

DEAN'S REPORT

INTEGRATION INNOVATION IMPACT



UNIVERSITY OF TORONTO
FACULTY OF MEDICINE

Family Medicine resident Dr. Deema Abdul Hadi (right) confers with Dr. Sabrina Akhtar. Photo courtesy of the Department of Family and Community Medicine.



Message from the Dean

The key themes of Integration, Innovation and Impact will be the guiding principles for the development of our strategic plan during my second term as Dean of the University of Toronto's Faculty of Medicine.



I am proud of our Faculty's international stature and collective achievements of the past five years and am energized by the opportunities that the future presents to us. Working to improve the health of individuals and populations here in Canada and around the world is a daunting challenge, and the improvement of our health care system remains a priority in this country. We are uniquely positioned to build on our leadership position within the global biomedical research and education community and to lead the way to improving health.

The incredible efforts of our faculty, staff and students have earned the respect and regard of peer universities, affiliated partners and international colleagues as well as our public supporters. Although it is impossible to describe the many activities across all of our sectors and programs, through the pages of this report we outline how we have achieved this leadership role and, more importantly, the augmented value of our role as the bridge between communities at local, provincial, national and global levels. Through the lens of Integration, Innovation and Impact, I know you will share my immense respect for the academic work that is being done here in Toronto.

VISION

International leadership in health research and education

MISSION

We prepare future health leaders, contribute to our communities, and improve the health of individuals and populations, through the discovery, application and communication of knowledge

VALUES

Integrity in all of our endeavours

Commitment to innovation and excellence

Life-long learning and critical inquiry

Promotion of social justice, equity, diversity, and professionalism

Effective partnership with all our stakeholders

Multi-professional and interdisciplinary collaboration

Supportive and respectful relationships

Accountability and transparency within our academic communities and with the public

Responsiveness to our local, national, and international health care needs

Integration

Our Faculty is positioned in Canada's biggest city at the nexus of one of the great biomedical research, education and clinical care centres in the world. With 10 fully-affiliated hospitals and research institutes and 20 community-affiliated hospitals and clinical care sites, we offer unparalleled research and educational opportunities for our faculty and students. And with over 5,800 total academic faculty, close to 7,000 students at all levels and programs and 22,000 continuing education registrants, we have a learner population that is the largest, the most diverse and, I believe, the very best. Across our many departmental disciplines, hospitals and research institutes, we are an integrated community, leveraging the size and excellence of our faculty and student populations to create unique and optimal education and research opportunities.

Innovation

With culturally diverse and enthusiastic students, our acclaimed and award-winning faculty and esteemed partner institutions' fundamental task is to harness that collective energy and imagination. By translating new knowledge through the development of newer, faster, better and more cost effective ways to improve the lives and health of populations we will move efficiently from bench to bedside with the very latest discoveries. The University of Toronto is a founding member of MaRS Discovery District and the Faculty of Medicine on the St. George Campus sits at the fulcrum of that research community. Working with the University Innovations and Partnerships Office we are building a culture of intellectual property disclosure to bring discovery to application through commercialization. It is our intent to further enhance the rate of intellectual property disclosures, the number of industry contracts and to contribute to the return on investment of our research enterprise.

Impact

The output of our collective community results in a measurable, verifiable impact on human health. Throughout this document, we highlight some of the ways we are measuring our impact—be it the expansion of our education programs to meet the needs of a larger, better-trained cadre of health care professionals, or the volume of research funding attracted by our researchers or our international research rankings among the world’s top Faculties of Medicine. Simply put, our Faculty has improved health for millions around the globe.

Our impact is visible in our rankings recognizing our leadership in research as Canada intensifies its focus on the knowledge economy and application of discovery and innovation. Our impact is felt in the expansion and distribution of our education programs and their output into the health professions. It is measured by the innovations in curricular models that raise the bar in preparing world-class talent to work in a culture of research, scholarship, inter-professional care and patient safety. Finally our impact is substantiated by the merit and prestigious awards bestowed on our researchers, teachers and students by their colleagues.

None of these achievements would be possible without the outstanding team of faculty, staff and students, and the astonishing collaborators we have engaged in Toronto, across Canada and around the world. Importantly, the support of a group of extraordinary philanthropists who have come forward to invest in our Faculty has been a critical success factor. I am humbled by the enthusiasm and imagination our team applies to our collective work and inspired by the results we have, and will continue to achieve.



Catharine Whiteside, MD, PhD, FRCPC

Dean, Faculty of Medicine, Vice-Provost, Relations with Health Care Institutions



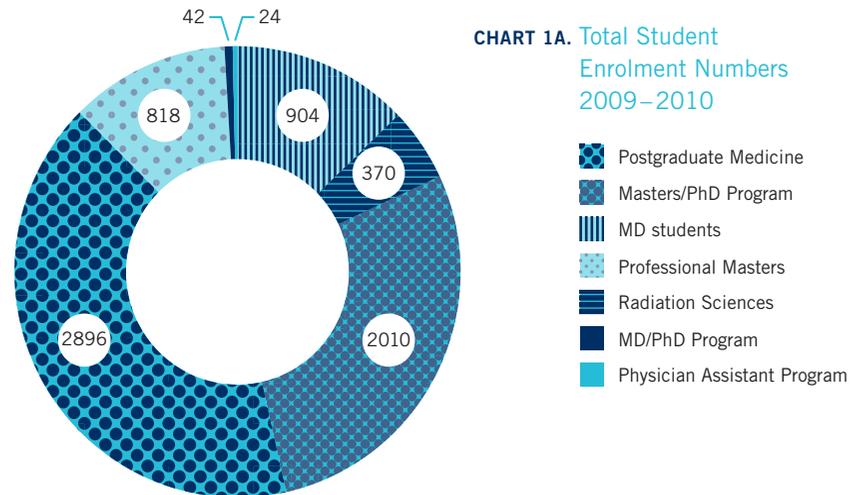
The Donnelly Centre for Cellular & Biomolecular Research, pictured at night on the University of Toronto campus. The centre brings together researchers from the Faculties of Medicine, Pharmacy and Applied Arts & Engineering and encourages multidisciplinary collaboration. Photo by Tom Arban

integration

Integration

The University of Toronto Faculty of Medicine is the destination of choice for increasing numbers of Canadian and international students who aspire to obtain a world class medical or health professional educational or training experience. The quality of our programs, faculty, teaching staff and the opportunities for integrated education available to students through our partnership in one of North America's strongest academic health sciences networks—the Toronto Academic Health Science Network (TAHSN)—is unrivalled in Canada, and ranks us among the top medical faculties in the world.

Demand and enrolment continue to increase across the board, and have been met by program expansion at both the undergraduate and postgraduate level. Over 7,000 students and trainees currently take part in our Faculty's education and research programs. This makes us the second largest Division of the University in student numbers and budget, following the Faculty of Arts and Science.



Entry to our Undergraduate Medical Program is the most competitive in Canada: there are more than 12 applications for each position. The percentage of students entering University of Toronto medical school with graduate degrees has also risen sharply, from 25% of the 2006 entrants to 40% of those accepted in 2010.

We take our social responsibility seriously. In response to the provincial government's Health Force Ontario strategies, our Faculty has responded to a province and nation-wide shortage of physicians by steadily increasing the number of medical student places.

Professor Mark Hanson
Associate Dean, Admissions

CHART 1B.
Increasing Medical Student Enrolment:
First Year (Four Year Program)

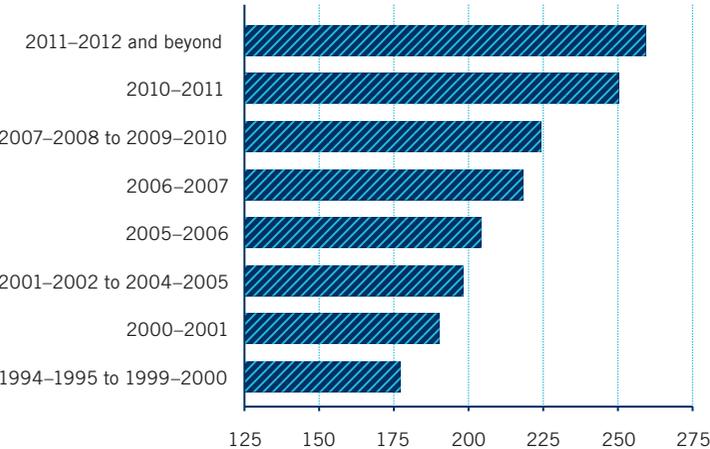
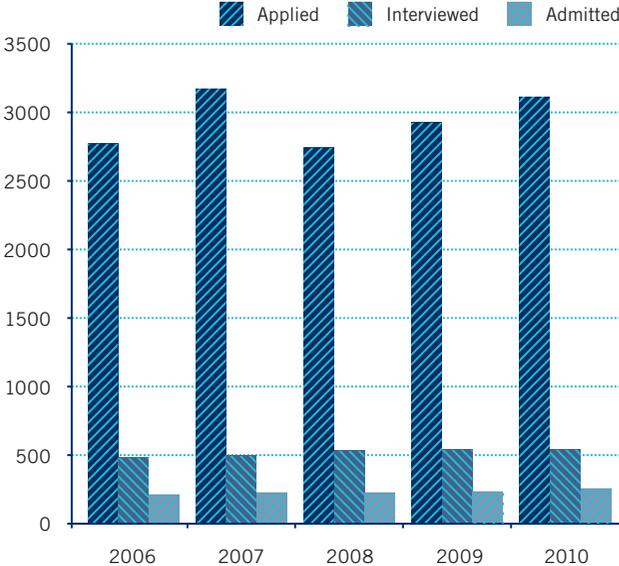


CHART 1C. Medical Student Admissions





Philanthropists Terrence Donnelly and Carlo Fidani donated a combined \$22 million to support the construction of the Terrence Donnelly Health Sciences Complex on the University of Toronto Mississauga Campus (inset). The building will be home to the new Mississauga Academy of Medicine. Photo by Matthew Plexman

Responding to Health Needs of Rapidly-Growing Communities

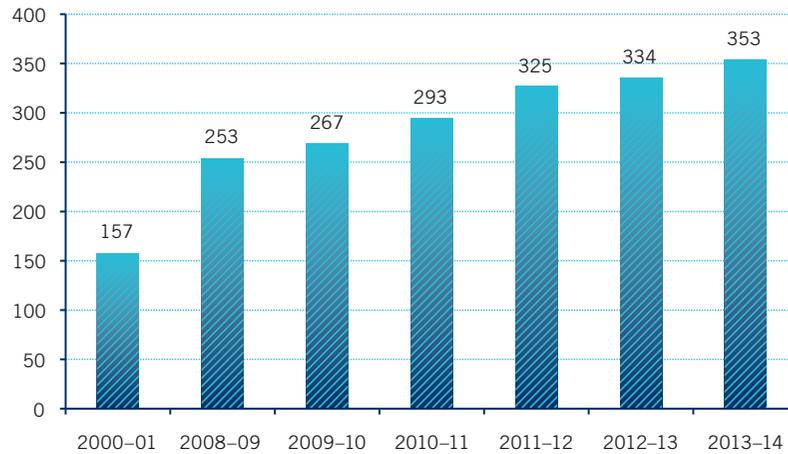
In September 2011, the Faculty's newest and fourth Academy of Medicine opens its doors in Mississauga, one of the fastest growing communities in the Greater Toronto Area. The Mississauga Academy of Medicine will use new, innovative models of learning and interdisciplinary care. It will enrol 54 undergraduate medical students a year, and allow the Faculty to increase the overall total of first-year trainees to 259.

The Mississauga Academy also represents a tremendous opportunity to integrate large community-affiliated hospitals with postgraduate resident and continuing medical education. Sixty residency positions will be available beginning in 2011–2012 in Mississauga. The new Academy was made possible by a new partnership between the Province of Ontario, University of Toronto Mississauga, our Faculty and two outstanding tertiary hospitals—Credit Valley Hospital and Trillium Health Centre. The Mississauga Academy has attracted two exceptional gifts towards its capital infrastructure costs: \$10 million from Mississauga businessman Carlo Fidani, and \$12 million from philanthropist Terrence Donnelly. These philanthropic partnerships are highly valued and bring an immense return-on-investment for all stakeholders in health care education and in the communities they serve.

The Faculty is working towards reducing the shortage of family doctors in Canada by steadily increasing the size of its family medicine training program.

CHART 1D.

Projected Growth in Family Medicine Postgraduate Residency Positions



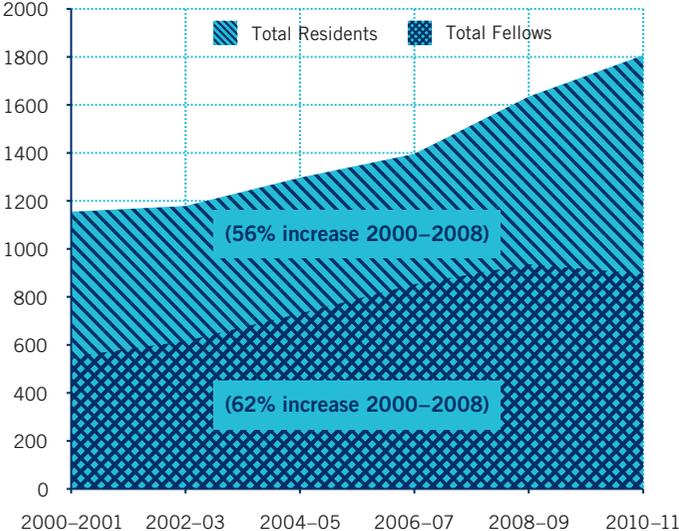
The University of Toronto supplies over a third of the family physicians in Ontario. Although our graduates train throughout the Greater Toronto Area, their impact is both provincial and national. Our graduating physicians are working in every part of Ontario and across Canada.

Professor Salvatore Spadafora

Vice-Dean, Postgraduate Medical Education

Our performance in the Canadian Resident Matching Service (CaRMS) has been the best in the country over the past three years. We were the only medical school to fill all of its postgraduate year one Canadian and international medical graduate positions in the first round of offers in 2009 and 2010—despite program expansions.

CHART 1E.
 Postgraduate Medical Education Enrolment 2000–2009



Residents are studying toward certification by the Royal College of Physicians and Surgeons of Canada or the College of Family Physicians of Canada.
 Fellows are individuals undertaking additional training beyond their certification.

MD/PhD students are uniquely dedicated to unraveling the causes of human disease and discovering cures for these afflictions. The devotion, skills and focus required in this endeavor attract the very best students. Mentored by our expert faculty in the Undergraduate Medical Curriculum and in our School of Graduate Studies, our students generate impressive discoveries and emerge poised to enter a career as a physician scientist in the most competitive academic institutions.

Professor Norman Rosenblum
Associate Dean, Physician Scientist Training

Excellence in Graduate Education

The Graduate Education enterprise within the Faculty of Medicine is distributed across four sectors: Basic, Clinical, Community Health, and Rehabilitation Sciences. Those sectors are in 15 Graduate Departments, 13 of which offer doctoral programs (MSc/PhD). As of Fall 2009, a total of 2,010 doctoral stream graduate students were engaged in research with internationally recognized faculty on campus and in our 10 fully affiliated hospitals and research institutes. Their work captures the breadth and diversity of the biomedical and health fields today, from cells to society. The Faculty of Medicine is also heavily invested in graduate training of health professionals in 11 professional master's programs with over 818 students enrolled in the fall of 2009. In addition, our graduate units participate in 21 inter-disciplinary Collaborative Programs which further enrich their academic offerings. We are attracting the very best students and providing them with the platform from which to excel nationally and internationally. Launched in 2008, the Dalla Lana School of Public Health continues to develop as an interdisciplinary world leader in public health education, practice and research and now offers the MPh degree.

MD/PhD Program

The University of Toronto trains most of the physician scientists in Canada. MD/PhD students undertake both an Undergraduate Medical degree and a research-focused PhD devoted to discovering the causes and treatment of human disease. We are highly competitive with our peers in the USA with respect to the quality of our graduates and their success as physician scientists. Between 2004–05 and 2009–10, the MD/PhD Program graduated 22 students out of a total enrollment of 63. Seventy percent of our graduates enter an academic career as a physician scientist.

CHART 1F. Graduate (Masters and PhD) FTE Registration for the Basic Science Departments and the Institute of Medical Science

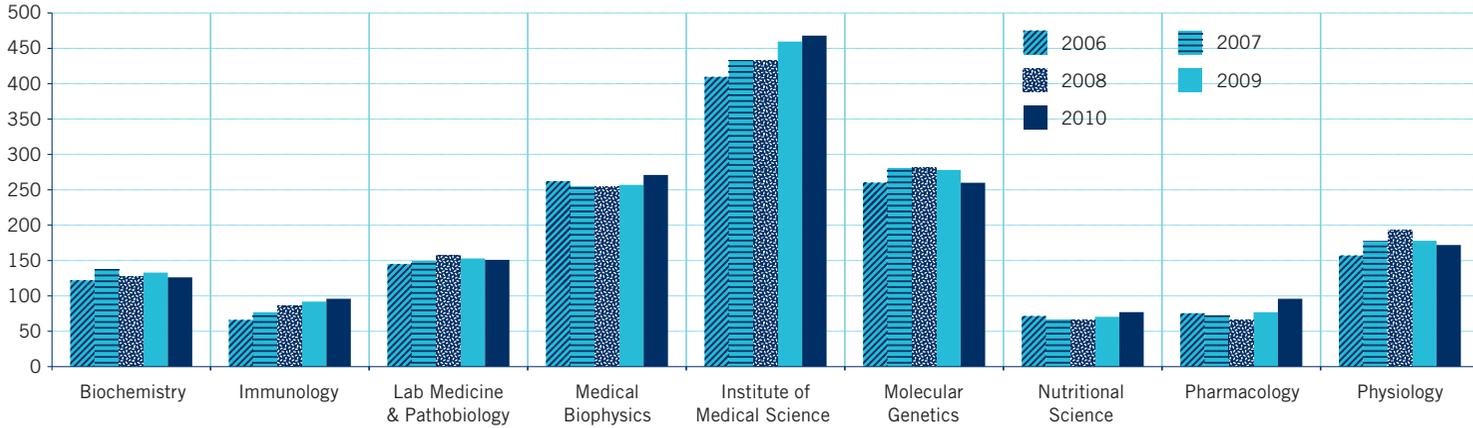
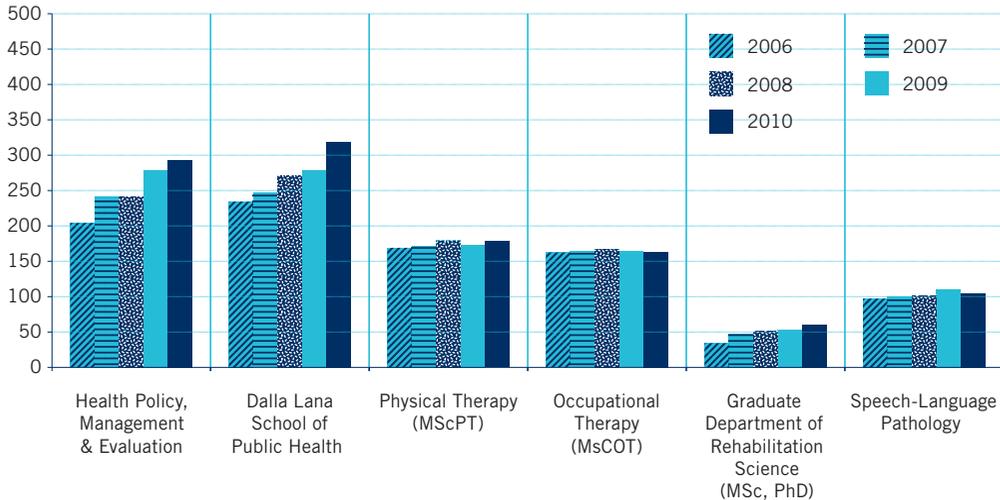


CHART 1G. Graduate FTE Registration in the Rehabilitation and Community Health Sectors



Rehabilitation Sciences Excellence

Between 2000 and 2005, the number of students in our master’s level professional stream programs—the physical therapists, occupational therapists, speech-language pathologists—has doubled. The Rehabilitation Sciences Sector is recognized for its top ranking professional programs, achieved through the excellence of its faculty in both teaching and research. Entry to programs continues to be very competitive, and the subsequent quality of students accepted is extremely high.

The Department of Occupational Science and Occupational Therapy offers a professional Master of Science in Occupational Therapy (MScOT) program. The Department of Physical Therapy at the University of Toronto offers a 24 month Master of Science in Physical Therapy Program (MScPT) and the university’s Department of Speech-Language Pathology offers a two year Master of Health Science (MHSc) program. All of these programs prepare entry-level professionals through the application of theory, clinical, professional and applied research knowledge in diverse clinical placements and they are among the most highly lauded programs of their kind in North America.

CHART 1H.

Rehabilitation Sciences Enrolment Competition

Rehabilitation Sciences Professional Programs 2010–11	No. of places	No. of Applicants
Master of Science in Occupational Therapy	80	641
Master of Science in Physical Therapy	85	1004
Master of Health Science Degree Program	45	230–250

Exceptional Opportunities for Learning

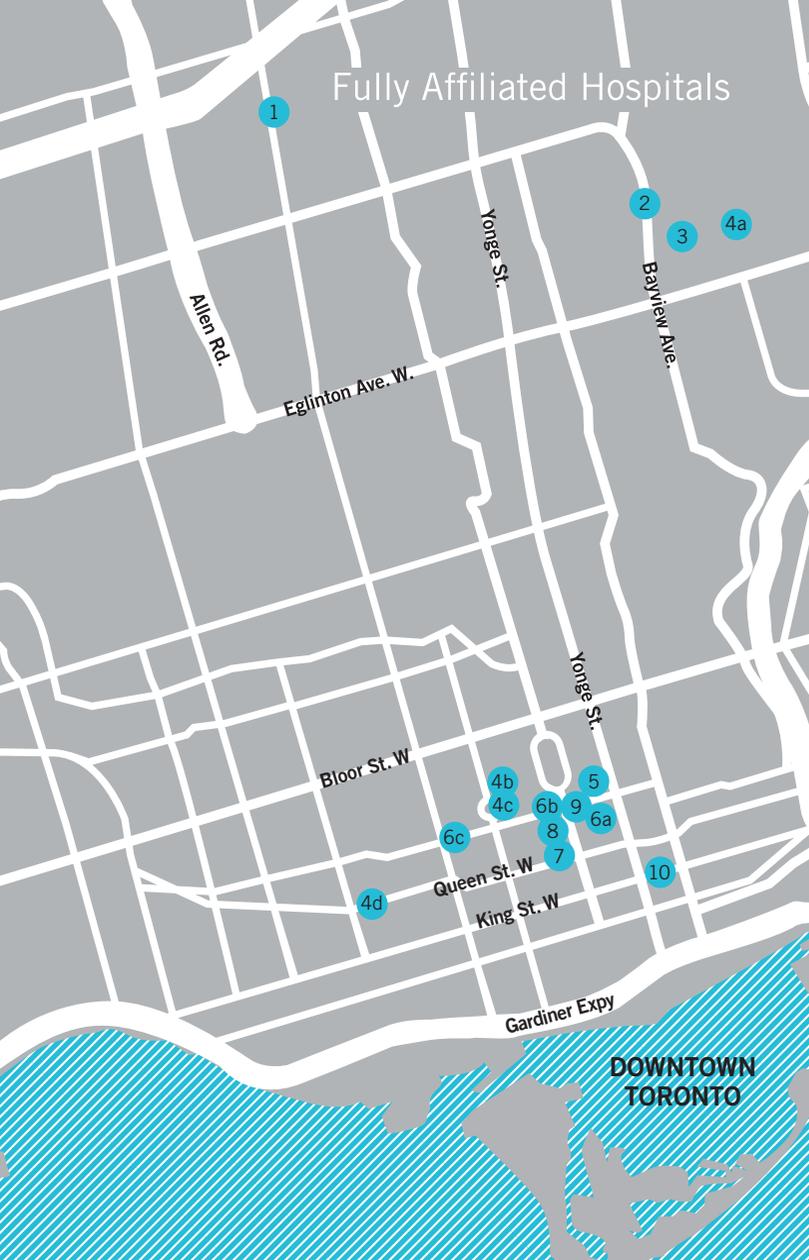
Our learners benefit from a remarkable teaching and learning experience facilitated through our partnership with the Toronto Academic Health Science Network (TAHSN), recognized as one of the most productive academic health science centres in North America. The integration of medical education across these affiliated teaching sites provides a seamless learning environment that allows students to experience a breathtakingly broad clinical diversity that spans the lifecycle, everything from bread and butter medicine to highly subspecialized care.

The 10 fully-affiliated hospitals—all national or international leaders in their fields—enable our undergraduate and postgraduate medical and healthcare professional students experience the innovative edge of healthcare. Our 20 community affiliates provide learners with a range of urban, suburban and rural practice settings. In turn, the hospitals receive skilled and valuable trainees and patients receive improved access to high quality care. The latest site to join our network in December 2010 was the Mental Health Centre, Penetanguishene.

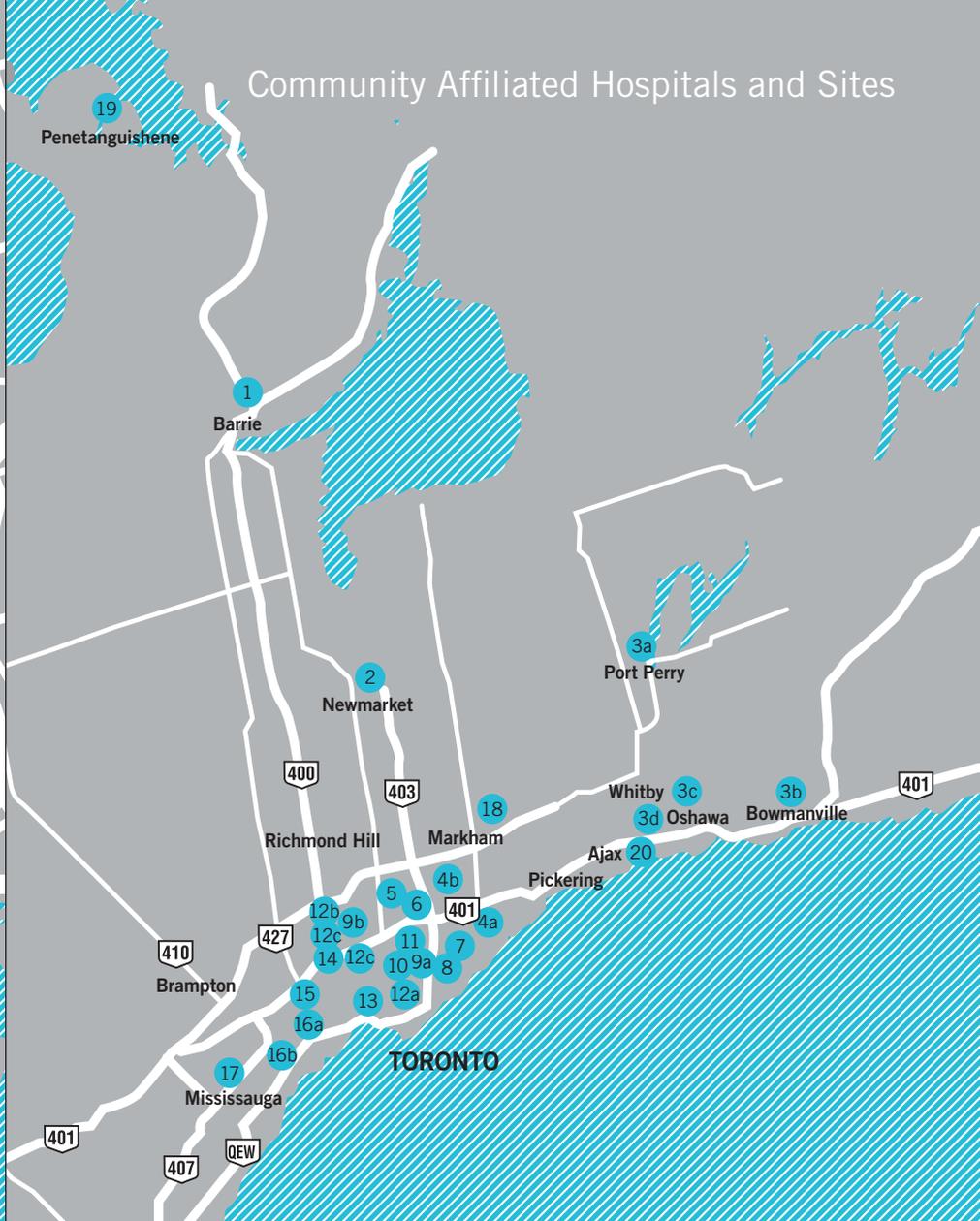
Our Faculty offers students and trainees an unparalleled clinical learning experience. Through our partnership with the fully-affiliated and community-affiliated sites, they have an exceptional opportunity to experience health care needs across the life cycle, from the routine to the unique. The result is that our learners can understand and cope with almost anything they encounter after graduation.

Professor Sarita Verma
Deputy Dean

Fully Affiliated Hospitals



Community Affiliated Hospitals and Sites



Fully Affiliated Hospitals

1. Baycrest
2. Sunnybrook Health Sciences Centre
3. Holland Bloorview Kids Rehabilitation Hospital
- 4a. Centre for Addiction and Mental Health (Brentcliffe Road Site)
- 4b. Centre for Addiction and Mental Health (Russell Street Site)
- 4c. Centre for Addiction and Mental Health (College Street Site)
- 4d. Centre for Addiction and Mental Health (Queen Street Site)
5. Women's College Hospital
- 6a. University Health Network: Toronto General Hospital
- 6b. University Health Network: Princess Margaret Hospital
- 6c. University Health Network: Toronto Western Hospital
7. Toronto Rehabilitation Institute
8. Mount Sinai Hospital
9. The Hospital for Sick Children
10. St. Michael's

Community Affiliated Hospitals and Sites

1. Royal Victoria Hospital
2. Southlake Regional Health Centre
- 3a. Lakeridge Health Network (Port Perry, Ontario site)
- 3b. Lakeridge Health Network (Bowmanville, Ontario site)
- 3c. Lakeridge Health Network (Oshawa, Ontario site)
- 3d. Lakeridge Health Network (Whitby, Ontario site)
- 4a. The Scarborough Hospital (General Campus)
- 4b. The Scarborough Hospital (Grace Campus)
5. St. John's Rehabilitation Hospital
6. North York General Hospital (general site)
7. Providence Healthcare
8. Toronto East General Hospital
- 9a. Hincks-Dellcrest Centre (Jarvis Site)
- 9b. Hincks-Dellcrest Centre (Sheppard Ave. Site)
10. Bridgepoint Health
11. Surrey Place Centre
- 12a. Humber River Regional Hospital (Keele St. Site)
- 12b. Humber River Regional Hospital (Finch St. Site)
- 12c. Humber River Regional Hospital (Church St. Site)
13. St. Joseph's Health Centre
14. West Park Healthcare Centre
15. George Hull Centre for Children and Families,
- 16a. Trillium Health Centre (Toronto)
- 16b. Trillium Health Centre (Mississauga)
17. Credit Valley Hospital
18. Markham-Stouffville Hospital
19. Mental Health Centre Penetanguishene
20. Ontario Shores Centre for Mental Health

Responding to the Needs of an Aging Population

Canadians, in common with people of all other industrial nations, are living longer than ever before. Adults 65 years and over now constitute the fastest growing population group in Canada. The gains in longevity are accompanied by increased demand for health services, and also impact the type of services required. Staying healthy—which requires access to top quality healthcare when needed—is a priority for all ages, but particularly important as we grow older.

Our Faculty produces most of the high priority MD specialists in Ontario and we train the largest proportion of highly specialized and emerging subspecialty trainees in growing areas of demand, such as geriatrics, rheumatology and medical oncology. All occupational medicine specialists, four out of five of community medicine specialists and 80% of dermatologists who trained and are working in Ontario completed their residency at University of Toronto.

Over 70% of neurosurgeons trained and practicing in the province are graduates from our faculty, as are more than 60% of specialists working in otolaryngology, endocrinology, diagnostic radiology, thoracic surgery and plastic surgery. In addition, our Faculty trains more specialists working in the province than any other Ontario university in a number of other categories, including paediatrics, infectious diseases, psychiatry, critical care and anaesthesia.

Since 2004, the number of first-year postgraduate medical trainees in the Royal College of Physicians and Surgeons of Canada and the College of Family Physicians of Canada accredited programs has increased by 42%. Further expansion in our postgraduate programs is planned, to reflect our increased intake at undergraduate level and in response to physician shortages.

The integration of our education occurs on many levels and often in partnership with great collaborators such as The Michener Institute for Applied Health Sciences. We offer innovative and current degree/diploma programs in medical radiation sciences by combining the strengths of the two institutions and utilizing their complementary resources and expertise.

Our Faculty, The Michener Institute for Applied Health Sciences and the Northern Ontario School of Medicine have now created a unique three-way consortium to deliver training for a newly emerging health profession, Physician Assistants (PAs). In its second year, this degree course combines urban and rural training with an innovative distance-learning curriculum. This innovative program may be part of the solution to Ontario's physician shortage, particularly in remote areas.

Learning Never Stops

The importance of life-long learning in medicine is undisputed, and at our University is supported by the Office of Continuing Education and Professional Development (CEPD). The CEPD is considered a model for best practices in continuing education. Its emphasis on research in continuing education and commitment to incorporating evidence and educational theory into its education programs places the Office of CEPD among the most advanced academic health sciences continuing education program providers in the world. It is the largest single provider of accredited courses and conferences among Canadian universities. In 2009–2010, 22,000 healthcare professional registrants took advantage of an expanding number of opportunities to enrich their skills and deepen their knowledge of evidence-based care by taking its courses.



Physician Assistant trainees in class

Physician assistants (PAs) are a relatively new type of civilian healthcare provider in Canada, but they have been well established in the United States since the 1960s. Evidence shows PAs improve access to health services and increase overall quality of care. As a part of the interprofessional healthcare team, PAs work under the supervision of a licensed physician to provide a range of medical and surgical services to patients.

Professor Maureen Gottesman
Medical Director, Physician Assistant
Professional Degree Program

The Centre for Interprofessional Education, through its vision of ‘transforming care through collaboration’, is a catalyst for creating new models of education where different health professions learn about, from and with one another to gain the skills, knowledge and values to work in a new team-based system. The Centre is already playing a leadership role in health system transformation by enabling new models of care built on inter-professional teams in our affiliated hospitals in Toronto.

Maria Tassone

Director of the University of Toronto Centre for Interprofessional Education

Learning as a Team

The provision of health services is increasingly seen as a team effort, and one that relies on different types of health providers being able to communicate and work together. One of the ways collaborative practice is encouraged is through interprofessional education, which brings together students from two or more professions to learn together.

The University of Toronto’s Centre for Interprofessional Education supports educators, both on campus and in our partner hospitals, in the planning and implementation of evidence-based interprofessional education programs. The Centre was established in 2009 through a partnership between the University of Toronto Council of Health Sciences, the University Health Network and the Toronto Rehabilitation Institute to formalize support and augment ongoing interprofessional education.

Leadership from the Centre is creating an environment that assists health professionals to learn how to become competent in collaboration at the organizational and practice levels. The Centre provides opportunity for the hospitals affiliated with University of Toronto to work together to address some of the key objectives of the Government of Ontario’s HealthForceOntario Health Human Resource Strategy. A vision was developed and tools were created to advance team-based practice. A paradigm shift in healthcare has begun which will mean better care for individuals and improved population health outcomes.

Increasing Numbers of International Students

Health care in Ontario has long waiting lists and an aging population, combined with a shortage of physicians. There are many ways our Faculty is working to alleviate the problem, including steadily increasing the number of International Medical Graduates and their percentage in postgraduate residencies.

A decade ago, one in every 20 first year trainees was an International Medical Graduate. This has increased considerably to the stage where 17% of first year trainees recruited between 2007 and 2010 were International Medical Graduates. These are individuals who obtained an MD degree outside of Canada and following immigration, require further education or residency training to be able to practice. They come to the University of Toronto from the Caribbean, Ireland, the Middle East, Southeast Asia, Eastern Europe, the U.K., South America, Western Europe, Africa, Central Asia and Australia.

In keeping with the Faculty's mission for international leadership in health research and education, our Postgraduate Medical Education programs again provided the majority of positions for international medical graduates in Ontario in 2010, with 34% of the Ontario intake quota (65 positions). An additional 59 international medical graduate residents were accepted at the advanced level, along with the same number of international specialist physicians to the six-month Practice Ready Assessment. This echoes a University-wide trend of increased international student enrolment, which both broadens the Faculty's international reputation and has a long-reaching impact on international health care.



innovation

Innovation

The extraordinary scope and quantity of health and biomedical research carried out by our faculty and students makes ours the most research-intensive medical faculty in Canada. It also constitutes a remarkable research continuum, ranging from molecular level studies to generating fundamental knowledge about normal and abnormal human biological processes (resulting in more effective prevention and treatment of diseases), to research focused on health promotion, the prevention of disability and the development of innovative health systems.

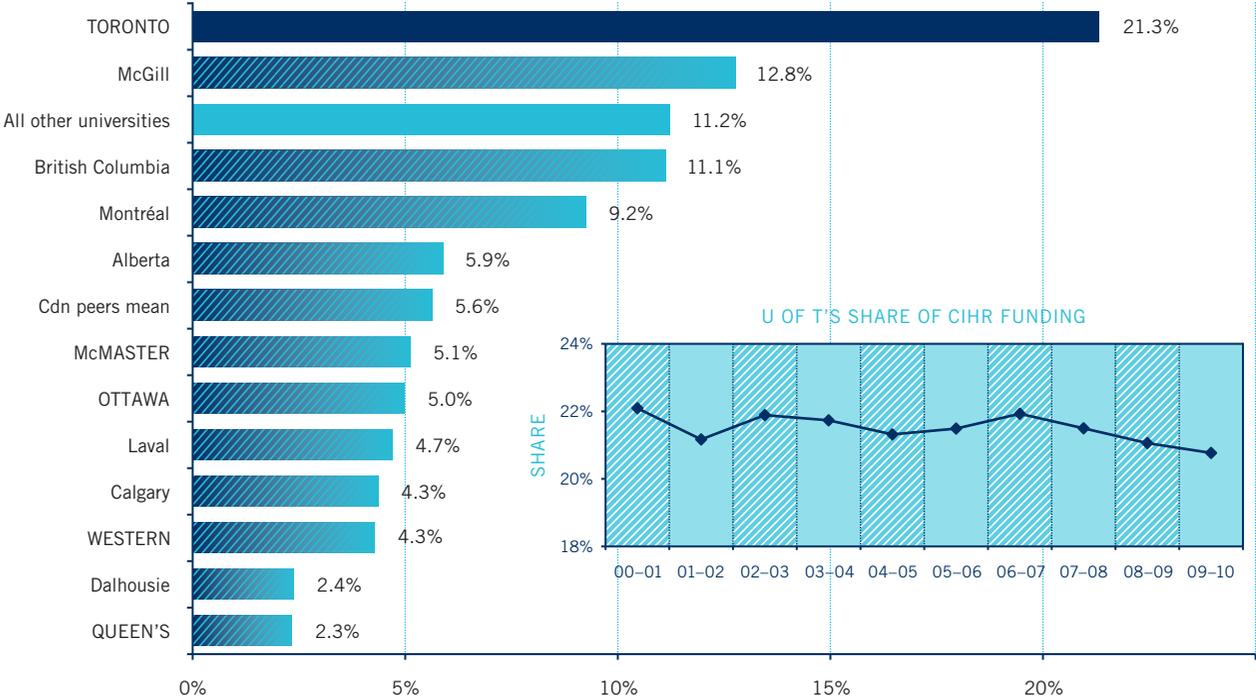
Canadian Institutes for Health Research Funding (CIHR)

The University of Toronto is awarded more than a fifth of all CIHR funding to Canadian universities, and we receive more CIHR funding than any of our peers. The CIHR continues to be the single major source of our Faculty research funding, accounting for \$138 million in 2009–2010.

Unparalleled Opportunities for Research Collaboration

Our international reputation for research, education and innovation attracts top quality faculty and students into basic biomedical and health research programs across all sectors. Intrinsic to our success is an integrated matrix of research collaboration, formed by our Departments, Centres and 10 affiliated hospitals/research institutes through the Toronto Academic Health Sciences Network. The concentration of investigative minds creates a unique environment for an innovative approach to tackling key health issues. The resulting synergy produces new knowledge and consequent contributions to, outstanding health policy and evidence-based care, and, consequently, a healthier population.

CHART 2A. Canadian Peer Universities vs. University of Toronto's Share of Canadian Institutes of Health Research (CIHR) Funding
Cumulative 5-Year Share: 2005–06 to 2009–10



Source: CIHR Expenditures by University and CIHR Program, 2005–06 to 2009–10 reports. Expenditures for Networks of Centres of Excellence nodes, Canada Research Chairs training programs and the Enzyme Replacement Therapy for Fabry Disease program are excluded. For the national total, only expenditures to Canadian colleges and universities, and their affiliates, are counted. The mean for our Canadian peers excludes the University of Toronto. Ontario peers are shown in capital letters.

The quality and innovative research carried out by members of our Faculty receives global recognition and impacts health locally, nationally and internationally. Research funding from all sources to faculty investigators both on and off campus (in the ten fully-affiliated hospitals) increased by 20% over the past five years, a reflection of the calibre of our researchers and the merit of their external research. In 2009 – 2010, research funding, excluding funding from the Canadian Foundation for Innovation, reached \$597 million.

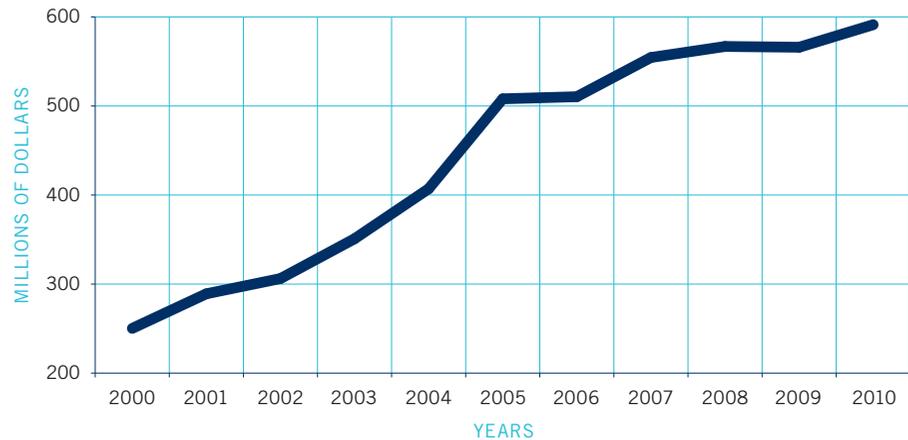
Professor Alison Buchan
Vice-Dean, Research
and International Relations

Improving global health care through research and education

Modern medical and technological advances combined with scarce resources result in new ethical challenges for researchers and health professionals. The Joint Centre for Bioethics (JCB) works in partnership with our affiliated hospitals and teaching sites to help the healthcare sector navigate these conundrums through joint research, educational and clinical activities. The JCB exerts a significant global influence, particularly in the area of pandemic preparedness stemming from the SARS epidemic. The centre functions as the inaugural leader of the Global Network of World Health Organization (WHO) Collaborating Centres in Bioethics. Membership of the virtual centre is both interdisciplinary and interprofessional, and members rely on web-based tools to communicate and collaborate on projects.

CHART 2B.

Total External Research Funding (in Millions) of our Faculty Members on Campus and in the 10 Fully Affiliated Hospitals and their Research Institutes (excludes funding from the Canadian Foundation for Innovation)



Innovative Models of Learning

As medical residency education moves away from the concept of time-based training to competency acquisition, a leading model has emerged from the orthopaedic surgery program at University of Toronto. Instead of a fixed-time rotation, residents in the pilot program remain in the module until they have acquired all the relevant competencies—whether that takes six weeks or four months. The project—which discards the concept that everyone learns at the same pace—has generated massive interest from other training programs across Canada and internationally. The Department of Surgery has developed new tools to evaluate competency, that will be integrated into all of the surgical training programs.

Leadership in education research

The Wilson Centre for Research in Education has emerged as the world leader in health professional education research in the years since being formed in 1997, through a unique partnership between the Faculty and the University Health Network. It draws together experts from diverse backgrounds who collaborate on research to discover, evaluate and apply new ways to improve the education of health care professionals. The Centre provides leadership in emerging research areas, such as how to foster better communication within interdisciplinary teams, and the use of simulation within training programs. The ultimate goal is to improve the health of patients through better education.

The Centre's impact is global, in particular through its Visiting Professors and International Relations Program. Through this, scholars visit the Wilson Centre from other institutions for as little as a few days or as much as a year. One such visitor was general paediatric surgeon Dr. Milliard Derbew, who was appointed Dean of the Faculty of Medicine at Addis Ababa University of Ethiopia on his return home from a scholarship term at the University of Toronto.

TAHSN-wide research and education initiatives bring together interdisciplinary groups of faculty and staff. These collaborations across the extra departmental units that are partnered with the hospitals make the Toronto experience truly “one-of-a-kind.”

Professor Catharine Whiteside
Dean, Faculty of Medicine



Faculty of Medicine Department of Surgery Professor
Andy Smith performs a colon cancer procedure with
colleagues at Sunnybrook Health Sciences Centre.
Prof. Smith is also the Bernard and Ryna Langer Chair
in General Surgery. Photo courtesy of Sunnybrook
Health Sciences Centre/Doug Nicholson

impact

Impact

WORLD RECOGNITION IN INDEPENDENT RANKING REVIEWS

The quality of teaching and research carried out at our Faculty is recognized both nationally and worldwide.

Times Higher Education World University Rankings—Clinical and Pre-Clinical Health

In the subcategory “Clinical, Pre-Clinical Health”, University of Toronto ranked 1st in Canada and 12th overall in the world.

Higher Education Evaluation and Accreditation Council of Taiwan ranks Faculty 5th Worldwide

In the category of “Clinical Medicine,” our Faculty is ranked 1st in Canada, and 5th in the world (behind Harvard, Johns Hopkins, University of California, San Francisco and University of California, Los Angeles) in the Higher Education Evaluation and Accreditation Council of Taiwan (HEEACT) 2010 research rankings. This measures three areas of scientific performance over a 10-year span: research productivity (publications); research impact (citations); research excellence (journal quality). The increasing quality and impact of research conducted by our faculty is reflected by our significant jump in ranking in the past three years—from 12th worldwide in 2008 to 5th in 2010.

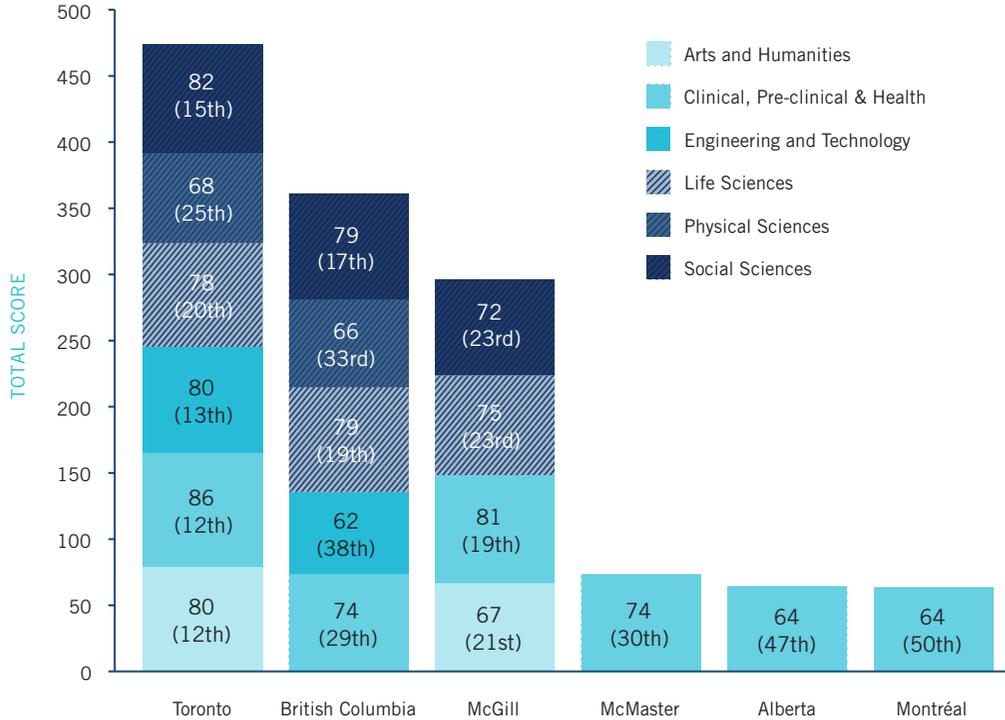
University of Toronto among the best in the world

Our Faculty is an integral part of what is one of the top universities in the world, as evidenced in independent, international rankings where University of Toronto consistently rates as number one in Canada, and is listed among the best 30 universities worldwide.

Thomson ISI, the organization that rates the quality of academic programs in Canadian and U.S. Universities, ranked the University of Toronto first in Canada in virtually every aspect of medicine and health sciences. We also rank within the top five universities in North America in most specialties.

CHART 3A.

Times Higher Education World University Rankings by Discipline 2010



Only includes Canadian Peers in the Top 50 for each discipline. Numbers in chart above indicate overall score as assessed by Times Higher Education rankings. Numbers in brackets indicate international ranking

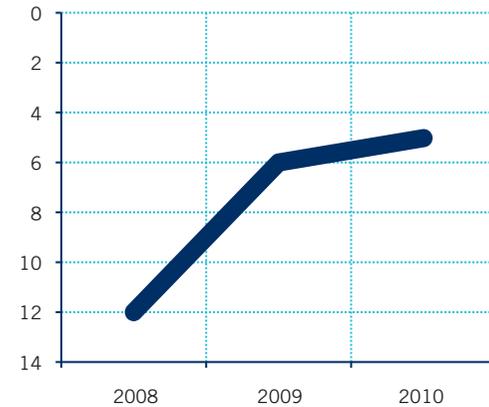
CHART 3B.

Overall University of Toronto Rankings

International Ranking Organization	2010 World Ranking of U of T
SCImago	8th
HEEACT	9th
High Impact RPI	14th
Times Higher Education	17th
Shanghai Jiao Tong	27th
QS World University Rankings	29th

CHART 3C.

University of Toronto World Ranking in HEEACT's Clinical Medicine Category 2008–2010



University of Toronto Medicine is Top Ranked in Publications and Citations

Our Faculty is ranked first for publications and third for citations among public universities in North America: when private universities are included, it is ranked sixth for citations and second only to Harvard for publications.

CHART 3D. University of Toronto Faculty of Medicine, Publication and Citation rankings, 2005–2009

	G13 (CANADA)		AAU PUBLIC*		AAU ALL*	
	Publications	Citations	Publications	Citations	Publications	Citations
Rheumatology	1	1	1	1	1	1
Respiratory System	1	1	1	1	2	2
Onocology	1	1	1	1	2	3
Pediatrics	1	1	1	1	2	2
Obstetrics & Gynecology	1	1	1	3	3	6
Cardiac & Cardiovascular System	1	1	1	1	3	4
Clinical Neurology	1	1	1	1	2	2
Developmental Biology	1	1	2	2	4	5
Radiation, Nuclear Medicine, & Medical Imaging	1	1	1	1	2	2
Pharmacology & Pharmacy	1	1	1	1	2	2
Endocrinology & Metabolism	1	1	1	1	2	2
Surgery	1	1	1	2	2	4
Peripheral Vascular Disease	1	1	q	2	2	7
Pathology	1	1	1	1	3	4
Cell Biology	1	1	1	3	3	8

DATA SOURCES

- Thomson Reuters, US and Canadian University Science Indicators, Deluxe Edition, 2009
- Thomson Reuters, US and Canadian University Science Indicators, Standard Edition, 2009
- Additional information on institution classification: University of Toronto

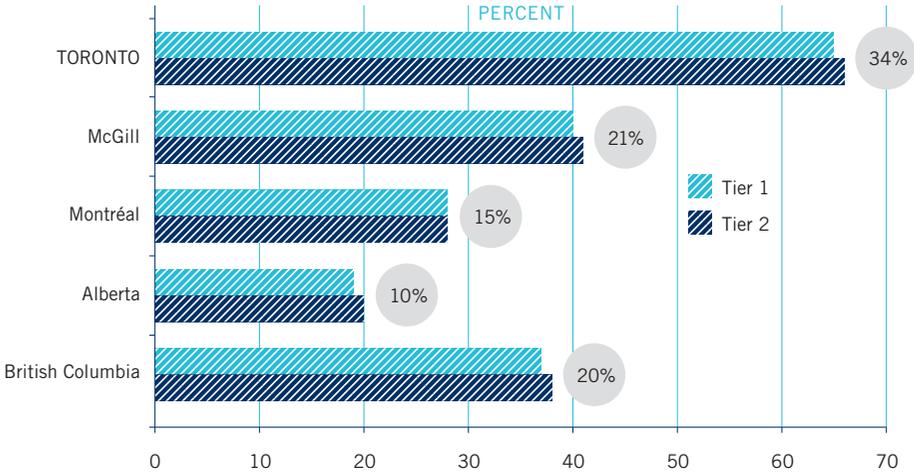
* DEFINITIONS:

1. **Publication** counts (articles, notes, and reviews as found in Thomson Reuters-covered journals; other types of items and journal marginalia such as editorials, letters, corrections, and abstracts were omitted) published between 2005 and 2009.
2. **Citation** counts represent citations-to-date for papers published between 2005 and 2009, as at mid 2010.
3. Each **field** is defined by a set of journals indexed by Thomson Reuters; there is overlap between fields; the University Science Indicators dataset is highly aggregated; it does not permit drilling down to journal or author level.
4. Data in this file are limited to 75 **peers**, all leading research universities in North America [members of the G13 and/or the Association of American Universities (AAU), plus UC San Francisco].

University of Toronto Earns Majority of Canada Research Chairs

Our Faculty has earned 130 active Canada Research Chairs (CRC) on- and off-campus. Chair allocations are based on the funding received by researchers from the three federal granting agencies known as the TriCouncil—Canadian Institutes for Health Research (CIHR), Natural Sciences and Engineering Research Council of Canada (NSERC) and the Social Sciences and Humanities Research Council (SSHRC)—in the three years prior to the year of the allocation. The University of Toronto continues to rank first in Canada in TriCouncil funding received. The University’s five-year cumulative share of total TriCouncil funding is 15%, which rose 0.1% in 2009–10, increased from \$213.8 million to \$219.7 million in 2009–10, or 2.7%.

CHART 2C. Number of Canada Research Chairs, University of Toronto Faculty of Medicine, Compared to Canadian Peer Universities, 2010



Data source: CRC website, updated January 2009. Montréal includes Ecole Polytechnique and Ecole des Hautes Etudes Commerciales. The chart compares U of T’s current CRC allocation to our Canadian peers. U of T’s share of 13.3% of the CRC’s compares favourably to its share of full-time faculty which is approximately 7%.

Faculty and Staff Awards

The size, scope and excellence of our faculty, students and programs makes it impossible to list all our award winners. Below is a sampling of awardees, but we are proud of every individual and group honoured for their work on behalf of the Faculty of Medicine.

INTERNATIONAL

Peter Singer

Academy of Sciences
for the Developing World,
Associate Fellow

Brenda Andrews

American Association for the
Advancement of Science, *Fellow*

Charlie Boone

American Association for the
Advancement of Science, *Fellow*

Freda Miller

American Association for the
Advancement of Science, *Fellow*

Paul Santerre

American Association for the
Advancement of Science, *Fellow*

Molly Shoichet

American Association for the
Advancement of Science, *Fellow*

Richard Weisel

American Association of Thoracic
Surgery, *Scientific Achievement Award*

Bruce Pollock

American College of Psychiatrists,
Geriatric Psychiatry Research Award

Gary Levy

American Gastroenterological
Association, *Fellow*

Lesley Wiesenfeld

American Psychiatric Association.
*Irma Bland Award for Excellence
in Teaching Residents*

Sian Rawkins

American Psychiatric Association,
*Irma Bland Award for Excellence
in Teaching Residents*

Avrum Gotlieb

American Society for Investigative
Pathology, *Robbins Distinguished
Educator Award 2011*

Richard Bazinet

American Society for Neurochemistry,
Jordi Folch, *Pi Memorial Award*

Paul Walfish

American Thyroid Association,
*John B. Stanbury Thyroid
Pathophysiology Metal*

Benjamin Goldstein

APA/AstraZeneca, *Young Minds in
Psychiatry International Award 2010*

Sian Rawkins

Association for Academic Psychiatry,
*Junior Faculty Development
Award 2009*

Kien Dang

Association for Academic Psychiatry,
*Junior Faculty Development
Award 2010*

Raed Hawa

Association for Academic Psychiatry,
Junior Faculty Development Award 2010

Brenda Andrews

Genetics Society of America,
Ira Herskowitz Award

Joel Sadavoy

International Federation of Aging,
President's Award

Andreas Pierratos

International Society for Hemodialysis
*Hemodialysis Lifetime Achievement
Award 2010*

Denis Daneman

International Society for Pediatric
and Adolescent Diabetes,
Prize for Achievement

Molly Shoichet

Israel Cancer Fund, *Woman of Action*

Michael Fehlings

Karolinska Institute, *Olivecrona Award*

Richard Reznick

Karolinska Institute, *Prize for
Research in Medical Education*

Murray Urowitz

Lupus Foundation of America,
Evelyn Hess Award

Yeni Yucel

New York Academy of Medicine,
Lewis Rudin Glaucoma Prize

Warren Chan

NOVOFER Foundation for Technical
and Intellectual Creation,
International Dennis Gabor Award

Normand Laperriere

Royal Australian and New Zealand
College of Radiology, *Honorary Fellow*

Norman Rosenblum

Society for Paediatric Research,
Maureen Andrew Mentor Award

Wendy Levinson

Society of General Internal Medicine,
Robert J. Glaser Award

Andres Lozano

Society of Neurological Surgeons,
Winn Prize

Sender Herschorn

Society of Urodynamics
and Female Urology,
Lifetime Achievement Award

Ian Tannock

The Institute of Cancer Research
University of London,
Honorary Degree

Lewis Kay

The Royal Society (UK), *Fellow*

Laszlo Endrenyi

The Semmelweis University
of Medicine Budapest Hungary,
Honorary Doctorate

Sylvia Asa

United States & Canada
Academy of Pathology,
*F.K. Mostofi
Distinguished Service Award*

NATIONAL**Communication and Cultural
Competence Program**

AFMC, *John Ruedy Award for
Innovation in Medical Education*

Sunil Verma

AFMC, *Young Educators' Award*

Pauline Pariser

AMS, *Mimi Divinski Award for
History and Narrative in Family
Medicine (2010)*

Michael Sved

Association of Academic Professionals
in Obstetrics and Gynaecology of
Canada (APOG), *Carl Nimrod Educator
of the Year Award 2009*

Lisa Robinson

Black Business Professional
Association, *Harry Jerome Award*

Angela Colantonio

Brain Injury Association of Canada,
2010 Research Award

Ike Ahmed

Canada's Top 40 under 40

Daniel Durocher

Canada's Top 40 under 40

Subodh Verma

Canada's Top 40 under 40

Nathan Herrmann

Canadian Academy of Geriatric
Psychiatry, *2010 Award for
Outstanding Contributions in
Geriatric Psychiatry in Canada*

Andreas Laupacis

Canadian Agency for Drugs
and Technologies in Health,
*Jill M. Sanders Award of Excellence
in Health Technology Assessment*

Helen Batty

Canadian Association for
Medical Education (CAME),
2010 Ian Hart Award

Pamela Catton

Canadian Association for
Medical Education (CAME),
Certificate of Merit Award 2010

Wayne Gold

Canadian Association for
Medical Education (CAME),
Certificate of Merit Award 2010

Shiphra Ginsburg

Canadian Association for
Medical Education (CAME),
Certificate of Merit Award 2011

Linda Sugar

Canadian Association for
Medical Education (CAME),
Certificate of Merit Award 2011

Dana Philpott

Canadian Association
of Gastroenterology, *Young
Investigator Award*

Norman Marcon

Canadian Association of
Gastroenterology Annual Awards,
Education Excellence Award

Najma Ahmed

Canadian Association of General
Surgeons, *Research Award*

Sylvia Asa

Canadian Association of Pathologists,
The Annual William Boyd Lecture

Jagdish Butany

Canadian Association of Pathologists,
*The President's Award for
outstanding achievement and
service to Pathology*

Michael Taylor

Canadian Cancer Society,
Young Investigators Award

Peter Coyte

Canadian Health Services
Research Foundation,
*Health Services Research
Advancement Award*

Hugh Scully

Canadian Medical Association
Medal of Service

Mladen Vranic

Canadian Medical Hall of Fame
(Inductee 2009)

Charles Tator

Canadian Neurosurgical Society,
Lifetime Achievement Award

Mary L'Abbe

Canadian Nutrition Society,
Earle Willard McHenry Award

David Jenkins

Canadian Nutrition Society,
The Khurshheed Jeejeebhoy Award

NATIONAL CONTINUED

Andrea Furlan

Canadian Pain Society,
Early Career Award

Allan Kaplan

Canadian Parkinson's Association,
*J.M. Cleghorn Award for Excellence
and Leadership in Clinical Research*

Heather McDonald-Blumer

Canadian Rheumatology Association,
Exemplary Teacher Award

Leonard Tse

Canadian Society for Vascular Surgery,
Cook Research Award

Douglas Wooster

Canadian Society for Vascular Surgery,
Gore Research Award

Thomas Lindsay

Canadian Society for Vascular Surgery,
John L. Provan Educational Award

John S. Floras

CIHR Institute of Circulatory and
Respiratory Health, *Distinguished
Lectureship*

Karim Mekhail

CIHR Institute of Genetics Lab,
Chee Tsui Publication Award

Mark Yudin

Council on Resident Education
in Osbetrics and Gynecology (CREOG),
*National Faculty Award for
Top Teacher of Residents*

Perle Feldman

Federation of Medical Women
of Canada, *Enid Johnson
MacLeod Award*

Mark Henkelman

Canadian Council for the Arts,
Killam Prize

Milica Radisic

McMaster Alumni Association,
McMaster Arch Award

Daniel Klass

Medical Council of Canada,
*2010 Outstanding Achievement
Award in the Evaluation of
Clinical Competence*

Brian Schwartz

National Association of EMS
Physicians, *Keith Neely Award*

Scott Reeves

National Health Sciences Students'
Association, *2011 Interprofessional
Education Mentorship Award*

Baycrest

Neurological Health Charities Canada
"Change Makers"

**Holland Bloorview Kid's
Rehabilitation Hospital**

Neurological Health Charities Canada
"Change Makers"

Bernard Goldman

Order of Canada

Patrick Gullane

Order of Canada

Mary Jo Haddad

Order of Canada

Anthony Lang

Order of Canada

James Orbinski

Order of Canada

Walter Rosser

Order of Canada

Mladen Vranic

Order of Canada

Kue Young

Order of Canada

Angela Man-Wei Cheung

Osteoporosis Canada,
Lindy Fraser Award

Susan Tallett

Paediatric Chairs of Canada,
Paediatric Academic Leadership,
Clinical Educator Award

Tom Unger

Canadian Psychiatric Association,
*Paul Patterson Education
Leadership Award*

Michael Taylor

Royal College of Physicians
and Surgeons of Canada,
Medalist in Surgery

Susan Abbey

Royal College of Physicians
and Surgeons of Canada,
Prix d'excellence

Heather McDonald-Blumer

Royal College of Physicians
and Surgeons of Canada (RCPSC),
*2010 Program Director of the
Year Award*

**Communication and Cultural
Competence Program and the
Medical Literacy Project**

Society for Teaching and Learning
in Higher Education,
The Alan Blizzard Award

Guylaine Lefebvre

Society of Obstetricians
and Gynaecologists of Canada,
*2010 Distinguished
Service Award*

Aled Edwards

The Globe & Mail
"Canadians changing the world"

Charles Tator

The Globe & Mail
"Canadians changing the world"

Ed Brown

*The Globe & Mail's List of
25 Transformational Canadians*

Tom Chau

*The Globe & Mail's List of
25 Transformational Canadians*

Prabhat Jha
*The Globe & Mail's List of
25 Transformational Canadians*

Samantha Nutt
*The Globe & Mail's List of
25 Transformational Canadians*

James Orbinski
*The Globe & Mail's List of
25 Transformational Canadians*

Shana Kelley
The Steacie Memorial Fellowship,
*Natural Sciences and Engineering
Research Council*

PROVINCIAL

Neil Rector
Ontario Psychological Association,
Harvey Brooker Award 2010

Muhammad Sohail Gandhi
Ontario College of Family Physicians,
2010 Award of Excellence

Robert Lam
Ontario College of Family Physicians,
2010 Award of Excellence

Stuart Murdoch
Ontario College of Family Physicians,
2010 Award of Excellence

William R. Shannon
Ontario College of Family Physicians,
2010 Award of Excellence

Risa Bordman
Ontario College of Family Physicians,
2010 Award of Excellence

Tara Kiran
Ontario College of Family Physicians,
2010 Award of Excellence

Val Rachlis
Ontario College of Family Physicians,
Jan Kasperski Leadership Award

Michael Wiley
Ontario Confederation of Faculty
Associations (OCUFA), *Teaching Award*

Anna Jarvis
Ontario Medical Association,
Advocate for Students Award

Philip Berger
Order of Ontario

Helen Chan
Order of Ontario

Kellie Leitch
Order of Ontario

Samantha Nutt
Order of Ontario

James Orbinski
Order of Ontario

Molly Shoichet
Order of Ontario

Mladen Vranic
Order of Ontario

Gyl Midroni
PAIRO, *Excellence in
Clinical Teaching Award*

Rob Silver
PAIRO, *Excellence in
Clinical Teaching Award*

Janet Rossant
*Premiers Summit Award in
Medical Research*

Jeff Wrana
*Premiers Summit Award
in Medical Research*

UNIVERSITY

Sheldon Tobe
Ambulatory Community Medicine
(ACE), *Teaching Award*

Filomena Meffe
Centre for Interprofessional
Education, *Outstanding
Leadership in Advancing
Interprofessional Education*

Susan Wagner
Centre for Interprofessional
Education, *Award of Merit
for Outstanding
Leadership in Advancing
Interprofessional Education*

**Southlake Regional Health Centre,
The Arthritis Program**
Centre for Interprofessional
Education, *Award of Merit for
Outstanding Team that Role
Models Interprofessional Collaboration
for Patient-centred Care to Learners*

Tom Chau
Graduate Faculty Teaching Awards,
Graduate Student Mentorship Award

Avrum Gotlieb
Graduate Faculty Teaching Awards,
*Sustained Contribution to Excellence
in Graduate Teaching Award*

Robert Richardson
Scott-Vellend Award,
Sustained Excellence in Teaching

Shana Kelley
University of Toronto,
Inventors of the Year

Division of Teaching Laboratories
University of Toronto Alumni
Association, Northrop Frye Award,
Divisional Category

Jeff Bloom
University of Toronto, *Arbor Award*



University of Toronto Prof. Barry Rosen (above, left) conducts rounds with Kenyan colleagues and at left, relaxes with colleagues in the AMPATH-RH program.

A STRONG COMMITMENT TO SOCIAL RESPONSIBILITY

Improving the Quality of Women's Healthcare in Kenya

Lack of access to basic and emergency obstetric care in western Kenya results in one of the highest maternal mortality rates worldwide and a very high incidence of obstetric fistula. Detection and management of cervical cancer and precancerous lesions is another priority need. A long-term partnership between our Faculty and the Moi University School of Medicine and Moi University Teaching and Referral Hospital works towards improving the quality of women's and reproductive health care in the area through improving clinical services, developing a postgraduate program of study and intensifying research.

The Academic Model for Providing Access to Healthcare—Reproductive Health (AMPATH-RH) is run in collaboration with the University of Toronto's Department of Obstetrics and Gynecology and facilitated through a Kenyan-North American partnership, led by the University of Indiana. Bilateral student and staff exchanges between Toronto and Moi also create academic links and encourage research collaborations between the universities.



Students Help Local Health Challenged or Vulnerable Populations

The Faculty's first interprofessional, student-run health clinic opened its doors last year in downtown Toronto to provide hassle-free, volunteer health services to vulnerable populations, especially Aboriginal homeless. The IMAGINE (Interprofessional Medical and Allied Groups for Improving Neighbourhood Environment) Program includes students from the Faculties of Dentistry, Pharmacy, Nursing and Social Work, as well as the Faculty of Medicine's Departments of Medicine, Occupational Therapy, Physiotherapy, Speech-Language Pathology and Health Policy, Management and Evaluation. It is one of 17 community programs led by medical and other health professional students created in order to improve the health of underprivileged and marginalized groups in Toronto.



Changing Lives Over a Summer

Sometimes all it takes is a little encouragement to change a person's life, as the Faculty's Summer Mentorship program has proven over the years. The four-week intensive program is aimed primarily at African-Canadian and First Nations high school students—traditionally underrepresented groups at the University. It brings academically strong students on campus to learn about health professions and health care, experience university life, and shadow health professionals. For many students, it is the first time they are encouraged to think of themselves as a potential university student and to consider health and biomedical education.

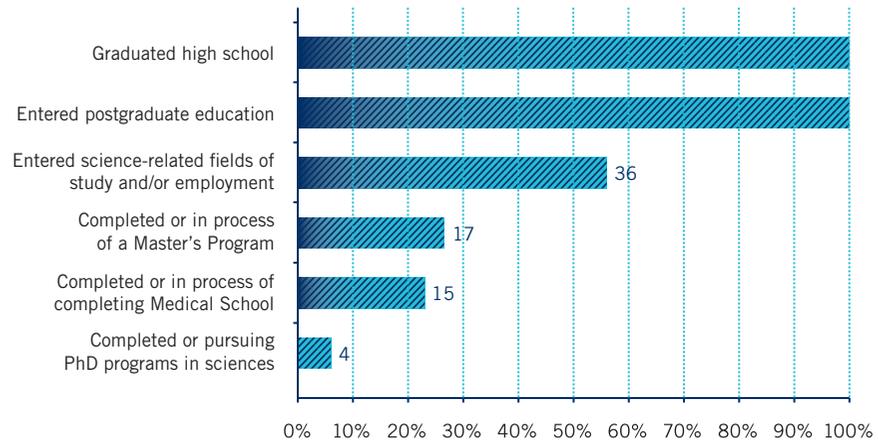
Summer Mentorship Program participants, 2010.

The Summer Mentorship program was a turning point for me. As I look back, I can see how much of an impact it had on my future career path. It is a unique experience, allowing high school students to spend an afternoon in an operating theatre, shadow a family physician, work in a laboratory and have access to the University of Toronto library. It was a doorway for me. The program opened my eyes to the world of healthcare and showed me what it took to be a doctor. It also provided me with a wealth of opportunities; through the mentorship program I secured a volunteer position with the Eye Bank of Canada and had my first experiences with ophthalmology.

Dr. Gary Miller

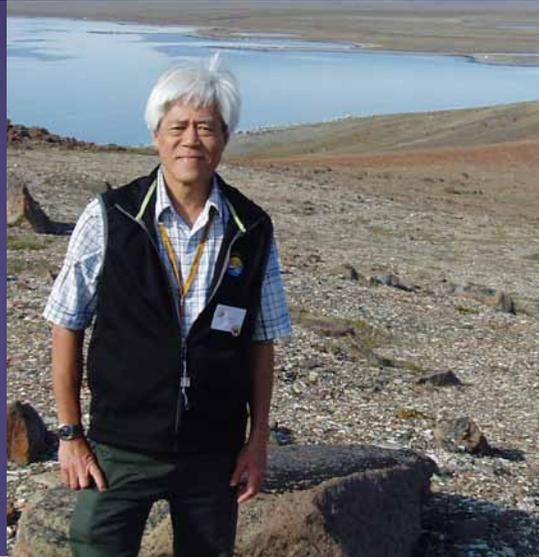
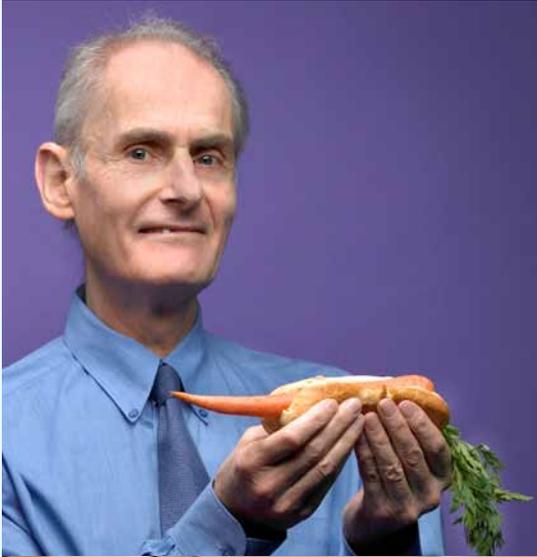
Glaucoma and Advanced Anterior Segment Surgery
Fellow, University of Toronto

CHART 3E.
Graduate Sample Survey of
Summer Mentorship Program (SMP)*



*Responses from 64 SMP participants. This represents 16.2% of a total of 395 graduates who took part in the program between 1994 and 2010.

INNOVATORS WITH IMPACT



[Clockwise from top]

David Jenkins, Department of Nutritional Sciences;
Canada Research Chair in Nutrition and Metabolism;
Director, Risk Factor Modification Centre at St. Michael's

Kue Young, Dalla Lana School of Public Health;
Trans-Canada Pipelines Chair in Aboriginal Health
and Wellness

Walter Kucharczyk, Departments of Surgery and
Medical Imaging; Senior Scientist, Toronto General
Research Institute

Shana Kelley, Faculties of Medicine and Pharmacy;
Department of Biochemistry

Bringing healthier food to the local store

Canada Research Chair in Nutrition and Metabolism, Professor David Jenkins, works with Canada's largest food distributor, Loblaw's Companies, to create new product lines with healthy food ingredients. The collaboration began twenty years ago, prompted by a clinical trial study with the National Institutes of Health that required the researchers to feed high fibre and low cholesterol foods to participants for a very long time. Loblaw's developed the foods to Prof. Jenkins's specifications, and then used this knowledge to create a health product line for customers.

Professor Jenkins is world-renowned for researching the effects of food and food components on cardiovascular disease, diabetes and cancer prevention. In 1981, he discovered and developed the Glycemic Index (GI), which categorizes and measures carbohydrates according to their effect on the body's blood sugar level. Other research, with Professor Cyril Kendall, has resulted in "The Portfolio Diet", a dietary way of achieving a reduction in LDL cholesterol, one of the main risk factors for heart disease.

Influencing the Field of Circumpolar Health

The life-long commitment and contributions of Professor Kue Young, Dalla Lana School of Public Health to researching and improving the health and well being of First Nation peoples, Aboriginal and northern communities, in particular with regard to cardiovascular disease and diabetes, was recognized by the Order of Canada in 2010. He holds the TransCanada Pipelines Chair in Aboriginal Health and Wellness, the first endowed university chair in aboriginal health research in Canada. One of the foremost researchers in the area of circumpolar health, Professor Young is president of the International Network for Circumpolar Health Research and has played a central role in the building of partnerships across the circumpolar world.

Outreach activities undertaken by Faculty members and students impact the health of the most vulnerable people of society—locally, nationally and internationally. We are embarking on a new global health strategy which is being developed by a small group including James Orbinski, Donald Cole, Arnold Noyek, Jane Philpott, Penny Parnes, Clare Pain, Abi Sri-nahan and many others. This is an exciting time for our Faculty.

Professor Katherine Rouleau

Co-Chair Global Health Strategy and Faculty representative on the Global Resource Group at Association of Faculties of Medicine of Canada

Low cost diagnostics for developing countries

Professor Shana Kelley, Faculty of Medicine and Pharmacy, is developing low-cost diagnostic technologies for use in developing countries. She has produced a chip-based sensor that can detect trace quantities of DNA, RNA and protein analytes in samples, an innovative product that has been used in the early cancer diagnosis. Professor Kelley is the co-founder of GeneOhm Sciences, a diagnostics company that exploited nanotechnology to make products for the prevention of hospital-acquired infections, producing tools that are marketed worldwide. In 2010, she was awarded one of Canada's top science and engineering awards, the Natural Sciences and Engineering Research Council of Canada's E.W.R. Steacie Memorial Fellowship, for her work, and is an inaugural recipient of the University's 2011 Inventor of the Year award.

Online system improves quality of reporting

Web-CV is a web-based application that records all publications and citations across every institution and University department, along with the teaching, administrative, service and creative professional activity of our faculty members. Led by Project Manager Sam Chan and academic liaison Professor Walter Kucharczyk, the unique project allows academic output to be quantified and benchmarked, resulting in improved accountability. It allows individual faculty members to manage their entire academic career-related activities from one source; easily and efficiently generate curriculum vitae (CV) and reports required for academic reporting and promotion purposes; and interface with the federal agency web-based CV system—Common CV—without re-entering data when submitting grant applications.

Professor Kucharczyk is a professor in the Departments of Medical Imaging and Surgery where his research has focused on image-guided minimally invasive and non-invasive therapy (CT and MRI). He is a past president of the International Society of Magnetic Resonance in Medicine, the largest research and education group in the world, devoted to developing and teaching magnetic resonance to doctors and scientists.

Our Leadership: New Faculty Decanal, Department Chair and University Centre Director appointments (2009 – 2011)

We have been fortunate to attract an amazing cadre of leaders who at the helm of our great Faculty provide untiring servitude to the growing demands of their portfolios. I wish to welcome the new appointments listed below.

NEW ACADEMIC LEADERSHIP APPOINTMENTS SINCE 2009

Mary L'Abbé, Chair
Department of Nutritional Sciences

Glen Bandiera, Associate Dean
Postgraduate Medical Education
(Admissions and Evaluation)

Alison Buchan, Vice Dean
Research and International Relations

**Avrum Gottlieb, Senior Academic
Advisor to the Dean**

Mark Hanson, Associate Dean
Undergraduate Admissions and
Student Finances

Richard Hegele, Chair
Department of Laboratory Medicine
and Pathobiology

Karen Leslie, Director
Centre for Faculty Development

Stephen Matthews, Chair
Department of Physiology

Leslie Nickell, Associate Dean
Health Professions Student Affairs

Michael Pollanen, Director
Centre for Forensic Science
and Medicine

Susan Rappolt, Chair
Department of Occupational Sciences
and Occupational Therapy

Norman Rosenblum, Associate Dean
Physician Scientist Training Program

James Rutka, Chair
Department of Surgery

Steve Scherer, Director
McLaughlin Centre

Kaveh Shojanian, Director
Centre for Patient Safety

Salvatore Spadafora, Vice Dean
Postgraduate Education

Maria Tassone, Director
Centre for Interprofessional Education

**Sarita Verma, Deputy Dean,
Associate Vice Provost,**
Health Professions Education

Trevor Young, Chair
Department of Psychiatry

ACADEMIC REAPPOINTMENTS SINCE 2009

Brenda Andrews, Chair
Banting and Best Department of
Medical Research and Director,
Terrence Donnelly Centre for Cellular
and Biomolecular Research

Katherine Berg, Chair
Department of Physical Therapy

George Fantus, Associate Dean
Research

Wendy Levinson, Chair
Department of Medicine

Howard Lipshitz, Chair
Department of Molecular Genetics

Lynn MacDonald, Director
Centre for Life Course and Aging

Jay Rosenfield, Vice-Dean
Undergraduate Medical Education

Ivan Silver, Vice-Dean
Continuing Education
and Professional Development

Catharine Whiteside, Dean
Faculty of Medicine
Vice Provost, Relations
with Health Care Institutions,
University of Toronto



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