

I would like to begin this letter with a note of appreciation.

Here in the Faculty of Health Sciences everyone is working very hard, and I would like to recognize and thank faculty and staff members for your creativity and effort. Together, this team works well to enhance the student experience and to continue to foster innovation at all levels.



In keeping with the Faculty of Health Sciences' commitment to produce the leaders of tomorrow, the first half of 2013 saw wonderful achievements within our classrooms, laboratories and the community. In this newsletter, I am pleased to update you with a sampling of our most important accomplishments.

The School of Nursing hosted an initiative this year, creating bridges with the Hamilton community. A three-day think tank explored current community engagement activities; priority issues in Hamilton neighbourhoods; and guiding principles for working together on Neighbourhood Action Plans.

Construction of the Halton McMaster Family Health Centre in Burlington began in March. The centre will move to the new building, shared by Joseph Brant Hospital and the University, early next year. Health care providers will see about 45,000 visits per year and care for 10,000 patients.



■ Walter Reinisch, a clinician scientist and inaugural holder of the Audrey Campbell Chair in Ulcerative Colitis, speaking at the announcement of the chair.

In January, we opened a \$1.3-million anatomy laboratory for students of the Waterloo Regional Campus of the Michael G. DeGroot School of Medicine and the University of Waterloo's School of Pharmacy students, as part of further collaborations with the UW school.

I was pleased to have a Canadian midwifery pioneer Elaine Carty accept an honorary degree of science from McMaster at our Faculty's convocation in May. The founding director of the University of British Columbia's midwifery program is a renowned scholar who helped introduce midwifery into the Canadian health care system.

In addition, the work of our professors and researchers has led to substantial research investment in our Faculty. We have had good success with tri-council grants and received a \$30-million commitment for research funds over the next decade from the Heart and Stroke Foundation.

Faculty members garnered three of the 11 large grants from the Health System Research Fund competition of the Ontario Ministry of Health and Long Term Care. This included professors Michael Boyle and Katholiki Georgiades; professor John Lavis as well as professor Jenny Ploeg and associate professor Maureen Markle-Reid of the School of Nursing.

In May, Walter Reinisch, a professor with the Medical University of Vienna, was recruited as the first holder of the Audrey Campbell Chair in Ulcerative Colitis Research. This new endowed chair was established to improve the health of people with ulcerative colitis.

As well, Cisco Canada and the University announced the creation of two positions. The Professorship in Integrated Health Biosystems and a Research Chair in Bioinformatics are part of a plan to establish a university-wide research cloud computing environment and infrastructure.

The Faculty was also awarded two Canada Research Chairs: Maureen Markle-Reid is our first Canada Research Chair in Aging, Chronic Disease and Health Promotion Interventions and Nathan Magarvey is the Canada Research Chair in Natural Product Drug Discovery.

The Canadian Institutes of Health Research also awarded the Chair in Gender, Work and Health — Muscle and Tone to Joy MacDermid, assistant dean and professor of the School of Rehabilitation Science.

I want to recognize the many hours of commitment that staff involved in McMaster's Mosaic project are devoting to ensure the University operates in an efficient and effective manner. The enterprise resource planning system, along with the preparation for the University's new budget model, will bring important changes to McMaster's operations.

I have only briefly touched upon the achievements of some of our faculty and staff in the last few months. This newsletter shares much more of their successes. Remember, the most up-to-date news is available on our website at <http://fhs.mcmaster.ca>.



■ Professor Elaine Carty speaks to accolades received at the Faculty's convocation dinner.

The following people have been appointed or reappointed to senior roles in the Faculty of Health Sciences:

Sonia Anand, has been appointed as director of the Chanchlani Research Centre. The professor of medicine and clinical epidemiology and biostatistics holds the Eli Lilly Canada-May Cohen Chair in Women's Health and the Heart and Stroke Foundation/Michael G. DeGroot Chair in Population Health Research.

Jonathan Bramson has been appointed as director of the McMaster Immunology Research Centre. The professor of

pathology and molecular medicine holds the John Bienenstock Chair in Molecular Medicine.

Jan Willem Gorter has been appointed director of the CanChild Centre for Childhood Disability Research. An associate professor in pediatrics and an associate member of the School of Rehabilitation Science, Gorter is also the Scotiabank Chair in Child Health Research.

Jennifer McKinnell has been named director of the Health Sciences Library. The former head of public services and coordinator of undergraduate liaison

support joined McMaster's Health Sciences Library in 2000 as an education liaison librarian.

Peter Margetts has been re-appointed as director of the MD/PhD program of the Faculty of Health Sciences. An associate professor in the nephrology division in the Department of Medicine, Margetts has been director since 2008.

Kevin Sulewski has been appointed chief operating officer of the Faculty of Health Sciences. Sulewski has been with the Faculty since 1991 and has held various leadership roles, including his most recent position as executive director of clinical services.

Mohit Bhandari, professor of surgery, has been recognized with an award of outstanding merit by the American Society for Aesthetic Plastic Surgery Inc., the American Society of Plastic Surgeons and the American Academy of Facial Plastic and Reconstructive Surgery. He also received the Canadian Orthopaedic Association's Award of Merit for outstanding service.

Mick Bhatia, professor of biochemistry and biomedical sciences and scientific director and senior scientist of the Stem Cell and Cancer Research Institute, found the antipsychotic drug, thioridazine, kills cancer stem cells responsible for initiating leukemia without harming normal stem cells. The Canadian Cancer Society selected the discovery as one of the top 10 significant cancer research breakthroughs of 2012.

Gina Browne, professor of nursing and clinical epidemiology and biostatistics, has been honoured with the 2013 Canadian Foundation for Healthcare Improvement (CFHI) Excellence through Evidence Award. The award recognizes a health services leader who has implemented evidence-informed innovations in care and service delivery.

Hertzel Gerstein, professor of medicine and clinical epidemiology and biostatistics, received the Canadian Diabetes Association's 2012 Lifetime Achievement Award. The award is given to a prominent Canadian physician or medical scientist who is a leader in diabetes research and

has made long-standing contributions to the Canadian diabetes community.

Amanda MacLennan, an assistant clinical professor of family medicine, received the Elizabeth J. Latimer Prize in Palliative Care. The award is named in honour of Canadian pioneering palliative care physician and educator Elizabeth Latimer, a professor emeritus of McMaster's Department of Family Medicine who died last year.

Nathan Magarvey, assistant professor in biochemistry and biomedical sciences, has been named McMaster's Innovator of the Year. His most recent research discovered gold resistant bacterium can turn toxic water-soluble gold into a solid gold form, the first demonstration that gold resistant microbe secretes a metabolite that can protect against toxic gold. His projects have led to technologies and patent applications and connections with industry, including mining companies who are further validating the use of his discovery on the level of gold in soil samples.

Akbar Panju, professor of medicine and chief of medicine for Hamilton Health Sciences, was the recipient of the 2012 Hamilton Academy of Medicine's Distinguished Service Award. The award recognizes outstanding service to the community both as a physician and a public citizen.

Jeff Pernica, assistant professor of pediatrics, and his research team has been selected as Grand Challenges Canada

Stars in Global Health. The prize funds a clinical trial at a Botswana hospital that will use the newest molecular methods to identify which children have diarrhea caused by bacterial and parasitic intestinal infections or viruses. It is expected to identify patients who can benefit from treatment much sooner.

David Price, professor and chair of family medicine, is the recipient of the Hamilton Academy of Medicine's Distinguished Service Award for outstanding service to the community.

Scott Wooder, assistant clinical professor with family medicine, is the new president of the Ontario Medical Association. He has also been practising family medicine in Hamilton for more than 27 years.

Gerry Wright, professor of biochemistry and biomedical sciences and director of the Michael G. DeGroot Institute for Infectious Disease Research, has been elected to the fellowship of the American Academy of Microbiology. The Academy recognizes excellence, originality and creativity in the microbiological sciences.

Salim Yusuf, professor of medicine and scientific director of the Population Health Research Institute and Hamilton Health Sciences, is to become president of the World Heart Federation in January, 2015. The federation is recognized by the World Health Organization as its leading non-government organization (NGO) partner in cardiovascular disease prevention.

New Canada Research Chairs:

Nathan Magarvey, assistant professor of biochemistry and biomedical sciences, Tier 2 Canada Research Chair in Natural Product Drug Discovery

Maureen Markle-Reid, associate professor of nursing and clinical epidemiology & biostatistics, Tier 2 Canada Research Chair in Aging, Chronic Disease and Health Promotion Interventions

New Endowed Research Chairs:

Kathy Georgiades, assistant professor of psychiatry and behavioural neurosciences, David R. (Dan) Offord Chair in Child Studies

Jan Willem Gorter, associate professor of pediatrics, Scotiabank Chair in Child Health Research

Ryan Van Lieshout, assistant professor of psychiatry and behavioural neurosciences, Albert Einstein/Irving Zucker Chair in Neuroscience

Harriet MacMillan, professor of psychiatry and behavioural neurosciences and pediatrics, Chedoke Health Chair in Child Psychiatry

Derelie (Dee) Mangin, associate professor of family medicine, David Braley and Nancy Gordon Chair in Family Medicine

Michael McGillion, assistant professor of nursing, Heart and Stroke Foundation/Michael G. DeGroot Chair in Cardiovascular Nursing

Ameen Patel, professor of medicine, William J. Walsh Chair in Medical Education

Walter Reinisch, professor of medicine, Audrey Campbell Chair in Ulcerative Colitis Research

Endowed Chair and Professorship Reappointments:

Sonia Anand, professor of medicine and clinical epidemiology and biostatistics, Heart and Stroke Foundation / Michael G. DeGroot Chair in Population Health Research

John Cairney, associate professor of family medicine and clinical epidemiology and biostatistics, McMaster Family Medicine Professorship in Child Health Research

Stephen Collins, professor of medicine and Distinguished Professor, GlaxoSmithKline Chair in Gastroenterology

Christopher Fusch, professor of pediatrics, Hamilton Health Sciences Foundation / Jack Sinclair Chair in Neonatology

Magdalena Janus, associate professor of psychiatry and behavioural neurosciences and clinical epidemiology and biostatistics, Government of Ontario/Children's Secretariat Chair in Early Child Development

Paul O'Byrne, professor and chair of medicine, Moran Campbell Chair in Respiratory Medicine

Parminder Raina, professor of clinical epidemiology and biostatistics, Raymond and Margaret Labarge Chair in Research and Knowledge Application for Optimal Aging

Demetrios Sahlas, associate professor of neurology, Michael G. DeGroot Professorship in Stroke Management

Yaron Shargall, associate professor of thoracic surgery, Juravinski Thoracic Surgery Professorship

Salim Yusuf, professor of medicine and clinical epidemiology and biostatistics, Heart and Stroke Foundation / Marion W. Burke Chair in Cardiovascular Disease

G rard Simon, a professor emeritus in pathology and molecular medicine, who spearheaded the Faculty of Health Sciences' electron microscopy laboratories and became chairman of anatomical pathology for the laboratory medicine program, died in January at 82.



■ G rard Simon

He organized the first electron microscopy laboratory for the pathology department at the University of Geneva, Switzerland. He came to Canada in 1967 and worked at the Banting Institute in Toronto, eventually heading the Electron Microscopy Department.

In 1979, he directed the McMaster University Faculty of Health Science's electron microscopy laboratories and became chairman of Anatomical Pathology for the laboratory medicine program in Hamilton. He was a founding member of and major contributor to the Microscopical Society of Canada.

Clyde Hertzman, MD '79, who was an expert in early learning, died suddenly at age 59 in February.



■ Clyde Hertzman

He was recently awarded the Order of Canada for the central role he played in creating a framework linking population health to human development, and emphasizing the special role of early childhood development as a determinant of health. He had three degrees and his residency in community medicine from McMaster.

"His wonderful ability to energize and excite so many people in different walks of life was electric," said Jean Clinton, McMaster associate professor of psychiatry and a colleague of Hertzman.

He was director of the Human Early Learning Partnership at the University of British Columbia, and a professor at UBC's School of Population and Public Health which he joined in 1985.

Bruce Wainman, associate professor of pathology and molecular medicine, President's Award for Outstanding Contributions to Teaching and Learning

Kirsten Culver, assistant professor of nursing and **Patangi Rangachari**, professor emeritus in Bachelor of Health Sciences, McMaster Students Union Teaching Awards

Clerkship preceptor awards at the Michael G. DeGroote School of Medicine's 2013 oath ceremony for:

Greg Peachey, clinical professor of anesthesia, **Suneel Upadhye**, associate

professor of medicine, **Keyna Bracken**, assistant professor of family medicine, **Christian Kraeker**, assistant professor of medicine, **Cheryl Allaby**, assistant clinical professor of family medicine, **Steven Bates**, clinical professor of obstetrics and gynecology, **Jaydeep Moro**, assistant clinical professor of orthopaedic surgery, **Andrea Hunter**, assistant clinical professor of pediatrics, **Eli Tshibwabwa**, associate professor of radiology, **Sheila Harms**, assistant clinical professor of psychiatry and behavioural neurosciences, **Niv Sne**, assistant professor of surgery, **Jason Profetto**, adjunct assistant clinical professor of family medicine and Ari Shali Teaching Award, Niagara Teaching Award.

Other awards this spring went to:

Louise Sims, adjunct assistant clinical professor of family medicine, Waterloo Teaching Award.

Kim Hewitt, assistant clinical professor of the School of Rehabilitation Science, occupational therapy preceptor of the year award

Michael Greenspan, assistant clinical professor of urology, John C. Sibley Award for 2013. The award, named for a former associate dean of the Faculty, recognizes part-time faculty's outstanding contributions to the education of health professionals.

The Faculty of Health Sciences administers \$120 million in research funding. Here are research grants of \$100,000 and more between November 2012 and May 2013.

A significant grant from the Canadian Institutes of Health Research (CIHR) went to **Joy MacDermid**, School of Rehabilitation Science, Chair in Gender, Work and Health — Muscle and Tone. Other grants went to:

Russell Bishop, Kristin Hope, Ray Truant and **Gerry Wright** of the Department of Biochemistry and Biomedical Sciences; **Michael Boyle, Bruce Christensen, Ram K. Mishra** and **Zena Samaan** of the Department of Psychiatry and Behavioural Neurosciences; **Richard Austin, Deborah J. Cook, Anne Holbrook, Clive Kearon, Parmeswaran Nair, Greg Steinberg, Koon Teo, Jeffrey Weitz** and **Andrew Worster** of the Department of Medicine; **Mohit Bhandari** and **Richard Whitlock** of the Department of Surgery; **Melissa Brouwers** of the Department of Oncology; **John Cairney** of the Department of Family Medicine; **Christoph Fusch** of the Depart-

ment of Pediatrics; **Manel Jordana, Charu Kaushic, Guillaume Pare** and **Zhou Xing** of the Department of Pathology and Molecular Medicine; **Julia Abelson** and **Mark Oremus** of the Department of Clinical Epidemiology and Biostatistics.

CIHR grant renewals went to: **Lori Burrows** of biochemistry and biomedical sciences; **Clive Kearon** of medicine; **Zhou Xing** of pathology and molecular medicine.

The Natural Sciences and Engineering Research Council of Canada granted new funding to: **Jonathan Schertzer** and **Karun Singh** of biochemistry and biomedical sciences; **Parmeswaran Nair** of medicine; **Waliul Khan** and **Zhou Xing** of pathology and molecular medicine.

NSERC grant renewals went to: **Richard M. Epand** and **Murray Junop** of biochemistry and biomedical sciences; **Malcolm Sears** of medicine; **Monica Maly** of the School of Rehabilitation Science; **Thomas Hawke** of pathology and molecular medicine. Grants and renewals from other organizations:

For nursing, **Maureen Markle-Reid** (Labarge Foundation); psychiatry and behavioural sciences, **Benicio Frey, Henry Szechtman** (Ontario Mental Health Foundation) and **Michael Van Ameringen** (Hamilton Academic Health Sciences Organization); medicine, **Mark Larche** (Abbott Laboratories, Limited), **Nancy M. Heddle** (Sanguin), **Greg Steinberg** (Essential Therapeutics) and **Malcolm Sears** (AllerGen); surgery, **Michelle Ghert** (Canadian Cancer Society Research Institute) and **Mohit Bhandari** (Stryker Canada); oncology, **Anand Swaminath** (Canadian Cancer Society Research Institute); pediatrics, **Gabriel Ronen** (Hamilton Academic Health Sciences Organization), **Mark Tarnopolsky** (Canada Foundation for Innovation & Ontario Ministry of Economic Development and Innovation) and **Anthony Chan** (Pfizer Canada Inc.); CE&B, **Brian Haynes** (The McGraw-Hill Companies Inc.); School of Rehabilitation Science, **Cheryl Missiuna** (Central West Community Care Access Centre)

These excellent achievements are significant contributing factors to our national and international reputation as a leader for research and education. Congratulations to all of you.

Sincerely,



John G. Kelton, MD
Dean and Vice-President

