exposures.
- The Pediatric Clerkship rotation involves an intensive six-week block of ambulatory and inpatient components to provide students with a broad experience in pediatric health care issues.
- The cognitive curriculum includes problem-based sessions, academic half days, self-study, computer-aided learning tutorials, seminars and/or discussions with pediatricians and sub-specialists to round out the learning opportunities.
- There are 400 students enrolled in the Faculty of Medicine with a planned increase to 110 students per year, all of whom receive comparable pediatric learning experiences.
- To provide the necessary teaching, the Section relies extensively on the expertise and teaching commitments of all its geographical full-time physicians, community pediatricians, pediatric residents, and fellows.
- Approximately 135 individuals provide more than 5,000 hours of undergraduate medical education yearly in addition to ward supervision and supervision in various clinical settings.

New Medical Student Inauguration
Photo Credit: Public Affairs, University of Manitoba
Medical & Scientific Staff:
Raquel Consunji-Araneta, (Director)

The Section of Postgraduate Medical Education of the Department of Pediatrics and Child Health oversees the training of physicians pursuing a career in pediatrics. For the academic year 2006-2007, there were 28 residents (PGY 1 to PGY4) and 14 fellows (PGY4 and higher) and 5 Medical Genetics residents in the program at various stages of training.

- The University of Manitoba offers an accredited four-year training program in Pediatrics leading to certification by the Royal College of Physicians and Surgeons of Canada (RCPSC).

- Training is focused on the fulfillment and realization of the Royal College CanMEDS competencies (Medical Expert, Communicator, Collaborator, Manager, Health Advocate, Scholar and Professional) and aims to provide the trainee with opportunities to develop a broad base of knowledge, and the appropriate skills and professional attitudes to perform all aspects of child health that encompass general pediatric consultancy and subspecialty care.

- We offer an integrated program that is situated mainly at the Children’s Hospital with a few rotations that take place at the St. Boniface General Hospital, the Brandon General Hospital and the Thompson General Hospital as well as at various community preceptor sites within Manitoba.

- Interested students are selected for Residency by applying to the University of Manitoba through the Canadian Resident Matching Service (CaRMS). Each year at least eighty applications are received, competing for four to five First year residency positions. Applicants are “ranked” based on a review of their applications and a personal interview.

- In the past five years, the program has trained physicians not only from across Canada but also from other countries.
Faculty Development

Medical & Scientific Staff:
Ming-Ka Chan, (Director)

Faculty Development is available for assisting the Office of Undergraduate and Postgraduate Medical Education in the development of educational strategies to improve the teaching and learning environment for medical students and residents. Needs assessment surveys are used to help define the educational needs for department members and to promote the evolution of ideas and skills so that department members may become better educators.

Teaching Philosophy as it relates to Pediatrics and Child Health:

► To provide the best education for different levels of the learner;
► To foster the development of future physicians in the CANMEDS model and have caring, compassionate, competent and ethical professionals who are excited about learning and patient care;
► To promote life-long learning, self-assessment, and reflection;
► Collaboration with University Faculty Development Programs is ongoing;
► To create a cooperative learning environment and promote inter and intra professional teamwork;
► To create and maintain a dynamic needs based, learner-centered curriculum whose outcome is a physician who delivers patient-centered care;
► To encourage the scholarship of teaching;
► To support ongoing faculty development and create dedicated educators;
► To meet the goals and objectives of the Undergraduate, Postgraduate and Faculty Education Programs;
► To meet the goals and objectives of the Mission and Vision of the Child Health Program which are: Providing high-quality, comprehensive, family-centered health care, and to ensure that all children will reach their full potential; and,
► To meet the responsibilities we have to our patients and society.
Medical & Scientific Staff:
Gerarda Cronin, (Director) Janet Grabowski

The Quality Team leads risk management, decision support, quality improvement, accreditation, and utilization management in the Child Health Program at the Winnipeg Regional Health Authority.

- Currently, the team is collaborating with the University of Manitoba’s Faculty of Engineering in a project to redesign surgical patient flow at Children’s Hospital. A proposal has been submitted to the Canadian Institutes of Health Research (CIHR) for funding to extend and expand on this research theme.

- The team is participating in the Canadian Association of Pediatric Health Centres (CAPHC) Medication Reconciliation Collaborative. Its outcomes are considered one of the two benchmarks among Canadian pediatric health centres.

- Multidisciplinary teaching activities continue within the Department of Pediatrics and Child Health, and nationally.

- With a grant from CMPA, Dr. Cronin co-leads a cross-Canada project to validate the Canadian Pediatric Trigger Tool. The user version of the tool will be presented at the annual meeting of CAPHC in October 2008.

- Work continues with CAPHC on high-risk medication strategies for Canadian pediatric hospitals and with CAPHC-CPDSN and CIHI on improvements to the CIHI portal and the ongoing development of the CAPHC-CPDSN Community of Practice.
WITH THANKS TO…

The Department of Pediatrics and Child Health would like to extend its sincere gratitude to the following individuals and groups who have helped put together this report:

- The Program Management Team of the Child Health Program (WRHA):
  - Dr. Cheryl Rockman-Greenberg (Medical Director)
  - Ms. Susan Fogg (Director of Patient Services and Program Director)
  - Mr. Ron Van Denakker (Administrative Director)
  - Ms. Cheryl Susinski (Executive Director, Rehab Centre For Children);
- Our dedicated physicians, nurses, medical students, pediatric residents and fellows, research assistants, allied health professionals and other health care workers who work tirelessly to provide the best in care for our patients and are committed to advancing pediatric medicine;
- Our administrative support staff - the “unsung heroes”; those who provide the necessary but often unheralded work behind the scenes to support those who provide care;
- Our Department of Pediatric and Child Health Section Heads who contributed immensely to this Report;
- Special thanks to the following individuals and those who work with them:
  - Elisabeth Culbertson, Special Projects Assistant, Pediatrics & Child Health
  - Pauline Karlenzig, Administrative Assistant, Pediatrics & Child Health
  - Chris MacNeil, GFT Services Manager, Pediatrics & Child Health
  - Valerie Parker, Administrative Assistant to the Head, Pediatrics & Child Health, and Medical Director, Child Health Program
  - Paulette Shonoski, Managing Director, Pediatrics & Child Health
  - Lesia Sianchuk, Executive Director, Children’s Hospital Foundation of Manitoba (www.goodbear.mb.ca)
  - Jack Wallace, Executive Director, University Medical Group
- Extra special thanks to Elisabeth Culbertson and Chris MacNeil for spending endless hours putting together this Annual Report;
- Lastly…the community at large for supporting the Children’s Hospital and the work done by all of our staff.
## OUR TEAM

### MEMBERS OF THE DEPARTMENT OF PEDIATRICS & CHILD HEALTH

(As of August 2008)

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<tr>
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Pederson, Kristen
Peng, Zhikang
Penner, Karen
Pepelassis, Dion *
Persaud, Trivedi
Pollock, Brad
Postl, Brian
Postuma, Ray
Quan, William
Rafay, Mubeen
Raizen, Marilyn
Rajani, Kantilal
Ray, Rena
Reed, Martin
Rempel, Regina
Ridley, Tracy
Roberts, Janet
Robinson, Wesley
Salman, Michael
Sathya, Pushpa
Sawyer, Scott

Schroeder, Marlis
Schur, Natalie
Seargeant, Lorne
Seifert, Blair
Sellers, Elizabeth
Sequeira, Ilan Buffo *
Seshia, Molly
Shuckett, Paul
Silver, Nom
Simard, Louise
Simons, Estelle
Sitar, Daniel
Smith, Robert
Soni, Reeni
Spriggs, Beth
Srinivasan, Ganesh
Stoffman, J a y s o n
Strong, Jim
Taback, Shayne
Tenenbein, Milt
Teskey, Jennifer

Toole, Jack
Triggs-Raine, Barbara
Van De Velde, Rochelle
VanCaeseele, Paul
Verma, Madula
Veroukis, Stasa *
Wall, Donna *
Warda, Lynne
Webb, Sue
Weidman, Martin
Weizman, Samuel
Williams, Gaynor
Wiseman, Nathan
Woodgate, Roberta
Wrogemann, Klaus
Yamsuan, Marlene
Yanofsky, Rochelle
Zelinski, Teresa
Zetaruk, Merrilee

*new faculty as of 2008

**Not all Department members present
Members of the Department of Pediatrics and Child Health have made many significant contributions to child health in the areas of clinical care, education and research during 2006 and 2007. The Department of Pediatrics and Child Health is pleased to present those achievements in our 2006 and 2007 Annual Report.

For 2006 and 2007, our Annual Report has been divided into two segments. Part One, the Summary component, encapsulates the activities of our Medical and Subspecialty Sections, Undergraduate and Postgraduate Medical Education Programs, Faculty Development initiatives, and the Child Health Quality Team.

Part Two, the Supplement to the Annual Report, provides a more detailed account of the Department’s research and teaching achievements, broken down into five major components: honours & awards, publications, presentations, teaching activities, and research activities*.

All information contained in the Supplement can be found in STAR, the Department’s primary administrative database. STAR allows the Department to track a number of activities, including the activities seen throughout this Supplemental Report, and is also used to create a multitude of reports such as this one.

This Supplemental Report is meant to showcase the academic and research-related achievements made by our academic physicians. Congratulations to all!

To learn more about the achievements of the members of the Department of Pediatrics and Child Health, please visit our website at: http://umanitoba.ca/medicine/units/pediatrics

*Not all Section’s contain every activity listed.
# Table of Contents

- Allergy & Immunology ........................................................................................................ 1
- Cardiology .......................................................................................................................... 13
- Child Development Clinic ................................................................................................. 16
- Child Protection Centre ..................................................................................................... 26
- Dermatology ...................................................................................................................... 29
- Emergency .......................................................................................................................... 31
- Endocrinology and Metabolism ......................................................................................... 36
- Faculty Development ......................................................................................................... 47
- Gastroenterology ............................................................................................................... 48
- Genetics & Metabolism ...................................................................................................... 49
- Haematology/Oncology/BMT ............................................................................................. 58
- Ambulatory Care - HSC ..................................................................................................... 78
- Infectious Disease ............................................................................................................. 81
- Neonatology ....................................................................................................................... 85
- Nephrology ........................................................................................................................ 99
- Neurology .......................................................................................................................... 106
- Pediatric Postgraduate Medical Education (PGME) .......................................................... 107
- Pediatric Intensive Care Unit (PICU) ................................................................................ 115
- Pediatric Undergraduate Medical Education (UGME) ....................................................... 116
- Respirology ....................................................................................................................... 116
- Rheumatology .................................................................................................................... 118
- St. Boniface Pediatrics ....................................................................................................... 121
The Section of Allergy and Clinical Immunology currently consists of three full time physicians, Drs. A. Becker, E. Simons, and N. Cisneros, one full time basic scientist, Dr. Z. Peng and a number of scientists who have cross appointments in the section including Drs. K. Simons, K. HayGlass, and A. Kozyrskyj. Several community allergists are also active contributory
members of the section.

For patients with severe asthma we have established a “High Risk” Asthma Team lead by our Clinical Nurse Specialist, Ms. C. Gillespie working with our nurse clinicians, F. Ernst and S. Johnson, our clinic nurse D. Marks and ably supported by our social work colleagues (C. Farwell and T. Plett).

HONOURS & AWARDS (2006 and 2007)

Dr. Estelle Simons just completed her term as President of the largest allergy society in the world, the American Academy of Allergy, Asthma, and Immunology. She has led a highly successful annual scientific meeting – the largest ever of the AAAAI. She received the American Academy of Allergy, Asthma, and Immunology Presidential Gavel Plaque Award in recognition of service as AAAAI President 2005-2006, presented at the 2006 AAAAI Annual Meeting. She continues to work actively on behalf of that organization as Past President. She is also a board member of the World Allergy Organization. She received the World Allergy Organization Scientific Achievement Award, in recognition of outstanding contributions in allergy and immunology, presented at the World Allergy Congress in Bangkok. She received the Asthma and Allergy Foundation of America Sheldon Siegel Award for leadership in allergy and immunology, presented at the AAFA Annual Meeting in Los Angeles. Currently, research with Dr. K.J. Simons and O. Rashid, MSc is focused on ongoing development of sublingual epinephrine for the treatment of acute anaphylaxis. Other research projects with Dr. K.J. Simons are focused on receptor occupancy studies of H1-antihistamines.

Dr. Allan Becker continues to be extremely active in research. He leads two interdisciplinary CIHR funded teams in the Study of Asthma, Genes and the Environment (SAGE) and the Gender Related Evaluation of Asthma team (GreatlCE) which includes colleagues in the Department of Pediatrics (E. Sellers and H. Dean) as well as colleagues in Human Nutritional Sciences and Sociology. Dr. Becker is a member of the Allergy Gene Environment Network (AllerGen) of the Networks of Centers of Excellence. He is a co-leader of the Program on Public Policy, Ethics and Society for that NCE and is a member of the Research Management Committee of AllerGen. He is a core member of the CIHR Strategic Training Program – the National Training Program in Allergy and Asthma based at the University of Manitoba. Dr. Becker has recently received two awards – The Children’s Hospital Foundation of Manitoba “Teddy” award in 2006 and the Anne and Neil McArthur Research award from the Father Sean O’Sullivan Research Centre at St. Joseph’s Healthcare Foundation in 2007.

Dr. Nestor Cisneros has focused on clinical practice and education. He is the Training Program Director for the section and represents the University of Manitoba Pediatric Allergy and Clinical Immunology Training Program on the Royal College Specialty Committee. We have currently two sub-specialty trainees (T. Pitt and M. Barzanji) and doctoral and post-doctoral trainees in other disciplines.

RESEARCH ACTIVITIES

GRANTS (2006 and 2007)

Clinical Trial - Research

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<td>Becker, Allan Barry</td>
<td>Source: AllerGen NCE</td>
<td>$25,000</td>
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<td>2002 Jan - 2008 Dec</td>
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<td>National Training ProgramAllergy and Asthma: From molecular regulation to population health</td>
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<td>2002 Jan - 2007 Dec</td>
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DEPARTMENT OF PEDIATRICS AND CHILD HEALTH
### ANNUAL REPORT: 2006 and 2007

#### Department of Pediatrics and Child Health

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<td>Canadian Institutes of Health Research</td>
<td>$545,201</td>
<td>Inflammatory gene haplotypes and susceptibility to cardiac, vascular and pulmonary disease</td>
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<td>Canadian Institutes of Health Research</td>
<td>$2,466,000</td>
<td>New Emerging Team Program, Origins of asthma in childhood: The role of gene: environment interactions</td>
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<td>Canadian Institutes of Health Research</td>
<td>$246,600</td>
<td>New Emerging Team Program Origins of asthma in childhood: The role of gene: environment interactions. The SAGE project (Study of Asthma Genes and the Environment)</td>
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<td>Biology of Breathing, Manitoba Institute of Child Health</td>
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<td>Chemokines in immune regulation of human allergic disease</td>
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<td>Crohn's and Colitis Foundation of Canada</td>
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<td>TGF? vaccines in the down-regulation of airway remodeling</td>
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#### PRESENTATIONS

Becker, Allan

DEPARTMENT OF PEDIATRICS AND CHILD HEALTH
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<td>Feb 22, 06</td>
<td>Breathe Life Into Respiratory Care III</td>
<td>Brandon RHA</td>
<td>“Update on the New Asthma Guidelines”</td>
</tr>
<tr>
<td>Mar 2, 06</td>
<td>CIHR Institute of Cardiorespiratory Health Symposium</td>
<td>Vancouver, BC</td>
<td>“Study of Asthma, Genes, and the Environment”</td>
</tr>
<tr>
<td>Mar 29, 06</td>
<td>AllerGen NCE Workshop: Knowledge Translation and It’s Impact on Policy Workshop Coordinator</td>
<td>Dauphin, MB</td>
<td>“Pediatric Allergy”</td>
</tr>
<tr>
<td>Apr 3, 06</td>
<td>Parkland Region (Dauphin) Educational Session</td>
<td>Dauphin, MB</td>
<td>“Pediatric Allergy”</td>
</tr>
<tr>
<td>Apr 8, 06</td>
<td>Asia Pediatric Meta Forum: An Asian Consensus Conference</td>
<td>Hong Kong, Faculty of Medicine</td>
<td>“Customizing Asthma Therapy for Children: Weighing the Risk/Benefit Relationship”</td>
</tr>
<tr>
<td>Apr 29, 06</td>
<td>Ontario Allergy Update 2006</td>
<td>Toronto, ON</td>
<td>“Update on Pediatric Asthma Guidelines”</td>
</tr>
<tr>
<td>Aug 24, 06</td>
<td>Mexican Congress of Pediatric Allergy and Immunology</td>
<td>Ixtapa, Mexico</td>
<td>“Asthma in the Young Child”</td>
</tr>
<tr>
<td>Oct 28, 06</td>
<td>CSACI Annual Meeting</td>
<td>Montreal, PQ</td>
<td>“Pediatric asthma: Do we have data for guidelines?”</td>
</tr>
<tr>
<td>Nov 4, 06</td>
<td>Nemacolin Asthma Conference</td>
<td>Farmington, Pennsylvania</td>
<td>“Asthma Prevention – Environmental Strategies”</td>
</tr>
<tr>
<td>Nov 11, 06</td>
<td>BC Society of Allergy &amp; Immunology Long Beach Retreat 2006</td>
<td>Ucluelet, BC</td>
<td>“Asthma Guidelines: Do we have the evidence needed to make recommendations for the preschool child?”</td>
</tr>
<tr>
<td>Dec 6, 06</td>
<td>BC Pediatric Society</td>
<td>Vancouver, BC</td>
<td>“Guidelines and Clinical Practice – Individualizing Asthma Control”</td>
</tr>
<tr>
<td>Dec 14, 06</td>
<td>Central Region (Morden/Winkler) Education Session</td>
<td>Boundary Trails Health Centre, Central Region, Manitoba</td>
<td>“Paediatric Asthma and Allergies”</td>
</tr>
<tr>
<td>Feb. 24-28, 07</td>
<td>AAAAI Annual Scientific Meeting</td>
<td>San Diego, CA</td>
<td>“Home Environmental Control is an Effective Treatment for Allergies”</td>
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<tr>
<td>Mar 22, 07</td>
<td>Pediatric Origins of Lung Disease Symposium</td>
<td>Manitoba Institute of Child Health</td>
<td>“Which Allergen Control Measure Actually Work?”</td>
</tr>
<tr>
<td>May 16, 07</td>
<td>Bench to Bedside Rounds</td>
<td>Winnipeg, MB</td>
<td>“Asthma/Allergies A Breath of Fresh Air”</td>
</tr>
</tbody>
</table>
July 25, 07 Korea Pediatric Society
Seoul Korea
"Clinical Management of Asthma in the Young Child"
Sept. 7-9, 07 Manitoba Association of Asian Physicians
Gimli, Manitoba
"Asthma Update – Are We Doing Enough?"
Sept. 15, 07 Thunder Bay Medical Society
Lakehead Summer School 2007, Thunder Bay
"Asthma: Current trends and treatment options"
Oct. 11, 07 Family Medicine Forum 2007
Winnipeg, MB
"Pediatric Asthma: An Update"
"Hot Topics: Management of Childhood Asthma"
Oct. 15-17, 07 St. John’s Medical College
Bangalore, India
Birth Cohort Workshop
"Early Life Origins of Allergy and Asthma"
Nov. 8, 07 Global Allergy and Asthma European Network Birth Cohort Workshop
Amsterdam, Netherlands
"Development of a Canadian National Birth Cohort"

Invited Lecturer - Education

Simons, Frances Estelle Reed
2007 Dec 18 Tokyo Medical School, Department of Dermatology, Toyko, Japan, Visiting Professor. Tokyo, Japan
2007 Dec 17 Juntendo University School of Medicine, Department of Dermatology, Tokyo, Japan, Visiting Professor. Tokyo, Japan

Invited Presentation - Research

Peng, Zhikang
2007 Nov Peng Z. Recombinant cytokine peptide-based virus-like particle vaccines in the down-regulation of allergic and autoimmune responses. Serial II: Advances and Challenges Toward Major Diseases at the 5th Anniversary Congress of Int Drug Discovery Science and Technology. Xi’an and Beijing, China
2007 Nov Cytokine vaccines. Xi’an, China
2007 Mar Peng Z. IL-13 and TNF? vaccines. Frontier Biotech, Inc. Washington, DC, USA, United States
2007 Jan Peng Z. Cytokine vaccines in autoimmune disorders. McMaster University. Hamilton, ON
2006 May Peng Z. IgE and Th2 vaccines. Dept of Medicine, Univ. of Louisville, USA. Louisville, USA., United States
2006 Mar Peng Z. IgE and IL-13 vaccines. National Congress of Immunology. ZhengJiang, China

Oral Presentation - Abstract - Research

Peng, Zhikang
2007 IgE and Th2 cytokine vaccines. Dept of Respiratory
2006 Vaccines against IgE and Th1/2 cytokines. Pediatric Allergy J Club
2006 Vaccines against allergy and autoimmune diseases. National Training Prog
E. Simons

In 2006, Dr. Estelle Simons presided over the Annual Meeting of the American Academy of Allergy, Asthma and Immunology (AAAAI). During this meeting, which was attended by more than 8,000 people, she chaired the Presidential Plenary session, and gave the Presidential Address and other invited presentations.

She also chaired 2006-2009 AAAAI Strategic Planning meeting, was an invited speaker at the AAAAI Allergy and Immunology Program Directors meeting, and organized and co-chaired a joint research meeting of the AAAAI and the European Academy of Allergology and Clinical Immunology (EAACI).

She was an invited plenary session or symposium speaker at a number of other major meetings, including the EAACI Annual Congress, the Japanese Society of Pediatric Allergy & Clinical Immunology Annual Meeting, the Korean Academy of Asthma, Allergy and Clinical Immunology Annual Congress, and the Allergy, Asthma and Immunology Society of Ontario Meeting.

In addition, she participated in the World Health Organizations launch of the Global Alliance Against Respiratory Disease in Beijing, and was a visiting speaker at Beijing University.

In 2007, Dr. Simons was an invited plenary or symposium speaker at the AAAAI Annual Meeting, the American Thoracic Society Annual Meeting, the EAACI Annual Congress, the Canadian Society of Allergy & Clinical Immunology Annual Meeting, the College of Family Physicians of Canada Family Medicine Forum, the Turkish National Society of Allergy & Clinical Immunology Annual Meeting, the EAACI/European Respiratory Society Joint Pediatrics Meeting, the Annual Meeting of the Japanese Society for Dermatoallergology, and the World Allergy Congress.

In addition, she was a Visiting Professor at Humboldt University/Charité Hospital in Berlin, and at Tokyo Medical School.

PUBLICATIONS

Becker, Allan


Boulet LP, Becker AB, Bowie D, Hernandez P, McIvor A, Rouleau M. Implementing practice guidelines: A workshop on guidelines dissemination and implementation with a focus on asthma and COPD. Can Respir J 2006;13;Suppl A.

Becker A, Bowie D. Implementing practice guidelines: Do we need a Canadian national asthma campaign? Can Respir J 2006; 13:44A-45A.


Mai XM, Becker AB, Sellers EC, Liem JJ, Kozyrskyj AL. Infrequent milk consumption plus being overweight may have great risk for asthma in girls. Allergy 2007; 62:1295-1301.

**Peng, Zhikang**


**Articles in Journals (Refereed) - Research**

**Peng, Zhikang**

2007 Ma Y, Ma AG and Peng Z. A potential immunotherapy approach: mucosal immunization with an IL-13 peptide-based and virus-like particle vaccine in a mouse asthma model. Vaccine 2007;25:8091-99. Published. **Role:** Primary/Senior Author


**Simons, Frances Estelle Reed**


Demographic and clinical characteristics of children and adolescents with severe or difficult-to-treat asthma. J Allergy Clin Immunol 2007;119:1156-1163. Published. Role: Co-Author


2007 Cox L, Platts-Mills TA, Finegold I, Schwartz LB, Simons FER, Wallace DV, on behalf of the AAAAI/ACAAI Omalizumab Anaphylaxis Joint Task Force members. American Academy of Allergy, Asthma, and Immunology/American College of Allergy, Asthma, and Immunology joint task force report on omalizumab-


2006 Akdis CA, Simons FER. Histamine receptors are hot in immunopharmacology. Eur J Pharmacol 2006;533:69-76. Published. Role: Co-Author


2006 Rawas-Qalaji MM, Simons FER, Simons KJ. Epinephrine for the treatment of anaphylaxis: Do all 40 mg sublingual tablet formulations with similar in vitro characteristics have the same bioavailability? Biopharm Drug Dispos 2006;27:427-435. Published. Role: Co-Author


2006 Custovic A, Simons FER. Drugs used in paediatric allergy: should we conduct studies in children or extrapolate from adults? Clin Exp Allergy Rev 2006;6:1-5. Published. Role: Co-Author


2006 Simons FER. Newsview from the AAAAI. PRACTALL Meeting Addresses Anaphylaxis Diagnosis. J Allergy Clin Immunol 2006;118:33A (July 2006). Published. Role: Primary/Senior Author
Peng, Zhikang


2007 Zhou Y, Ma AG, Ma Y, Qing G, Zhang T, Bernstein CN, Peng Z. Tumour necrosis factor alpha (TNF?) vaccines in the downregulation of bowel inflammatory responses in mice. J Allergy Clin Immunol 2007;119:S156. Published. Role: Primary/Senior Author

2007 Peng Z, Simons FER. Mosquito allergy and mosquito salivary allergens. Protein and peptide science 2007. Accepted / In Press. Role: Co-Author


Simons, Frances Estelle Reed


Author


Books & Monographs - Edited - Education

Simons, Frances Estelle Reed


Electronic Documents - Research

Simons, Frances Estelle Reed


Other Publications

Simons, Frances Estelle Reed

2006 Simons FER. Message from the President: AAAAI 2006 Annual Meeting. AAAAI eNews, January 2006. Published. Role: Primary/Senior Author

2006 Simons FER. AAAAI Annual Meetings – time well spent. Academy News, February 2006. Published. Role: Primary/Senior Author

2006 Simons FER. Message from the President: AAAAI: Building on past successes and current strengths. AAAAI eNews, February 2006. Published. Role: Primary/Senior Author

2006 Simons FER. Today is Anaphylaxis Day: Update knowledge of anaphylaxis treatment. Academy News, March 2006. Published. Role: Primary/Senior Author

2006 Simons FER. American Academy of Allergy, Asthma, and Immunology 2005 Accomplishments brochure. Academy News, June 2006. Published. Role: Primary/Senior Author
TEACHING ACTIVITIES (2006 and 2007)

POSTGRADUATE TEACHING

Becker, Allan Barry

2007 Nov 30  Grand Rounds, Origins of Asthma in Early Life: "Does Anything we do really matter?"

Simons, Frances Estelle Reed

2007 Sep 21  Grand Rounds, Anaphylaxis, Killer Allergy: Risk Assessment & Long-Term Risk Reduction in the Community

STUDENT SUPERVISION

Becker, Allan Barry

present  A.H.M. Sazzadul Anwar Khan, PhD (Candidate), PhD External Examiner (University of British Columbia)

Peng, Zhikang

2007 Jul - 2009 Jun  Gang Zhou, MD, PhD, Post-doctoral fellow, Supervisory Role: Primary Supervisor
2007 Jun - 2007 Aug  Genevieve E. Julien, Summer Student, Supervisory Role: Primary Supervisor
2006 Sep - 2009 Aug  Qingdong Guan, M.Sc., Supervisory Role: Primary Supervisor
2005 Jul - 2008 Jun  Allan G. Ma, M.Sc., Supervisory Role: Primary Supervisor

Simons, Frances Estelle Reed

present  Dr. Peter K.O. Lee

Cardiology

Medical Staff (2006-2007)

Section Head
Reeni Soni MD, BSc, FRCPC
Ilan Buffo MD, FRCPC *joined 2008
Dion Pepelassis MD, FRCPC *joined 2008
Abhay Ashok Divekar MD, FRCP(C) *left mid-2007

Section Staff (2006-2007)
Nurse Clinicians
Lea Legge, RN
Amber Ducheck, RN
Pamela Wiebe, RN

Technologists
Sam Aminian
Joy McCort
Raymond Saurette
Tara Lavery
Esme Hope, EKG Technologist

Secretarial Support Staff
Audree Riley
Mona Remillard
Loida Gatdula
Tamara Siwicki
Theresa Stacey
The Section comprised of Dr. Reeni Soni and Dr. Abhay Divekar until October 2007 when Dr. Divekar departed for the University of Iowa. Drs. Ilan Sequeira and Dion Pepelassis joined the Section in July 2008.

The Section hosted the first and second annual Pediatric Cardiac Transplant days bringing together transplant cardiologists from Edmonton, Toronto, Vancouver and Calgary for multicenter transplant clinics here in Winnipeg. The section continues to bring Dr. Michael Kantoch here from Stollery Children's Hospital on a recurrent basis to provide invasive arrhythmia services here.

Dr. Soni received an MMSA teaching award nomination in 2006. Dr. Soni and Dr. Divekar continued to develop their respective research interests the areas such as fetal cardiology, transcatheter device development, and pulmonary circulation development.

On the administrative front, Dr. Soni was appointed as president of the Canadian Pediatric Cardiology Association in October 2007.

She was awarded the 2006 YWCA Women of Distinction award in the Health and Wellness category and was nominated for the Globe and Mail Top 40 under 40 award in 2007.

HONOURS & AWARDS

Divekar, Abhay Ashok

2005 Feb - present  Donation, Manitoba Lotteries Commission

Soni, Nandini Reeni

2007  Nominated for Globe and Mail, “Canada's Top 40 Under 40” Award
2006 Oct  President Elect of Canadian Pediatric Cardiology Association
2006 Aug  Awarded Certificate for Contributions to Indo-Canadian Community, India Association of Manitoba Inc.
2006 May  Awarded Women of Distinction Award, YMCA / YWCA

RESEARCH ACTIVITIES

GRANTS

Operating Grants - Research

2005 - present  Soni, Nandini Reeni  Principal Investigator
Source: Canadian Diabetes Association  Total Amount: $30,820
Carotid intima media thickness and cardiovascular risk factors in childhood type II Diabetes mellitus
2006 - 2006 Dec  Soni, Nandini Reeni  Co-Investigator
Source: Manitoba Institute of Child Health
Does Folic Acid Fortification Reduce the Risk of Congenital Heart Defects? Geographic and Temporal Analysis of Folate Sensitive Cardiac Malformations in Manitoba
2006 Feb - 2007 Feb  Divekar, Abhay Ashok  Minor
Source: Manitoba Institute of Child Health  Total Amount: $5,000
Neonatal Thrombosis - Incidence and Risk Factors
PRESENTATIONS

Invited Lecturer - Education

Soni, Nandini Reeni

2007 Oct 12  Soni, Nandini Reeni. “Murmurs Not to Send to Cardiology”. Pediatric Small Group Discussion Series, Continuing Medical Education, University of Manitoba
2007 Feb    Soni, Nandini Reeni. “Fetal Echocardiography – Implications for Geneticists”, Genetics Rounds

Invited Presentation - Research

Divekar, Abhay Ashok


PUBLICATIONS

Articles in Journals (Refereed) - Research

Soni, Nandini Reeni


Abstracts - Research

Divekar, Abhay Ashok

2006        Divekar A, Soni R. Successful parental use of an automated external defibrillator in an infant with long QT syndrome. Pediatrics: 2006;118;526-529; originally published online Jun 30, 2006. Published. Role: Co-Author

Soni, Nandini Reeni

TEACHING ACTIVITIES

UNDERGRADUATE TEACHING

Soni, Nandini Reeni

2003 Jul 01 - present  Lectures (excl prep time), Year I (Block 3): Faculty of Medicine: “Introduction to Congenital Heart Disease”, lecture and tutorial Early exposure mentor.

2003 Jul 01 - present  Lectures (excl prep time), Year II,III, Faculty of Medicine: Bedside Clinical Teaching of Cardiovascular Examination

2003 Jul 01 - present  Lectures (excl prep time), Year IV, Faculty of Medicine: Clinical Teaching in Cardiology Outpatient Clinic. Academic Halfday (lecture) with each clerkship group

POSTGRADUATE TEACHING

Divekar, Abhay Ashok

2006 Jul 25  General Pediatrics Morning Report, Approach to cyanotic newborn

2006 Jul 27  General Pediatrics Morning Report, Approach to Cyanotic Heart Disease

Soni, Nandini Reeni

2003 Jul 01 - present  Academic Half Day - Pediatrics, Year IV, Academic Halfday (lecture) with each clerkship group

2003 Jul 01 - present  Academic Half Day - Pediatrics, Pediatric Residency Program: Cardiology subspecialty rotation teaching, Academic halfday 2-3 times per year, 4th year residents RCPC examination preparation

2003 Jul 01 - present  Academic Half Day - Pediatrics, Adult Cardiology Fellowship Program: Pediatric cardiology rotation teaching Academic halfday 2 times per year

Child Development Clinic

Medical Staff (2006-2007)

Section Head  Sally Longstaffe MD (Hons), BSc, FRCP(C)
Terry Benoit, MD
Janice Blampy, MD
Nancy Bowman, MD
Ana Hanlon-Dearman MD, MSC, FRCPC, FAAP, CBSM

Director – Newborn Follow Up Program  Diane Moddemann MD, MED, FRCPC, FAAP

Fellow, Developmental Paediatrics  Regina (Gina) Ruth Rempel, MD, FRCPC, FAAP
Hussain Al-Shamrani

Fellow, Developmental Paediatrics  Tannis Wiebe

Section Staff (2006-2007)

Social Worker  Enid Britton
Secretary  Jenna Grimstead
Secretary  Lynn Kaebe
Early Child Development Facilitator  Dianne Kennedy
Supervisor  Sue Morison

DEPARTMENT OF PEDIATRICS AND CHILD HEALTH
Partnership is present with the Children’s Hospital Child Protection Centre with weekly Child Protection Developmental Clinics, and collaboration weekly over case management dilemmas.

Partnership is present with the Sections of Pediatric Neurology and Respirology to assist infants and children with complex sleep problems.

Close partnerships are present other groups such as Manitoba Child Day Care, Aulneau Renewal Centre, Family Centre, Child and Family Services Agencies, Conciliation Services, to assist children experiencing behaviour problems where they and their families require diagnosis and assistance.

HONOURS & AWARDS

Hanlon-Dearman, Ana Catarina de Bazenga

2007 Sep  Best Poster, 8th Annual Fetal Alcohol Canadian Expertise (FACE) Conference, Primary author, Motherisk (Hospital for Sick Children) and Canada FASD NW Research Partnership

RESEARCH ACTIVITIES

GRANTS

Clinical Trial - Research

2007 - 2012  Moddemann, Diane Marie  Site Investigator
Source: CIHR  Total Amount: $3,585,161
MACS-5 “Maternal Antenatal Corticosteroid Study”

2007 - 2011  Moddemann, Diane Marie  Site Investigator
Source: CIHR  Total Amount: $3,691,500
COTstudy “Canadian Oxygen Trial”

2006 - 2009  Moddemann, Diane Marie  Co-Investigator
Source: CIHR
Comparison of Human milk and formula feeding on antioxidant status and later development in preme infants
<table>
<thead>
<tr>
<th>Date Range</th>
<th>Investigator</th>
<th>Role</th>
<th>Source</th>
<th>Total Amount</th>
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</thead>
<tbody>
<tr>
<td>2004 Jan - 2009 Dec</td>
<td>Moddemann, Diane Marie</td>
<td>Major - Member of international</td>
<td>CIHR</td>
<td>$1,744,740</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Efficacy and safety of methylxanthines in very low birth weight infants (Caffeine for Apnea of Prematurity (CAP) Study) Five year follow up study</td>
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<tr>
<td>2003 Jan - 2006 Dec</td>
<td>Moddemann, Diane Marie</td>
<td>Co-Investigator</td>
<td>CIHR</td>
<td>$1,744,740</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Choosing the right outcomes for the evaluation of therapies in preterm infants (TIPP Follow Up). Local CIHR</td>
<td></td>
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<tr>
<td>2001 Jan - present</td>
<td>Moddemann, Diane Marie</td>
<td>Co-Investigator</td>
<td>CIHR (on a per patient funded grant)</td>
<td>$2,091,920</td>
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<td></td>
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<td>Maternal Antenatal Corticosteroid Study (MACS Study)</td>
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<tr>
<td>2000 - 2007</td>
<td>Moddemann, Diane Marie</td>
<td>Site Investigator</td>
<td>CIHR</td>
<td>$2,091,920</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Caffeine for Apnea of Prematurity.(CAP) Trial</td>
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<tr>
<td>1999 - present</td>
<td>Moddemann, Diane Marie</td>
<td>Co-Investigator</td>
<td>Alberta Capital Health</td>
<td>$175,000</td>
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<tr>
<td></td>
<td></td>
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<td>The registry and follow up of invasive, complex pediatric therapies</td>
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### Operating Grants - Research

<table>
<thead>
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<th>Date Range</th>
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<th>Role</th>
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<tbody>
<tr>
<td>2005 Apr - 2006 Mar</td>
<td>Hanlon-Dearman, Ana Catarina de Bazenga</td>
<td>Co-Investigator</td>
<td>Child Health Manitoba</td>
<td>$39,700</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Assessment of the value of expanded FASD children and development of a “strengths profile” in the diagnosis and treatment of FASD children.</td>
<td></td>
</tr>
<tr>
<td>2005 Mar - 2006 Feb</td>
<td>Hanlon-Dearman, Ana Catarina de Bazenga</td>
<td>Co-Investigator</td>
<td>The Asper Foundation</td>
<td>$10,000</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Building Blocks for Attachment, Parent-Child Attachment Demonstration Project.</td>
<td></td>
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<tr>
<td>2007 Nov</td>
<td>Longstaffe, Sally Elizabeth Anne</td>
<td>Co-Investigator</td>
<td>Children's Hospital Research Foundation</td>
<td>$107,314</td>
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<td></td>
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<td>Risk and Resilience in Adolescents with FASD Involved with the Youth Justice Project in Manitoba</td>
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<tr>
<td>2007 Jan</td>
<td>Longstaffe, Sally Elizabeth Anne</td>
<td>Principal Investigator</td>
<td>Children's Hospital Foundation</td>
<td>$107,314</td>
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<tr>
<td></td>
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<td>Building Blocks of Attachment Demonstration Project</td>
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<tr>
<td>2007</td>
<td>Longstaffe, Sally Elizabeth Anne</td>
<td>Co-Investigator</td>
<td>WINNIPEG FOUNDATION</td>
<td>$3,694</td>
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<td></td>
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<td></td>
<td>Analysis of neurodevelopmental profiles in school age children with FASD</td>
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<tr>
<td>2006 Jan</td>
<td>Longstaffe, Sally Elizabeth Anne</td>
<td>Principal Investigator</td>
<td>Winnipeg Foundation</td>
<td>$30,000</td>
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<tr>
<td></td>
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<td>Art Therapy for Children with FASD.A Pilot Project</td>
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<tr>
<td>2005 Dec - 2006 Dec</td>
<td>Longstaffe, Sally Elizabeth Anne</td>
<td>Co-Investigator</td>
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### Source: Children's Hospital Foundation

Building Blocks of Attachment Program Demonstration project

<table>
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<tr>
<td>2006 Jan</td>
<td>Longstaffe, Sally Elizabeth Anne</td>
<td>$100,000</td>
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Youth Justice Pilot Project in assessment and treatment of Adolescents with Fetal Alcohol Syndrome in the criminal justice system

### Collaborative Project - Research

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<th>Year</th>
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<tr>
<td>2006</td>
<td>Rempel, Regina (Gina) Ruth</td>
<td>CHAC</td>
<td>$30,000</td>
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Development of the Pediatric Enteral Parenteral Handbook

### Travel Grants - Education

<table>
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<th>Date</th>
<th>Investigator(s)</th>
<th>Source</th>
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<tr>
<td>2007 May - 2008 May</td>
<td>Rempel, Regina (Gina) Ruth</td>
<td>MICH</td>
<td>$700</td>
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Aspiration during swallowing in children of the First Nations in Canada

### PRESENTATIONS

#### Invited Lecturer - Education

**Hanlon-Dearman, Ana Catarina de Bazenga**

- **2007 Apr 19** Hanlon-Dearman A. Sleep Disorders in Children. Manitoba Association Registered School Psychologists. Gimli, Manitoba, Canada

#### Invited Presentation - Research

**Hanlon-Dearman, Ana Catarina de Bazenga**

- **2007 Sep 07** Hanlon-Dearman A. The Brain in FASD and Neurodevelopmental Patterns Across the Spectrum. Motherisk (Hospital for Sick Children), Healthy Child MB, FNIHB Health Canada, Brewers Association of Canada, Winnipeg, Manitoba, Canada

**Longstaffe, Sally Elizabeth Anne**

- **2007 Sep 07** This is Me-a Tool for Learning about and working with people who have fetal alcohol spectrum disorder. 8th Annual Fetal alcohol Canadian Expertise Research Roundtable

**Moddemann, Diane Marie**

- **2006 May** Life after preterm birth - Childhood Outcomes. Manitoba Woman and Child Spring Conference. Winnipeg, Manitoba, Canada
Conference Presentation (Refereed) - Research

Moddemann, Diane Marie


Oral Presentation - Abstract - Research

Longstaffe, Sally Elizabeth Anne

2007 Jun   Spatial Processing in Children with Autism Spectrum Disorders

Poster Presentation - Research

Hanlon-Dearman, Ana Catarina de Bazenga

2007 Sep 07   Hanlon-Dearman A. Actigraphic Characteristics of Children with Fetal Alcohol Spectrum Disorder. Motherisk Program (Hospital for Sick Children), Healthy Child MB, FNIHB Health Canada, Brewers Association of Canada. Winnipeg, Manitoba, Canada
2007 Sep 07   Fjeldsted F and Hanlon-Dearman A. A Pilot Study to Examine the Correlation Between Sleep Disturbance and Sensory Processing in 0-36 Month Old Children with Fetal Alcohol Spectrum Disorder (FASD). Motherisk (Hospital for Sick Children), Healthy Child MB, FNIHB Health Canada, Brewers Association of Canada. Winnipeg, Manitoba, Canada
2007 Mar 07   Hanlon-Dearman A and Penner K. Are Neurodevelopmental Abnormalities More Prevalent in Older Than Younger Children Diagnosed with Partial Fetal Alcohol Spectrum Disorder and Alcohol Related Neurodevelopmental Disorder? University of British Columbia Interprofessional Continuing Education. Victoria, British Columbia, Canada
2007 Jan 25   Hanlon-Dearman A. Actigraphic characteristics of Young Children with Fetal Alcohol Spectrum Disorder. Annenberg Center for Health Sciences. Rancho Mirage, California, United States
2007 Jan 25   Hanlon-Dearman A and Fjeldsted B. Sleep and Sensory Processing in Young Children (0-36 months) with FASD -- A Pilot Study. Annenberg Center for Health Sciences. Rancho Mirage, California, United States

Longstaffe, Sally Elizabeth Anne


Moddemann, Diane Marie

Grand Rounds - Education

Hanlon-Dearman, Ana Catarina de Bazenga

2006 Apr 13 Hanlon-Dearman A. Sleeping Like a Baby.... Pediatric Sleep Disorders and Approaches to their Treatment. Department of Pediatrics and Child Health. Winnipeg, Manitoba, Canada

Rounds - Small Group Discussion - Education

Moddemann, Diane Marie


2006 Sep Hearing Loss - Neonatal Issues and Implications for the Future. Neonatology Rounds. Winnipeg, Manitoba, Canada

Invited Presentation - Research

Rempel, Regina (Gina) Ruth


2007 Jun Rempel GR and Borton B. Feeding Problems in Typically Developing Children. Canadian Pediatric Society Annual Meeting. Montreal, Quebec, Canada

2007 May Rempel GR. Aspiration during swallowing in typically developing children of the First Nations and Inuit in Canada. Annual Meeting of the Canadian Society for Pediatric Respiratory held in conjunction with the American Thoracic Society Meetings. San Francisco, California, United States


Oral Presentation - Abstract - Research

Rempel, Regina (Gina) Ruth


Poster Presentation - Research

Rempel, Regina (Gina) Ruth


PUBLICATIONS

Articles in Journals (Refereed) - Research

Moddemann, Diane Marie


2006 Moddemann D, Shea S. The developmental pediatrician and neonatal follow up. Paediatrics and Child Health 2006; 11:295-299. Published. Role: Primary/Senior Author

Abstracts - Research

Longstaffe, Sally Elizabeth Anne


**Moddemann, Diane Marie**


**Reports - Research**

**Hanlon-Dearman, Ana Catarina de Bazenga**


**ANNUAL REPORT: 2006 and 2007**

**SUPPLEMENT**

**Articles in Journals (Refereed) - Research**

**Rempel, Regina (Gina) Ruth**


**TEACHING ACTIVITIES**

**UNDERGRADUATE TEACHING**

**Hanlon-Dearman, Ana Catarina de Bazenga**

2007 - 2008  Medical Humanities Tutor, Med I, MH005, MH017, MH208, MH039, MH039, MH219
2006 Oct 01  Lectures (excl prep time), Clinical Skills Curriculum, Med II, Block IV, CS298
2006 - 2007  Medical Humanities Tutor, Med I, MH001, MH007, MH013, MH211, MH026, MH030, MH12, MH020, MH039, MH219
2005 Jan 01 - 2006 Dec 31  Medical Humanities Tutor, Med I, MH026, MH212, MH211, MH020, MH039, MH219
2001 Jan 01 - 2006 Dec 31  Physical Skills Development Tutor, Observed History and Physical, Med III
2001 - present  HD019 - Children's Health Status, Med I
2000 Sep 01 - 2006 Jan 01  Physical Skills Development Tutor, Clinical Case Presentations, Med II, Unknown patient, and observed history and physicals
2000 - present  Problem Solving Tutor, Med II, Block IV (10 sessions), Block V (12 sessions), Block VI (6 sessions)? TBC
2000 - present  Outpatient - Subspecialty Clinics, Medl/II, visiting medical students to CDC
2000 - present  HD032 - Developmental Delay, Med I, lecture to whole class
1998 - present  HD025 - Common Behaviour Concerns, Med II
1998 - present  HD025 - Common Behaviour Concerns, Med II

**Rempel, Regina (Gina) Ruth**

2006 Jan 01 - 2006 Dec 31  CS240 - Pediatric Neurology, Medicine 2, Neurology Bedside Teaching, The students value my ability to show them a variety of patients with neurological problems, not just those assigned. This allows us to compare and contrast the children's problems and adds depth to their learning experience.
2001 Jan 01 - present  Medical Humanities Tutor, Medical Humanities/Med 2
2001 Jan 01 - present  Medical Humanities Tutor, Medical Humanities/Med1
1997 Dec 01 - present  HD039 - Developmental Disabilities, Medicine 1, The focus is on motor impairment & the integration into society. In this lecture I also have an important role in advocating for people with disabilities. Students have commented positively on my ability to communicate this.
1996 Jan 01 - present  CPA - Comprehensive Patient Assessment (BEDSIDE), Comprehensive Patient Assessment, Medicine Year 2
1996 Jan 01 - present  ITC - Obx. Hx. & Px., Medicine 3, 4 students per session
1996 Jan 01 - present  Academic Half Day, Medicine 4, Academic Half Day presentations on developmental disabilities. 1.5 hours per session. 12 students per session
1996 Jan 01 - present  Outpatient - Clinic/Office Visits, Medicine 1, 2, 3, 4, Students at all levels attend clinics and consultation in the hospital. Some come in early years for early exposure and others as
POSTGRADUATE TEACHING

Hanlon-Dearman, Ana Catarina de Bazenga

2007 Nov 19 - present
Noon Rounds Presentations, “Teaching Pediatric Clinical Skills” for residents and preceptors teaching cardiorespiratory bedside clinical sessions

2007 Aug 27
Noon Rounds Presentations, “Teaching Pediatric Clinical Skills” for residents and preceptors teaching CPA

2007 May 16
Academic Half Day - Pediatrics, Speech and Language Disorders in Children

2006 Jun 21
Academic Half Day - Pediatrics, Learning Disabilities

2006 Apr 13
Grand Rounds, Sleeping Like a Baby. Pediatric Sleep Disorders and Approaches to their Treatment.

2000 - present
Divisional Seminars / Journal Club, Resident Journal club preceptor for pediatric residents

2000 - present
Divisional Seminars / Journal Club, Clinical teaching and supervision of pediatric residents rotating through the Child Development Clinic

1999 Jan 01 - present

CONTINUING MEDICAL EDUCATION

Hanlon-Dearman, Ana Catarina de Bazenga

2007 Nov 19
Faculty Development Workshops, Teaching Pediatric Clinical Skills -- Cardiorespiratory Clinical Skills

2007 Oct 22
CME Lectures, “Treatment of Pediatric Sleep Disorders” for CDC Literature Rounds

2007 Aug 27
Faculty Development Workshops, Teaching Pediatric Clinical Skills -- Comprehensive Patient Assessments

TEACHING INNOVATIONS & CURRICULUM DEVELOPMENT

Moddemann, Diane Marie

2007
Medical Teaching, With the other members of the Nucleus committee of Developmental Pediatrics – developed and wrote the following: Specialty Training Requirements Document for Developmental Pediatrics

2007
Medical Teaching, With the other members of the Nucleus committee of Developmental Pediatrics – developed and wrote the following: FITER - Developmental Pediatrics

2007
Medical Teaching, With the other members of the Nucleus committee of Developmental Pediatrics – developed and wrote the following: Draft Resources Document for Developmental Pediatrics

2006 - 2007
Medical Teaching, Development of the Pediatric Undergraduate Medical Education Curriculum, Clerkship Curriculum, Curriculum for Remedial Students

2006 - 2007
Medical Teaching, Development of OSCE examination stations

STUDENT SUPERVISION

Longstaffe, Sally Elizabeth Anne

2006 - 2008
Dr Tannis Wiebe, Developmental Fellow, Supervisory Role: Primary Supervisor
Child Protection Centre

Medical Staff (2006-2007)

Director
Charles Anderson Ferguson, BA, MD, CRCPC
Associate Director
Deborah Ann Lindsay, MD, LMCC, FRCP, Grad. Cert. in Sports Medicine (Au)
Clinical Psychologist
Leonard Greenwood

Section Staff (2006-2007)

Social Work Manager
Patricia Zacharias
Child Protection Specialist
Karole Ducharme
Child Protection Specialist
Joyce Fernandes
Child Behavioural Specialist
Liza Russell
Secretary (psychosocial)
Brandi Sawka
Child Protection Specialist
Barb Temmerman
Secretary (medical)
Debbie Lane
Social Worker
Lisa Vokri
Nurse Clinician
Barb Warren
Child Protection Specialist
Noel Larocque
Administrative Assistant
Gail Mucha
Social Worker
Sharon Wazney-Prendergast

STATISTICS

Statistical information regarding child abuse is available from the Child Protection Centre on request.

1. PATIENT SERVICES

Medical:

- Outpatients 568
- Child Development Clinic 78
- Ward Consults 73

Psychology:

Contacts

- Interviews (clients) 117
- Interviews (collaterals) 71

Assessments

- Psychological Assessments completed 22
- Contracted Psychological Assessments Completed 8
- Psychological Assessments cancelled 10
- Psychological Referrals not accepted 21

Social Work:

Contacts 628

(This Contacts figure represents patient contact in CPC Clinics and on the wards, and includes work done in the course of completing parental capacity assessments such as interviews with the children and adult caregivers being assessed and observations of parent-child interactions.)
Assessments

- Parental Capacity Assessments completed 11
- Parental Capacity Assessments cancelled 24
- Parental Capacity Assessment
  Referrals not accepted 3

Psychosocial Intake Reviews:

- Psychosocial Intake Cases reviewed 38

Child Behavioural Specialist:

Contacts 257

(This Contacts figure represents patient contact in CPC Clinics and in play sessions such as post-disclosure play sessions.)

RESEARCH ACTIVITIES

PRESENTATIONS

Ferguson, Charles Anderson

2007 Mar 06 Child Protection. Child Guidance Clinic, Winnipeg School Division. Winnipeg, Manitoba, Canada
2007 Feb 07 Wrongful Prosecutions? University of Manitoba Faculty of Law. Winnipeg, Manitoba, Canada
2006 Nov 24 The Wrongly Accused. University of Manitoba Faculty of Law. Winnipeg, Manitoba, Canada
2006 Nov 17 Interpreters’ Course. Red River College. Winnipeg, Manitoba, Canada
2006 Oct 19 Investigative Training Course. Royal Canadian Mounted Police “D” Division. Winnipeg, Manitoba, Canada
2006 Oct 11 Maltreatment of Children. Child and Family Services of Western Manitoba. Brandon, Manitoba, Canada
2006 Aug 09 Physical Maltreatment. Foreign medical graduates. Winnipeg, Manitoba, Canada
2006 May 02 Identifying Child Abuse. Southeast Child and Family Services. Winnipeg, Manitoba, Canada
2006 Mar 22 Identifying Child Abuse. Metis Child and Family Services. Winnipeg, Manitoba, Canada
2006 Jan 27 Child Protection. University of Manitoba Faculty of Arts (Psychology). Winnipeg, Manitoba, Canada

TEACHING ACTIVITIES

In-House Teaching:

Trainees:

Number of pediatric resident rotations 7
Number of Emergency Room fellow rotations 1
Number of Community Medicine resident rotations 1
Number of undergraduate selective rotations 4
Number of psychology interns 3
Number of social work practicum students 2

In-House Teaching

a) Number of Medical Trainees Resident/Undergraduate

Lectures by:

Medicine 15
Nursing 4
Psychology 5

b) Number of pediatric resident/undergraduate trainee teaching hours (during rotations at
Number of Other In-house Student/Staff Lectures:

- Number of nursing student/staff lectures (by nursing): 4
- Number of psychology student/staff lectures (by psych): 2
- Number of psychology student lectures (by medicine): 1

### Community Teaching:

#### Number of Community Based Teaching Contacts:

- By Medicine: 7
- By Nursing: 6
- By Social Work: 7
- By Child Behavioural Specialist: 5
- By Psychology: 1

Highlights of community based teaching in 2005/06:

- **Metis Child, Family and Community Services**

  Five two-hour training sessions were provided by special arrangement of the agency for frontline staff. Session topics included Identifying Physical Abuse; Detecting Sexual Abuse; Communicating with Children; Assessing Parental Capacity and Sexual Behaviours in Children and Adolescent Children.

  Each session was attended by approximately twelve employees of Metis Child, Family and Community Services. Presenters were Child Protection Centre pediatricians, social work and a child behavioural specialist.

- **Telehealth Training Session**

  One two-hour Telehealth training session was provided on Identifying Child Abuse connecting five remote health and social service units in Nunavut. Presenters were a pediatrician and a social worker. Approximately thirty medical and social work staff were in the audience.

- **CPC Program Orientation Workshop**

  A Child Protection Centre program orientation half-day session was held for Child and Family Services staff on February 23, 2006 and presentations were made by various CPC disciplines. The orientation was intended for new CFS staff but was attended by some experienced workers as well. Its purpose was to familiarize the audience of approximately fifty front line and management staff with CPC's clinic for sexual abuse.

The types of community based teaching requested of the Child Protection Centre vary from year to year but may include the following groups:

- Winnipeg Child and Family Services
- Winnipeg Police Service
- Royal Canadian Mounted Police
- Continuing Medical Education (medicine)
- Hospital staff (other than HSC)
- General public education (radio/T.V.)
- University student education (faculties of Social Work, Law, Nursing, Education, Human Ecology)
Dermatology

Medical Staff (2006-2007)
Section Head
Jill Keddy-Grant, B.Sc., MD, FRCPC
H. Eileen Murray MD., FRCPC.
Rochelle Van De Velde MD., CCFP, FRCPC
Philippa E. Kellen MBBCh., FF Derm (SA), FRCPC

Section Staff (2006-2007)
Clinic Nurse
Sheila Kroeker

CLINICAL ACTIVITIES
A pediatric dermatology clinic is held each Monday morning. Patients with all types of skin disease are seen including common and benign, chronic and severe, congenital and genetic and those associated with systemic disease. Long term follow up for chronic diseases is provided.

<table>
<thead>
<tr>
<th>Year</th>
<th>Consultations</th>
<th>Return Visits</th>
<th>Total Patient Visits</th>
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</thead>
<tbody>
<tr>
<td>2006</td>
<td>385</td>
<td>241</td>
<td>626</td>
</tr>
<tr>
<td>2007</td>
<td>265</td>
<td>237</td>
<td>502</td>
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</tbody>
</table>

RESEARCH ACTIVITIES

GRANTS

Industry Grant - Research

2007
Keddy-Grant, Jill Co-Investigator
Source: Novartis
A Randomized, Double-Blind, Vehicle-Controlled, Multi-Centre, Parallel Group Study, to Assess the efficacy, safety, and tolerability of Topical Terbinafine Hydrogen Chloride (HCl) formulation for 24 or 48 weeks of treatment in patients with mild to moderate toenail onychomycosis.

2007
Keddy-Grant, Jill Co-Investigator
Source: Galderma Canada
A Multi-Centre, Randomized, Double-Blind, Parallel-Group Study, to demonstrate the efficacy and safety of adapalene/benzoyl peroxide topical gel compared with adapalene topical gel 0.1%; benzoyl peroxide topical gel, 2.5% and topical gel vehicle in subjects with acne vulgaris.

2006 - present
Keddy-Grant, Jill Co-Investigator
Source: Amgen Canada Inc (Mississauga, ON)
Observational Post-Marketing Study Safety Surveillance Registry of Enbrel (Etanercept) for the Treatment of Psoriasis

2006
Keddy-Grant, Jill Co-Investigator
Source: Amgen Canada Inc (Mississauga, ON)
Canadian assessment of patient outcomes and effectiveness of Enbrel in psoriasis.
PRESENTATIONS

Oral Presentation - Abstract - Research

Keddy-Grant, Jill

2007 May “Common Problems in Pediatric Dermatology”. Continuing Medical Education for Rural Physicians (Flin Flon and The Pas). University of Manitoba - MBTelehealth. Winnipeg, Manitoba, Canada

PUBLICATIONS

Articles in Journals (Non-Refereed) - Research

Keddy-Grant, Jill

2006 Keddy-Grant J. "Canadian Dermatology Association Patient Presentation Booklet". Published. Role: Co-Author

TEACHING ACTIVITIES

Members of pediatric dermatology are involved in the undergraduate teaching of dermatology. Drs Keddy-Grant, Van De Velde and Murray taught small group sessions on how to do a skin exam. Dr. Keddy-Grant also lectured on Acne and Related Conditions and Dr. Van De Velde lectured on Disorders of Hair, Nails and Pigment. Medical students are also given clinical exposure to skin diseases in our pediatric dermatology clinic. Most students attend one or two clinics. Educational materials have been developed and are handed out to every student that attends our clinic.

Pediatric residents are given two Academic Half Day sessions a year by the pediatric dermatologists. In 2006 Dr. Murray discussed alopecia and Dr. Van De Velde discussed vascular abnormalities. In 2007 Dr. Keddy-Grant discussed acne vulgaris and cutaneous infections. The pediatric residents are welcome to attend our Monday morning clinic but in 2006 Dr. Murray held a second clinic on Tuesday morning that was for the pediatric residents only. Following the clinic Dr. Murray would do ward rounds with the residents who were asked to find a case to discuss. Dr. Murray would also hold teaching sessions for the residents on Monday mornings at noon until she retired in the summer of 2006. In 2007 Dr. Keddy-Grant started teaching sessions for the pediatric residents on the third Monday of each month at noon. Topics included: The differential diagnosis of brown lesions, acne vulgaris, eczema, psoriasis, congenital lesions, the differential diagnosis of red scaly plaques and some interesting cases.

The dermatology department has an annual Arthur Birt Memorial Lecture given at Grand Rounds at the Children's Hospital. In Dec. 2006, Dr. Alfons Krol spoke on “Atopic Dermatitis From the Unknown to the Known”. In Dec. 2007, Dr. Jonathan Alder Dyer from Missouri spoke on “Mosaicism and Cutaneous Disease”.

UNDERGRADUATE TEACHING

Keddy-Grant, Jill

2001 Mar 01 - 2007 Mar 01 Lectures (excl prep time), Second-year, Lecture on "Acne and Related Conditions" to second-year medical students at the University of Manitoba yearly from 2001 - 2007

2001 Feb 01 - 2007 Apr 01 Physical Skills Development Tutor, Second Year, Taught 4 sessions yearly on clinical skills in dermatology to second year medical students at the University of Manitoba.
Keddy-Grant, Jill

2007 Jan 01 - present Fellow - Teaching, Taught monthly sessions on various dermatologic topics to the pediatric residents of the University of Manitoba.


Emergency

Medical Staff (2006-2007)

Emergency Physicians

Section Head
Milton Tenenbein, MD., FRCPC, FAAP, FAACT, FACMT
Ardriana Condello, MD, FRCPC  *joined 2008
Elisabete Doyle, BSc, MD.
Fiona Lesley Fleming MD., FRCPC
Amin Mohamed Kabani, MD, FRCP(C), FAAP
Murray Samuel Kesselman, MD, FRCPC, LMCC
Matthew Lazar, MD., FRCPC
Bryan David Magwood, MD, FRCPC
Marilyn Raizen, MD, FRCPC
Tracy Sharon Ridley, BSc, MD., FRCPC
Scott Kenneth Sawyer, M.D., FRCPC
Norman A. Silver, MD., FRCPC
Gerald David Georges Brennan, MD., BSc, FRCPC
Darcy Beer, MD, FRCPC  *joined 2008
Jennifer Teskey, MD
Lynne Janet Warda, BASc, MD, PhD
Susan Mary Webb, BSc, MD., FRCPC
Grant Yung, MD., FRCPC

Section Staff (2006-2007)

Pediatric Emergency

Patient Care Manager Ray Sanchez
Poison Control Centre
Director Milton Tenenbein
Administrative Assistant Arva Kalynuk

HONOURS & AWARDS

Tenenbein, Milton

2007 AACT Career Award: Career Achievement Award, American Academy of Clinical Toxicology
## RESEARCH ACTIVITIES

### GRANTS

#### Operating Grants - Research

**2003 Jan - present**  
**Sawyer, Scott Kenneth**  
Principal Investigator  
**Early Literacy Intervention in Children’s Hospital Neonatal Clinic - Pilot**

#### Research Operating Funds - Research

**2007**  
**Warda, Lynne Janet**  
Principal Investigator  
**Source**: MICH  
**Total Amount**: $40,245  
**Child Injury: The Role of Family Supervision**

**2007**  
**Warda, Lynne Janet**  
Principal Investigator  
**Source**: Canadian Hospitals Injury Reporting and Prevention Program  
**Total Amount**: $4,000  
**Off-Road Vehicle Injury in Manitoba; Assessment of the potential Impact of Legislating Minimum Rider Age**

**2007**  
**Warda, Lynne Janet**  
Principal Investigator  
**Source**: Public Health Agency of Canada  
**Total Amount**: $5,300  
**Development of an Electronic Framework for Managing Strategic Documents Pertaining to Injury Prevention and Control**

**2007**  
**Warda, Lynne Janet**  
Principal Investigator  
**Source**: Transport Canada  
**Total Amount**: $65,000  
**First Nations Car Seat Demonstration Study**

**2007**  
**Warda, Lynne Janet**  
Principal Investigator  
**Source**: Public Health Agency of Canada  
**Total Amount**: $5,000  
**Canadian Paediatric Surveillance Program: Magnetic Toy Ingestion**

**2006**  
**Warda, Lynne Janet**  
Principal Investigator  
**Source**: Manitoba Institute of Child Health, Small Grants Program  
**Total Amount**: $1,600  
**Predictors of Failure of Non-Operative Management of Pediatric Liver and Spleen Injuries**

**2006**  
**Warda, Lynne Janet**  
Principal Investigator  
**Source**: Manitoba Health  
**Total Amount**: $15,000  
**Helmets On Wheels: Assessing Helmet Use and the Impact of Low Cost Helmet Distribution in Schools**

**2006**  
**Warda, Lynne Janet**  
Principal Investigator  
**Source**: Canadian Hospitals Injury Reporting and Prevention Program  
**Total Amount**: $4,000  
**Childhood Falls in Manitoba: An Assessment of Injury Severity and Fall Events by Age Group**

**2006**  
**Warda, Lynne Janet**  
Co-Principal Investigator  
**Source**: CIHR  
**Total Amount**: $98,700  
**Canadian Injury Indicators Development Team: Children & Youth**
Salary/Stipend - Education

2007  Warda, Lynne Janet  Principal Investigator

Source: MICH (Summer Student Stipend)  Total Amount: $4,500
Development and Pilot Testing of a PDA-Based Risk Indicator Survey

2007  Warda, Lynne Janet  Principal Investigator

Source: BSc (Med) Stipend  Total Amount: $4,000
Injuries in School-aged Children: Exploring the Nature of Supervision During Injury Events

PRESENTATIONS

Invited Presentation - Research

Warda, Lynne Janet


2007 Oct 26  Warda L. Childhood Falls. Manitoba Falls Prevention Network Meeting. Winnipeg, Manitoba, Canada


2006 Nov 16  Warda L, Briggs G. Development and Validation of a Safety Health Research Audit for Pediatric Health Care Facilities. 2nd Annual Child Day, Manitoba Institute of Child Health. Winnipeg, Manitoba, Canada


2006 Jun 11  Briggs G, Warda L, Beckles J, Coté D. Providing Child Restraint Directives at Hospital Discharge:
Transferring Knowledge Regarding Best Practices. Canadian Multidisciplinary Road Safety Conference. Winnipeg, Manitoba, Canada


2006 Apr 29 Warda L, Briggs G. Development and Validation of a Safety Audit for Pediatric Health Care Facilities. Pediatric Academic Societies Annual Meeting. San Francisco, California, United States

2006 Apr 29 Warda L, Briggs G, Feely S. Do Parents Adhere to the AAP Within Arms’ Reach Guideline at Public Waterfronts? Pediatric Academic Societies Annual Meeting. San Francisco, California, United States


2006 Mar 09 Briggs G, Warda L, Feely S. Parent and Caregiver Levels of Child Supervision and Attention to Signage at Beach Areas: An Observation and Interview Study. Meeting of the Manitoba Coalition for Safer Waters. Winnipeg, Manitoba, Canada


Poster Presentation - Research

Brennan, Gerald David Georges


Warda, Lynne Janet


PUBLICATIONS

Articles in Journals (Refereed) - Research

Tenenbein, Milton

2006 LeBlanc JC, Pless IB, King WJ, Bawden H, Bernard-Bonnin AC, Klassen T, Tenenbein M. Home safety
measures and the risk of unintentional injury among young children: a multi-centre case-control study. 
Canad Med Assoc J 2006;175:883-887. Published. Role: Co-Author

Abstracts - Research

Tenenbein, Milton


Books & Monographs - Authored - Education

Warda, Lynne Janet


Reports - Research

Warda, Lynne Janet


2006 Mar Warda L. Childhood Falls in Manitoba: An Assessment of Injury Severity and Fall Events by Age Group. Prepared for the Canadian Hospitals Injury Reporting and Prevention Program, 18 pages. Published. Role: Primary/Senior Author

TEACHING ACTIVITIES

POSTGRADUATE TEACHING

Tenenbein, Milton

2006 Feb 09 Grand Rounds, "Inhalant Abuse: A World-Wide Epidemic"

Warda, Lynne Janet


STUDENT SUPERVISION

Warda, Lynne Janet

2007 - 2008 S. Nap, BSc (Med), Injuries in School-aged Children: Exploring the Nature of Supervision During Injury Events, University of Manitoba, Supervisory Role: Primary Supervisor

2007 - 2008 A. Madison, Pediatric Resident, Poisoning Hospitalization, University of Manitoba, Supervisory Role: Primary Supervisor

2007 - 2008 J. Bird, Pediatric Resident, Canadian Paediatric Surveillance Program Survey: Magnetic
Endocrinology and Metabolism

**Medical Staff (2006-2007)**

**Section Head**
- Elizabeth Ann Cameron Sellers, BSc(Hon), MSc, MD, FRCPC
- Heather Jean Dean, MD, FRCPC
- Shayne Philip Taback, MD, BSc(Med), FRCPC

**Clinical Associate**
- Janet Grabowski, MD, FRCPC

**Section Staff (2006-2007)**

- **Dietitian Educator**
  - Nicole Aylward
- **Dietitian Educator**
  - Norma Van Walleghem
- **Nurse Educator**
  - Julie Dexter
- **Nurse Educator**
  - Dawn Zawadski
- **Social Worker**
  - Denise Blyde
- **Nurse Clinician (Endocrinology)**
  - Nicole Kirouac
- **Nurse Clinician (Endocrinology)**
  - Joanne Brown
- **Special Projects Co-ordinator**
  - Pat Bobko
- **Diabetes Secretary**
  - Rowena Padua
- **Maestro Project Co-ordinator**
  - Catherine MacDonald
- **Unit Assistant**
  - Mary Stove
- **Endocrinology Secretary**
  - Maddalena Canosa

**HONOURS & AWARDS**

**Dean, Heather Jean**

- **2007 Jan - 2007 Dec**
  - Alberta Heritage Foundation for Medical Research, Population Health Investigator

**Taback, Shayne Philip**

- **2003 - 2006**
  - Clinical Research Professorship in Population Health, Manitoba Medical Service Foundation

**RESEARCH ACTIVITIES**

**GRANTS**

**Clinical Trial - Research**

- **2007 Sep - 2010 Aug**
  - Dean, Heather Jean
  - Co-Investigator
ANNUAL REPORT: 2006 and 2007  

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<tr>
<td>CIHR</td>
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<tr>
<td>Healthy Hearts Alberta: A School-Based Prospective Cohort Study of Physical Activity Patterns and the Risk for Being Overweight in Children</td>
<td></td>
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</table>

2007 Jan - 2008 Dec: **Dean, Heather Jean** (Co-Investigator)  
Source: CIHR ACADRE Knowledge Translation Grant  
Total Amount: $50,000  
A Physical Activity Centre in a Rural First Nations Community  

<table>
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<th>Source</th>
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<tbody>
<tr>
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<tr>
<td>Prevention of Obesity and Diabetes in Women and Children in First Nation Communities Through Exercise and Dietary Education During and After Pregnancy</td>
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</tbody>
</table>

2006 Jan - 2009 Dec: **Dean, Heather Jean** (Co-Investigator)  
Source: CIHR  
Total Amount: $150,000  
Cardiorespiratory Fitness, Muscle Steatosis and Insulin Resistance in Adolescents with Type 2 Diabetes  

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<td>Lawson Foundation</td>
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<tr>
<td>Environmental Approaches to Physical Activity, Healthy Eating and Healthy Body Weight: Planning and Development Grant. Impact of Diet and Exercise on outcomes of Maternal Obesity. IDEA Study Group</td>
<td></td>
</tr>
</tbody>
</table>

2006 - 2009: **Dean, Heather Jean** (Co-Investigator)  
Source: Canadian Institutes of Health Research  
Total Amount: $239,190  
Prevention of Obesity and Diabetes in Women and Children in First Nation Communities Through Exercise and Dietary Education During and After Pregnancy  

2006 - 2008: **Dean, Heather Jean** (Co-Investigator)  
Source: The Lawson Foundation  
Total Amount: $100,000  
Impact of an Urban Community-Based Obesity and Diabetes Prevention Program in Socio-Economically Disadvantaged Women  

<table>
<thead>
<tr>
<th>Source</th>
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<td>Canadian Diabetes Association</td>
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<tr>
<td>National Surveillance of Non-type 1 Diabetes in Canadian Youth</td>
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</tbody>
</table>

2006 - 2007: **Dean, Heather Jean** (Principal Investigator)  
Source: Hospital for Sick Children - Endocrinology  
Total Amount: $10,000  
National Surveillance for Non-type 1 Diabetes Mellitus in Canadian Children  

2006 - 2007: **Dean, Heather Jean** (Principal Investigator)  
Source: Manitoba Institute of Child Health  
Total Amount: $5,000  
National Surveillance for Non-type 1 Diabetes Mellitus in Canadian Children  

<table>
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<tr>
<td>Prevention of Obesity and Diabetes in Women and Children in First Nation Communities Through Exercise and Dietary Education During and After Pregnancy</td>
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<td><strong>2005 Dec - 2010 Mar</strong></td>
<td><strong>Dean, Heather Jean</strong></td>
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<td><strong>The Canadian Obesity Network - Reseau canadien en l'obesite (CON-RCO)</strong></td>
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<table>
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<tr>
<th><strong>2006 - 2009</strong></th>
<th><strong>Sellers, Elizabeth Ann Cameron</strong></th>
<th>Co-Investigator</th>
<th>Source: Canadian Diabetes Association</th>
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<td><strong>National Surveillance of Non-type 1 Diabetes in Canadian Youth</strong></td>
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<td><strong>The Great Ice Project. Adolescent Females, Obesity and Asthma: An Inflammatory State.</strong></td>
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**Education Research - Education**

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### Operating Grants - Research

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<td>2005 Jul - 2007 Jul</td>
<td>Taback, Shayne Philip</td>
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Source: Canadian Diabetes Association
Pilot Trial of Vitamin D for the Prevention of Type 1 Diabetes.
Total Amount: $75,000

2004 Jul - 2006 Jun Taback, Shayne Philip
Co-Investigator
Source: Canadian Diabetes Association
The Next Generation: Children at Risk for Type 2 Diabetes Mellitus.

2003 Jul - 2009 Jun Taback, Shayne Philip
Co-Investigator
Source: CIHR
Steroid-induced Osteoporosis in the Pediatric Population—Canadian Incidence Study.
Total Amount: $3,100,000

2001 Dec - 2010 Nov Taback, Shayne Philip
Site Investigator
Source: CIHR
Canadian Component of the Trial to Reduce IDDM in the Genetically at Risk (TRIGR).
Total Amount: $10,000,000

PRESENTATIONS

Invited Presentation - Research

Dean, Heather Jean

2007 Dec 07 Children Are Not Little Adults - Even If They Weight 60 kg. University of Manitoba, Continuing Medical
Education for Family Physicians. Winnipeg, MB
(CAPHC). Montreal, QC
2007 Jun Listen to Kookum: Type 2 Diabetes in Children. Canadian Society for Clinical Nutrition. Winnipeg, MB
2007 Mar 20 The Intergenerational Effect of Type 2 Diabetes. First Nation and Inuit Health - Atlantic Region. Moncton,
NB
2007 Feb 09 Young Adults with Type 2 Diabetes. Diabetes Educator Network. Winnipeg, MB
2006 Nov 29 Kookum's Role in Preventing Type 2 Diabetes in Children. Manitoba First Nations Diabetes Committee.
Winnipeg, MB
2006 Oct 05 Type 2 Diabetes in Children. Childhood and Adolescent Obesity 2006. Vancouver, BC
2006 Sep 29 Is It Type 2 Diabetes or MODY in Children? Canadian College of Medical Genetics. Winnipeg, MB
2006 May 29 Type 2 Diabetes in Children. Canadian Society for Medical Laboratory Science (2006 Congress). Winnipeg,
MB
2006 May 15 Emerging Trends in Type 1 and Type 2 Diabetes in Children in Canada. Canadian Life Insurance Medical
Officer Association (annual scientific meeting). Winnipeg, MB
2006 Apr 18 Care of Children is a Passion for Live. Children's Hospital Foundation. Winnipeg, MB
2006 Feb 22 Children Have Diabetes Too. Get to Know your University Speaker Series. Office of the Vice-President
(Research), University of Manitoba. Winnipeg, MB
2006 Feb 09 Obesity, Metabolic Syndrome and Type 2 Diabetes in Children. CME Workshop. Morden, MB
2006 Jan 12 Diabetes in Children. Chown Guild, Children's Hospital of Winnipeg. Winnipeg, MB

Sellers, Elizabeth Ann Cameron

2007 Jun 18 Type 2 Diabetes in Canadian First Nation Youth. Menzies School of Health Research. Darwin, Australia
Conference Presentation (Refereed) - Research

Dean, Heather Jean

2006 Apr 24 Obesity, Metabolic Syndrome and Type 2 Diabetes in Aboriginal Children. University of Saskatchewan. Saskatoon, SK

Sellers, Elizabeth Ann Cameron

2007 Apr 23 Type 2 Diabetes in Canadian First Nation Youth. Association of Northern Territory Diabetes Educators, annual meeting. Darwin, Australia
2006 Mar 15 Type 2 Diabetes in Aboriginal Children and Youth. Aboriginal Peoples Workshop on Type 2 Diabetes, 5th annual congress. Ottawa, ON
2006 Jan 19 Type 2 Diabetes in First Nation Youth. Norway House Cree Nation, Diabetes Conference. Norway House, MB

Grand Rounds - Education

Taback, Shayne Philip

2007 May 10 Taback SP. Vitamin D: Can It Prevent Type 1 Diabetes and Everything Else That is Bad? University of Manitoba. Winnipeg, Manitoba, Canada

Continuing Medical Education - Education

Sellers, Elizabeth Ann Cameron

2007 Nov 16 An Approach to Growth Abnormalities in Children. Family Physicians. Winnipeg, Manitoba, Canada

Conference Presentation (Non-Refereed) - Research

Dean, Heather Jean

2007 Feb 21 Update on Type 2 Diabetes in First Nation Children. Manitoba First Nations Diabetes Committee. Winnipeg, Manitoba, Canada

PUBLICATIONS

Articles in Journals (Refereed) - Research

Dean, Heather Jean

<table>
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<th>Year</th>
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<tr>
<td>2007 Nov</td>
<td>Sellers Elizabeth AC, Yung Grant, Dean Heather J.</td>
<td>Dyslipidemia and Other Cardiovascular Risk Factors in a Canadian First Nation Pediatric Population With Type 2 Diabetes Mellitus.</td>
<td>Pediatric Diabetes</td>
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<td>2007 Jul</td>
<td>Chuback J, Embil JM, Sellers E, Trepman E, Cheang M, Dean HJ.</td>
<td>Foot Abnormalities in Canadian Aboriginal Adolescents with Type 2 Diabetes.</td>
<td>Diabet Med</td>
<td>Co-Author</td>
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<td>2007 Jan</td>
<td>Pacaud D, Crawford S, Stephene DK, Dean HJ, Couch R, Dewey D.</td>
<td>Effect of Type 1 Diabetes on Psychosocial Maturation in Young Adults.</td>
<td>J Adolesc Health</td>
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<td>2007 Jan</td>
<td>Dean H, MacDonald C.</td>
<td>Caring for Young Adults with Diabetes (letter).</td>
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<td>2007</td>
<td>Pacaud D, Crawford S, Stephure DK, Dean HJ, Couch R, Dewey D.</td>
<td>Effective of Type 1 Diabetes on Psychosocial Maturation in Young Adults.</td>
<td>J Adolescent Health</td>
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<td>2007</td>
<td>Dean HJ, Bowman A.</td>
<td>Three Decades of Type 2 Diabetes in Children in Manitoba 1986-2006.</td>
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<td>2007</td>
<td>Rovet Joanne, Martin Victoria on behalf of the Canadian Growth Hormone Advisory Committee.</td>
<td>The Impact of Growth Hormone Supplementation on Psychosocial Functioning at Adult Height in Turner Syndrome: Results of the Canadian Randomized Trial.</td>
<td>J Clin Endocrinol Metab</td>
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<td>2006 Dec</td>
<td>Van Walleghem N, MacDonald CA, Dean HJ.</td>
<td>Building Connections for Young Adults with Type 1 Diabetes in Manitoba: Feasibility and Acceptability of a Transition Initiative.</td>
<td>Chronic Dis Can.</td>
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<td>2006</td>
<td>Dean HJ, Sellers E, Taback S.</td>
<td>What is the Role of Lifestyle Modification in PCOS in Adolescents? (letter).</td>
<td>Pediatrics and Child Health</td>
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**Sellers, Elizabeth Ann Cameron**

2007 | Chuback J, Embil JM, Sellers E, Trepman E, Cheang M, Dean H. | Foot Abnormalities in Canadian Aboriginal Adolescents with Type 2 Diabetes. | Diabetic Medicine | Co-Author |
| 2007 | McGavock J, Sellers E, Dean H. | Physical Activity for the Prevention and Management of Youth-Onset Type 2 diabetes Mellitus: focus on Cardiovascular Complications. | Diabetes Vasc Dis Res | Co-Author |
| 2007 | Sellers EAC, Yung G, Dean H. | Dyslipidemia and Other Cardiovascular Risk Factors in a Canadian First Nation Pediatric Population with type 2 Diabetes Mellitus. | Ped Diab | Primary/Senior Author |
| 2006 | Dean HJ, Sellers E, Taback S. | What is the Role of Lifestyle Modifications in PCOS in Adolescents? (letter). | Pediatric Child Health | Co-Author |

**Articles in Journals (Non-Refereed) - Research**

**Dean, Heather Jean**

2007 May | Amed S, Hamilton J, Dean HJ. | Non-Type 1 Diabetes Mellitus in Children in Canada. | CPSP Highlight. Pediatrics and Child Health May/June | Primary/Senior Author
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<td>Acute Hyperglycemic Emergencies in Children with Type 2 Diabetes</td>
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<td>12</td>
<td>43-44</td>
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<td>2006</td>
<td>Amed S, Hamilton J, Dean HJ</td>
<td>Unraveling Non-type 1 Diabetes Mellitus in Childhood</td>
<td>Canadian Pediatric Surveillance Program</td>
<td><a href="http://www.cps.ca/cpsp">www.cps.ca/cpsp</a></td>
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<td>2007</td>
<td>Dean HJ, Sellers EAC</td>
<td>Comorbidities and Microvascular Complications of Type 2 Diabetes in Children and Adolescents</td>
<td>Pediatr Diab</td>
<td>8(suppl 9)</td>
<td>35-41</td>
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<td>2006 Mar</td>
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**Abstracts - Research**

**Dean, Heather Jean**

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<tr>
<td>2006 Oct</td>
<td>Chuback J, Embil J, Trepman E, Sellers E, Dean H</td>
<td>Lower Extremity Complications (LECs) of Type 2 Diabetes (T2DM) in First Nations Youth</td>
<td>Canadian Journal of Diabetes</td>
<td>30</td>
<td>324</td>
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<td>2006 Jun</td>
<td>Chuback J, Embil J, Trepman E, Sellers E, Dean H</td>
<td>Lower Extremity Skin and Soft Tissue Infection and Complications Among First Nations Youth with Type 2 Diabetes</td>
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<td>2006 Jun</td>
<td>Stringer D, Sellers E, Dean HJ, Flett B, Taylor C</td>
<td>Elevated Oxidized Low Density Lipoprotein (oxLDL) and Reduced Plasma Adiponectin Concentrations in First Nations Youth with Obesity or Type 2 Diabetes</td>
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<td>2006</td>
<td>Van Walleghem NL, MacDonald CA, Rand CE, Dean HJ</td>
<td>Does an Administrative Model for Systems Navigation and Support During the Transition from Pediatric to Adult Diabetes Care Improve Diabetes Surveillance?</td>
<td>Can J Diab</td>
<td>30</td>
<td>299</td>
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<td>Chuback J, Embil J, Trepman E, Sellers E, Dean H</td>
<td>Lower Extremity Complications (LECs) of Type 2 Diabetes (T2DM) in First Nations Youth: The Manitoba Experience</td>
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<td>Sellers EAC, Dean H, Liem J, Kozyrskyj A, Becker A</td>
<td>Insulin Resistance and Airway Hyperresponsiveness in a Cohort of 10 Year Old Children</td>
<td>Can J Diab</td>
<td>30</td>
<td>341</td>
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<td>324</td>
<td>Co-Author</td>
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</table>

2007 Jul  Taback SP, Simons FER. Anaphylaxis and Vitamin D: A Role for the Sunshine Hormone? Journal of Allergy and Clinical Immunology 2007 Jul;120(1):128-130. Published. Role: Primary/Senior Author

2006 Jun  Wicklow B, Taback SP. Pilot Trial of 2000 IU Vitamin D3 Daily in Infancy to Prevent Type 1 Diabetes - Initial Biochemical Safety Data from the Diabetes-Vitamin D Study Group. Diabetes 55(Suppl 1); 1790P, 2006. Published. Role: Primary/Senior Author


2006  Wicklow B, Taback SP. Pharmacokinetic Results from Diabetes-Vitamin D Study Group. Role: Primary/Senior Author

Abstracts - Not Published - Research

Dean, Heather Jean


2007  Spence L, Dean HJ. The Next Generation Project: Detailed Early Growth Assessment of Offspring of Aboriginal Mothers with Pre-Pregnancy Type 2 Diabetes. Accepted / In Press. Role: Primary/Senior Author

2007  Amed S, Dean HJ, Hamilton J and the Non-Type 1 DM Study Team. Risk Factors for Type 2 Diabetes in Youth with Medical Induced Diabetes (MID). .. Accepted / In Press. Role: Co-Author

2007  Amed S, Dean HJ, Hamilton J and the Non-Type 1 DM Study Team. National Surveillance for Non-type 1 Diabetes in Canadian Children. .. Accepted / In Press. Role: Co-Author

2007  Spence L, Dean HJ. The Next Generation Project: Early Growth Assessment of Offspring of Aboriginal Mothers with Prepregnancy Type 2 Diabetes. Submitted. Role: Primary/Senior Author

2007  Amed S, Dean H, Hamilton J and the Non-type 1 DM Study Team. Risk Factors for Type 2 Diabetes in Youth with Medication Induced Diabetes. .. Submitted. Role: Co-Author

2007  Amed S, Dean H, Hamilton J and the Non-Type 1 DM Study Team. National Surveillance of Non-Type 2
<table>
<thead>
<tr>
<th>Year</th>
<th>Title</th>
<th>Authors</th>
<th>Journal/Source</th>
<th>Role</th>
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<tr>
<td>2007</td>
<td>Diabetes (NT1DM) in Canadian Children.</td>
<td>Van Walleghem N, MacDonald C, Rand C, Dean H.</td>
<td>Submitted.</td>
<td>Role: Co-Author</td>
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<td></td>
<td>Building Connections: The Maestro Project. Evaluation of an</td>
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<td>Administrative Model for Systems Navigation and Support During the</td>
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<td>Transition from Pediatric to Adult Diabetes Care.</td>
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<td></td>
<td>Wylie G, Diamant R, Murray R, Bruce S, Shen GX. Impact of an Urban</td>
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<td></td>
<td>Community-based Lifestyle Intervention Program on Physical Activity</td>
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<td></td>
<td>and Diet in Pregnant Women.</td>
<td></td>
<td>Accepted / In Press.</td>
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<tr>
<td>2007</td>
<td>Van Walleghem N, MacDonald C, Dean HJ. An Innovative Model for</td>
<td></td>
<td>Submitted.</td>
<td>Role: Primary/Senior</td>
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<td></td>
<td>Systems Navigation and Support During the Transition From Pediatric</td>
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<td>to Adult Diabetes Care.</td>
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<td>2007</td>
<td>Wittmeier K, Hamilton J, Carey S, Sellers E, Dean H,</td>
<td></td>
<td>Accepted / In Press.</td>
<td>Role: Co-Author</td>
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<td></td>
<td>Kriellaars D, Gardiner P, Macintosh A, McGavock J. Metabolic</td>
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<td>Risk Profile in Youth-Onset Type 2 Diabetes: A Pilot Study.</td>
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<td>2007</td>
<td>Carey S, Wittmeier K, Hamilton J, Sellers E, Dean H,</td>
<td></td>
<td>Accepted / In Press.</td>
<td>Role: Co-Author</td>
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<td></td>
<td>Kriellaars D, Gardiner P, Macintosh A, McGavock J. Cardiovascular</td>
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<td>2007</td>
<td>Dean HJ, Tu J. Clinical Databases and Quality Improvement.</td>
<td></td>
<td>Published.</td>
<td>Role: Primary/Senior</td>
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<td>2007</td>
<td>McGilvray B. How Do We Evaluate Scholarly Activity.</td>
<td></td>
<td>Published.</td>
<td>Role: Primary/Senior</td>
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<td>Canadian Journal of Diabetes 2007; 31:110-111.</td>
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<td>Author</td>
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<tr>
<td>2007</td>
<td>MacDonald N. Who is an Author in Medical Publishing?</td>
<td></td>
<td>Published.</td>
<td>Role: Primary/Senior</td>
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<td>2006</td>
<td>Dean HJ, Challis JRG. The Developmental Origins of Health and Disease:</td>
<td></td>
<td>Published.</td>
<td>Role: Primary/Senior</td>
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<td></td>
<td>Another Legacy from Your Grandmother.</td>
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<td>Author</td>
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<td>2006</td>
<td>Dean HJ, O'Hara K. Getting It Right: Building Respect Between</td>
<td></td>
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<td>Science Reporters and Scientists.</td>
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<td>2006</td>
<td>Dean HJ, Moffat M. The Cochrane Collaboration and Diabetes.</td>
<td></td>
<td>Published.</td>
<td>Role: Primary/Senior</td>
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<td>2006</td>
<td>Tait-Neufeld H, Marchessault G, Dean HJ. From Talk to Text: Balancing</td>
<td></td>
<td>Published.</td>
<td>Role: Primary/Senior</td>
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<td></td>
<td>Ethical and Aesthetic Considerations in Editing.</td>
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<td>Author</td>
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<td>2007</td>
<td>Sellers EAC. Obesity Canada Clinical Practice Guidelines.</td>
<td></td>
<td>Published.</td>
<td>Role: Primary/Senior</td>
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<td></td>
<td>CMAJ April 2007.</td>
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**Editorials**

**Dean, Heather Jean**

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<td>Clinical Databases and Quality Improvement.</td>
<td>Dean HJ, Tu J.</td>
<td>Can J Diabetes Vol 31 #4 350-351.</td>
<td>Published.</td>
<td>Role: Primary/Senior Author</td>
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<tr>
<td>2007</td>
<td>How Do We Evaluate Scholarly Activity.</td>
<td>Dean HJ, McGilvray B.</td>
<td>Can J Diabetes Vol 31 #3 196-197.</td>
<td>Published.</td>
<td>Role: Primary/Senior Author</td>
</tr>
<tr>
<td>2006</td>
<td>The Developmental Origins of Health and Disease: Another Legacy from</td>
<td>Dean HJ, Challis JRG.</td>
<td>Canadian Journal of Diabetes 30(1): 16-17, 2006</td>
<td>Published.</td>
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**Other Publications**

**Sellers, Elizabeth Ann Cameron**

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**Sellers, Elizabeth Ann Cameron**

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TEACHING ACTIVITIES

UNDERGRADUATE TEACHING

Dean, Heather Jean

1988 Jan 01 - 2006 Jan 01  Lectures (excl prep time), Block 4/med 2, Diabetes in Children 4-6 parents and their children with type 1 diabetes participate in this 2-hour tutorial
1983 Sep 01 - 2006 Sep 01  Lectures (excl prep time), Block 4 / Med II, Sexual Differentiation

Sellers, Elizabeth Ann Cameron

2006 Nov 27  Preceptor -Tutor, Block II, Med I, Children's Health Status
2006 Sep 01 - 2006 Nov 30  Preceptor -Tutor, Med III, Observed History and Physical
2006 Sep 29 - 2006 Sep 28  Preceptor -Tutor, Block IV, Med II, Diabetes in Children
2006 Sep 20  Lectures (excl prep time), Block IV, Med II, Type 1 Diabetes Mellitus - Part 2
2006 Sep 19  Lectures (excl prep time), Block IV, Med II, Type 1 Diabetes Mellitus - Part 1
2006 Aug 29  Lectures (excl prep time), Block IV, Med II, Growth and Puberty: Development and Disorders

Taback, Shayne Philip

2006 Sep 01 - 2006 Sep 30  Lectures (excl prep time), Med I, fall term, Introduction to Research Methods, Faculty of Medicine, University of Manitoba
2006 Sep 01 - 2006 Sep 30  Lectures (excl prep time), Med I, fall term, Evidence-Based Medicine
2006 Sep 01 - 2006 Sep 30  Lectures (excl prep time), Med I, fall term, Series of lectures, tutorials and assigned studies on evidence-based medicine
2006 Sep 01 - 2006 Sep 30  Lectures (excl prep time), Med I, fall term, Tutorial on Causation
2006 Sep 01 - 2006 Sep 30  Lectures (excl prep time), Med II, fall term, Growth and Puberty (tutorial)
2006 Jan 01  Preceptor -Tutor, Med II, Comprehensive Patient Assessment
2006 Jan 01  Preceptor -Tutor, Med III, Observed History and Physical

POSTGRADUATE TEACHING

Taback, Shayne Philip

2007 May 10  Grand Rounds, “Vitamin D: Can it prevent Type I Diabetes and everything else that is bad?”

GRADUATE TEACHING

Sellers, Elizabeth Ann Cameron

2006 Jan 01  Pediatric Residents Academic Half-Day, Graduate Seminar presenter
2006 Jan 01  Obstetrics & Gynecology Residents Academic Half Day, Graduate Seminar presenter

STUDENT SUPERVISION

Dean, Heather Jean

2007 Jun - 2007 Sep  Rebecca Coish, Summer Student, Hospital Admissions in Youth with Previously Diagnosed Type 1 and Type 2 Diabetes, University of Manitoba, Supervisory Role: Primary Supervisor
2007 May - 2007 Jun  Angela Bowman, Summer Student, Three Decades of Type 2 Diabetes in Children in...
Manitoba 1986-2006, Aberdeen University, Scotland, Supervisory Role: Primary Supervisor

2006 Jan - 2008 Apr
Louise Spence, Summer Student, Infant Growth Patterns in Offspring of Mothers with Pre-pregnancy, Supervisory Role: Primary Supervisor

2006 - present
Kristy Wittmaier, Ph.D., Gene-Environment Relationships and Metabolic Phenotyping of T2DM in Youth, University of Manitoba, Supervisory Role: Thesis Committee

2006
Robyn Tully, M.Sc., Physical Activity During Recess in Children, School of Medical Rehabilitation, Supervisory Role: Thesis Committee

2005 Jul - 2008 Sep
Shazhan Amed, M.Sc., National Surveillance for Non-Type 1 Diabetes Mellitus in Canadian Children, Toronto Hospital for Sick Children, Supervisory Role: Co-Supervisor

2005 Jan - 2006 Dec
Jennifer Chuback, B.Sc.(Med.), Lower Extremity Complications of Type 2 Diabetes in First Nation Youth in Manitoba, University of Manitoba, Supervisory Role: Co-Supervisor

Sellers, Elizabeth Ann Cameron

2005 - 2006
Melissa Gross, Residency, Vitamin D Deficiency in Bottle Fed Infants, Supervisory Role: Primary Supervisor

2005 - 2006
Elissa Abrams, Residency, Blastomycosis Presenting as Pituitary Dysfunction in a Child, Supervisory Role: Primary Supervisor

2005 - 2006
Jennifer Chuback, B.Sc.(Med.), Lower Extremity Complications of Type 2 Diabetes in First Nation Youth in Manitoba, Supervisory Role: Co-Supervisor

Taback, Shayne Philip

2003 Nov - present
Tanya Buors, Residency, Stress Hyperglycemia in Asthma, University of Manitoba, Supervisory Role: Primary Supervisor

2003 Jul - present
Brandy Wicklow, Residency, Vitamin D and the Prevention of Type 1 Diabetes, McGill University, Supervisory Role: Primary Supervisor

2001 Sep - present
Shazhan Amed, Residency, Newborn Screening for CAH, University of Toronto, Supervisory Role: Primary Supervisor

2001 - 2007
Norma Van Walleghem, M.Sc., Building Connections: The Maestro Project. Evaluation of a Community Resource for Young Adults with Type 1 Diabetes, Health Sciences Center, Supervisory Role: Thesis Committee

2000 May - present
Jennifer Webster, B.Sc.(Med.), Graves' Disease in Youth: From Genetics to Outcomes, Queen's University, Supervisory Role: Primary Supervisor

Faculty Development

Medical Staff (2006-2007)
Director Ming-Ka Chan, BSc, MD, FRCPC

Section Members (2006-2007)

Aaron Chiu
Ana Hanlon-Dearman
Adena Madison
Bill DeGroot
Betty Jean Hancock
Blair Seifert
Cheryl Rockman-Greenberg
Diane Modemann
Elissa Abrams
Elsie Hildes Ripstein

Fran Booth
Hans Pasterkamp
Heather Dean
Jared Bullard
Jayson Stoffman
Jeff Hyman
Jim Carson
Joanne Embree
Leigh Fraser-Roberts
Lindsay Long

Louise Giles
Lynne Warda
Margaret Morris
Maryanne Crockett
Milton Tenenbein
Ming-Ka Chan
Murray Kesselman
Nafisa Dharamsi
Nestor Cisneros
Patricia McCusker

Raquel Consunji-Araneta
Ruben Alvaro
Sally Longstaffe
Scott Sawyer
Shareef Mustapha
Shyamala Dakshinamurti
Suyin Lummin
Sylvia Kovnats
Tannis Wiebe
Tom Blydt-Hansen
Academic/Scholarly Aspects of the Program

- Pediatric Medical Education Interest Group (monthly)
  - Resident, fellow and faculty members (40 total members since Fall 2004)
  - Accredited group learning activity as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada
    - Evaluation
    - Educational Environment
    - One to One Teaching
    - Feedback
    - Clinical Teaching
    - Teaching a Skill

- Workshops and Seminars in collaboration with the Office of Educational Development
  - CanMeds Workshop - Communicator Role
  - CanMeds Workshop - Teaching and Evaluating the Collaborator Competence

Director Committee Involvement (2002 onwards)

- Department of Pediatrics & Child Health Committees
  - Executive and Planning Committee
  - Education Coordinating Committee

- National Committees
  - Royal College Pediatrics Subcommittee-Nucleus Member (Area 2 Representative)
  - Royal College Pediatrics OSCE Exam Committee Member and Examiner

Contact information

Program Administrative Assistant: Melissa Fehr
Address: 518B JBRC, 715 McDermot Ave, Winnipeg MB R3E 3P4
Phone: (204) 789-3392   Fax: (204) 975-7758

Email: mdfehr@exchange.hsc.mb.ca

Gastroenterology

Medical Staff (2006-2007)
Section Head
- Stanley Phillip Moroz, MD, Bsc, FRCP(C)
- Pushpa Sathya, MD, MSc, BSc, FRCPC, LMCC, FAAP

Section Staff (2006-2007)
GI Nurse Clinician
- Wendy Mandziuk
Pediatric GI Secretary
- Natalie Meyer
TEACHING ACTIVITIES

POSTGRADUATE TEACHING

Moroz, Stanley Phillip

2007 May 17  Grand Rounds, “Epidemiology of Pediatric IBD, Winnipeg Children's Hospital 1987-2002”

Sathya, Pushpa

2007 Apr 05  Grand Rounds

CONTINUING MEDICAL EDUCATION

Moroz, Stanley Phillip

1975 - 2006  CME Lectures, Several local CME presentations to urban and rural family physicians on common problems in Pediatrics Gastroenterology, 1975 to present.

Genetics & Metabolism

Medical Staff (2006-2007)

Section Head and Medical Director

Albert Chudley MD, FRCPC, FCCMG
Cheryl R. Greenberg MD, CM, FRCPC, FCCMG
Aziz Mhanni MBCH, FRCPC, FCCMG, FACMG, PhD
Alison Elliott, PhD

Post-Graduate Medical Education Director

Bernie Chodirker MD, FRCPC, FCCMG
Sandra Marles MD, MSc, FRCPC, FCCMG

Professor Emeritus

James C. Haworth, MD

Cross-Appointed Members

Angie Dawson  Cytogenetics Laboratory
Barbara Triggs-Raine  Biochemistry & Medical Genetics
Beth Spriggs  Molecular Diagnostic Laboratory
Lorne Sargeant  Metabolic Laboratory
Jane Evans  Biochemistry & Medical Genetics
Klaus Wrogemann  Biochemistry & Medical Genetics
Louise Simard  Biochemistry & Medical Genetics
Rena Ray  Cytogenetics / Molecular Diagnostic Laboratories

Section Staff (2006-2007)

Office Staff

Cheryl McLean  Jacqueline Alfonso
Cathy Murphy  Mary Baird
Cheryle Lafrenais  May Ann Alcaraz
Evelyn Lucha  Terri Ruhl

Genetic Counsellors

Judy Saltel-Olson  Karen MacDonald
Kim Serfas  Linda Carter
Patricia Bocangel  Shannon Chin

Genetic Counselling Assistants

Tatum Anderson  Scarlett Drescher
HONOURS & AWARDS

Chudley, Albert Edward

2006 HSC Medical Staffperson of the Year Award, Health Sciences Centre

RESEARCH ACTIVITIES

GRANTS

Operating Grants - Research

2007 Nov - 2009 Sep  Chudley, Albert Edward  Collaborator
Source: ABMRF The Foundation For Attention Research
Stop, Look and Remember—Neuroimaging Cognitive Function in Children with ARND and ADHD.
Total Amount: $50,000

2007 Nov - 2008 Sep  Chudley, Albert Edward  Principal Investigator
Source: Child and Family research Institute (Formerly BC Institute for Children and Women’s Health)
Normal Distribution of Palpebral Fissure Lengths in Canadian School Age Children
Total Amount: $40,390

2006  Chudley, Albert Edward  Collaborator
Source: Government of NunavutNational Alliance for Autism Research (NAAR) Biomedical Research
Identification of Endophenotypes associated with the Autism Spectrum Disorders
Total Amount: $120,000

2005 May - 2006 May  Chudley, Albert Edward  Collaborator
Source: BSc. Med program. Manitoba Institute of Child Health
A comparison of 3 methods of measurement of palpebral fissure lengths in the diagnosis of FASD.
Total Amount: $9,000

2004 Jul - 2006 Jun  Chudley, Albert Edward  Co-Investigator
Source: Manitoba Institute of Child Health Grant
Identification of the gene causing Chudley-McCullough syndrome
Total Amount: $45,000

2004 Jan - 2006 Dec  Chudley, Albert Edward  Co-Investigator
Source: Manitoba Institute of Child Health Grant
Clinical, epidemiological and numerical approaches to complex patterns of skeletal malformations.
Total Amount: $38,000

2003 Apr - 2009 Mar  Chudley, Albert Edward  Co-Investigator
Source: CIHR Strategic Training Program Grant
Transdisciplinary Inter-Institute Training Program in Autism Spectrum Disorders.
Total Amount: $1,440,000

2001 Jan - 2006 Dec  Chudley, Albert Edward  Co-Investigator
Source: CHRI
Unravelling the Mystery of Autism: From Genotyping and phenotyping to early identification and prevention. Institute of Health Research Technology (IHRT)—Canadian Institute of Health Research (CIHR)
Total Amount: $4,270,000

2005 Jun - 2006 Feb  Marles, Sandra Louise  Co-Investigator
A Comparison of Three Methods for Measurement of Palpebral Fissure Lengths
ANNUAL REPORT: 2006 and 2007

Rockman-Greenberg, Cheryl

Mapping the Gene Locus Causing Bowen-Conradi Syndrome (BCS)

Source: CIHR
Total Amount: $109,321

Mapping the Gene Locus for Bowen-Conradi Syndrome

Source: Children's Hospital Foundation Inc. / Manitoba Institute of Child Health
Total Amount: $45,000

DEPARTMENT OF PEDIATRICS AND CHILD HEALTH

PRESENTATIONS

Invited Presentation - Research

Rockman-Greenberg, Cheryl


2007 Apr Greenberg, CR. Hearing Hoofbeats and Thinking Zebras - Screening, Testing and Management of Children with Genetic Disorders. Invited Speaker. Grand Forks, ND, USA, United States


2006 Sep 29 Greenberg CR. Presentation: Genetics on the Praries: Targeted newborn screening in Manitoba before and after Tandem Mass Spectrometry. CCMG Annual Meeting. Winnipeg, MB


2006 May 09 Greenberg, CR. Invited Speaker. Conference of Women's League for Conservative Judaism. Winnipeg, MB


Poster Presentation - Research

Mhanni, Aizeddin Aisa


2007 Mhanni AA, Corkery T, Saltel-Olson J, Mallory C, Seargeant LE and Greenberg CR. Whole Blood Palmitate Oxidation as a Screening Test for Fatty Acid Oxidation Disorders: a Five-Year Experience. Third Annual Child Health Research Day, University of Manitoba, Department of Pediatrics. Winnipeg, Manitoba, Canada


**PUBLICATIONS**

**Papers - Refereed - Research**

**Mhanni, Aizeddin Aisa**


**Articles in Journals (Refereed) - Research**

**Chudley, Albert Edward**


2006 | Finch A, Beiner M, Lubinski J, Lynch HT, Moller P et al and the Hereditary Ovarian Cancer Clinical Study Group including Chudley AE. Salpingo-oophorectomy and the risk of ovarian, fallopian tube, and peritoneal


Rockman-Greenberg, Cheryl

2007 Sep 04 Sharma, Ajay P; Greenberg, Cheryl R; Prasad, Asuri N; Prasad, Chitra. Hemolytic uremic syndrome (HUS) secondary to cobalamin C (cblC) disorder. Pediat Nephrol. Published. Role: Co-Author


Abstracts - Research

Chodirker, Bernard Neil


Chudley, Albert Edward

2007  Langlois S, Wilson RD, and members of the SOGC Genetics Committee and CCMG Prenatal Diagnosis Committee (including Chudley AE). Carrier screening for genetic disorders in individuals of Ashkenazi Jewish descent. JOGC 177: 324-332. 2007. Published. Role: Co-Author


Mhanni, Aizeddin Aisa

Rockman-Greenberg, Cheryl

2007 Greenber CR, Thompson JR, Seargeant LE, Zschocke J, Chakraborty P; University of Manitoba and Cadham Provincial Laboratory Canada, Inst of Hum Genet, University Heidelberg, Germany, Ontario Newborn Screening Program SHEO, Ottawa, Canada. More than One GCDH Mutation Causes Glutaric Aciduria Type I (GA1) in a Canadian Aboriginal Genetic Isolate. SSIE. Submitted. Role: Primary/Senior Author


2006 Lehotay DC, Sokoro A, LePage J, Antonishyn N, McDonald R, Irvine J, Greenberg CR, University of Saskatchewan, Saskatoon, SK; The Provincial Laboratory, Regina, SK; and, The University of Manitoba, Winnipeg, MB. Screening for HHH Syndrome in Northern Saskatchewan. Role: Co-Author

Other Publications

Chudley, Albert Edward

2006 Grant BA, MacPherson P, Chudley AE. Research on fetal alcohol spectrum disorder in a federal prison. FORUM on Corrections Research, 2006. Accepted / In Press. Role: Co-Author

TEACHING ACTIVITIES

UNDERGRADUATE TEACHING

Chudley, Albert Edward

2007 Jan 01 - 2007 Dec 31 Med 1, 3 lectures human development
2007 Jan 01 - 2007 Dec 31 Med 1, 1 lecture cardiovascular
2007 Jan 01 - 2007 Dec 31 Med 1, 3 tutorial sessions (4 hours)
2007 Jan 01 - 2007 Dec 31 Med 1, 1 ethics tutorial session
2007 Jan 01 - 2007 Dec 31 Med 1 and 2, 4 sessions bedside history and physical sessions Pediatrics
2007 Jan 01 - 2007 Dec 31 Med 4, Academic session pediatrics genetics

Marles, Sandra Louise

2003 Jan 01 - 2006 Dec 31 Lectures, Med I, Lectures, Human Growth and Development
1997 Jan 01 - 2006 Dec 31 Lectures, Med I, Participant, Department of Human Genetics, CClinical and Molecular
1995 Jan 01 - 2006 Dec 31  
Cytogenetics 125.710  
Lectures, Team Teacher, University of Manitoba, Faculty of Dentistry Undergraduate Course, Human Growth and Development 100.108

1992 Jan 01 - 2006 Dec 31  
Preceptor -Tutor, Med II, Participant, Case Presentations in Pediatrics

1991 Jan 01 - 2006 Dec 31  
Preceptor -Tutor, Med II, Participant Genetic Tutorials

**Mhanni, Aizeddin Aisa**

2006 - present  
Participant, Undergrad, “Projects in Human Genetics” Course, Department of Biochemistry and Medical Genetics, Faculty of Medicine, University of Manitoba

2005 - present  
Participant, Undergrad, “Introduction to Human Genetics” Course, Department of Biochemistry and Medical Genetics, Faculty of Medicine, University of Manitoba

2004 - present  
Participant, Undergraduate, Participates in bedside and didactic Pediatric Undergraduate Teaching

**Rockman-Greenberg, Cheryl**

2003 Jul 01 - present  
Lectures, LINK lectures 3 hours Case Presentations 4 hours. Teaching now NEW CURRICULUM

**POSTGRADUATE TEACHING**

**Chudley, Albert Edward**

2007 Jan 01 - 2007 Dec 31  
Med Genetics, several case rounds and academic sessions (estimate 40 hours)

2007 Jan 01 - 2007 Dec 31  
Peds Academic ½ day x2, 3 hours

2007 Jan 01 - 2007 Dec 31  
Psychiatry, PGY 3 and 4, 6 lectures 1.5 hours each (9 hours), 1. Genetic Syndromes & Behaviour Phenotypes2. Principles of Behavioural Genetics, 3. Interphase genetics and psychiatry, 4. FAS,5. Genetic syndromes6. Genetics of Happiness

**Mhanni, Aizeddin Aisa**

2007 Sep 06  
Grand Rounds, “New Understanding of old Pediatric Problems: Epigenetics of Human Disease”

**Rockman-Greenberg, Cheryl**

2003 Jul 01 - present  
Grand Rounds, Grand Rounds presentations in Pediatrics, Obstetrics/Gynecology, Orthopedics, Anesthesia

2003 Jul 01 - present  
Academic Half Day - Pediatrics, *Genetics Clinic teaching of students, residents & fellows (2 Pediatric Academic half days yearly

1995 Apr 05 - present  
Grand Rounds, University of Manitoba, Anesthesia Grand Rounds with Dr. Leena Patel: "The Genetic Basis for Malignant Hyperthermia".

1993 Mar 23 - present  
Grand Rounds, Neonatal Link Rounds Presentation

**GRADUATE TEACHING**

**Marles, Sandra Louise**

1993 Jan 01 - 2006 Dec 31  
Participant, Practice Oral Exams for Pediatric Residents, Examiner

**Mhanni, Aizeddin Aisa**

2004 Jan - present  
Participates in Postgraduate Medical Genetics, Pediatric and other specialty Resident-
STUDENT SUPERVISION

Chodirker, Bernard Neil

2005 Jan - present  
Alison Elliott, Advisory committee, PhD, Biochemistry and Medical Genetics, 2005, Thesis Title: Characterization of Split Hand Foot Malformation (SHFM)

2004 Jan - present  
Reena Ray, Advisory committee, FCCMG (Molecular Genetics) 2004

2004 Jan - present  

2004 Jan - present  
Chumei Li, PGME director: FRCPC (Medical Genetics) 2004

2003 Jan - present  

2003 Jan - present  
Simone Vaz, Co-supervisor with Dr. A. Prasad: Pediatric Residency Research Project, 2003, Project Title: A study of the epidemiology of holoprosencephaly in Manitoba

2002 Jan - present  
Shannon Sanders, M.Sc., Primary Supervisor: Thesis Title: Multiple Congenital Anomalies of Unknown Etiology: A Retrospective Study

2001 Jan - present  
Sarah Nikkel, M.Sc., PGME director: FRCPC (Medical Genetics)

2000 Jan - present  
Mike Innes, M.Sc., PGME director: FRCPC (Medical Genetics)

2000 Jan - present  
Aziz Mhanni, M.Sc., PGME director: FRCPC (Medical Genetics)

2000 Jan - present  
Leonie Stranc, Supervisory/Examining Committee: Thesis Title: Patterns of referral and invasive prenatal diagnosis in women of advanced maternal age: Manitoba 1990-1995

1999 Jan - present  
Terry Szajkowski, Supervisor: Thesis Title: High maternal weight and pregnancy outcome in patients with unexplained elevated maternal serum alpha-fetoprotein levels.

1998 Jan - present  
Ernesto Gutierrez, Co-Supervisor with Dr. A. Chudley: Outcomes of genetic evaluation in children with pervasive developmental disorder.

1996 Jan - present  
Armansa Glodjo, M.Sc., Supervisory/Examining Committee: Numerical Classification of Chromosomal anomalies due to rearrangements of chromosome 3 In Humans

1996 Jan - present  
Steve Page, Supervisor: Intrauterine Growth Retardation: A study of causal and effect factors associated with elevated maternal serum alpha-fetoprotein levels

1996 Jan - present  
Anita Yip, Co-Supervisor with Dr. Jane Evans: Maternal serum alpha-fetoprotein levels in Pregnancies complicated by fetal renal anomalies.

1992 Jan - present  

1990 Jan - present  
Michelle Pasieczka, Co-Supervisor with Dr. Jane Evans: Maternal Serum Alpha-fetoprotein Screening in Insulin dependent and gestational diabetics

Chudley, Albert Edward

2005 May - 2006 Dec  
Meghan Cranston., B.Sc.(Med.), Thesis: Assessment of 3 methods for the measurement of palpebral fissure lengths in the evaluation of FASD

Mhanni, Aizeddin Aisa

2007 - 2008  
Dr. L. Ismael, Pediatric resident. Department of Pediatrics and Child Health, University of Manitoba, Neuroradiologic findings and clinical correlation in patients with GA-I in Manitoba patients, Supervisory Role: Primary Supervisor
ANNUAL REPORT: 2006 and 2007

Tara Korkery, B.Sc. (Honours) student, Screening Tests for Inborn Errors of Fatty Acid Oxidation and Mitochondrial Disorders, Supervisory Role: Primary Supervisor

2005 Sep - 2008 Jun
Dr. Hui Lou, Fellow, CACB/CCMG training program Clinical Chemistry and Molecular Genetics. University of Manitoba

2005 Sep - 2008 Jun
Dr. A. Harisha, CACB/CCMG training program Clinical Chemistry and Molecular Genetics. University of Manitoba

2004 Jul - 2006 Oct
Dr. A. Harisha, Residency, “Does Folic Acid Supplements Reduce the Risk for Congenital Heart Defects?: Geographic & Temporal Analysis of Folate-Sensitive Cardiac Malformations”. The University of Manitoba

2004 Feb - present

Rockman-Greenberg, Cheryl

2006 Jan - 2006 Jul
Nikki Lwiwiski, Honours Genetics Program, Fanconi Anemia in a Manitoba Mennonite Family. Winnipeg Children’s Hospital, Supervisory Role: Co-Supervisor

Hematology/Oncology/BMT

Medical Staff (2006-2007)
Section Head
Sara Joan Israels, MD, FRCP(C)
Geoffrey Cuvelier, MD, FRCPC *joined 2008
David Daniel Eisenstat, MD, MA, FRCPC, FAAP
Patricia J. McCusker, MD, BScN, FRCPC
Maria-Louise Schroeder, MD, FRCPC
Jayson Mark Stoffman, BSc, MD, FRCP(C), FAAP, LMCC
Donna Wall, MD, FRCP *joined 2008

Section Staff (2006-2007)
Nurse Clinicians
Oncology
Cathy Bourne
Wanda Knook
Bone Marrow Transplant (BMT)
Debbie Hanson
Jennie Pitura
Blood Disorders Clinic
Nora Schwetz
Rose Jacobson
Linda Phillips

Administrative Staff
Hematology/Oncology
Florinia Vicente
Josephine Pangilinan
Bone Marrow Transplant (BMT)
Christine Cesmystruk
Bonnie Coss

HONOURS & AWARDS

Eisenstat, David Daniel

2007 Mentor Award, Sanofi Aventis Biotech Challenge (for Middle and High School Science Fair supervision)

2006 Health Sciences Graduate Student Association (HSGSA) Award for Distinction in Mentorship, Faculty of Medicine, University of Manitoba

DEPARTMENT OF PEDIATRICS AND CHILD HEALTH 58
RESEARCH ACTIVITIES

GRANTS

Clinical Trial - Research

<table>
<thead>
<tr>
<th>Start Date</th>
<th>End Date</th>
<th>Investigator Name</th>
<th>Source</th>
<th>Total Amount</th>
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</thead>
<tbody>
<tr>
<td>2006 Jun</td>
<td>2007 Mar</td>
<td>Yanofsky, Rochelle Avis</td>
<td>National Childhood Cancer Foundation (NCCF)</td>
<td>$3,193</td>
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<tr>
<td>2006 Mar</td>
<td>2007 Jul</td>
<td>Yanofsky, Rochelle Avis</td>
<td>National Childhood Cancer Foundation (NCCF)</td>
<td>$55,623</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>COG Clinical Trials</td>
<td></td>
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<tr>
<td>2005 Sep</td>
<td>2007 Jul</td>
<td>Yanofsky, Rochelle Avis</td>
<td>Source: National Childhood Cancer Foundation (NCCF)</td>
<td>$2,480</td>
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Sung Project

Equipment Grants - Research

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<tr>
<th>Start Date</th>
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<th>Investigator Name</th>
<th>Source</th>
<th>Total Amount</th>
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<tbody>
<tr>
<td>2006 Jun</td>
<td></td>
<td>Eisenstat, David Daniel</td>
<td>Manitoba Institute of Child Health (Winnipeg, MB)</td>
<td>$10,495</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>“Centrifuge rotor, spectrophotometer accessories, pH meter and programmable water bath”</td>
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Operating Grants - Research

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<th>Start Date</th>
<th>End Date</th>
<th>Investigator Name</th>
<th>Source</th>
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<tr>
<td>2007 Sep</td>
<td>2008 Aug</td>
<td>Eisenstat, David Daniel</td>
<td>Health Sciences Centre Foundation (Winnipeg)</td>
<td>$35,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>“Genetic regulation of enteric nervous system and intestinal development - relevance to Hirschsprung Disease in children and adults”</td>
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<tr>
<td>2007 Jul</td>
<td>2010 Jun</td>
<td>Eisenstat, David Daniel</td>
<td>National Cancer Institute of Canada/Canadian Cancer Society</td>
<td>$317,000</td>
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<tr>
<td></td>
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<td></td>
<td>“Distinct roles of Prox1 in determining lymphatic endothelial cell fate”</td>
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<tr>
<td>2007 Jul</td>
<td>2008 Jun</td>
<td>Eisenstat, David Daniel</td>
<td>Manitoba Institute of Child Health/Children's Hospital Foundation</td>
<td>$45,000</td>
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<tr>
<td></td>
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<td></td>
<td>“Transcriptional regulation of GABAergic interneuronal differentiation and migration by DLX genes”</td>
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<tr>
<td>2007 Jul</td>
<td>2008 Jun</td>
<td>Eisenstat, David Daniel</td>
<td>CancerCare Manitoba Foundation</td>
<td>$60,000</td>
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<tr>
<td></td>
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<td>“Role of the hypoxia-inducible cell death gene BNIP3 in medulloblastoma”</td>
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<td>2006 Jul</td>
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<td>Eisenstat, David Daniel</td>
<td>CancerCare Manitoba Foundation</td>
<td>$60,000</td>
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<td></td>
<td></td>
<td></td>
<td>“DLX transcription factors in intestinal development and colon cancer”</td>
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<tr>
<td>2006 Jul</td>
<td>2007 Jun</td>
<td>Eisenstat, David Daniel</td>
<td>Manitoba Institute of Child Health/Children's Hospital Foundation</td>
<td>$45,000</td>
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<td></td>
<td>“Genetic regulation of neuronal differentiation and migration by DLX genes - relevance to neurodevelopmental disorders”</td>
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<tr>
<td>Date Range</td>
<td>Investigator</td>
<td>Source</td>
<td>Total Amount</td>
<td>Title</td>
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<tr>
<td>2005 Jul - 2006 Jun</td>
<td>Eisenstat, David Daniel</td>
<td>Manitoba Institute of Child Health/Children's Hospital Foundation</td>
<td>$45,000</td>
<td>“Dlx transcription factors in pancreatic islet cell development”</td>
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<tr>
<td>2005 Jul - 2006 Jun</td>
<td>Eisenstat, David Daniel</td>
<td>CancerCare Manitoba Foundation</td>
<td>$60,000</td>
<td>“Regulation of neuronal differentiation and migration by Dlx homeobox genes during forebrain development”</td>
</tr>
<tr>
<td>2004 Oct - 2007 Sep</td>
<td>Eisenstat, David Daniel</td>
<td>Canadian Institutes of Health Research (CIHR)</td>
<td>$355,740</td>
<td>“Role of mutant BNIP3 in malignant gliomas”</td>
</tr>
<tr>
<td>2004 Jul - 2007 Jun</td>
<td>Eisenstat, David Daniel</td>
<td>National Cancer Institute of Canada/Canadian Cancer Society, awarded but declined</td>
<td>$300,900</td>
<td>“Role of BNIP3 in malignant brain tumours”</td>
</tr>
<tr>
<td>2004 Jul - 2007 Jun</td>
<td>Eisenstat, David Daniel</td>
<td>Foundation Fighting Blindness – Canada</td>
<td>$270,000</td>
<td>“Dlx homeobox genes in vertebrate retinal development”</td>
</tr>
<tr>
<td>2007 Jul - 2008 Jun</td>
<td>Israels, Sara Joan</td>
<td>CancerCare Manitoba Foundation</td>
<td>$49,627</td>
<td>The assembly and function of tetraspanin complexes in platelets &amp; platelet exosomes</td>
</tr>
<tr>
<td>2006 Jul - 2007 Jun</td>
<td>Israels, Sara Joan</td>
<td>CancerCare Manitoba Foundation</td>
<td>$46,649</td>
<td>The role of palmitoylation in supporting the assembly and function of tetraspanin-enriched microdomains in platelets</td>
</tr>
<tr>
<td>2006 Jun - 2007 Jul</td>
<td>Israels, Sara Joan</td>
<td>Manitoba Institute of Child Health</td>
<td>$22,647</td>
<td>The association between SHP-2 mutations and platelet function in Noonan Syndrome</td>
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<tr>
<td>2005 Jul - 2006 Jun</td>
<td>Israels, Sara Joan</td>
<td>Heart and Stroke Foundation</td>
<td>$75,000</td>
<td>The role of CD63 and P14 Kinase in platelet signaling</td>
</tr>
<tr>
<td>2005 May - 2006 Apr</td>
<td>Israels, Sara Joan</td>
<td>CancerCare Manitoba</td>
<td>$35,000</td>
<td>The role of CD63 in the Recruitment of Signaling Molecules to Platelet Lipid Rafts</td>
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<tr>
<td>2001 Jan - 2006 Dec</td>
<td>McCusker, Patricia J.</td>
<td>Canadian Hemophilia Society</td>
<td></td>
<td>Quality of Life Tool Development: Canadian Hemophilia Outcomes-Kids Life Assessment Tool</td>
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<tr>
<td>2000 Jan - 2006 Dec</td>
<td>McCusker, Patricia J.</td>
<td>Manitoba Medical Service Foundation</td>
<td></td>
<td>Neonatal Thrombosis: Dosing of Enoxaparin in Infancy</td>
</tr>
<tr>
<td>2005 Aug - 2006 Aug</td>
<td>Schroeder, Maria-Louise</td>
<td></td>
<td></td>
<td>Co-Investigator</td>
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<tr>
<td>Source: Canadian Institutes of Health Research</td>
<td>Total Amount: $206,351</td>
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<tr>
<td>Early identification of rheumatoid arthritis in Canadian First Nations.</td>
<td></td>
<td></td>
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</tbody>
</table>

**2006 - 2008**  
**Stoffman, Jayson Mark**  
Principal Investigator

**Source: Manitoba Institute of Child Health (The)**  
**Total Amount: $45,000**

**The Association between SHP-2 Mutations and Platelet Function in Noonan Syndrome**

**2005 Jul - 2006 Jun**  
**Stoffman, Jayson Mark**  
Principal Investigator

**Source: CancerCare Manitoba Foundation**  
**Total Amount: $60,000**

**Validation of the Novel Hemostasis Screening Test (HST) and the Factor VIII/IX Product**

**2006 - 2010**  
**Yanofsky, Rochelle Avis**  
Major

**Source: CIHR**

Development and testing of a computer video-game approach designed for self-assessment and management of meaning-centred symptom experiences by children with cancer.

**2004 Jul - 2007 Jul**  
**Yanofsky, Rochelle Avis**  
Major

**Source: CIHR**  
**Total Amount: $49,428**

Parents' and Children's decisions and experiences in childhood cancer clinical trials:

**2004 Jul - 2007 Jul**  
**Yanofsky, Rochelle Avis**  
Co-Investigator

**Source: Canadian Institute of Health Research (CIHR)**  
**Total Amount: $49,428**

Parents’ and Children’s Decisions and Experiences in Childhood Cancer Clinical Trials

**Research Operating Funds - Research**

**2007 Oct - 2009 Sep**  
**Eisenstat, David Daniel**  
Principal Investigator

**Source: Canadian Institute of Health Research Regional Partnerships Program (RPP): Manitoba Health Research Council**  
**Total Amount: $200,000**

“DLX transcription factors in retinal development”

**2007 Jul - 2010 Jun**  
**Eisenstat, David Daniel**  
Co-Principal Investigator

**Source: National Cancer Institute of Canada/Canadian Cancer Society**  
**Total Amount: $317,000**

Distinct roles of Prox1 in determining lymphatic endothelial cell fate

**2006 Jul - 2007 Jun**  
**Eisenstat, David Daniel**  
Principal Investigator

**Source: CancerCare Manitoba Foundation**  
**Total Amount: $60,000**

“DLX transcription factors in intestinal development and colon cancer

**2007 Apr - present**  
**McCusker, Patricia J.**  
Co-Principal Investigator

**Source: Bayer Canada and The Hospital for Sick Children Foundation**  
**Cross Cultural Validation study of the Cho-KLAT (Canadian Hemophilia Outcomes-Kids Life Assessment Tool)**

**Total Amount: $2,400,000**

**2006 Mar - 2007 Mar**  
**Yanofsky, Rochelle Avis**  
Principal Investigator

**Total Amount: $1,500**

Canadian Inherited Marrow Failure Registry
PRESENTATIONS

Invited Lecturer - Education

Stoffman, Jayson Mark

2006 Mar 08   Red Flag on the Play - When might it be more than a sports injury? Pan Am Clinic, Dept. of Physiotherapy. Winnipeg, Manitoba, Canada

Invited Presentation - Research

Eisenstat, David Daniel

2007 Dec 04   DLX homeobox genes in forebrain development and relevance to autism. Children’s Mercy Hospital and Department of Pediatrics, University of Missouri, Kansas City School of Medicine. Kansas City, Missouri, United States

2007 Sep 20   What can mouse models teach us about the developing brain? Bowman Neonatal Research Symposium, Department of Pediatrics, University of Manitoba. Winnipeg, Manitoba, Canada

2007 Mar 08   ChIPping away at the forebrain: How DLX transcription factors regulate neuronal differentiation and migration during brain development. Manitoba Institute of Cell Biology, CancerCare Manitoba, Manitoba, Canada

2007 Feb 15   Eisenstat DD. ChIPping away at the brain - transcriptional regulation of forebrain development by DLX homeobox genes. Distinguished Lecturer Series, Hospital for Sick Children, University of Toronto. Toronto, Ontario, Canada

2007 Jan 24   Genetic & Transcriptional Regulation of Retinal Ganglion Cell Development. Department of Pathology Research Seminar Series, University of Manitoba. Winnipeg, Manitoba, Canada

2006 Dec 08   What regulates GABAergic neuronal migration and differentiation? Department of Pharmacology & Therapeutics Research Seminar, University of Manitoba. Winnipeg, Manitoba, Canada

2006 Oct 17   Brain tumours in Adults: Advances in Treatment of Malignant Gliomas. Brain Tumour Information & Support Evening, CancerCare Manitoba. Winnipeg, Manitoba, Canada

2006 Sep 26   Eisenstat DD. Hypoxia, cell death genes and brain tumours - role of the BCL2 homolog BNIP3. British Columbia Children’s Hospital, University of British Columbia. Vancouver, British Columbia, Canada


2006 Apr 27   Eisenstat DD. “Genetic regulation of retinal ganglion cell differentiation and survival”. Vision in the Prairies 1st Annual Vision Mini-Symposium, University of Winnipeg, Winnipeg, Manitoba.


2006 Feb 16   Eisenstat DD. Hypoxia, cell death and malignant gliomas - the role of the BCL2 homolog BNIP3. Penn State Cancer Institute Special Seminar, Penn State University Medical Center, Hershey, Pennsylvania.

2006 Feb 15   Eisenstat DD. Hypoxia, cell death and malignant gliomas - the role of the BCL2 homolog BNIP3. Department of Pediatrics and Penn State Cancer Institute Special Seminar, Milton S. Hershey Medical Center, Penn State College of Medicine. Hershey, Pennsylvania, United States

2006 Jan 25   Eisenstat DD. Management of malignant gliomas in 2006. Department of Oncology, Saskatoon Cancer Centre, University of Saskatchewan. Saskatoon, Saskatchewan, Canada

2006 Jan 18   Eisenstat DD. Homeobox regulation of brain and eye development: role of DLX genes. . Oklahoma City, Oklahoma. Department of Pediatrics Special Seminar, University of Oklahoma Medical School. Oklahoma City, Oklahoma, United States
Israels, Sara Joan

2007 Sep 29 Platelet Function Testing: Myths. Division of Hematology, Dalhousie University. Halifax, Nova Scotia, Canada

McCusker, Patricia J.

2007 May McCusker PJ. More about CHO-KLAT. Canadian Hemophilia Society Joint Symposium on Standards of Care and Outcomes. Quebec City, Quebec, Canada

Conference Presentation (Refereed) - Research

Eisenstat, David Daniel


Poster Presentation - Research

Eisenstat, David Daniel

2007 Zhang Q, Cheng S, Eisenstat DD. Identification and characterization of Brn3a and Brn3b as Dlx homeobox gene transcriptional targets in retinal development. 23rd University of Manitoba/University of North Dakota Anatomy Interchange 2007 (Grand Forks ND).


2007 Lou H, Eisenstat D, Parry D. Whole Blood Analysis is an Effective Way to Avoid Pseudohyperkalemia in Patients with Acute Lymphocytic Leukemia. Canadian Society for Clinical Chemistry Annual Meeting 2007 (Toronto ON).


2006
Burton TR, Eisenstat DD, Gibson SB. Glioblastoma multiforme tumors can survive in hypoxic conditions by localizing BNIP3 to the nucleus. 12th Biennial Canadian Neuro-Oncology Conference 2006 (Winnipeg, MB).

2006

2006

2006

**Stoffman, Jayson Mark**

2006 Mar 10 Hajer C, Stoffman J. A rare tumour in a 14 year old girl. CancerCare Manitoba Research Day. Winnipeg, Manitoba, Canada

**Grand Rounds - Education**

**Eisenstat, David Daniel**

2007 Oct 28 Linking DLX homeobox genes to the Wnt/beta catenin signaling pathway: implications for intestinal development and colorectal cancer. Manitoba Institute of Cell Biology Annual Retreat, Niakwa Country Club. Winnipeg, Manitoba, Canada

2007 Oct 24 Brain tumours in Adults: Advances in Treatment of Malignant Gliomas. Brain Tumour Information & Support Evening, CancerCare Manitoba, University of Manitoba. Winnipeg, Manitoba, Canada

2007 Oct 03 Retinal ganglion cell differentiation, death and survival. Department of Ophthalmology Grand Rounds, University of Manitoba. Winnipeg, Manitoba, Canada

2007 Feb 09 ChIPping away at the forebrain: regulation of interneuron differentiation and migration by DLX transcription factors. Clinical Neurosciences Grand Rounds, Faculty of Medicine, University of Manitoba. Winnipeg, Manitoba, Canada

2007 Jan 03 CNS & Intraocular Lymphoma. Department of Ophthalmology Grand Rounds, University of Manitoba. Winnipeg, Manitoba, Canada

2006 Sep 27 Eisenstat DD. DLX homeobox genes in forebrain development - relevance to GABAergic neuronal differentiation and migration. Neurosciences Grand Rounds, Vancouver General Hospital, University of British Columbia. Vancouver, British Columbia, Canada

2006 Apr 07 Primary CNS Lymphoma Overview and Differential Diagnosis. Clinical Neurosciences Grand Rounds, Faculty of Medicine, University of Manitoba. Winnipeg, Manitoba, Canada

**Research Rounds - Education**

**Eisenstat, David Daniel**

2007 Nov 22 Genetic regulation of retinal development by DLX homeobox genes. Department of Pediatrics Research Rounds, Manitoba Institute of Child Health. Winnipeg, Manitoba, Canada

2007 Jan 25 DLX transcription factors regulate differentiation & migration of cortical interneurons – relevance to neurodevelopmental disorders. Department of Pediatrics Research Rounds, Manitoba Institute of Child Health, University of Manitoba. Winnipeg, Manitoba, Canada
Rounds - Small Group Discussion - Education

**Stoffman, Jayson Mark**

2007 May 11  Thrombophilia in Renal Transplantation. Section of Pediatric Nephrology. Winnipeg, Manitoba, Canada

2007 Mar 15  Hematology Screening of the Neonate. Pediatric Small Group Discussion Series. Winnipeg, Manitoba, Canada

Conference Presentation (Non-Refereed) - Research

**Israels, Sara Joan**

2006 May 29  What is unique about childhood cancer. Canadian Society of Medical Laboratory Technologists. Winnipeg, Canada

PUBLICATIONS

Articles in Journals (Refereed) - Research

**Eisenstat, David Daniel**


2006  Burton TR, Henson ES, Baijal P, Eisenstat DD, Gibson SB. The pro-cell death Bcl-2 family member, BNIP3, is localized to the nucleus of human glial cells: implications for glioblastoma multiforme tumor cell survival under hypoxia. Int J Cancer 2006; 118(7):1660-1669. Published. Role: Primary/Senior Author


**Israels, Sara Joan**

2007 Dec  McNicol A, Eyer E, Jackson ED, Israels SJ. A role for von Willebrand factor in Streptococcus Sanguinis-
2007 Dec  

2007 Nov  

2007 Nov  

2006  

**McCusker, Patricia J.**

2007 Nov  

2007 Mar  

**Stoffman, Jayson Mark**

2007 Nov  

**Conference Papers in Proceedings (Refereed) - Research**

**Israels, Sara Joan**

2007 Mar  

**Review Articles - Education**

**Israels, Sara Joan**

2006  

**Abstracts - Research**

**Eisenstat, David Daniel**

2007  

2007  
Zhang Q, Du G, Ekker M, Eisenstat DD. Transcriptional control by Dlx homeobox genes of evolutionarily conserved regulatory elements during vertebrate retinal development. Soc Neurosci 37th Ann Meeting 2007; 461.16/F32. Published. **Role**: Primary/Senior Author

2006  


2006 Bristow NA, Henson ES, Vegh-Yarema N, Eisenstat DD, Gibson SB. The pro-cell death Bcl-2 family member, BNIP3, is mutated in breast tumors and this mutation increases resistance to hypoxia-induced cell death in breast cancer cell lines. Proc Amer Assoc Cancer Res 2006;47:4078. Published. **Role**: Primary/Senior Author

2006 Zhang S, Perry A, Xue F, Henson E, Gibson SB, Eisenstat DD. The hypoxia inducible BCL-2 homologue BNIP3 is mutated in oligodendroglial tumours. Neuro-Oncology 2006; 8:404-5 (CB-41). Published. **Role**: Primary/Senior Author


Israels, Sara Joan


Yanofsky, Rochelle Avis

2007 May 10 Woodgate RL, Yanofsky R, and West C. Feeling states: A better approach to understanding how children with cancer feel. Canadian Association of Psychosocial Oncology Annual Conference: Communication, Collaboration, and Creativity. **Role**: Co-Author

2007 May 10 Woodgate RL, and Yanofsky R. Walking parents through the childhood cancer research trajectory and the importance of interpersonal communication. Canadian Association of Psychosocial Oncology Annual Conference: Communication, Collaboration and Creativity. Published. **Role**: Co-Author
ANNUAL REPORT: 2006 and 2007


Books & Monographs - Authored - Education

Eisenstat, David Daniel


Israels, Sara Joan


TEACHING ACTIVITIES

UNDERGRADUATE TEACHING

Eisenstat, David Daniel

2007 Sep 05  Preceptor -Tutor, B.Sc.(Med)/Joe Doupe Memorial speaker presentation, Jonathan Bush, B.Sc. Medical Student, U. Manitoba (Supervisor: David Eisenstat), Research Topic: "DLX genes in retinoblastoma and ocular melanoma"


2007 Jun 29  Lectures (excl prep time), Medicine IV, Pediatrics, Academic Half-Day, Pediatric Hematology, "Iron deficiency anemia and ITP: differential diagnosis and management"

2007 May 18  Preceptor -Tutor, Medicine II, Blood and Lymph System, Pediatric Oncology II (tutorial)

2007 May 01  Preceptor -Tutor, Medicine II, Blood and Lymph System, Immunodeficiency (tutorial)

2007 Jan 25  Preceptor -Tutor, B.Sc. (Med) proposal, Miten Dhruve, B.Sc., Medical Student, U.

DEPARTMENT OF PEDIATRICS AND CHILD HEALTH 68
Israels, Sara Joan

- 1995 Jan 01 - 2007 Jan 01: Tutorial, Med II, Topics in hematology
- 1988 Jan 01 - 2007 Jan 01: Tutorial, Med II, Oncology - Childhood Tumor Tutorial

McCusker, Patricia J.

- 2002 Jan 01 - present: ITC - Case Presentations, clerkship
- 2000 Jan 01 - present: ITC - Obx. Hx. & Px., clerkship, repeated on a yearly basis
- 1999 Apr 01 - present: Clinical Skills Evaluations, clerkship, Meet with two or more students four times per year for clinical skills teaching in pediatrics
- 1999 Apr 01 - 2007 Dec 31: Group Workshops / Seminars (excl prep time), clerkship, two to three times per year- academic 1/2 day for clinical clerkship on hematology
- 1999 Jan 01 - present: Outpatient - Subspecialty Clinics, clerkship
- 1999 Jan 01 - 2006 Dec 31: Problem Based Learning Tutor, Block 4/ year 2, Faculty of Medicine, University of Manitoba, Problem Based Learning
- 1999 Jan 01 - 2006 Dec 31: Preceptor -Tutor, Faculty of Medicine, University of Manitoba, Clinical Skills Preceptor
- 1999 Jan 01 - 2006 Dec 31: Lectures (excl prep time), Faculty of Medicine, University of Manitoba, Medical Humanities Programme
- 1999 Jan 01 - 2006 Dec 31: Preceptor -Tutor, Faculty of Medicine, University of Manitoba, Tutor for Haematology Section
- 1999 Jan 01 - 2006 Dec 31: Lectures (excl prep time), Faculty of Medicine, University of Manitoba, Faculty of Rehabilitation and Physiotherapy, Haematology for Occupational, Recreational and
Stoffman, Jayson Mark

2007 Dec 13  CS079 - Pediatric Cardiology/Respiratory (BEDSIDE), Med II
2007 Dec 06  CS079 - Pediatric Cardiology/Respiratory (BEDSIDE), Med II
2007 Nov 29  CS079 - Pediatric Cardiology/Respiratory (BEDSIDE), Med II
2007 Nov 07  CPA - Comprehensive Patient Assessment (BEDSIDE), Med II
2007 Oct 26  Academic Half Day, Med IV Clinical Clerks
2007 Sep 17  ITC - Obx. Hx. & Px., Med III
2007 Sep 13  ITC - Case Presentations, Med III
2007 May 09  Preceptor - Tutor, Med II, Lymphoma
2007 Apr 23  Preceptor - Tutor, Med II, Management of thrombosis
2007 Feb 21  CPA - Comprehensive Patient Assessment (BEDSIDE), Med II
2007 Feb 12  Lectures (excl prep time), Med IV Clinical Clerks, Office pediatrics
2007 Jan 24  CPA - Comprehensive Patient Assessment (BEDSIDE), Med II
2006 Dec 15  Academic Half Day, Med IV Clinical Clerks, Pediatric Hematology/Oncology
2006 Oct 27  Academic Half Day, Med IV Clinical Clerks, Pediatric Hematology/Oncology
2006 Oct 25  CPA - Comprehensive Patient Assessment (BEDSIDE), Med II
2006 Jan 27  Academic Half Day, Med IV Clinical Clerks, Pediatric Hematology/Oncology

Yanofsky, Rochelle Avis

2007 Jun 20  Preceptor - Tutor, Med IV, Observed history and physical
2007 May 18  Preceptor - Tutor, Med II, Tutorial about Cancer in Children
2007 May 17  Lectures (excl prep time), Med II, Lecture about Cancer in Children
2006 Sep 28  Preceptor - Tutor, Clerkship, Observed history and physical
2006 Sep 25  Preceptor - Tutor, Clerkship, Observed history and physical
2006 Sep 14  Preceptor - Tutor, Clerkship, Observed history and physical
2006 Sep 13  Preceptor - Tutor, Med III, Observed history and physical
2006 Aug 30  Preceptor - Tutor, Med III, Observed history and physical
2006 Aug 14  Lectures (excl prep time), Med III, Case presentations
2006 May 17  Preceptor - Tutor, Med II, Lecture on Cancer in Children
2006 May 08  Preceptor - Tutor, Med II, Tutorial on Immunodeficiency
2006 May 05  Participant, Med II, Self Study: Anemia in Childhood
2006 Apr 21  Preceptor - Tutor, Med IV, Academic Half-Day

POSTGRADUATE TEACHING

Eisenstat, David Daniel

2007 Oct 31  Fellow - Teaching, Psychiatry Residents, Neurosciences II: "The GABA hypothesis - Autism and Rett Syndrome; link to brain development"
2007 Mar 28  Fellow - Teaching, Medulloblastoma in children & adults (1.5 hours)
2006 Dec 16  Fellow - Teaching, RCPSC Skills and Orals - clinical Assessment (2 hours) Dr. C. Hohl
2006 Jun 21  Fellow - Teaching, Radiation Oncology Residents and Interns, "Primary CNS Lymphoma" (1.5 hours)
2006 May 17  Fellow - Teaching, Pediatric Residents and Interns, Hematology-Oncology Teaching Rounds
2006 May 04  Fellow - Teaching, Pediatric Residents and Interns, 18th Canadian Pediatric Residents
2006 Mar 08 Fellow - Teaching, Pediatric Residents and Interns, Hematology-Oncology Teaching Rounds
2006 Feb 08 Fellow - Teaching, Pediatric Residents and Interns, Hematology-Oncology Teaching Rounds
2006 Jan 24 Fellow - Teaching, Medical Oncology Residents and Fellows, “Management of malignant gliomas”
2007 Oct 31 Psychiatry Residents, Neurosciences II: “The GABA hypothesis – Autism and Rett Syndrome; link to brain development”
2007 Mar 28 Radiation Oncology Residents and Interns, “Medulloblastoma in children & adults (1.5 hours)
2006 Jun 21 Radiation Oncology Residents and Interns,”Primary CNS Lymphoma” (1.5 hours)
2006 May 04 18th Canadian Pediatric Residents and Fellows Research Competition, Judge, Fellows, 4.5 hours
2006 Jan 24 Medical Oncology Residents and Fellows, “Management of malignant gliomas”

Israels, Sara Joan

2007 Jul 04 Academic Half Day - Pediatrics, Orientation to Pediatric Blood Transfusion

McCusker, Patricia J.

2007 Jan 01 - 2007 Dec 31 Academic Half Day - Pediatrics, Red Flags for the Busy Practitioner
2007 Jan 01 - 2007 Dec 31 Divisional Seminars / Journal Club, Neonatal Seminar: What is new about anticoagulation in the neonate?

Stoffman, Jayson Mark

2007 Mar 16 Fellow - Teaching, 4th year resident's OSCE review - Hematology/Oncology
2007 Feb 21 Academic Half Day - Pediatrics, Born on SCID Row
2006 Nov 08 Divisional Seminars / Journal Club, Radiation Oncology residents half-day - Medulloblastoma

Yanofsky, Rochelle Avis

2007 Nov 08 Divisional Seminars / Journal Club, Talk to RT technologists: Clinical trials 101
2007 Jun 06 Divisional Seminars / Journal Club, Presentation to Urology residents and staff: Research, the RRIC and you.
2007 Mar 11 Fellow - Teaching, Pediatric Residents Academic Half-Day: Cancer in Children
2007 Feb 24 Divisional Seminars / Journal Club, Pediatric resident Observed history and physical exam
2006 May 10 Academic Half Day - Pediatrics, Academic Half Day for Pediatric Residents: Session on Hemophilia
2006 Jan 05 Divisional Seminars / Journal Club, Seminar with Pediatric Housestaff on Hemostasis

GRADUATE TEACHING

Eisenstat, David Daniel

2007 Apr 10 Director, Neuroscience IMED 7100 (formerly 165.710), Course Director
2007 Apr 05 Director, Neuroscience IMED 7100 (formerly 165.710), Interdepartmental Graduate Course, Faculty of Medicine, University of Manitoba, Lecture: “Brain Tumours”, Course
<table>
<thead>
<tr>
<th>Date Range</th>
<th>Location Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007 Mar 20 - 2007 Mar 29</td>
<td>Cell Biology IMED 7090 (formerly 165.709), Interdepartmental Graduate Course, Faculty of Medicine, Lectures (4): “Developmental Biology”, Graduate Lecture course</td>
</tr>
<tr>
<td>2007 Mar 20 - 2007 Mar 29</td>
<td>Cell Biology IMED 7090, Interdepartmental Graduate Course, Faculty of Medicine, Lectures (4): “Developmental Biology” (1.5 hrs/lecture), exam marking</td>
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<tr>
<td>2007 Feb 21</td>
<td>Director, Neuroscience IMED 7100 (formerly 165.710), Interdepartmental Graduate Course, Faculty of Medicine, University of Manitoba, Lecture: “Visual System I - retina”, Course Director</td>
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<tr>
<td>2007 Jan 04</td>
<td>2007 Jan 04</td>
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<tr>
<td>2007 Readings in Anatomy</td>
<td>Readings in Anatomy, ANAT 7330 (formerly Human Anatomy &amp; Cell Science 80.733), Graduate Lecture course, Supervised Journal clubs (3): Retinal Development</td>
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<tr>
<td>2006 Dec 20</td>
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<td>2006 Dec 07</td>
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<td>2006 Dec 06</td>
<td>Human Developmental Anatomy (Embryology), ANAT 738, Graduate Lecture course, Course director: Mark Torchia, Ph.D., Human Brain Development (2 hrs)</td>
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<td>2006 Dec 05</td>
<td>2006 Dec 05</td>
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<tr>
<td>2006 Nov 30</td>
<td>2006 Nov 30</td>
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<td>2006 Nov 28</td>
<td>Director, Neuroscience IMED 7100 (formerly 165.710), Interdepartmental Graduate Course, Faculty of Medicine, University of Manitoba, Lecture: “Axonal Guidance”, Course Director</td>
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<tr>
<td>2006 Nov 09</td>
<td>2006 Nov 09</td>
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<tr>
<td>2006 Nov 07</td>
<td>Director, Neuroscience IMED 7100 (formerly 165.710), Interdepartmental Graduate Course, Faculty of Medicine, University of Manitoba, Lecture: “Retinal Development”, Course Director</td>
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<tr>
<td>2006 Nov 02</td>
<td>2006 Nov 02</td>
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<tr>
<td>2006 Oct 18</td>
<td>Developmental Biology IMED 7290 (formerly 165.729), Course Director</td>
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<tr>
<td>2006 Oct 06</td>
<td>Director, Neuroscience IMED 7100 (formerly 165.710, Course Director</td>
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<td>2006 Oct 04</td>
<td>Developmental Biology IMED 7290 (formerly 165.729), Course Director</td>
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<td>2006 Sep - 2007 Apr 06</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine Course Director – (28 weeks)</td>
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<tr>
<td>2006 Sep 01 - 2006 Dec</td>
<td>Developmental Biology IMED 7290, Interdepartmental Graduate Course, Faculty of Medicine, Course Co-director (16 weeks)</td>
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<td>2006 Sep 20</td>
<td>Developmental Biology IMED 7290 (formerly 165.729), Course Director</td>
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<tr>
<td>2006 Sep 07</td>
<td>Director, Neuroscience IMED 7100 (formerly 165.710, Interdepartmental Graduate Course, Faculty of Medicine, University of Manitoba, Course Introduction, Course Director</td>
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<td>2006 Sep 06</td>
<td>Developmental Biology IMED 7290 (formerly 165.729), Course Director</td>
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<tr>
<td>2006 Jun 09</td>
<td>Neuroscience IMED 7100 (formerly 165.710), Interdepartmental Graduate Course, Faculty of Medicine, Course organizational meeting, Graduate Lecture course</td>
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<td>2006 May 11</td>
<td>Neuroscience IMED 7100 (formerly 165.710), Interdepartmental Graduate Course, Faculty of Medicine, Course organization meeting, Graduate Lecture course</td>
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<td>2006 Apr 18</td>
<td>Neuroscience IMED 7100 (formerly 165.710), Interdepartmental Graduate Course, Faculty of Medicine, Course organizational meeting, Graduate Lecture course</td>
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<tr>
<td>2006 Mar 21 - 2006 Mar 30</td>
<td>Cell Biology IMED 7090, Interdepartmental Graduate Course, Faculty of Medicine,</td>
</tr>
<tr>
<td>Date</td>
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<tr>
<td>2006 Mar 21 - 2006 Mar 30</td>
<td>Lectures (4): “Developmental Biology” (1.5 hrs/lecture), exam marking Cell Biology IMED 7090 (formerly 165.709), Interdepartmental Graduate Course, Faculty of Medicine, Lectures (4): “Developmental Biology”, Graduate Lecture course</td>
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<td>2006 Feb 20</td>
<td>Neuroscience IMED 7100 (formerly 165.710), Interdepartmental Graduate Course, Faculty of Medicine, Course organizational meeting, Graduate Lecture course</td>
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<td>2006 Jan 04</td>
<td>Cancer Biology IMED 7200 (formerly 165.720), Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Brain Tumours: Molecular Basis of Targeted Therapies”, Graduate Lecture course</td>
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<td>2007 Apr 10</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Term paper marking (12 students)</td>
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<td>2007 Apr 05</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Brain Tumours”</td>
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<td>2007 Feb 21</td>
<td>Developmental Biology IMED 7290, Interdepartmental Graduate Course, Faculty of Medicine, Group project evaluations</td>
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<td>2007 Jan 04</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Visual System I – retina”</td>
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<td>2006 Dec 20</td>
<td>Developmental Biology IMED 7290, Interdepartmental Graduate Course, Faculty of Medicine, Group project presentations</td>
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<tr>
<td>2006 Dec 07</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Mid-term exam marking (13 students)</td>
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<td>2006 Dec 06</td>
<td>Human Developmental Anatomy (Embryology), ANAT 7380, Human Brain Development (2 hrs)</td>
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<td>2006 Dec 05</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Tutorial: “Developmental Neurobiology”</td>
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<td>2006 Nov 30</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Axonal Guidance”</td>
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<td>2006 Nov 28</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Retinal Development”</td>
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<td>2006 Nov 09</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Neural Patterning”</td>
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<td>2006 Nov 07</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Neural Induction”</td>
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<td>2006 Nov 02</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Genetics &amp; Model Systems”</td>
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<td>2006 Oct 26</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Term paper marking (13 students)</td>
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<td>2006 Oct 18</td>
<td>Developmental Biology IMED 7290, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Brain development”</td>
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<tr>
<td>2006 Sep 20</td>
<td>Developmental Biology IMED 7290, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Retina Development”</td>
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<td>2006 Sep 20</td>
<td>Developmental Biology IMED 7290, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: “Pancreas development”</td>
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<td>2006 Sep 07</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Course Introduction</td>
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<td>2006 Sep 06</td>
<td>Developmental Biology IMED 7290, Interdepartmental Graduate Course, Faculty of Medicine, Course overview</td>
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<td>2006 Jun 09</td>
<td>Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Course organization meeting (1.0 hr)</td>
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ANNUAL REPORT: 2006 and 2007

DEPARTMENT OF PEDIATRICS AND CHILD HEALTH

SUPPLEMENT

2006 May 11 Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Course organization meeting (1.0 hr)

2006 Apr 18 Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Course organizational meeting (1.5 hours)

2006 Feb 20 Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine, Course organizational meeting (1.5 hours)

2006 Jan 04 Cancer Biology IMED 7200, Interdepartmental Graduate Course, Faculty of Medicine, Lecture: "Brain Tumours: Molecular Basis of Targeted Therapies"

McCusker, Patricia J.

2002 Jan 01 - present Program Director: Paediatric Haematology/Oncology, Post Graduate Medical Education, Faculty of Medicine, University of Manitoba, Course Director

Yanofsky, Rochelle Avis

2006 Feb 11 Pediatric Resident Oral Exam, Examiner

CONTINUING MEDICAL EDUCATION

Eisenstat, David Daniel

2007 Nov 22 CME Lectures, Department of Pediatrics Research Rounds, Manitoba Institute of Child Health "Genetic regulation of retinal development by DLX homeobox genes"

2007 Oct 28 CME Lectures, Manitoba Institute of Cell Biology Annual Retreat, Niakwa Country Club, Winnipeg, Manitoba "Linking DLX homeobox genes to the Wnt/beta catenin signaling pathway: implications for intestinal development and colorectal cancer"

2007 Oct 24 CME Lectures, Brain Tumour Information & Support Evening, CancerCare Manitoba "Brain tumours in Adults: Advances in Treatment of Malignant Gliomas"

2007 Oct 03 CME Lectures, Department of Ophthalmology Grand Rounds, "Retinal ganglion cell differentiation, death and survival"

2007 Sep 20 CME Lectures, Bowman Neonatal Research Symposium, Department of Pediatrics, "What can mouse models teach us about the brain?"

2007 Mar 08 CME Lectures, Manitoba Institute of Cell Biology, CancerCare Manitoba, "ChIPping away at the forebrain: How DLX transcription factors regulate neuronal differentiation and migration during brain development"

2007 Feb 09 CME Lectures, Clinical Neurosciences Grand Rounds, Faculty of Medicine, "ChIPping away at the forebrain: regulation of interneuron differentiation and migration by DL transcription factors"

2007 Jan 25 CME Lectures, Department of Pediatrics Research Rounds, Manitoba Institute of Child Health "DLX transcription factors regulate differentiation & migration of cortical interneurons - relevance to neurodevelopmental disorders"

2007 Jan 24 CME Lectures, Department of Pathology Research Seminar Series, "Genetic & Transcriptional Regulation of Retinal Ganglion Cell Development"

2007 Jan 03 CME Lectures, Department of Ophthalmology Grand Rounds (with Dr. Andrew Mis), "CNS & Intraocular Lymphoma"

2006 Dec 08 CME Lectures, Department of Pharmacology & Therapeutics Research Seminar, "What regulates GABAergic neuronal migration and differentiation?"

2006 Oct 17 CME Lectures, Brain Tumour Information & Support Evening, CancerCare Manitoba, "Brain tumours in Adults: Advances in Treatment of Malignant Gliomas"

2006 May 26 - 2006 May 28 CME Lectures, 12th Biennial Canadian Neuro-Oncology Meeting, Toronto, Ontario, Chair
ANNUAL REPORT: 2006 and 2007

2006 Apr 07 CME Lectures, Clinical Neurosciences Grand Rounds, Faculty of Medicine, "Primary CNS Lymphoma Overview and Differential Diagnosis"

2006 Mar 21 CME Lectures, Kelvin High School: International BACCALAUREATE Program Lecture: "Developing Genetic Models for Autism"

2006 Mar 21 CME Lectures, Kelvin High School: International BACCALAUREATE Program Project reviewer: "The Chemistry and Physics of Medicine, Dentistry, & Health"

2006 Jun 14 CME Lectures, Canadian Congress of Neurological Sciences Education Day, Montreal, Quebec; Course Organizer: "Advances in Neuro-Oncology: Primary CNS Lymphoma"

TEACHING INNOVATIONS & CURRICULUM DEVELOPMENT

Eisenstat, David Daniel

2006 Jan 01 - present “Fundamentals of Neuroscience IMED 7100, Interdepartmental Graduate Course, Faculty of Medicine (6.0 credits)”, (Course director: David Eisenstat, MD), I developed this interdepartmental course, sponsored by the Departments of Physiology, Human Anatomy & Cell Science, and Pharmacology. The course is offered every 2 years beginning September 2006.

2001 Sep 01 - 2006 Jun 30 Medical Teaching, “Student Committees,”, I currently serve on 13 graduate student committees at the University of Manitoba and have served as an external examiner to one M.Sc. student at the University of Toronto.

2001 Jun 04 - 2007 Apr 05 Medical Teaching, “Neuroscience IMED 7100 (formerly 165.710), Interdepartmental Graduate Course, Faculty of Medicine”, I developed this interdepartmental course, sponsored by the Departments of Physiology, Human Anatomy & Cell Science, and Pharmacology. The course will be offered every 2 years beginning September 2006.

2001 Jan 09 - 2006 Dec 20 Medical Teaching, “Developmental Biology IMED 7290 (formerly 165.729), Interdepartmental Graduate Course, Faculty of Me”, I developed and co-direct this course with Geoff Hicks, Ph.D., Departments of Physiology and Biochemistry & Medical Genetics

STUDENT SUPERVISION

Eisenstat, David Daniel

2007 Aug Chaobo Jiang, Manitoba Institute of Child Health Undergraduate Summer Student Presentations

2007 May - present Sara Beiggi, Ph.D., Ph.D. student, Dept. Biochemistry & Medical Genetics

2007 May - present Ngoc On, M.Sc., M.Sc. student, Dept. Pharmacology & Therapeutics

2007 - present Parvez Vora, Ph.D., Ph.D. student, Department of Human Anatomy & Cell Science

2007 - present Mehdi Eshragi, M.Sc., M.Sc. student, Department of Biochemistry and Medical Genetics, Research Topic: "Prox1, lymphatic development and cancer"

2007 - present Mario Fonseca, M.Sc., M.Sc. student, Department of Human Anatomy and Cell Science, Research topic: "Dlx genes and intestinal and enteric nervous system development"

2007 - present Vanessa Pinto, M.Sc., M.Sc. student, Biochemistry & Medical Genetics, Research topic: "Dlx genes and retinal differentiation"

2007 - present Michael Teichman, High School Student, Grant Park High School, Supervisory Role: Primary Supervisor

2007 - present Ayat Mneina, B.Sc. student, Science, University of Manitoba, Supervisory Role: Primary Supervisor

2007 - present Alanna Junaid, Faculty of Science, University of Winnipeg, Supervisory Role: Primary Supervisor

DEPARTMENT OF PEDIATRICS AND CHILD HEALTH 75
<table>
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<tr>
<th>Year</th>
<th>Name</th>
<th>Role</th>
<th>Details</th>
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<tbody>
<tr>
<td>2007 - present</td>
<td>Mario Fonseca, M.Sc. student, Human Anatomy &amp; Cell Science</td>
<td>Supervisory Role: Primary Supervisor</td>
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<tr>
<td>2007 - present</td>
<td>Mehdi Eshragi, M.Sc student, Biochemistry &amp; Medical Genetics</td>
<td>Supervisory Role: Co-Supervisor</td>
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<tr>
<td>2007 - present</td>
<td>Vanessa Pinto, M.Sc student, Biochemistry &amp; Medical Genetics</td>
<td>Supervisory Role: Primary Supervisor</td>
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<td>2007 - present</td>
<td>Miten Dhruve, B.Sc., Medical student, University of Manitoba</td>
<td>Supervisory Role: Primary Supervisor</td>
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<td>2007 - present</td>
<td>Parvez Vora, Ph.D. student, Human Anatomy &amp; Cell Science</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<tr>
<td>2007 - present</td>
<td>Ngoc On, M.Sc. student, Pharmacology &amp; Therapeutics</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<td>2007</td>
<td>Joshua Manusow, B.Sc., Medical student, University of Manitoba</td>
<td>Supervisory Role: Thesis Committee</td>
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<td>2007</td>
<td>Thien Ngoc Le, Faculty of Science, University of Manitoba</td>
<td>Supervisory Role: Primary Supervisor</td>
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<td>2007</td>
<td>Tanisha Fehler, High School Student, Kildonan East Collegiate, Winnipeg</td>
<td>Supervisory Role: Primary Supervisor</td>
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<td>2006 Aug</td>
<td>Tracie Parkinson, Manitoba Institute of Child Health Undergraduate Summer Student Presentations</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<tr>
<td>2006 Jun</td>
<td>Miten Dhruve, M.Sc., M.Sc., student, Dept. Biochemistry &amp; Medical Genetics, Research topic: &quot;Dlx genes, neurotrophins and forebrain development&quot;</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<td>2006 May - 2007 Aug</td>
<td>Shannon Baxter, Ph.D., Ph.D. student, Dept. Biochemistry &amp; Medical Genetics</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<tr>
<td>2006 Feb - 2007 Nov</td>
<td>Qi Zhang, Ph.D., Ph.D. student, Department of Human Anatomy &amp; Cell Science, Research topic: &quot;Dlx genes and retinal development&quot;</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<tr>
<td>2006 - present</td>
<td>Sara Beiggi, Ph.D. student, Biochemistry &amp; Medical Genetics</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<td>2006 - present</td>
<td>Shannon Baxter, M.Sc. student, Biochemistry &amp; Medical Genetics</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<tr>
<td>2006 - present</td>
<td>Miten Dhruve, M.Sc student, Biochemistry &amp; Medical Genetics</td>
<td>Supervisory Role: Primary Supervisor</td>
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<td>2006 - present</td>
<td>Chaobo Jiang, B.Sc. student, Science, University of Pennsylvania</td>
<td>Supervisory Role: Primary Supervisor</td>
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<td>2006 - 2007</td>
<td>Jonathan Bush, B.Sc., Medical student, University of Manitoba</td>
<td>Supervisory Role: Primary Supervisor</td>
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<td>2006 - 2007</td>
<td>Marshall Pitz, MD, Medical Oncology Resident</td>
<td>Supervisory Role: Primary Supervisor</td>
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<td>2006</td>
<td>Jimmy de Melo, Ph.D, Postdoctoral Fellow</td>
<td>Supervisory Role: Primary Supervisor</td>
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<td>2005 Nov - 2007 Nov</td>
<td>Jong Han Lee, Ph.D., M.Sc. student, Department of Physiology</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<tr>
<td>2005 Jun - 2007 Nov</td>
<td>Yongyao Tan, M.Sc., M.Sc. student, Dept. of Biochemistry &amp; Medical Genetics, Research topic: &quot;Dlx2, Pax6 and regulation of the pallial-subpallial boundary&quot;</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<tr>
<td>2005 Jun - 2007 May</td>
<td>Meghan Webb, Ph.D., M.Sc. student, Dept. Biochemistry &amp; Medical Genetics</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<tr>
<td>2005 - present</td>
<td>Yongyao Tan, M.Sc student, Biochemistry &amp; Medical Genetics</td>
<td>Supervisory Role: Primary Supervisor</td>
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<tr>
<td>2005 - present</td>
<td>Qi Zhang, Ph.D. student, Human Anatomy &amp; Cell Science</td>
<td>Supervisory Role: Primary Supervisor</td>
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<tr>
<td>2005 - present</td>
<td>Jong Han Lee, Ph.D. student, Physiology</td>
<td>Supervisory Role: Member, Graduate Committee</td>
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<td>2005 - 2007</td>
<td>Tracie Parkinson, Psychology, University of Winnipeg</td>
<td>Supervisory Role: Primary Supervisor</td>
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</tbody>
</table>
ANNUAL REPORT: 2006 and 2007

S U P P L E M E N T

DEPARTMENT OF PEDIATRICS AND CHILD HEALTH

2005 - 2007
Molly Pind, M.Sc., M.Sc., Research Associate, Manitoba Institute of Cell Biology
Qing-Ping Zhou, M.B, M.Sc. Research Associate, Manitoba Institute of Cell Biology
Fen Xue, M.Sc., M.Sc., Technician II, Manitoba Institute of Cell Biology
Neil Haney, B.Sc., Optometry student, University of Waterloo (Ontario), Supervisory Role: Primary Supervisor

2004 - 2007
2004 - 2007
Teralee Burton, Ph.D., Ph.D. student, Dept. Biochemistry & Medical Genetics
Bojan Drobic, Ph.D., M.Sc. student, Biochemistry & Medical Genetics
Bojan Drobic, Ph.D., M.Sc. student, Dept. Biochemistry & Medical Genetics
Nicole Bristow, M.Sc., M.Sc. student, Dept. Biochemistry & Medical Genetics
Meghan Webb, Ph.D. student, Biochemistry & Medical Genetics, Supervisory Role: Member, Graduate Committee
Bojan Drobic, Ph.D. student, Biochemistry & Medical Genetics, Supervisory Role: Member, Graduate Committee
Nicole Bristow, M.Sc. student, Biochem & Medical Genetics, Supervisory Role: Member, Graduate Committee
Yale Michaels, High School Student, Grant Park High School, Winnipeg, Supervisory Role: Primary Supervisor
Niki Boyko, B.Sc.(Med.), B.Sc., Technician II, Manitoba Institute of Cell Biology
Faye Pagdonsolan, Administrative Assistant, Manitoba Institute of Cell Biology
Andrew Ho, M.Sc. student, Dept. Biochemistry & Medical Genetics, Research topic: "Dlx genes and pancreatic development"
Jeff Grant, Ph.D., Ph.D. student, Department of Pharmacology and Therapeutics
Jeff Grant, Ph.D. student, Pharmacology & Therapeutics, Supervisory Role: Member, Graduate Committee
Leigh-Anne Gillespie, B.Sc. student, Biology, University of Winnipeg, Supervisory Role: Primary Supervisor
Andrew Ho, M.Sc student, Biochemistry & Medical Genetics, Supervisory Role: Primary Supervisor
Lin Li, Ph.D., Ph.D. student, Department of Biochemistry and Medical Genetics
Lin Li, Ph.D. student, Biochemistry & Medical genetics, Supervisory Role: Member, Graduate Committee
Shunzhen Zhang, DVM, MS, Research Associate, Manitoba Institute of Cell Biology
Trung Le, Ph.D., MD/Ph.D. student, Department of Biochemistry and Medical Genetics, Research topic: "Dlx genes and forebrain development"
Mario Fonseca, B.Sc., Technician III, Manitoba Institute of Cell Biology
Trung Le, MD/Ph.D. student, Biochemistry and Medical Genetics, Supervisory Role: Primary Supervisor
Guoyan Du, M.D. Ph.D., postdoctoral fellow, Supervisory Role: Primary Supervisor
Jimmy de Melo, Ph.D., Ph.D. student, Department of Human Anatomy & Cell Science, Research topic: "Dlx genes and retinal development"
Jimmy de Melo, Ph.D. student, Human Anatomy & Cell Science, Supervisory Role: Primary Supervisor

Israels, Sara Joan

2006 Jan - 2006 Jun
Nikki Lwiski, Honours Genetics program, Fanconi Anemia in a Manitoba Mennonite Family,
McCusker, Patricia J.

2001 Jan - present Jayson Stoffman, Fellow, Supervisory Role: Program Director

Stoffman, Jayson Mark

2006 Mar Corinne Hajer, Other Undergraduate, A rare tumour in a 14 year old girl, CancerCare Manitoba, Supervisory Role: Primary Supervisor

Ambulatory Care - HSC

Medical Staff (2006-2007)

Section Head

Linda Maureen Collison, MD, FRCPC
Susan Lorraine Collison, MD, FRCP(C)
Gerrit Willem De Groot, MD, BSc(Med), FRCPC *retired 2007
Jeffrey Richard Hyman, MD, FRCPC, BSc
Margo Alison Lane MD, FRCPC
Debbie Lindsay MD, FRCPC
Sally Longstaffe MD, FRCPC
Michael Moffatt MD, FRCPC
Brian Postl MD, FRCPC
Deborah Leigh Fraser-Roberts, BSc, MD, FRCP(C)
G. Elizabeth Hildes Ripstein, MD, FRCPC
Merrilee Nicolette Zetaruk, MD, BSc

Section Staff (2006-2007)

Administrative Assistant

Jacquie Newman
Shirley Ireland *retired 2007

Secretary

Johanna Christensen
Barbara Glays
Audrey Martynk *retired 2007
Cheryl Schram
Jannelle Wiens

Patient Care Manager

Sue Mann

Nurse Clinician

Cynthia Bonneteau
Marion Tornopolski
Sara Johnson
Wendy Mandziuk
RESEARCH ACTIVITIES

PRESENTATIONS

Invited Presentation - Research

Lane, Margo Alison

2006 Nov  Lane MA, Dean HJ, Blydt-Hansen TD. “Moving to the Big House – Issues in Transition of Adolescents with Complex Medical Issues”. Child Health Research Day. Manitoba Institute of Child Health. Winnipeg, Manitoba, Canada

TEACHING ACTIVITIES

UNDERGRADUATE TEACHING

Hyman, Jeffrey Richard

2007 Nov 28  Medical student pre-exam preparation seminar
2007 Oct 17  Medical student pre-exam preparation seminar
2007 Sep 29  Examiner for the University of Manitoba Comprehensive Clinical Exam for 4th year medical students.
2007 Sep 05  Medical student pre-exam preparation seminar
2007 Jul 11  Medical student pre-exam preparation seminar
2007 Jun 26  Medical Student Tutorial on “Respiratory Illnesses”
2007 May 30  Medical student pre-exam preparation seminar
2007 May 09  Bedside Observed History & Physical for Clinical Clerks
2007 Apr 18  Medical student pre-exam preparation seminar
2007 Mar 07  Medical student pre-exam preparation seminar
2006 Dec 18  Facilitated a tutorial for med 1 “Common Childhood Concerns”.
2006 Nov 30  Medical student pre-exam preparation seminar
2006 Nov 21  Preceptor for Med 1 – Adolescent History Taking Role Playing Session.
2006 Oct 18  Medical student pre-exam preparation seminar
2006 Sep 30  Examiner for the University of Manitoba Comprehensive Clinical Exam for 4th year medical students.
2006 Aug 29  Medical student pre-exam preparation seminar
2006 Jul 12  Medical student pre-exam preparation seminar
2006 May 31  Medical student pre-exam preparation seminar
2006 Apr 19  Medical student pre-exam preparation seminar
2006 Apr 08  2nd year medical student OSCE organizing committee & examiner.
2006 Mar 08  Medical student pre-exam preparation seminar
2006 Jan 13  Supervised a 1st year medical student’s early exposure to Pediatrics

Lane, Margo Alison

1999 Jan 01 - 2007 Dec 31  HD045 - Adolescents: Are They Healthy? 2/1
1999 Jan 01 - 2007 Dec 31  HD053 - Adolescent Health Concerns, 2/1
1999 Jan 01 - 2007 Dec 31  CS032 - Pediatric/Adolescent History
1999 Jan 01 - 2007 Dec 31  CS038 - Adolescent History Taking - Role Playing
POSTGRADUATE TEACHING

Fraser-Roberts, Deborah Leigh


Hyman, Jeffrey Richard

2007 Nov 07  Facilitator & Examiner for the Pediatric Residents' OSCE.
2007 Oct 11  House staff teaching on “Antibiotics”
2007 Oct 04  House staff teaching on “Bronchiolitis”
2007 Sep 12  Pediatric Resident Academic Half-day “Health Care for new Immigrants & Internationally Adopted Children”.
2007 Aug 29  Co-presenter for Pediatric Resident Academic Half-Day – “Residents as Teachers, for Undergraduate Trainees”
2007 Jul 19  Hosted the Pediatric Residents' Journal Club “Mentoring Session”
2007 Jul 09  Chief proctor for the American Board of Pediatrics MCQ exam for the Manitoba pediatric residents.
2007 Jun 20  IMG Academic Half-Day - “Pediatric Overview”
2007 Jun 13  IMG Academic Half-Day - “Common Pediatric Problems”
2007 May 30  IMG Academic Half-Day - “Orientation to Pediatrics”
2007 Apr 11  MSK Clinical Teaching Rounds, “Overuse Injuries in Children & Adolescents”.
2007 Apr 02  Facilitated a 4-hour workshop for junior pediatric residents: “Transition to Senior Resident”.
2007 Feb 22  Subspecialty Teaching Rounds: “Antibiotics”
2006 Oct 11  Bronchiolitis Presentation to the Emergency Medical Officers (EMO) group.
2006 Sep 21  Facilitated the Medical Education Journal Club “The ABC’s of a Teaching Environment”.
2006 Sep 13  Pediatric Resident Academic Half-day “Health Care for new Immigrants & Internationally Adopted Children”.
2006 Sep 08  ITC – Observed History & Physical Examinations
2006 Sep 06  IMG Academic Half-Day “Common Pediatric Problems #2”
2006 Sep 01  ITC – Observed History & Physical Examinations
2006 Jul 10  Chief proctor for the American Board of Pediatrics MCQ exam for the Manitoba pediatric residents.
2006 May 17  4th Year Pediatric Residents’ OSCE organizing committee & examiner.
2006 May 10  IMG Academic Half-day “Orientation to Pediatrics”.
2006 Apr 18  Facilitated a 3-hour workshop for junior pediatric residents: “Transition to Senior Resident”.
2006 Apr 12  MSK Clinical Teaching Rounds, “Overuse Injuries in Children & Adolescents”.
2006 Apr 05  IMG Academic half-day “Common Pediatric Problems #1”
2006 Apr 04  Attended the RCPSC Basic Modular Workshops in Evaluation.
2006 Mar 20  Pediatric Residents' OSCE organizing committee & examiner
2006 Mar 11  Examiner for a Pediatric Resident Mock Oral Exam
2006 Mar 06  Pediatric Residents' OSCE organizing committee & examiner

Lane, Margo Alison

2004 Jan 01 - 2006 Dec 31  Academic Half Day - Pediatrics, University of Manitoba Family Medicine Resident Program, “Eating Disorders in Adolescents”
GRADUATE TEACHING

Collison, Linda Maureen

present Supervision of rotating house staff and pediatric residents, inpatient problem identification and ongoing patient management at the Children's Hospital. (Service Chief)
present Supervision of foreign medical graduates (pediatric rotation)
present Supervision of pediatric house staff trainees in Ambulatory Care, Intern’s Academic Half-day, etc

STUDENT SUPERVISION

Zetaruk, Merrilee Nicolette

1999 Jan - present Ms. Tannys Vause, Summer Studentships (Children’s Hospital Foundation)
1998 Jan - present Mr. Joe Kwan, Summer Studentships (Children’s Hospital Foundation)

Infectious Disease

Medical Staff (2006-2007)

Section Head
Joanne Elizabeth Embree, MD, BSc, MSc, FRCP(C)
Maryanne Crockett, MD, MPH, FRCPC, FAAP, DTM&H
Amin Mohamed Kabani, MD, FRCP(C), FAAP

Research Fellow
Sergio Fanella, MD
Jared Bullard, MD

Section Staff (2006-2007)

Clinic Nurse
Lynne Kilpatrick

Secretary
Cecilia Atienza *joined 2008
Harriet Simpson *until 2007

Dr. Barbara Law left the Section in October 2006 to take on the role of Head of Vaccine Safety for the Public Health Agency of Canada. Over the next 12 months, Dr. Joanne Embree, Dr. Paul Van Caeseele and Dr. Ethan Rubenstein formed the core of the Pediatric Infectious Diseases Service, along with help from the several of the Adult Infectious Diseases Consultants in Winnipeg. We are very grateful for their assistance during that time.

Dr. Maryanne Crockett was welcomed into the Section in September 2007. She joined the Section from the University of Toronto via Nairobi, Kenya where she had been residing for two years before her arrival.

Harriet Simpson left the Section in October 2007 to join the Manitoba Institute of Child Health and in May 2008 Cecilia Atienza replaced her as the Assistant for the Section.

Lynne Kilpatrick joined the Section as our Clinic Nurse in September 2007.

Dr. Ahmed Al-Suwaidi and Dr. Sergio Fanella completed their Pediatric Infectious Diseases Clinical Training between July 1st, 2006 and June 30th, 2008. Dr. Al-Suwaidi will be returning to the United Arab Emirates and Dr. Fanella will continue as a Research Fellow at the University of Manitoba.

Dr. Jared Bullard started his Pediatric Infectious Disease Fellowship in July 2007. He is now transitioning to a combined Pediatric Infectious Diseases and Medical Microbiology Fellowship. Dr. Natalie Bridger will be joining the Section as a Pediatric Infectious Disease Fellow in July 2008.

Research activities of the Section have been somewhat restricted over this time period due to the relocation of Dr. Law, Dr. Crockett’s recent arrival and the significant clinical administrative load of Dr. Embree, who has continued in her role as Department Head of Medical Microbiology.
Dr. Crockett is commencing her research career at the University of Manitoba and her initial project concerns the care provided to refugees and immigrants to Canada. She has received a grant to the Canadian Pediatric Surveillance Program for a cross-Canada surveillance project.

Dr. Fanella and Dr. Rubenstein had begun a project looking at the causes of diarrhea amongst children who present the Children's Hospital. Dr. Fanella is beginning a research project, as well, on the Epidemiology of methicillin resistant Staphylococcus affecting children in province of Manitoba.

HONOURS & AWARDS

Crockett, Maryanne

2004 Jul - 2006 Dec

Bayer Healthcare/CIHR/AMMI Canada/CFID Infectious Disease Fellowship Research Award, Recipient, Bayer Healthcare/CIHR/AMMI Canada/CFID

RESEARCH ACTIVITIES

GRANTS

Operating Grants - Research

2007 Dec - 2009 Mar

Crockett, Maryanne

Principal Investigator

Source: University of Manitoba - University Research Grants Program

Total Amount: $5,000

Travel-related illnesses in Canadian children

2005 Jul - 2006 Jun

Embree, Joanne Elizabeth

Principal Investigator

Source: Children's Hospital Foundation

Total Amount: $38,000

Manitoba Pediatric Encephalitis Registry, A Pilot Project.

2005 May - 2006 Sep

Embree, Joanne Elizabeth

Principal Investigator

Total Amount: $10,350

A Pilot Study to Describe the Incidence Rate and Clinical Features of Human Metapneumovirus (hMPV) Infection of the Lower Respiratory Tract in Hospitalized Children at High Risk for Severe Disease.

2004 Apr - 2006 Mar

Embree, Joanne Elizabeth

Principal Investigator

Source: Canadian Pediatric Society Subcontract

Total Amount: $96,492

A Pilot Study to Describe the Incidence Rate and Clinical Features of Human Metapneumovirus (hMPV) Infection of the Lower Respiratory Tract in Hospitalized Children at High Risk for Severe Disease.

PUBLICATIONS

Articles in Journals (Refereed) - Research

Crockett, Maryanne

2006 Sep

Review Articles - Education

Crockett, Maryanne


Abstracts - Research

Embree, Joanne Elizabeth


(IMPACT) Centres. CCDR 32:77-86, April 1, 2006. Published. Role: Co-Author

Books & Monographs - Authored - Education

**Embree, Joanne Elizabeth**


**TEACHING ACTIVITIES**

**UNDERGRADUATE TEACHING**

*Crockett, Maryanne*


2007 Nov 05 Lectures (excl prep time), Med 1 Students, Lecture SF129: Prevention and Control of Infectious Diseases: Vaccines

**POSTGRADUATE TEACHING**

*Crockett, Maryanne*

2007 Dec 12 Academic Half Day - Pediatrics, Infectious Issues in Immigrant and Travel Health

*Embree, Joanne Elizabeth*

2007 Dec 13 Grand Rounds, "Hot topics in Immunization: HPV vaccine"

2006 Mar 23 Grand Rounds, "Pediatric AIDS: The Progress in Two Decades"

*Kabani, Amin Mohamed*

2006 Dec 14 Grand Rounds, Contributing to Communicable Diseases Intelligence Management in Canada

**CONTINUING MEDICAL EDUCATION**

*Kabani, Amin Mohamed*

1994 - 2006 CME Lectures, Advanced Pediatric Life Support - Instructor

**STUDENT SUPERVISION**

*Embree, Joanne Elizabeth*

2004 Jan - present Kristen Schurek, Supervisor, Member of Graduate Student Advisory Committee

2004 Jan - present Margot Plews, Supervisor, Member of Graduate Student Advisory Committee

2003 Jan - present Amy Martinuk, Supervisor, Member of Graduate Student Advisory Committee

2002 Jan - present Heather Smith, Supervisor, Member of Graduate Student Advisory Committee

2001 Jan - present Shehzad Iqbal, Supervisor, Member of Graduate Student Advisory Committee

1998 Jan - present Tammy Stuart, Supervisor, Member of Graduate Student Advisory Committee
Kabani, Amin Mohamed

2003 Jan - 2006 Jan  Tony Saliba, Development and characterization of monoclonal antibody to recombinant PA toxin of Bacillus anthracis.
2001 Jan - 2006 Jan  Dennis Petrelli, The Study of Mycobacteria Virulence Factors

Neonatology

Medical Staff (2006-2007)
Section Head
Mary Morton Katharine Seshia, MBChB, DCH(Lond), MRCP(UK), FRCP(Ed), FRCPCH(UK) *until July 08

Acting Section Head
Ruben Eduardo Alvaro, MD *as of July 2008
Rebecca Fontanilla Caces, MD
Aaron Chiu, MD, FRCP(C), LMCC
Catherine Mary Gerard Cronin, MD
Shyamala Dakshinamurti, MD, MSc
Maria Julia Davi, MD
Sharon Elizabeth Moisiuk, MD, LMCC, FRCPC
Ronald John Baier, MD, BSc(Med)
Ganesh Srinivasan, DM, MD

Medical Officers
Nnanake Idiong, MD
Kofi Amoah-Gyampoh, MD
Kathy Darvill, MD
Chelsea Ruth, MD
Cecilia de Cabo, MD
Fabiana Postolow, MD
Hanifi Soylu, MD

Neonatal Fellows
Maha Bamehrez, MD
Nadira Rashid, MD
Omar Elkhateeb, MD
Mohammed Khawaji, MD
Abrar Hussain, MD
Muhammad Ansari, MD
Yi Sun, MD
Kalfalla Zubi, MD

Clinical Assistant

Section Staff (2006-2007)
Administrative Secretary
Bonnie Hook
Irene Tatsumi *retired 2008

Neonatal Fellowship Program, Secretary
Ilda Medeiros

Patient Care Manager
Sybil Russel

HONOURS & AWARDS

Chiu, Aaron
2006 - 2007  Pediatrician of the Year, Pediatric Residents, Received
2006  SMR graduating class teaching award, School of Medical Rehabilitation, Nominated
2006  Paediatrician of the Year Award, in recognition for dedication to education, Paediatric Residents
2006  Nominee - Graduating Class Teaching Excellence Awarded, School of Medical Rehabilitation

Cronin, Catherine Mary Gerard

2007  Nominated for the Women of Distinction Award, (Research and Innovation category), YMCA-YWCA (Winnipeg)

Dakshinamurti, Shyamala

2007 Jan - 2008 Dec  New Investigator Personnel Support award, SickKids Foundation / CIHR Institute of Human Development, Child and Youth Health
2005 Jul - 2006 Jun  Faculty of Medicine Teaching Award, University of Manitoba, Nominated
2003 Apr - 2008 Mar  Personnel Award, Winnipeg Rh Institute Foundation

RESEARCH ACTIVITIES

GRANTS

Clinical Trial - Research

2005 Jan - 2006 Dec  Baier, Ronald John  Principal Investigator
Source: Establishment Grant  Total Amount: $100,000
Gene-Environment interactions and the development of Bronchopulmonary Dysplasia (Tentative Title Planned application)

2007 Jan - 2007 Dec  Chiu, Aaron  Principal Investigator
Source: Children's Hospital Foundation  Total Amount: $4,545
Pulmonary colonization with ureaplasma in VLBW infants and BPD: a meta-analysis.

2006 Sep - 2008 Jun  Chiu, Aaron  Principal Investigator
Source: MICH  Total Amount: $4,700
Oximetry targeting in the neonatal intensive care unit

2006 Jul - 2011 Jun  Chiu, Aaron  Major
Source: Canadian Institute of Health Research
Canadian Oxygen Trial  Total Amount: $3,691,500

2005 Jan - 2010 Dec  Chiu, Aaron  Major
Source: CIHR
Nasal ventilation in preterm infants  Total Amount: $2,233,100

2007 Sep - 2013 Aug  Dakshinamurti, Shyamala  Local Patient Involvement
Source: CIHR (RCT)  Total Amount: $1,500,000
Canadian Inhaled Nitric Oxide and Milrinone Study (CiNOM)

Collaborative Project - Research

2006 Apr - 2009 Mar  Dakshinamurti, Shyamala  Co-Investigator
Source: Manitoba Institute of Child Health  Total Amount: $1,200,000
**Equipment Grants - Research**

2005 Feb - 2006 Dec  Dakshinamurti, Shyamala  
**Source:** Biology of Breathing Group (MICH)  
**Total Amount:** $6,000  
Microplate Assay System for Myocyte Receptor Kinetics

2005 Feb - 2006 Feb  Dakshinamurti, Shyamala  
**Source:** Manitoba Institute of Child Health  
**Total Amount:** $14,700  
Purchase of ABL 520 Blood Gas Analyser

**Operating Grants - Research**

**Source:** CIHR  
**Total Amount:** $1,744,740  
Efficacy and safety of methylxanthines in very low birthweight infants

2004 Jul - 2006 Jun  Alvaro, Ruben Eduardo  
**Source:** HSC Foundation  
**Total Amount:** $18,000  
A Randomized, Controlled Trial of Synchronized Nasal Intermittent Positive Pressure Ventilation versus Nasal Continuous Positive Airway Pressure using the Infant Flow Advance™ to facilitate Successful Extubation in Premature Infants

2000 Jul - 2007 Jun  Alvaro, Ruben Eduardo  
**Source:** MRC  
**Total Amount:** $1,500  
CO2 inhalation as a new treatment modality for apneas of prematurity

2005 Jul - 2007 Jun  Chiu, Aaron  
**Source:** Health Sciences Medical Council  
**Total Amount:** $1,500  
Erythromycin and infantile hypertropic pyloric stenosis

2004 Sep - 2006 Sep  Chiu, Aaron  
**Source:** Health Sciences Centre Research Foundation (Manitoba)  
**Total Amount:** $17,308  
A RCT of sNIPPV versus nCPAP using the Infant Flow Advance to facilitate successful extubation in premature infants

2004 Jan - 2009 Jan  Chiu, Aaron  
**Source:** Canadian Institute of Health Research  
**Total Amount:** $333,000  
Human Milk Protects the Premature Infant

2005 Jan - 2008 Dec  Cronin, Catherine Mary Gerard  
**Source:** CIHR  
**Total Amount:** $1,400,000  
National Health Partnership for Reducing Infection in NICUs. Canadian Neonatal Network, Matching funding from the Michael Smith Foundation.

2005 Jan - 2008 Dec  Cronin, Catherine Mary Gerard  
**Source:** Michael Smith Foundation  
**Total Amount:** $1,400,000  
National Health Partnership for Reducing Infection in NICUs. Canadian Neonatal Network, Matching funding from the Michael Smith Foundation.

2005 Jan - 2006 Dec  Cronin, Catherine Mary Gerard  
**Source:** Health Canada  
**Total Amount:** $25,000
Feasibility Study for the Implementation of a Pediatric Trigger Tool for Adverse Events in Canadian Children’s Healthcare Facilities.

<table>
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<tr>
<th>Date</th>
<th>Investigator</th>
<th>Source</th>
<th>Total Amount</th>
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</thead>
<tbody>
<tr>
<td>2007 Apr - 2008 Mar</td>
<td>Dakshinamurti, Shyamala</td>
<td>CIHR Institute of Human Devt, Child &amp; Youth Health</td>
<td>$93,795</td>
</tr>
<tr>
<td>2007 Jan - 2008 Dec</td>
<td>Dakshinamurti, Shyamala</td>
<td>SickKids Foundation / CIHR Institute of Human Devt, Child &amp; Youth Health</td>
<td>$169,875</td>
</tr>
<tr>
<td>2006 Apr - 2008 Mar</td>
<td>Dakshinamurti, Shyamala</td>
<td>Winnipeg Rh Foundation Institute</td>
<td>$200,000</td>
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<tr>
<td>2005 Jul - 2006 Apr</td>
<td>Dakshinamurti, Shyamala</td>
<td>Manitoba Medical Service Foundation</td>
<td>$31,000</td>
</tr>
<tr>
<td>2003 Apr - 2006 Mar</td>
<td>Dakshinamurti, Shyamala</td>
<td>Winnipeg Rh Foundation Institute</td>
<td>$300,000</td>
</tr>
<tr>
<td>2007 Jan - 2007 Dec</td>
<td>Seshia, Mary Morton Katharine</td>
<td>CIHR</td>
<td>$100,000</td>
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<tr>
<td>2007 Jan - 2007 Dec</td>
<td>Seshia, Mary Morton Katharine</td>
<td>CIHR</td>
<td>$3,800,000</td>
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<td>2006 Jan - 2009 Dec</td>
<td>Seshia, Mary Morton Katharine</td>
<td>Canadian Institutes of Health Research (CIHR)</td>
<td>$120,000</td>
</tr>
<tr>
<td>2005 Jan - 2006 Dec</td>
<td>Seshia, Mary Morton Katharine</td>
<td>Children’s Hospital Foundation of Manitoba</td>
<td>$110,600</td>
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</tbody>
</table>
ANNUAL REPORT: 2006 and 2007  SUPPLEMENT

2005 Jan - 2006 Dec  Seshia, Mary Morton Katharine  Co-Principal Investigator
Source: Children’s Hospital Research Foundation (MICH)  Total Amount: $5,000
Neonatal Thrombosis - Incidence and Risk Factors

Research Operating Funds - Research

2005 - 2008  Cronin, Catherine Mary Gerard  Co-Investigator
Source: CIHR with partnership funding from other organizations, Matching funding from the Michael Smith Foundation  Total Amount: $1,400,000
National Health Partnership for Reducing Infection in NICUs. Canadian Neonatal Network

2006 Jan - 2006 Dec  Seshia, Mary Morton Katharine  Principal Investigator
Source: Children’s Hospital Research Foundation (MICH)
Neonatal Thrombosis - Incidence and Risk Factors

PRESENTATIONS

Invited Lecturer - Education

Dakshinamurti, Shyamala

2007 Apr  Blue Babies – Understanding Newborn Pulmonary Hypertension. Children’s Hospital Foundation of Manitoba 35th Annual General Meeting. Winnipeg
2006 May  Altitude Adaptation. Manitoba Association of Registered Respiratory Therapists Educational Forum, University of Manitoba. Winnipeg
2006 Apr  Cardiopulmonary Physiology: Relating Concepts to Clinical Practice. Western Canada Neonatology Fellowship OSCE Examination. Winnipeg

Invited Presentation - Research

Chiu, Aaron

2006 Sep 18  A. Chiu. RSV Immunoprophylaxis - Manitoba Experience. Abbott International. Monte Carlo, Monaco

Cronin, Catherine Mary Gerard

2007 Oct  CAPHC-CPDSN Special Projects: ALOS Variation. AGM of CAPHC. Montreal, Quebec, Canada
2007 Oct  Matlow A, Cronin G. Reducing Harm in Paediatric Care: Learning about Adverse Events using a Validated Canadian Paediatric Trigger Tool. AGM of CAPHC. Montreal, Quebec, Canada
2007 Aug  How to effect change in programs and policy: perspectives from the policymaker, the practitioner and the change expert. National Collaborating Centre for the Determinants of Health. Summer Institute. Baddeck, Nova Scotia, Canada
2007 Jun 11  A Patient Safety Toolbox for Infection Control. Annual meeting of CHICA-Canada. Edmonton, Alberta, Canada
2007 May 23  Patient Safety perspectives from Children’s Hospital, Winnipeg. Patient Safety Rounds, Hospital for Sick Children. Toronto, Ontario, Canada
2007 Mar  Pediatric Patient Safety Knows No Boundaries. Exploratorium at the National Institute for Child Health Quality. Workshop on Learning from Critical Incidents. San Fransisco, California, United States

2006 Jun 14 Effective Implementation of Evidence based Care Maps for Pediatric Asthma is associated with Improved Outcomes and Shorter Length of Stay. St. John’s, Newfoundland and Labrador, Canada

2006 Jun 09 Learning form systems analysis: five years of critical occurrences and near misses in Child Health. 2nd Annual Partnerships in Patient Safety: Solutions and Perspectives from around the World. Toronto, Ontario, Canada

Dakshinamurti, Shyamala


2006 Sep Mechanisms of Pulmonary Arterial Smooth Muscle Sensitization in Hypoxic PPHN. Dr John M Bowman Neonatal Research Symposium, University of Manitoba. Winnipeg

Seshia, Mary Morton Katharine


Conference Presentation (Refereed) - Research

Dakshinamurti, Shyamala

2006 May Myocyte Phenotypic Dedifferentiation, Proliferation and Remodeling Morphometry in Early Hypoxic Pulmonary Hypertension. Society for Pediatric Research. San Francisco, USA, United States

Grand Rounds - Education

Dakshinamurti, Shyamala


Conference Presentation (Non-Refereed) - Research

Cronin, Catherine Mary Gerard

2007 Cronin CMG. Dr. John Bowman Neonatal Research Symposium

2006 Cronin CMG. Dr. John Bowman Neonatal Research Symposium

Other Presentations

Chiu, Aaron


Cronin, Catherine Mary Gerard

2007 Jun 11 A Patient Safety Toolbox for Infection Control. Edmonton, Alberta, Canada

2007 May 23 Patient Safety perspectives from Children’s Hospital, Winnipeg. Patient Safety Rounds, Hospital for Sick Children. Toronto, Ontario, Canada

Dakshinamurti, Shyamala

2006 Nov Everything You Need to Know About Pulmonary Circulation and V/Q Matching. Biology of Breathing
PUBLICATIONS

Papers - Refereed - Research

Alvaro, Ruben Eduardo


Seshia, Mary Morton Katharine


Articles in Journals (Refereed) - Research

Cronin, Catherine Mary Gerard


Conference Papers in Proceedings (Refereed) - Research

Cronin, Catherine Mary Gerard

2007 Intuition versus Evidence. CAPHC Patient Safety Symposium, AGM, Montreal, October 2007. Published. Role: Co-Author

Alvaro, Ruben Eduardo


2006 Alallah J, Ali A, Kwiatkowski K, and Alvaro RE. Speed and profile of the ventilatory response to CO2 in preterm infants. SPR 2006. Published. Role: Co-Author

2006 Ali A, Alallah J, Kwiatkowski K, and Alvaro RE. Morphology of Periodic Breathing (PB) in Quiet (Q) and REM sleep and its role on the control of breathing in preterm infants. SPR 2006. Published. Role: Primary/Senior Author


Baier, Ronald John

2006 Baier RJ, Loggins J, Yanamandra K. IL-10, IL-6 and CD14 polymorphisms and sepsis outcome in ventilated Very Low Birth Weight infants. BMC Medicine 2006, 4:10. Published. Role: Primary/Senior Author

Chiu, Aaron


2007 May Chiu A, Alallah, J, Minski J, Petranick W, Alvaro R. Randomized trial comparing the use of nasal continuous positive airway pressure (nCPAP) to synchronized nasal non-invasive positive pressure support (sNIPP) in preterm infants. Society for Pediatric Research 2007, 5130.6. Published. Role: Primary/Senior Author


2006 Alallah J. Chiu A, Alvaro RE. Congenital diaphragmatic eventration as an unusual cause of respiratory distress in newborn infants with variable etiology. Dr. John M. Bowman Neonatal Research Symposium. Published. Role: Co-Author


Cronin, Catherine Mary Gerard

<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Conference Details</th>
<th>Role</th>
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<tbody>
<tr>
<td>2006</td>
<td>Cronin C M G.</td>
<td>Five Years of Learning from Analysis of Clinical Incidents in Pediatric Care using the London Protocol.</td>
<td>Healthcare Quarterly (Patient Safety Papers) invited publication, 2006, in press. Accepted / In Press.</td>
<td>Primary/Senior Author</td>
</tr>
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</table>

Dakshinamurti, Shyamala

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<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Conference Details</th>
<th>Role</th>
</tr>
</thead>
</table>
Seshia, Mary Morton Katharine


Books & Monographs - Authored - Education

Chiu, Aaron


Conference Poster - Research

Chiu, Aaron


Dakshinamurti, Shyamala


2007 May  Gutsol A, Dakshinamurti S. Bronchiolar Remodeling and Smooth Muscle Phenotype in Early Hypoxic Pulmonary Hypertension. Society for Pediatric Research 2007. Published. Role: Primary/Senior Author

2006 May  Kadkhodayan R, Mellow L, Gutsol A, Dakshinamurti S, Giles BL. ECSOD and eNOS Expression and Distribution in Neonatal Hypoxic Pulmonary Hypertension. Society for Pediatric Research 2006. Published. Role: Co-Author

2006 May  Hinton M, Dakshinamurti S, Halayko A J, Dakshinamurti K. Pyridoxal 5-Phosphate Blocks Voltage-Gated Calcium Channel in Aortic and Pulmonary Arterial Smooth Muscle Cells. Society for Pediatric Research 2006. Published. Role: Primary/Senior Author

2006 May  Gutsol A, Dakshinamurti S. Myocyte Phenotypic Dedifferentiation, Proliferation and Remodelling Morphometry in Early Hypoxic Pulmonary Hypertension. Society for Pediatric Research 2006. Published. Role: Primary/Senior Author

2006 May  Hinton M, Gutsol A, Dakshinamurti S. Hypoxia-Induced Pulmonary Artery Myocyte Hypersensitivity to Thromboxane: Altered TP Receptor Localization and Kinetics. Society for Pediatric Research 2006. Published. Role: Primary/Senior Author


Reports - Research

Cronin, Catherine Mary Gerard

2006  Canadian Neonatal Network Annual Reports. Published. Role: Primary/Senior Author
2006  CAPHC-CPDSN (Canadian Paediatric Decision Support Network) Annual Reports. Published. Role: Primary/Senior Author
2006  Report on the Feasibility Study on the Practicability of collecting Data from Paediatric Patient Charts utilizing the CAPHC Paediatric Triggers of Adverse Events. Health Canada March 2006. Published. Role: Primary/Senior Author

Other Publications

Chiu, Aaron


Cronin, Catherine Mary Gerard


TEACHING ACTIVITIES

UNDERGRADUATE TEACHING

Chiu, Aaron

2004 Jan 01 - present  Lectures (excl prep time), PT 167.191, Paediatric Respiratory Pathology Lecture
2003 Jan 01 - present  Problem Assisted Learning Sessions, SMR 68.240, Introduction to evidence-based practice
1998 Jan 01 - present  Physical Skills Development Tutor, Neonatal Physical Exam
1998 Jan 01 - present  Group Workshops / Seminars (excl prep time), Neonatal Seminars
Cronin, Catherine Mary Gerard

2007 Clerkship - Neonatology, Med IV, Clinical Clerk Rotation Neonatology (5 seminars/year)
2006 Jan 01 - 2007 Dec 31 Med III, Neonatology, ten three hour workshops at HSC. In addition, some of these workshops require prep time, either to canvass patients or to set up equipment. That's 30 hours of teaching time, plus a minimum of 5 hours setup.
2006 Jan 01 - 2007 Dec 31 Med II, Examination of the newborn infant, two three hour workshops These were at St. Bonifcace
2002 Jan 01 - present Group Workshops / Seminars (excl prep time), Quality workshops for Residents

Dakshinamurti, Shyamala

2006 Jul 01 - present Lectures (excl prep time), Med II, Physiology of neonatal resuscitation
2004 Jul 01 - present Lectures (excl prep time), Faculty of Medical Rehabilitation, Respiratory Therapy, Lecture, Respiratory management of pulmonary hypertension and congenital diaphragmatic hernia
2003 Jul 01 - present Group Workshops / Seminars (excl prep time), Med I, Tutorial, Normal and abnormal newborn respiratory physiology (alveolar recruitment and surfactant function)
2003 Jul 01 - 2006 Jan 01 Lectures (excl prep time), Med II, Low birth weight (overview of prematurity and physiology of intrauterine growth retardation)
2001 Jul 01 - present Physical Skills Development Tutor, Med II, Clinical Session: Examination of the normal newborn
2001 Jul 01 - present Group Workshops / Seminars (excl prep time), Med IV, Tutorial, Neonatology case studies
2001 Jul 01 - present Preceptor - Tutor, Med IV, Clinical Session, History and physical examination of the premature infant

POSTGRADUATE TEACHING

Caces, Rebecca Fontanilla

2006 Oct 19 Grand Rounds, 25 Years of Neonatal Transport

Chiu, Aaron

2006 Oct 26 Grand Rounds, "RSV Immunoprophylaxis Program - the past, the present and the future"
2004 Jan 01 - present Academic Half Day - Pediatrics, Evidence-based curriculum sessions for anesthesia residents and ob/gyne residents.
1998 Jan 01 - present Academic Half Day - Pediatrics, Paediatric OSCE
1998 Jan 01 - present Academic Half Day - Pediatrics, Evidence-based Medicine
1998 Jan 01 - present Academic Half Day - Pediatrics, Neonatal Topic
1998 Jan 01 - present Divisional Seminars / Journal Club, Evening Journal Clubs
1998 Jan 01 - present Grand Rounds
1998 Jan 01 - present Fellow - Teaching, Trans-Canada Rounds - once every 2 years
1998 Jan 01 - present Fellow - Teaching, Neonatal fellow curriculum including academic days, ethics seminars, journal clubs etc.

Cronin, Catherine Mary Gerard

2006 Jan 01 - 2008 Dec 31 OSCE, Western Canadian Neonatal Fellows OSCE
2006 Jan 01 - 2007 Dec 31 Academic Half Day - Pediatrics, Two four hour evening OSCE's for the Pediatric Residents
2006 Jan 01 - 2007 Dec 31 Academic Half Day - Pediatrics, Pediatric residents' academic half day. (each presentation
2006 Jan 01 - 2007 Dec 31  Developed and delivered five four hour workshops on Quality for the pediatric residents. Prep time was at least 10 hours.

2006 Jan 01 - 2007 Dec 31  OSCE, Neonatal OSCE for the Western Neonatal Fellows

2006 Jan 01 - 2006 Dec 31  OSCE, Objective Structured Clinical Examination for Pediatric Residents

2006 Jan 26  Grand Rounds, Pediatric Patient Safety Update

**Dakshinamurti, Shyamala**

2006 Sep 28  Grand Rounds, Dr. John Bowman Rh Symposium

2006 Jan 05  Grand Rounds, “Altitude Adaptation - a little travelogue - a little science”

2005 Jul 01 - present  Academic Half Day - Pediatrics, Approach to the antenatal neonatology consult; breaking bad news

2001 Jul 01 - present  Divisional Seminars / Journal Club, Smooth Muscle Group Journal Club (Biology of Breathing)

**Srinivasan, Ganesh**

2007 Mar 01  Grand Rounds, “Birth Asphyxia - Tools & Treatment”

**GRADUATE TEACHING**

**Dakshinamurti, Shyamala**

2003 Oct 01 - present  Physiology 90.701 Special Readings - Pharmacology, Graduate Lecture course

2003 Oct 01 - 2006 Jun 30  Physiology 90.729 Physiology of the Airways - Fun, Graduate Seminar presenter

2003 Oct 01 - 2006 Jun 30  Physiology 90.074 Vascular Cell Biology - Biology, Graduate Seminar presenter

**CONTINUING MEDICAL EDUCATION**

**Chiu, Aaron**

2002 - present  CME Lectures, Neonatal Resuscitation Program - Instructor

**TEACHING INNOVATIONS & CURRICULUM DEVELOPMENT**

**Chiu, Aaron**

2006 Jul 01 - 2007 Jun 30  “Postgraduate Medicine - Core Curriculum”, I have accepted a position as a coordinator for the faculty wide core curriculum. My mandate is to revise and update the curriculum to meet the requirements under the Royal College CanMEDs objectives.

2005 Jul 01 - present  Mentorship, “Pediatric Resident Mentorship Program”, I developed and implemented a program of mentorship of paediatric residents. Each resident is matched early in their training to a faculty mentor who assists the residents in the transition to the residency and to more senior role. The faculty mentor acts as a resident advocate and is available to assist in matters of academic or non-academic matters. The program has been greatly valued by both residents and faculty mentors.

**Dakshinamurti, Shyamala**

2007 Jul 01 - present  Medical Teaching, “Neonatal/perinatal fellowship research curriculum”, I generated a novel three-year research curriculum for the accredited University of Manitoba neonatology fellowship program, involving educational and mentoring components designed to develop skills in clinical and/or bench research; this is currently being implemented in full.
ANNUAL REPORT: 2006 and 2007

DEPARTMENT OF PEDIATRICS AND CHILD HEALTH

University of Manitoba

STUDENT SUPERVISION

Dakshinamurti, Shyamala

2007 Sep - present Yu Gong, Technician II, “Role of Oxidative Stress in Regulation of Thromboxane Receptor Cycling in Hypoxic Myocytes”, Supervisory Role: Primary Supervisor

2007 Aug - present Harjot Saini, Postdoctoral fellow, “Regulation of Cardiolipin Biosynthesis in the Development of Heart Failure”, Supervisory Role: Co-Supervisor

2007 Aug - present Surong Zhang, Postdoctoral research associate, “Regulation of Thromboxane Receptor Internalization and Cycling in Hypoxic Pulmonary Arterial Myocytes”, Supervisory Role: Primary Supervisor


2007 May - present Nora Nolette, Technician IV, Lab manager (shared position), Biology of Breathing, AESES, University of Manitoba, Supervisory Role: Co-Supervisor

2007 May - 2007 Aug Apoorva Balakrishnan, Summer Student, “Role of Oxidative Stress in Regulation of Thromboxane Receptor Cycling in Hypoxic Myocytes”, University of Manitoba, Supervisory Role: Primary Supervisor


2006 Sep - present K. T. Santhosh, Postdoctoral fellow, “Functional Regulation and Cross-Regulation of Prostanoid Receptors in Pulmonary Arterial Myocytes”, Supervisory Role: Primary Supervisor


2005 Nov - present Fabiana Postolow, Residency, “Nitric Oxide and Apoptotic Activation of Pulmonary Arterial Myocytes”, Supervisory Role: Primary Supervisor

2005 Sep - present Anita Fust Doerksen, Ph.D., “Mechanical Plasticity of Airway Smooth Muscle”, Supervisory Role: Primary Supervisor


2003 Feb - present Alex Gutsol, Post-doctoral research associate, “Morphometric and Phenotypic Analyses in Hypoxia: Correlating Pulmonary Arterial Remodelling with Myocyte Proliferative Activation by Hypoxia and Mural Strain; Hypoxic Influence on Agonist-Induced Cytoskeletal...
Reorganization, Supervisory Role: Primary Supervisor
Lynne Mellow, Technician IV, Lab manager (shared position), Biology of Breathing, AESES, University of Manitoba, Supervisory Role: Co-Supervisor

**Nephrology**

**Medical Staff (2006-2007)**

Section Head

- Tom Blydt-Hansen MD, FRCPC
- Patricia Birk MD, FRCPC
- Kristen Pederson BSc, MD, FRCP(C)
- Malcolm Robert Ogborn, MB, BS, LMCC, FRCP(C) *left 2007
- Aviva Goldberg M.D.
- Allison Dart, MD *joined 2008

**Trainees**

- Abdalla Ali
- Robin Erickson

**Section Staff (2006-2007)**

- Nurse Clinician, Dialysis: Sandy Neustaedter
- Nurse Clinician, Transplant: Jocelyn Arpin
- Nurse, Transplant: Rhonda Thorarinson
- Nurse Clinician, Renal: Garry Epp
- Nurse, Renal: Rhonda Silva
- Manager, Nursing Care: Sandie Kowalski
- Dietitian: Lisa Wilson
- Social Worker: Dolores Haggarty
- Transplant Coordinator: Julie Strong
- Administrative Assistant: Melodie McCormick
- Secretary: Gail Martin
- Unit Clerk: Tanya Allard
- Pediatric Hemodialysis Nurse: Phyllis Malowski
- Pediatric Hemodialysis Unit Nursing Assistant: Heather Murison
  - Dot Molchan
  - Bev Trudel
  - Yvonne Rhoden
  - Mandy Chapman
  - Susan McMurrich
  - Joey Baptiste

**HONOURS & AWARDS**

**Birk, Patricia Elizabeth**

2007 Trainee Award Finalist (A. Dart), Canadian Society of Transplantation, Received

**Blydt-Hansen, Tom David**

2007 Teaching Excellence (Medicine II), University of Manitoba Medical Students' Association, Nominated
## RESEARCH ACTIVITIES

### GRANTS

#### Clinical Trial - Research

<table>
<thead>
<tr>
<th>Start Date - End Date</th>
<th>Principal/Co-Investigator</th>
<th>Source</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006 Jul - 2008 Jun</td>
<td>Blydt-Hansen, Tom David</td>
<td></td>
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<tr>
<td></td>
<td>Co-Investigator</td>
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<tr>
<td>Pilot Trial of Vitamin D for the Prevention of Type 1 Diabetes. To determine what effect supplementation of vitamin D and correction of vitamin D deficiency has on the incidence of type 1 diabetes in a higher-risk population.</td>
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<td></td>
<td>Principal Investigator</td>
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<tr>
<td>Source: Wyeth-Ayerst Canada (IOP)</td>
<td>Total Amount: $198,000</td>
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<tr>
<td>A single center, prospective, randomized, controlled study of two chronic immunosuppressive protocols using sirolimus or mycophenolate mofetil to prevent or reverse disease progression in pediatric renal transplants with chronic allograft nephropathy. The major goal of this project is to conduct a clinical trial to assess the effect of Sirolimus or Mycophenolate Mofetil to prevent or reverse disease progression in pediatric renal transplant with chronic allograft nephropathy.</td>
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<td></td>
<td>Co-Principal Investigator</td>
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<tr>
<td>Source: National Institutes of Health, USA</td>
<td>Total Amount: $21,000</td>
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<tr>
<td>A Randomized Controlled Trial of Mycophenolate Mofetil and pulse dexamethasone versus cyclosporine A in Patients with Focal Segmental Glomerulosclerosis. The goal is to determine which of two treatment protocols is superior for the treatment of steroid-resistant FSGS.</td>
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<tr>
<td>2004 Apr - 2007 Mar</td>
<td>Ogborn, Malcolm Robert</td>
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<tr>
<td></td>
<td>Co-Investigator</td>
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<tr>
<td>Source: Canadian Institutes of Health Research</td>
<td>Total Amount: $327,607</td>
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<tr>
<td>Impact of long-term consumption of high protein diets on renal and bone health - implications for dietary reference intakes</td>
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<tr>
<td>2004 Apr - 2006 Mar</td>
<td>Ogborn, Malcolm Robert</td>
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<tr>
<td></td>
<td>Principal Investigator</td>
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<tr>
<td>Source: Canadian Institutes of Health Research</td>
<td>Total Amount: $153,249</td>
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<tr>
<td>Mechanism of soy protein amelioration of progression of chronic renal injury</td>
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<tr>
<td>2002 Feb - 2008 Jan</td>
<td>Ogborn, Malcolm Robert</td>
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<td></td>
<td>Co-Investigator</td>
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<tr>
<td>Source: Advanced Foods and Materials Network</td>
<td>Total Amount: $288,000</td>
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<tr>
<td>Structure function relationships of renin-binding proteins</td>
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<tr>
<td>2007 Jun - 2009 May</td>
<td>Blydt-Hansen, Tom David</td>
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<td></td>
<td>Co-Investigator</td>
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<tr>
<td>Source: Stollery Children's Hospital, Edmonton Alberta, Canada</td>
<td>Total Amount: $50,600</td>
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<tr>
<td>IgA &amp; HSP Nephropathy Registry Program</td>
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#### Collaborative Project - Research

<table>
<thead>
<tr>
<th>Start Date - End Date</th>
<th>Principal/Co-Investigator</th>
<th>Source</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007 Jun - 2009 May</td>
<td>Blydt-Hansen, Tom David</td>
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<tr>
<td></td>
<td>Co-Investigator</td>
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<tr>
<td>Source: Stollery Children's Hospital, Edmonton Alberta, Canada</td>
<td>Total Amount: $50,600</td>
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<tr>
<td>IgA &amp; HSP Nephropathy Registry Program</td>
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#### Operating Grants - Research

<table>
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<th>Start Date - End Date</th>
<th>Principal/Co-Investigator</th>
<th>Source</th>
<th>Total Amount</th>
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</thead>
<tbody>
<tr>
<td>2006 Jul - 2007 Jun</td>
<td>Blydt-Hansen, Tom David</td>
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<tr>
<td></td>
<td>Co-Investigator</td>
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<tr>
<td>Source: Manitoba Institute of Child Health, Health Sciences Foundation</td>
<td>Total Amount: $80,000</td>
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<tr>
<td>Role of the L-arginine/nitric oxide pathway in pediatric essential hypertension</td>
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</table>

#### Research Operating Funds - Research

<table>
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<th>Start Date - End Date</th>
<th>Principal/Co-Investigator</th>
<th>Source</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006 Jan - present</td>
<td>Birk, Patricia Elizabeth</td>
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<td></td>
<td>Site Investigator</td>
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<tr>
<td>Source: National Institutes of Health</td>
<td>Total Amount: $80,000</td>
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</tbody>
</table>
"Noninvasive monitoring to predict outcome in de novo kidney transplant recipients"

2006 Jul  
**Blydt-Hansen, Tom David**  
Principal Investigator  

**Source:** Manitoba Institute of Child Health, Health Sciences Foundation  
Non-invasive urine biomarkers of acute rejection in pediatric renal transplant recipients

2003 Sep - 2008 Jul  
**Blydt-Hansen, Tom David**  
Local Patient Involvement  

**Source:** National Institutes of Health (DKUHD, NIDDK, NINDS, NICHD, NHLBI)  
**Total Amount:** $130,880  

**CKiD:** Chronic Kidney Disease in Children

**PRESENTATIONS**

**Invited Lecturer - Education**

**Blydt-Hansen, Tom David**

2007 Dec 07  

2007 Nov 13  
Blydt-Hansen, TD. Diuretic Resistance. St. Boniface Newborn Rounds, St. Boniface Hospital, Winnipeg, Manitoba, Manitoba, Canada

2006 Dec 11  
Blydt-Hansen, RD. “Fluid Management and Continuous Renal Replacement Therapy for Infants with Renal Dysfunction.”. Children’s Hospital of Winnipeg, NICU Rounds. Winnipeg, Manitoba, Canada

2006 Jul 07  
Blydt-Hansen, TD. Transplant research: Life after fellowship. Pediatric Nephrology Rounds, Mattel Children’s Hospital, UCLA, LA, CA July 7, 2006. Pediatric Nephrology, Mattel Children’s Hospital, UCLA, Los Angeles, CA. Mattel Children’s Hospital, UCLA, LA, CA, California, United States

**Invited Presentation - Research**

**Birk, Patricia Elizabeth**

2006 May 24  
Birk PE. Lessons learned from a pediatric protocol biopsy program. Transplant Surgery Rounds, Emory University. Atlanta, Georgia, United States

**Blydt-Hansen, Tom David**

2007 Oct  

2007 Sep 22  
Blydt-Hansen, TD. “Child and adolescent screening for renal disease in a first nation community in Manitoba”. Young Investigators Group. Edmonton, Alberta, Canada

2006 Mar 22  
Blydt-Hansen, TD. Antenatally diagnosed renal anomalies. St. Boniface Newborn Rounds. St. Boniface Hospital, Winnipeg, MB, Manitoba, Canada

2006 Mar 01  
Blydt-Hansen, RD. Pediatric renal allograft survival and transition to adult care - Analysis of CORR data 1990-2003. Canadian Society of Transplantation. Mont Tremblant, QC, Quebec, Canada

**Goldberg, Aviva**

2007 May  
KARS Allocation. CMH Ethics Days. Chicago, Illinois, United States

2007 Mar 07  
Manipulating Height in Pediatric Patients- Where Should We Draw the Line? Endocrinology Grand Rounds, University of Manitoba. Winnipeg, Manitoba, Canada
2007 Jan  Matchmaker, Matchmaker, Find Me a Kidney. CHUM Nephrology Grand Rounds. Montreal, Quebec, Canada

2006 Jun  Matchmaker, Matchmaker, Find Me a Kidney. BC Renal Transplant Days. Vancouver, British Columbia, Canada

2006 Jan  A National Organ Allocation System for Canada - Should We Do it? Department of Pediatric Grand Rounds, University of Manitoba. Winnipeg, Manitoba, Canada

Poster Presentation - Research

Birk, Patricia Elizabeth


Goldberg, Aviva


2006 Jul  Goldberg AM, Zeilinski T, Kunzon D, Cohn RA. Thymoglobulin is effective in the treatment of acute cellular rejection in pediatric kidney transplant recipients. World Transplant Congress. Boston, Massachusetts, United States

Pederson, Kristen

2006 Feb  Umbilical Venous Catheterization for Vascular Access in Newborns Requiring CRRT. PCRRR conference. Zurich, Switzerland

2006 Feb  A Change in Flow: Safely Moving from Heparin to Citrate-Based Anticoagulation. PCRRR conference. Zurich, Switzerland

Research Rounds - Education

Blydt-Hansen, Tom David

2006 Jan 04  Blydt-Hansen, RD. Non-invasive Urine Biomarkers of Acute Rejection in Paediatric Renal Transplant Recipients. Children’s Hospital of Winnipeg, Research Rounds. Winnipeg, Manitoba, Canada

Pederson, Kristen

2007 Mar  Pediatric Renal Disease in the ER. Emergency Nursing teaching rounds. Winnipeg, Manitoba, Canada

2006 Oct  Pre-clerkship kidney tutorials. University of Manitoba medical school. Winnipeg, Manitoba, Canada

Rounds - Small Group Discussion - Education

Blydt-Hansen, Tom David

2007 Jun 29  Blydt-Hansen, TD. “Adversity is the mother of invention - CRRT for cardiopulmonary support and ? more.”. Children’s Hospital, Winnipeg, MB June 29, 2007. Pediatric Nephrology. Children’s Hospital, Winnipeg, MB, Manitoba, Canada

2007 Mar 09  Blydt-Hansen, TD. “Hypophosphatemia and Impaired Growth in Children after Renal Transplantation and Treatment with CAN with Sirolimus vs. MMF and Low-dose Tacrolimus in Paediatric Renal Transplant 1-
2007 Jan 09  Blydt-Hansen, TD. Management of Antenatally Diagnosed Renal Anomalies. Pediatric Nephrology Rounds, Children’s Hospital of Winnipeg. Winnipeg, Manitoba, Canada

Continuing Medical Education - Education

Blydt-Hansen, Tom David

2007 Dec 11  Blydt-Hansen, TD. “Hypertension” Pediatric in Review. Children's Hospital of Winnipeg. Winnipeg, Manitoba, Canada

2006 Mar 24  Blydt-Hansen, TD. Guidelines for the management of multicystic dysplasia and antenatal hydronephrosis. Pediatric Nephrology, Children's Hospital of Winnipeg. Winnipeg, Manitoba, Canada


Course - Education

Pederson, Kristen

2007 Mar  Cystic Renal Disease. Pediatric Resident’s Academic Half Day. Winnipeg, Manitoba, Canada

2006 May .CKD in children and adolescents. Canadian Society of Nephrology Annual Review Course. Quebec City, Quebec, Canada

Conference Presentation (Non-Refereed) - Research

Blydt-Hansen, Tom David


PUBLICATIONS

Articles in Journals (Refereed) - Research

Birk, Patricia Elizabeth


Blydt-Hansen, Tom David

2006 Aug  Wicklow BA, Ogborn MR, Gibson IW, Blydt-Hansen TD. Biopsy-proven acute tubular necrosis in a child attributed to vancomycin intoxication. Pediatric Nephrology, 2006 August; 21(8):1194-6. Published. Role: Primary/Senior Author

Goldberg, Aviva

2007  Goldberg AM, Simmerling M, Frader JE. Why non-documentated residents should have access to kidney transplantation: arguments for lifting the federal ban on reimbursement. Transplantation. 2007 Jan
Articles in Journals (Non-Refereed) - Research

Blydt-Hansen, Tom David

2007 Dec  

2007 Nov  

2007 Oct  

2007 Sep  


2006 Jul  

2006 Jul  

2006 Feb  

2006  

Abstracts - Research

Birk, Patricia Elizabeth

2006  

2006  

2006  
Ogborn, Malcolm Robert

2006

2006

2006

2006

Blydt-Hansen, Tom David

2007

2007
May TD Blydt-Hansen, PE Birk. Treatment of CAN with Sirolimus vs. MMF and low-dose Tacrolimus in paediatric renal transplants. 1-year safety analysis. Accepted / In Press. Role: Primary/Senior Author

2007
Mar Tom D Blydt-Hansen, Karen Lumsden, Patricia Birk. Hypophosphatemia and impaired growth in children after renal transplantation. Accepted / In Press. Role: Primary/Senior Author

2007
Mar Tom D. Blydt-Hansen, Lilyanna Trpeski, Bethany Foster, Caren Rose, Stanley Fenton, John Gill. Paediatric renal allograft survival and age-exposure risks of transition to adult care. Accepted / In Press. Role: Primary/Senior Author

2007

2007
Mar A Divekar; R Soni; M Seshia; T Drews; M Kesselman; G Bonin, C Press, M Maas, J Minski; TD Blydt-Hansen. Innovative Use of CRRT; Low Flow ECLS. Accepted / In Press. Role: Primary/Senior Author

2007

Other Publications

Blydt-Hansen, Tom David

2007
TEACHING ACTIVITIES

UNDERGRADUATE TEACHING

Goldberg, Aviva

2005 Jan 01 - 2006 Dec 31  Group Workshops / Seminars (excl prep time), Profession and Society course (M3), Group leader, Physician, Feinberg School of Medicine (Northwestern University)
2004 Jan 01 - 2006 Dec 31  Lectures (excl prep time), Pediatric resident and medical student teaching, Feinberg School of Medicine (Northwestern University)
2004 Jan 01 - 2006 Dec 31  Group Workshops / Seminars (excl prep time), Leader- medical student pediatric ethics sessions, Feinberg School of Medicine (Northwestern University)

POSTGRADUATE TEACHING

Goldberg, Aviva

2006 Feb 16  Grand Rounds, "A National Organ Allocation System for Canada - Can it Work?"

Ogborn, Malcolm Robert


CONTINUING MEDICAL EDUCATION

Blydt-Hansen, Tom David

2007 Jan 01 - 2007 Dec 31  CME Lectures, Pediatric Nephrology Academic PresentationsSt. Boniface Newborn RoundsCME, Children's Hospital
2007 Jan 01 - 2007 Dec 31  CME Lectures, Canadian Transplant Fellows SymposiumYoung Investigators Group
2007 Jan 01 - 2007 Dec 31  CME Lectures, Nephrology Academic Half Day

STUDENT SUPERVISION

Birk, Patricia Elizabeth

2004 Jan - 2006 Dec  E. Saffiuk, Summer Studentship, Manitoba Institute of Child Health, Supervisory Role: Primary Supervisor

Ogborn, Malcolm Robert

2001 Jan - present  Deepa Sankaran

Neurology

Medical Staff (2006-2007)

Section Head
Frances Anne Booth, MD, FRCPC (Ped)
Michael Sabah Salman, BSc (Hon), MB BS, DCH, MRCP, MSc (Dist), PhD
Mubeen Fatima Rafay, M.D.
Charuta Narayan Joshi, MD, FRCP(C) *left as of 2007
Namrata Samir Shah, FRCPC

Section Staff (2006-2007)
Administrative Assistant  Linda Trudeau  
Secretary III   Jacqueline Karlowsky  
Secretary II   Carol Wysocki  
Nurse Clinician  Donna Kilburn  
Daisy Kumar  
Ingrid Scham  
Senior EEG Technologist   Jill Patrick  
General Duty Technologists   Christina Peacock  
Dorothy Siemak  
EEG Technicians   Paula Melendres  
Leanne Sanche  

HONOURS & AWARDS

Rafay, Mubeen Fatima

2006 Masters Thesis entitled “Components and Predictors of Delay to the Diagnosis of Acute Pediatric Ischemic Stroke in children” nominated for the Best Thesis Presentation of the year

Salman, Michael Sabah

2007 Jun Clinical teaching award for excellence in Pediatric Undergraduate Medical Education, Department of Pediatrics and University of Manitoba, Received

2006 Jul - 2007 Jun Clinical Teaching award for a hospital-based pediatrician, Dept. of pediatrics and child health, Received

2006 Jul - 2007 Jun Clinical teaching award, Children’s Hospital, Nominated

2006 Francis McNaughton Memorial Prize, Canadian Neurological Society

2005 - 2006 Faculty travel fund competition, University of Manitoba

RESEARCH ACTIVITIES

GRANTS

Clinical Trial - Research

2004 - present Shah, Namrata Samir Site Investigator  
“Canadian Multicentre Pediatric Neurology Study on Demyelinating Disease in Children (Clinically Isolated Syndrome) ”.

Operating Grants - Research

2007 - 2008 Booth, Frances Anne Principal Investigator  
Source: MICH Total Amount: $16,000  
International Pediatric Stroke Study: Towards the Establishment of Standards of Practice and the Initiation of Multi Centre, Multi Clinical Trials for Neonates and Children with Strokes

2006 - 2008 Booth, Frances Anne Principal Investigator  
Source: MICH Total Amount: $5,000  
International Pediatric Stroke Study: Towards the Establishment of Standards of Practice and the Initiation of Multi Centre, Multi Clinical Trials for Neonates and Children with Strokes
Research Operating Funds - Research

2007 Oct  Salman, Michael Sabah  Co-Investigator
Source: Manitoba Institute of Child Health (The)  Total Amount: $5,000
"The epidemiology and natural history of chronic ataxia and posterior fossa anomalies in the pediatric population in Manitoba"

2007 Oct  Salman, Michael Sabah  Principal Investigator
Source: The Manitoba Institute of Child Health  Total Amount: $5,000
The epidemiology and natural history of chronic ataxia and posterior fossa anomalies in the pediatric population in Manitoba.

2007 Oct - 2008 Oct  Rafay, Mubeen Fatima  Principal Investigator
Source: Children's Hospital Foundation, Manitoba Institute of Child Health  Total Amount: $16,000
Special Grant for the participation and population based research with the International Pediatric Stroke Study

2006 Sep - 2008 Sep  Rafay, Mubeen Fatima  Principal Investigator
Source: Manitoba Institute of Child Health  Total Amount: $5,000
Small grant for the Winnipeg Children’s Hospital participation in the International Pediatric Stroke Study

PRESENTATIONS

Invited Presentation - Research

**Rafay, Mubeen Fatima**

2007 Dec  Arterial Ischemic Stroke in Neonates and Children. Pakistan Institute of Neurological Sciences 7th International Neurology update held at the Aga Khan Medical University Hospital. Karachi, Pakistan

2007 Dec  Traditional and New Antiepileptic Medications. Pediatric Grand Rounds at the Aga Khan Medical University Hospital. Karachi, Pakistan

**Salman, Michael Sabah**

2006 Nov  The clinical consequences of cerebellar disorders on eye movements and cognitive processing. Department of Psychology, University of the Balearic Islands, Palma de Mallorca, Spain, Nov., 2006.

2006 Jun  The cerebellum and eye movements. 10th International Child Neurology Congress, Montreal.


Poster Presentation - Research

**Salman, Michael Sabah**

2007 Oct  Salman MS, Sharpe JA, Lillakas L, Steinbach MJ. Square wave jerks in children and adolescents. Child Neurology Society annual meeting. Quebec City, Quebec, Canada


Grand Rounds - Education

**Rafay, Mubeen Fatima**

2007 Dec  Childhood Seizures and Epilepsy. Pediatric Grand Rounds at the Aga Khan Medical University Hospital. Karachi, Pakistan

2007 Oct  Cerebral Vasculopathies & Infections in Pediatric Arterial Ischemic Stroke. Neurosciences Rounds at the Health Sciences Centre. Winnipeg, Manitoba, Canada

2007 Mar  Challenges in the Diagnosis of Pediatric Stroke. Neurosciences Rounds at the Health Sciences Centre. Winnipeg, Manitoba, Canada

2007 Feb  Diagnostic Delays in Acute Pediatric Arterial Ischemic Stroke. Pediatric Research Rounds at the Manitoba Institute of Child Health. Winnipeg, Manitoba, Canada

2006 Dec  Newborn Stroke. Neonatal Grand Rounds at the St. Boniface Hospital. Winnipeg, Manitoba, Canada

2006 Jun  Childhood Stroke and Spectrum of Childhood Vasculopathies. Pediatric Grand Rounds at the Ag Khan university Hospital. Karachi, Pakistan

2006 May  Diagnostic Delays in Children with Acute Arterial Ischemic Stroke. Pediatric Neurology Grand Rounds at the Hospital for Sick Children, University of Toronto. Toronto, Ontario, Canada

**PUBLICATIONS**

**Articles in Journals (Refereed) - Research**

**Booth, Frances Anne**


**Rafay, Mubeen Fatima**


**Salman, Michael Sabah**


**Shah, Namrata Samir**

2006 May  Joshi CN, Booth FA, Sigurdson ES, Bolton JM, Shah NS. "Postictal psychosis in a child". Pediatr Neurol
Conference Papers in Proceedings (Refereed) - Research

Salman, Michael Sabah

2006 Salman MS. The cerebellum and eye movements. Proceedings of the 10th International Child Neurology Congress. Published by Medimond and indexed by Current Contents, ISI, Philadelphia, USA, 2006; 113-119. Published. Role: Primary/Senior Author

Abstracts - Research

Joshi, Charuta Narayan


Rafay, Mubeen Fatima


Salman, Michael Sabah


TEACHING ACTIVITIES

UNDERGRADUATE TEACHING

Booth, Frances Anne
1981 - present  Lectures (excl prep time), Medical Rehabilitation students, Annual lecture series

Joshi, Charuta Narayan
2006 Jan 01 - 2006 Dec 01  Coordinator, Med 3, Academic half day

POSTGRADUATE TEACHING

Joshi, Charuta Narayan
2005 Jul 01 - 2006 Jun 30  Academic Half Day - Pediatrics, This is teaching done while on call

Salman, Michael Sabah
2006 Mar 16  Grand Rounds, “The uses and abuses of EEG"

CONTINUING MEDICAL EDUCATION

Joshi, Charuta Narayan
2005 Jul 01 - 2006 Jun 30  CME Lectures
Residents (2006/2007)

First Year
Dr. Jennifer D’Mello
Dr. Sarah Goldner
Dr. Kristin Hamilton
Dr. Joanne Hamilton
Dr. Essam Howayyer
Dr. Amie Kowalczyk
Dr. Michelle Halbrich (Genetics)
Dr. Dr. Layla Ismail
Dr. Diana Soochan
Dr. Jason Tapper

Second Year
Dr. Elissa Abrams
Dr. Julianna Borbely
Dr. Jennifer Coombs
Dr. Lindsay Long
Dr. Adena Madison
Dr. Mosarrat Qureshi
Dr. Andrea Wilkie
Dr. Eiman Al-Selahi
Dr. Saleh Al-Harbi

Third Year
Dr. Jared Bullard
Dr. Marni Hanna
Dr. Chris Hohl
Dr. Shareef Mustapha
Dr. Daryl Schantz
Dr. Abdalla Ali
Dr. Faisal Al-Somali

Fourth Year
Dr. Tanya Buors
Dr. Andrew Dixon
Dr. Sergio Fanella (ID Fellow)
Dr. Eddsel Martinez

The PGME has an organized Committee that oversees all functions pertinent to the achievement of the educational objectives of the Residency Program. The Committee meets monthly to discuss focal issues and consists of adequate representation from all involved in the daily tasks of administration, research, learning and teaching.

PGME COMMITTEE MEMBERS

<table>
<thead>
<tr>
<th>REPRESENTATION</th>
<th>TERM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheryl Greenberg, MD, FRCPC</td>
<td>Department Head</td>
</tr>
<tr>
<td>Malcolm Ogborn, MD, FRCPC</td>
<td>Resident Research</td>
</tr>
<tr>
<td>Milton Tenenbein, MD, FRCPC</td>
<td>Section Head Rep</td>
</tr>
<tr>
<td>Aaron Chiu, MD, FRCPC</td>
<td>Fellowship Directors Rep.</td>
</tr>
<tr>
<td></td>
<td>St. Boniface Rep.</td>
</tr>
<tr>
<td>Margo Lane, MD, FRCPC</td>
<td>GFT</td>
</tr>
<tr>
<td>Jayson Stoffman, MD, FRCPC</td>
<td>GFT</td>
</tr>
<tr>
<td>Ruth Grimes, MD, FRCPC</td>
<td>PT-Section Head – Comm.Peds.</td>
</tr>
</tbody>
</table>
RESIDENT COMMITTEE MEMBERS

Dr. Tanya Buors  Chief Resident  until April 2007
Dr. Andrew Dixon  Chief Resident  until June 2007
Dr. Marni Hanna  Third Year Resident  current
Dr. Lindsay Long  Second Year Resident  current
Dr. Adena Madison  Second Year Resident  current
Dr. Sarah Goldner  First Year Resident  current
Dr. Jennifer D’Mello  First Year Resident  current

RESIDENCY TRAINING Academic Sessions:

Formal Rounds

• Intake Rounds (twice weekly)
• Service/Potpourri/Subspecialty/Trauma Rounds (weekly)
• Academic Half-Day (weekly)
• Pediatric Grand Rounds (weekly)
• Research/Epidemiology Rounds (weekly)
• Journal Club (monthly)
• Subspecialty Rounds (weekly)

Workshops

• Transition to Senior Resident Workshop (Annual)
• Canadian Pediatric Chief Residents’ Skills Workshop (Annual)

OSCE Sessions (Objective Structured Clinical Evaluation)

• OSCE stations are held twice a year (fall and spring) with another session given exclusively for the Senior Residents prior to the RCPCS examination

Mandatory courses

• PALS (Pediatric Advanced Life Support) in first year
• NRP (Neonatal Resuscitation Program) in first year
• Practice Management
• Quality & Balanced Scorecard Workshop
• ATLS (Advanced Trauma Life Support Provider Course)
• TIPS (Teaching Improvement Project Systems)

Annual National Pediatric Resident and Fellow Competition, Winnipeg, MB

The Department of Pediatrics and Child Health, University of Manitoba, Winnipeg, together with the support of the Manitoba Institute of Child Health (A Division of the Children’s Hospital Foundation of Manitoba, Inc.) hosts the National Pediatric Resident and Fellow Research Competition annually. We invite participation from the Pediatric Training centers across Canada, with the aim to stimulate research and scholastic endeavors by both Pediatric core and subspecialty trainees and to allow interaction between the different academic programs. We have been hosting this annual event since 1988 (18 years). Each Department selects a representative each for the Resident and the Fellow Categories. There is one winner for each category.
• Resident Research Awards:
  o Dr. Allison Dart – University of Manitoba  Fellow category
    University of Manitoba Pediatric Resident and Fellow Research Competition
  
  o Dr. Niina Kleiber – Université du Montréal  Resident category
    National Pediatric Resident and Fellow Competition, Winnipeg MB
  
  o Dr. Chloe Joynt – University of Alberta  Fellow category
    National Pediatric Resident and Fellow Competition, Winnipeg, MB

OTHER RESIDENT ACTIVITIES:
• Welcome Party
• Fall Retreat
• Holiday Dinner
• Appreciation Dinner
• Spring retreat
• Farewell Dinner

RCPSC EXAMS
Dr. Tanya Buors  Dr. Andrew Dixon  Dr. Sergio Fanella
Dr. Eddsel Martinez

SUBSPECIALTY TRAINING PROGRAM:

The PGME Office also coordinates the education of Pediatrics graduates who wish to undertake Subspecialty Training through its involvement in overseeing the applications process and other matters relevant to the fulfillment of the didactic goals of the individual Subspecialty Programs and the RCPSC. Further training in the following specialized fields in Pediatrics are offered - Allergy & Clinical Immunology, Nephrology, Neonatal-Perinatal Medicine, Genetics and Metabolic Medicine, Respirology, Infectious Disease, Developmental Pediatrics, Hematology and Oncology, Emergency Medicine, and Sports Medicine. The PGME Director chairs quarterly Subcommittee meetings.

PEDIATRICS SUBSPECIALTY SUBCOMMITTEE
Chair:  Dr. Raquel Consunji-Araneta as of April 1, 2006

<table>
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<tr>
<th>COMMITTEE MEMBERS</th>
<th>REPRESENTATION</th>
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<tr>
<td>Alan Becker, MD, FRCPC</td>
<td>Pediatric Allergy &amp; Clinical Immunology</td>
<td>till June 2006</td>
</tr>
<tr>
<td>Nestor Cisneros, MD, FRCPC</td>
<td>Pediatric Allergy &amp; Clinical Immunology</td>
<td>since July 2006</td>
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<tr>
<td>Kristen Pederson, MD, FRCPC</td>
<td>Pediatric Nephrology</td>
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<tr>
<td>Aaron Chiu, MD FRCPC</td>
<td>Neonatal – Perinatal Medicine</td>
<td>current</td>
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<tr>
<td>Bernard Chodirker, MD, FRCPC</td>
<td>Genetics and Metabolism</td>
<td>current</td>
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<tr>
<td>Louise Giles, MD, FRCPC</td>
<td>Pediatric Respirology</td>
<td>current</td>
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<tr>
<td>Joanne Embree, MD, FRCPC</td>
<td>Pediatric Infectious Diseases</td>
<td>current</td>
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<tr>
<td>Sally Longstaffe, MD, FRCPC</td>
<td>Developmental Pediatrics</td>
<td>current</td>
</tr>
<tr>
<td>Patricia McCusker, MD, FRCPC</td>
<td>Pediatric Hematology and Oncology</td>
<td>current</td>
</tr>
<tr>
<td>Lynne Warda, MD, FRCPC</td>
<td>Pediatric Emergency Medicine</td>
<td>current</td>
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<tr>
<td>Merrilee Zetaruk, MD, FRCPC</td>
<td>Pediatric Sports Medicine</td>
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</tbody>
</table>
Subspecialty Resident Trainees
July 2006 – June 2007

Dr. Mohammed Barzanji (Saudi – Respirology)
Dr. Abdulrahman AlMohammedi (Saudi – Respirology)
Dr. Cecilia de Cabo (Transport Funded - Neonatology)
Dr. Shahid Ali Syed (Transport Funded - Neonatology)
Dr. Fabiana Postolow (Transport Funded - Neonatology)
Dr. Ibrahim Ali (Transport Funded - Neonatology)
Dr. Amal Zubani (Saudi Funded - Neonatology)
Dr. Jubara Alallah (Saudi Funded - Neonatology)
Dr. Fahad Al-Sufayan (Saudi Funded - Neonatology)
Dr. Maha Bamehrez (Saudi Funded - Neonatology)
Dr. Allison Dart (MATH - Nephrology)
Dr. Sergio Fanella (MATH Funded – Pediatric Infectious Diseases (ID))
Dr. Ahmed Al-Suwaidi (United Arab Emirates – Pediatric ID)
Dr. Tannis Wiebe (MATH Funded – Child Development)
Dr. Michelle Halbrich (MATH Funded – Medical Genetics)
Dr. Michael Tan (MATH Funded – Medical Genetics)
Dr. Mariya Kozenko (MATH Funded – Medical Genetics)
Dr. Julie Richer (MATH Funded – Medical Genetics)
Dr. Alison Rusnak (MATH Funded – Medical Genetics)

PROGRAM DIRECTOR COMMITTEE INVOLVEMENT:

- Department of Pediatrics & Child Health Committees
  - Departmental Postgraduate Medical Education Committee
  - Executive and Planning Committee
  - Education Coordinating Committee
  - Section Heads Committee

- Faculty of Medicine, University of Manitoba Committees
  - Faculty Postgraduate Medical Education Committee

- National Committees
  - Royal College Pediatrics Subcommittee - Member
  - Canadian Pediatric Training Program Directors Committee

Pediatric Intensive Care Unit (PICU)

Medical Staff (2006-2007)

Section Head
Murray Samuel Kesselman, MD, FRCPC, LMCC
Tanya Lynn Drews, MD, BSc, FRCPC, FAAP, LMCC
Hancock, Betty Jean MD, FRCSC
Bryan David Magwood, MD, FRCPC
Samir Hasmukh Shah, MD, FRCPC
Stasa Veroukis, MD, FRCPC *joined 2008

Section Staff (2006-2007)
TEACHING ACTIVITIES

POSTGRADUATE TEACHING

Kesselman, Murray Samuel
2007 Jan 25 Grand Rounds, Rapid Response Team

Magwood, Bryan David

STUDENT SUPERVISION

Shah, Samir Hasmukh
2006 Jan 01 - present Ms Lynnsey Cattani, B. Sc Medical Student Project Supervision, University of Manitoba

Pediatric Undergraduate Medical Education (UGME)

Pediatric UGME Program Director
Dianne Moddemann, MD, MEd, FRCP, FAAP

Program Coordinator
Dawna Ventura, MA

Clinical Nurse Coordinator
Linda Rempel, BN, MScA

Associate Program Director
Jeff Hyman, MD, FRCP

Pre-Clerkship Coordinator
Ana Hanlon-Dearman, MD, MSc, FRCP, FAAP

ITC Coordinator
Sylvia Kovnats, MD, FRCP

HONOURS & AWARDS

Clerkship Most Outstanding Clinician:
Dr. J. Hyman, Dr. B. Magwood

Nominated - Teaching Excellence:
Dr. T. Blydt-Hansen

Nominated - Most Outstanding Clinician:
Dr. S. Kovnats, Dr. S. Lum Min

Nominated - Most Outstanding Resident:
Dr. F. Al Somali, Dr. J. D’Mello, Dr. L. Long

Departmental Teaching Award Winners
Resident:
Dr. D. Schantz

Pediatricians:
Dr. M. Salman, Dr. W. Robinson

Respirology

Medical Staff (2006-2007)
Section Head
Hans Pasterkamp, MD, FRCPC, LMCC
Brenda Louise Giles, MD, FRCP(C), FAAP
Raquel Consunji-Araneta, MD, BSc

Section Staff (2006-2007)

Nurse Clinician
Jane Mayo
Karen Wachnian

Clinic Nurse
Shirley Penner

Pulmonary Technologist
Danny Castillo

Pulmonary Technician
Jessica Holbrow

Pulmonary Technologist
Mel Peters

Polysomnography Technologist
Giuliana Viselli

Unit Clerk
Eloisa Abades
Joanne Somers

Administrative Assistant
Pat MacIntosh

Secretary
Sylvia Osodo-Simiyu
Joyce Szyja

RESEARCH ACTIVITIES

GRANTS

Operating Grants - Research

2006 Jan - 2009 Dec Pasterkamp, Hans Co-Investigator

Source: Manitoba Institute of Child Health & Children’s Hospital Foundation of Manitoba

Total Amount: $1,200,000

The Biology of Breathing Research Theme

PRESENTATIONS

Invited Presentation - Research

Giles, Brenda Louise

2006 Modern Medicine-Orphaned Disease. Princess Marina Hospital, Gabarone Botswana.

2006 ECSOD in Developing Lungs. NTPAAR program, University of Manitoba.

Poster Presentation - Research

Giles, Brenda Louise

2006 Jul 07 Giles BL, Seifert B. Nebulized Cidofovir for Recurrent Respiratory Papillomatosis: A case report. CIPP.

2006 Apr Bratu I, Giles BL, Barzanji M, Hossain D. Videoscopic-assisted thoracic surgery (VATS) pleural biopsy for Blastomycosis empyema. IPEG (Congress for Endosurgery in Children).

2006 Kadkhodayan R, Mellow L, Gutsol A, Dakshinamurti S, Giles BL. ECSOD and eNOS expression & distribution in neonatal hypoxic pulmonary hypertension. APS-SPR.

2006 Lizotte PP, Hanford LE, Enghild J, Nozik-Grayck EL, Giles BL, Oury TD. Developmental regulation of the receptor for advanced glycation end products and its response to hyperoxia in the neonatal rat lung. APS-SPR.

PUBLICATIONS

Articles in Journals (Refereed) - Research

Pasterkamp, Hans


**2006**


**Books & Monographs - Authored - Education**

**Pasterkamp, Hans**


**TEACHING ACTIVITIES**

**POSTGRADUATE TEACHING**

**Consunji-Araneta, Raquel**

2006 May 11 Grand Rounds, "Waking Up to Sleep"

**Giles, Brenda Louise**

2007 Jan 11 Grand Rounds, "Supporting the lungs outside the ICU: Technology Dependent Children"

**Pasterkamp, Hans**

2006 Mar 02 Grand Rounds, "Wheezing: Pathologic, Diagnostic, and Epidemiologic Significance"

**STUDENT SUPERVISION**

**Giles, Brenda Louise**

2005 Jan - 2006 Dec present Roya Kadkhodayan, Ph.D., Role of nitric oxide synthase in the regulation of extracellular superoxide dismutase in neonatal lung

Kadkhodayan R., Student Thesis: Extracellular Superoxide Dismutase Interaction with Endothelial Nitric Oxide Synthase in Neonatal Rat Lung Does Not Occur Within the Caveolin

**Pasterkamp, Hans**

2005 Jul - 2006 Jun 2002 Jan - present José Antonio Fiz, MD, Supervisor, Post-doctoral Fellow

January Gnitecki, Ph.D., Electrical Engineering, Ph.D., Co-supervisor, Thesis: Modeling airflow-specific respiratory sounds as indicators of airway status in children

**Rheumatology**

**Medical Staff (2006-2007)**

**Section Head**

Kiem Giauw Oen, MD, BA

**Section Staff (2006-2007)**

**Secretary & Clinic Clerk**

Johanna Christensen

**Clinic Nurse**

Colleen Siderius
CLINICAL ACTIVITIES

<table>
<thead>
<tr>
<th>Dates</th>
<th>Specialty/activity</th>
<th># of occurrences</th>
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<td>Jan-June 2006</td>
<td>Pediatric rheumatology in-patient admissions</td>
<td>3</td>
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<td>Jan-June 2006</td>
<td>Pediatric rheumatology in-patient consults and concomitant care</td>
<td>48</td>
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<td>Jan-June 2006</td>
<td>Immunology in-patient consults</td>
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<td>July-Dec 2006</td>
<td>Pediatric rheumatology in-patient admissions</td>
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<td>Pediatric rheumatology in-patient consults and concomitant care</td>
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<td>Pediatric rheumatology in-patient consults and concomitant care</td>
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<tr>
<td>July-Dec 2007</td>
<td>Immunology in-patient consults</td>
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RESEARCH ACTIVITIES

GRANTS

Operating Grants - Research

2007 - 2012
Oen, Kiem Giauw
Principal Investigator
Source: CIHR, Canadian Arthritis Network, The Canadian Arthritis Society – National Research Partnership in Inflammatory Joint Diseases
Biologically based outcome predictors in juvenile idiopathic arthritis
Total Amount: $1,125,000

2007 - 2009
Oen, Kiem Giauw
Principal Investigator
Source: Public Health Agency of Canada
Juvenile Idiopathic Arthritis in Canada,(Canadian Pediatric Surveillance Program,Canadian Pediatric Society)
Total Amount: $85,000

2004 Jul - 2009 Jun
Oen, Kiem Giauw
Principal Investigator
Source: Canadian Institutes of Health Research
New onset juvenile idiopathic arthritis: a Canadian multi-centre collaborative outcomes study
Total Amount: $998,000

Research Operating Funds - Research

2007 - 2012
Oen, Kiem Giauw
Principal Investigator
Source: CIHR
Determinants of risk and outcome in inflammatory arthritis
Total Amount: $2,000,000

2006 Jul - 2010 Jul
Oen, Kiem Giauw
Principal Investigator
Source: Manitoba Institute of Child Health
Biologically based outcome predictors in juvenile idiopathic arthritis
Total Amount: $40,000
PRESENTATIONS

Invited Presentation - Research

**Oen, Kiem Giauw**


2006 May  Oen K. Rheumatic diseases in North American aboriginal populations, Winnipeg, May 2006. Canadian Society for Medical and Laboratory Science Congress.

PUBLICATIONS

Articles in Journals (Refereed) - Research

**Oen, Kiem Giauw**


Abstracts - Research

**Oen, Kiem Giauw**


TEACHING ACTIVITIES

UNDERGRADUATE TEACHING

**Oen, Kiem Giauw**

2007 Oct 30  Tutorial, Med 1, Immunology tutorial: immunocompromised h
2007 Feb 13 - 2007 Feb 13 Lectures (excl prep time), Musculoskeletal/ Med II, Juvenile arthritis
2007 Jan 03 Clinical Skills Evaluations, Clinical Skills/ Med III, General Pediatrics
2006 Oct 25 Tutorial, Clinical Immunology/ Med II, Clinical Immunology, Immunocompromised host
2006 Oct 25 Tutorial, Med 1, Immunology tutorial

## POSTGRADUATE TEACHING

**Oen, Kiem Giauw**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
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<tbody>
<tr>
<td>2007 Oct 10</td>
<td>Fellow - Teaching, Rehabilitation Medicine Academic half day</td>
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<tr>
<td>2007 Oct 03</td>
<td>Academic Half Day - Pediatrics, Pediatric rheumatology</td>
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<tr>
<td>2007 Jul 13</td>
<td>Fellow - Teaching, students: Rheumatology residents. Topic: HLA</td>
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<tr>
<td>2007 May 24</td>
<td>Divisional Seminars / Journal Club, Rheumatic disease in aboriginal populations, background; and Genetics of RA and cytokine gene polymorphisms in First Nations</td>
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<td>2007 Mar 03</td>
<td>Academic Half Day - Pediatrics, Pediatric rheumatology</td>
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<td>2007 Feb 07</td>
<td>General Pediatrics Morning Report, Pediatric residents clinical teaching round</td>
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<td>2006 Oct 11</td>
<td>Academic Half Day - Pediatrics, Pediatric rheumatology</td>
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<tr>
<td>2006 Sep 02</td>
<td>Divisional Seminars / Journal Club, Rheumatology journal club: abstract reviews</td>
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<td>2006 Jul 13 - 2006 Jul 27</td>
<td>Fellow - Teaching, Rheumatology basic science</td>
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<td>2006 May 01 - 2006 May 05</td>
<td>Teaching Rounds, Rheumatology rounds. Topic: mind and inflammation</td>
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<td>2006 Mar 15</td>
<td>Academic Half Day - Pediatrics, Pediatric rheumatology</td>
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<td>2006 Feb 08</td>
<td>Teaching Rounds, Pediatric rheumatology</td>
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</table>

## CONTINUING MEDICAL EDUCATION

**Oen, Kiem Giauw**

<table>
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<tr>
<th>Date</th>
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<tr>
<td>2007 Feb 02</td>
<td>CME Lectures, Family Practitioners. Juvenile arthritis</td>
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<tr>
<td>1980 - 2006</td>
<td>CME Lectures, Pathology and Clinical Manifestation of Musculoskeletal Disorders Course No. 68.241, School of Medical Rehabilitation</td>
</tr>
</tbody>
</table>

## St. Boniface Pediatrics

**Medical Staff (2006-2007)**

*Section Head *as of July 2007

Sylvia Florence Kovnats, MD, FRCPC, LMCC
Darcy Beer, MD *joined 2008
Allan Iver Cameron, MD
David Alexander Ian Grewar, MD

*Section Head *until July 2007

Nigel Thomas MacDonald, MD, ChB, FRCPC
Jaret McLeod MD, FRCPC *until June 2008
Shareef Mustapha, MD *joined 2008

**Director, Newborn Follow-Up Clinic**

Dianne Moddemann, MD, MED, FRCPC, FAAP

**Section Staff (2006-2007)**

**Program Director, Woman & Child Program**

Noellie Lavergne

**Coordinator, Pediatric Outpatient Nursing**

Darlene Mihalcuk
### Program Team Manager, ACF Pediatrics, NICU
Sue McMahon

### Program Team Manager, FAU, Labour & Delivery
Susan Mussell

### Program Team Manager, Integrated Family-Centered Care, Antepartum/Gynecology
Rose Reimer

### Perinatal Discharge Coordinator
Charlotte Roy-Johnson

### Nursing Staff
- Naomi Granke
- Susan Moore
- Cathy Klassen
- Debbie Jerema
- Laurie Bobula
- Ceceile Porter

### Unit Clerk
Alicial Roul

### Nurse Educator
Dallas Baulmer

### Social Worker, Neonatal Follow-Up
Margaret Schinkel

### Clinical Dietician, Neonatal Follow-Up
Cathy Blacklin

### Occupational Therapist, Neonatal Follow-Up
Karen Efron

### Physical Therapist, Neonatal Follow-Up
Dianne Friesen

### Audiology
Lue Shennan

### Speech Language Pathologist
Kim Poole

### Administrative Assistant
Tracy Laporte