Dean’s Report 2011
Overview of Performance and Strategic Directions
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Executive Summary

Foreword from Dean Michael Strong

I am pleased to present the annual Schulich School of Medicine & Dentistry Dean’s Report. 2011 was a year for reflection and celebration as we marked the 130th anniversary of our medical school, the 25th anniversary of the Robarts Research Institute, and the 10th anniversary of the Bachelor of Medical Sciences Program. Among the events were a 130th Anniversary Gala held in conjunction with Western’s Homecoming, and a sold-out Leaders in Innovation Dinner featuring Michael J. Fox. Rapport magazine also paid tribute to the school’s legacy and the remarkable research being conducted at Robarts.

It was also a year for looking to the future and setting new goals. After considerable consultation, we developed a new ten-year Strategic Plan for Schulich Medicine & Dentistry, which builds upon our teaching excellence and research capabilities. The Plan, titled Optimizing Life-long Health sets out six strategic directions which you will find outlined in this report.

As well, we conducted an operational review to make sure the School has the right people and skill-sets needed to fulfill the Strategic Plan. Our Chief Operating Officer, Dwayne Martins expands upon that in his summary on the next page.

2011 also marked a great accomplishment on the research side. Our own Chil Yong Kang, of the Department of Microbiology and Immunology, received FDA approval to begin human clinical trials on his HIV/AIDS vaccine, an announcement that brought worldwide attention to Western University and Schulich Medicine & Dentistry. It is research that could have a huge impact on world health. Kang also received a Diamond Jubilee medal presented by Prime Minister Stephen Harper and Governor General David Johnston, for his dedication to finding a preventative vaccine for HIV/AIDS.

On the fundraising side, a gift of $1.5 million from Ray and Margaret Elliott was matched by Western to create another $3 million endowed chair for our School. The Ray and Margaret Elliott Chair in Surgical Innovation will help ensure we maintain our status as one of the world’s pre-eminent surgical departments.

This past year also saw a new spirit of co-operation between our teaching hospitals and our School, and the mutual desire to create an Academic Health Sciences Network in Southwestern Ontario. We are working with our partners to develop an implementation plan.

In August, Schulich Medicine & Dentistry – Windsor Program welcomed the Meds Class of 2015. Now, all four years of undergraduate medicine are being taught in Windsor. We also appointed Gerry Cooper, the Associate Dean of Schulich Medicine & Dentistry – Windsor Program. Dr. Mark Awuku, who had filled in as Acting Associate Dean, was named Assistant Dean, – Windsor Program, Faculty and Governmental Affairs. In May 2012, our Windsor Program Charter Class will graduate, and several events are being planned to recognize the milestone.

The other big change you’ll notice is in our branding. The University will now be known as Western University, and instead of the tower logo, we are now using an updated version of it’s crest. We also have a faculty logo that incorporates the Western branding, which we will use along with our widely recognized Schulich “S” logo.

And finally, I hope you enjoy the new look of the Dean’s Report. I welcome any questions or comments you might have. I hope you also take the opportunity to view my monthly video newsletters at www.schulich.uwo.ca which highlight some of the activities and achievements of our School. We are proud of our 130-year history, and we’re determined to make Schulich Medicine & Dentistry even better in the coming years.

Michael J. Strong, MD, FRCP(C), FCAHS, FAAN
Dean, Schulich School of Medicine & Dentistry
Distinguished University Professor
Western University
Executive Summary
Foreword from Chief Operating Officer Dwayne Martins

Every now and then, all organizations have to stop and take stock. And that’s exactly what Schulich Medicine & Dentistry did in 2011.

First we took a good, hard look at our School’s reputation and standing, and how we might clearly differentiate ourselves from other medical schools. A brand strategy consulting firm, Level 5, was hired to do an in-depth report card on how Schulich Medicine & Dentistry stacked up against the other medical schools in Canada using metrics such as tuition, research dollars, global rankings, journal publications and research revenue. From that exercise we learned that the School should:

• Focus and own the exceptional clinical experience undergraduate medical students receive at Western,
• Build its research strength in key areas,
• Redefine the School’s vision.

Then we set our new Strategic Plan outlining ambitious five and ten-year goals that will make Schulich Medicine & Dentistry a destination of choice for exceptional education, grow our research capabilities and funding, enhance our communications, improve staff and faculty development, develop sustainable partnerships, and improve knowledge translation (Strategic Plan pages 8, 9).

The third step was to conduct an in-depth review of our administrative operations. We brought in Deloitte to conduct extensive interviews with staff members, the decanal team and senior leaders. They made sweeping recommendations on our management structure and staff mix; changes that are necessary to fulfill our strategic directions. My plan is to build a more streamlined, more cost-effective organization, while recognizing the complexities of our decentralized and distributed departments, units and sites.

We are now in the implementation phase and have added a Project Manager to help oversee these changes. Throughout this exercise, we have held town halls with staff members to try to alleviate the concerns often associated with change.

I am excited about the year ahead and all the progress we will make. I also extend my thanks to our faculty and staff, both in London and Windsor, and to our community partners, for our School’s wonderful accomplishments in 2011.

Dwayne Martins
Chief Operating Officer
Schulich School of Medicine & Dentistry
Western University
Strategic Directions & Goals
Optimizing Life-long Health: Strategic Directions & Goals

The 2011-2021 strategic plan outlines the goals and milestones in six key areas, outlined below. For more information, or to view the strategic plan in its entirety, please visit the Schulich Medicine & Dentistry website at: www.schulich.uwo.ca.

1. Create knowledge in the science of healthy and successful development and aging across the life span
   - Become a top five medical/dental school in total research funding in Canada
   - Create new research centres in areas related to the science of healthy development and aging
   - Establish research infrastructure to assist faculty to be successful in research funding opportunities from individual operating grants to interdisciplinary team grants
   - Ensure core facilities are up to date and operate under sound financial principles
   - Enrich the orientation and focus on research across all levels including graduate students, postdoctoral trainees, and undergraduate and postgraduate medical/dental trainees
   - Strengthen structured junior faculty research career paths for both basic science and clinical faculty
   - Enhance research in health professions education

2. Strengthen knowledge transition to achieve health benefits for individuals and populations
   - Promote an interdisciplinary research environment that moves knowledge among the four research domains (bench, bedside, community and health systems/policy)
   - Foster interactions between researchers and knowledge users
   - Build capacity of researchers and knowledge users to engage in knowledge translation
   - Facilitate connections with private sector partners to translate research findings into improved health products and technologies
### 3. Become a destination of choice for exceptional education and learning

- Strategically invest in developing educational programs in public health and in embedding public health knowledge and the science of healthy and successful aging across the educational curriculum at Schulich.
- Position our distributed education models as leading programs in Canada.
- Advance our undergraduate, graduate, postgraduate and postdoctoral and continuing education programs through:
  - increased enrollment
  - enhanced student/trainee support
  - innovative and interdisciplinary/interprofessional curriculum
  - strengthening research orientation in the curricula

### 4. Develop sustainable partnerships, networks and global initiatives

- Strategically invest with partners to formalize an Academic Health Sciences Network in Southwestern Ontario.
- Nurture partnerships with health sector providers, agencies and policy stakeholders to actively engage in health innovation projects.
- Expand outreach with industry, as well as municipal, regional and provincial governments to support the School and the academic network’s research, innovation and knowledge exchange.
- Advance targeted initiatives related to global health and internationalization.

### 5. Lead in programs that foster the growth and success of faculty and staff

- Strategically grow faculty and staff development programs with particular focus on developing capacity in health leadership.
- Enhance the process and support for adjunct and community faculty.
- Target faculty recruitment and retention to build interdisciplinary teams that address needs/gaps to advance the science of the spectrum of aging (i.e. informatics, public health).
- Advance the talent management initiatives for the School’s faculty and staff to build leadership competencies, management skills and succession planning.

### 6. Enhance communications and profile for greater impact

- Create a branding strategy that aligns with Western and positions the School as an international leader in health research, education and the science of health across the life course.
- Lead, formalize and profile national and international collaborations.
- Develop a robust, multi-faceted communications strategy that reaches across the School, the region and Schulich’s highly distributed network, and fosters a sense of belonging within the School community.
- Increase national and international media stories.
Vision, Mission & Values

In 2011, The Schulich School of Medicine & Dentistry created a new ten-year strategic plan for the future of the School. Entitled *Optimizing Life-long Health*, this bold, new vision integrates the current and emerging strengths with several areas targeted for future growth. The plan will allow Schulich Medicine & Dentistry to become a global leader in optimizing life-long health through innovations in research, education and active engagement with our communities.

With the creation of a new strategic direction for the school came the need for a more assertive vision, mission and value statements. Our vision is broad, inclusive of development, health and illness throughout the life span while our mission and values reflect the new direction of the School. All three work to unify our staff, faculty, students and key stakeholders in a clear goal, working towards optimizing life-long health.

### Vision

The Schulich School of Medicine & Dentistry will be a global leader in optimizing life-long health through innovations in research, education and active engagement with our communities.

We will lead in:

- Creating knowledge in healthy development and aging across the life span from pre-conception to end of life, examining the underlying mechanisms of development and aging, and how it is influenced by genetics and environment
- Translating knowledge across the research domains of basic, clinical, health services, policy, and population health and in partnership with the communities of Southwestern Ontario, to benefit global health
- Embedding the science of healthy and successful development and aging into the education curriculum

### Mission

The Schulich School of Medicine & Dentistry provides outstanding education within a research-intensive, distributed learning environment where tomorrow’s physicians, dentists, health researchers and other scholars learn to be socially responsible leaders in the advancement of human health locally, regionally and globally.

### Values

We embrace the following core values:

- Social responsibility and accountability
- Innovation and scientific excellence in all that we do
- Learning experiences which foster academic leadership, critical inquiry and a passion for life-long learning
- Compassionate, patient- and family-centred care
- Diversity
- Collaboration and partnership
Schulich Medicine & Dentistry: Overview

2011/12 Enrolment

- 649 medical students, including 130 at the Windsor Program
- 260 dentistry students
- 712 students in Year 3 and 4 of the Bachelor of Medical Sciences Program
- 796 postgraduate medical trainees (residents and fellows)
- 4 postgraduate dental residents
- 612 graduate students working towards master’s or PhD degrees
- 155 postdoctoral scholars
- 9 training in specialized postgraduate dentistry programs
- 6 graduate students training in Oral and Maxillofacial Surgery Program
- 36 students in the Internationally Trained Dentists Program

Research

- $130 million in approximate annual funding
- 20 Canada Research Chairs
- 7 areas of medical and dental research excellence, including:
  - Biomedical imaging
  - Cancer
  - Cardiovascular, respiratory health and metabolic diseases
  - Maternal, fetal, child and family health
  - Infection and immunity
  - Musculoskeletal health
  - Neuroscience and mental health
- 7 additional emerging areas of research including:
  - Aging and geriatric medicine
  - Clinical pharmacology and personalized medicine
  - Environment and health
  - Genomics, proteomics and bioinformatics
  - Health services
  - Delivery and policy
  - Innovative surgical therapies
  - Population health
Operations & Administration
Space and Facilities

The Schulich School of Medicine & Dentistry occupies several buildings on the Western University campus, but the School truly stretches across London through research institutes and teaching hospitals, as well as across Southwestern Ontario through multiple regional partners. The table below refers specifically to on-campus facilities and does not include space in the hospitals or external research institutes.

2010 – 11 Highlights*

- Completion of the expansion of the Department of Medical Biophysics to Natural Sciences Centre
- Ongoing planning for the new building to house the Department of Family Medicine and the Master of Public Health Program at the former Westminster College site
- Completion of the Dental Sciences Building Room 1002 as the second videoconferencing-enabled classroom to support undergraduate medical education
- Renovations underway on the 2nd floor of the Dental Sciences Building to provide renovated teaching laboratory space for the Departments of Physiology and Pharmacology, and Anatomy and Cell Biology

*All highlights do not include the Windsor Program

<table>
<thead>
<tr>
<th>Western University</th>
<th>2011 (sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Sciences Building</td>
<td>116,695</td>
</tr>
<tr>
<td>Dr. Don Rix Clinical Skills Learning Building</td>
<td>14,263</td>
</tr>
<tr>
<td>Health Sciences Addition</td>
<td>17,128</td>
</tr>
<tr>
<td>Kresge Building</td>
<td>6,958</td>
</tr>
<tr>
<td>Medical Sciences Building</td>
<td>91,803</td>
</tr>
<tr>
<td>Molecular Biology Laboratory</td>
<td>11,208</td>
</tr>
<tr>
<td>Natural Sciences Centre</td>
<td>2,223</td>
</tr>
<tr>
<td>Robarts Research Institute</td>
<td>109,885</td>
</tr>
<tr>
<td>Siebens-Drake Medical Research Institute</td>
<td>43,234</td>
</tr>
<tr>
<td>TOTAL</td>
<td>397,543</td>
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</table>

<table>
<thead>
<tr>
<th>University of Windsor</th>
<th>2011 (sq. ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Education Building</td>
<td>61,000</td>
</tr>
<tr>
<td>(Owned by University of Windsor, but home to Schulich Medicine &amp; Dentistry - Windsor Program)</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>61,000</td>
</tr>
</tbody>
</table>
Finance

Operating Revenue

Sources of Operating Revenue

- Revenues for Schulich Medicine & Dentistry are derived from:
  - base government grants
  - tuition revenue
  - Canada Research Chairs
  - recoverable salaries
  - other sources (i.e. external billing for service, external salary recoveries and fundraising development)

- Base increases this year are due to:
  - government grants for increased undergraduate medicine enrolment
  - a change in the way the University allocated undergraduate, graduate and medical postgraduate funding

Total Operating Revenue 2007-2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Operating Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-08</td>
<td>$113.9 million</td>
</tr>
<tr>
<td>2008-09</td>
<td>$117.9 million</td>
</tr>
<tr>
<td>2009-10</td>
<td>$132.3 million</td>
</tr>
<tr>
<td>2010-11</td>
<td>$136.3 million</td>
</tr>
<tr>
<td>2011-12</td>
<td>$144.7 million (projected)</td>
</tr>
</tbody>
</table>

2010-11 Operating Revenues: 136.3 Million

- Western to Medicine (60.8M)
- Ministry of Health and Hospital Envelope Funding (14.1M)
- Clinical Tithes and Transfers from Fund Accounts (11.3M)
- Alternate Funding Plan (8.7M)
- Other* (18.1M)
- Western to Dentistry (12.8M)
- Western to Robarts (10.5M)

* Other includes CRC funding, donations and student fees.
## Human Resources
### Endowed Chairs

<table>
<thead>
<tr>
<th>Endowed Chair</th>
<th>Current Incumbent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fallon Memorial Chair of Clinical Preventative Medicine</td>
<td>Karen Campbell</td>
</tr>
<tr>
<td>Richard Ivey Chair in Medicine</td>
<td>Recruitment in progress</td>
</tr>
<tr>
<td>Hannah Chair in the History of Medicine</td>
<td>Recruitment in progress</td>
</tr>
<tr>
<td>The Richard Ivey Professor and Chair of Surgery</td>
<td>Dr. John D. Denstedt</td>
</tr>
<tr>
<td>Richard &amp; Beryl Ivey Chair in Clinical Neurological Sciences</td>
<td>Vacant</td>
</tr>
<tr>
<td>Ian McWhinney Chair of Family Medicine Studies</td>
<td>Dr. Stewart Harris</td>
</tr>
<tr>
<td>Martha G. Blackburn Chair in Cardiovascular Research</td>
<td>Dr. Robert Hegele</td>
</tr>
<tr>
<td>Barnett/Ivey Chair in Heart &amp; Stroke Research</td>
<td>Dr. Geoff Pickering</td>
</tr>
<tr>
<td>The Richard &amp; Jean Ivey Fund Chair in Molecular Toxicology</td>
<td>Dr. Gideon Koren</td>
</tr>
<tr>
<td>The Earl Russell Chair in Pain Management</td>
<td>Dr. Dwight Moulin</td>
</tr>
<tr>
<td>The Beryl Ivey Chair in Ecosystem Health</td>
<td>Charles Trick</td>
</tr>
<tr>
<td>CIHR-GSK Chair in Paediatric Clinical Pharmacology</td>
<td>Dr. Michael Rieder</td>
</tr>
<tr>
<td>Dr. Sandy Kirkley Chair in Musculoskeletal Research</td>
<td>David Holdsworth</td>
</tr>
<tr>
<td>The Dr. Joseph Rea Chair in Mood Disorders</td>
<td>Dr. Elizabeth Holdsworth</td>
</tr>
<tr>
<td>Dr. Brian W. Gilbert Canada Research Chair in Primary Health Care</td>
<td>Moira Stewart</td>
</tr>
<tr>
<td>Edith Schulich Vinet Canada Research Chair in Human Genetics</td>
<td>Dr. Robert Hegele</td>
</tr>
<tr>
<td>Tanna Schulich Chair of Neuroscience &amp; Mental Health</td>
<td>Dr. Peter Williamson</td>
</tr>
<tr>
<td>Sheldon H. Weinstein Chair in Diabetes Research</td>
<td>David Hill</td>
</tr>
<tr>
<td>Jacob J. Wolfe Distinguished Medical Research Chair in Human Gene Function</td>
<td>Dr. Robert Hegele</td>
</tr>
<tr>
<td>The Beryl &amp; Richard Ivey Chair in Rehabilitation and Geriatric Care</td>
<td>Dr. Rob Petrella</td>
</tr>
<tr>
<td>The Provincial Endowed Chair in Autism &amp; Behavioural Sciences</td>
<td>Dr. Rob Nicolson</td>
</tr>
<tr>
<td>The Harris-Woodman Chair in Psyche and Soma</td>
<td>Dr. Ruth Lanius</td>
</tr>
<tr>
<td>Canadian Diabetes Association Chair in Diabetes Management</td>
<td>Dr. Stewart Harris</td>
</tr>
<tr>
<td>Graham King Musculoskeletal Research Chair</td>
<td>Jim Johnson</td>
</tr>
<tr>
<td>Linda and Cecil Rorabeck Chair in Molecular Neuroscience and Vascular Biology</td>
<td>Inaugural recruitment in progress</td>
</tr>
<tr>
<td>Dr. Ramsay W. Gunton Chair in Cardiology</td>
<td>Dr. Samuel Siu</td>
</tr>
<tr>
<td>The Ray and Margaret Elliott Chair in Surgical Innovation</td>
<td>Pending</td>
</tr>
<tr>
<td>The J.C. Kennedy Chair in Orthopaedic Surgery</td>
<td>Pending</td>
</tr>
<tr>
<td>Wolfe Medical Research Chair in Pharmacogenomics</td>
<td>Dr. Richard Kim</td>
</tr>
</tbody>
</table>
Human Resources
2010 – 11 Highlights

Chair/Chief Appointments

- Dr. Davy Cheng reappointed Chair/Chief, Department of Anesthesia and Perioperative Medicine (July 1, 2011-June 30, 2016)
- Dr. John Yoo reappointed Chair/Chief, Department of Otolaryngology (July 1, 2011-June 30, 2016)
- Dr. Guido Filler reappointed Chair/Chief, Department of Paediatrics (July 1, 2011-June 30, 2016)
- Subrata Chakrabarti appointed Chair/Chief, Department of Pathology (July 1, 2011-June 30, 2016)
- Dr. Stephen Wetmore appointed Chair/Chief, Department of Family Medicine (September 1, 2011-August 31, 2016)
- Dr. Paul Links, Chair/Chief, Department of Psychiatry (January 1, 2012-December 31, 2016)
- Dr. Maggie Rebel, Chair/Chief, Department of Obstetrics and Gynaecology (February 1, 2012-January 31, 2017)
- Dr. Tim Doherty, Chair/Chief, Department of Physical Medicine and Rehabilitation (February 1, 2012-January 31, 2017)
- Dr. Rob McFadden, Interim Chair/Chief, Department of Medicine (February 1, 2012-January 31, 2014)

Director Appointments

- Dr. Harinder Sandhu reappointed as Director, Schulich Dentistry and Vice-Dean, Schulich Dentistry (July 1, 2011-June 30, 2017)

Chair Appointments

- Kem Rogers, appointed Acting Chair of the Department of Anatomy and Cell Biology (July 1, 2011-June 30, 2012)

Staff Complement: 1538

- Regular Full-Time/Part-Time Staff: 551
- Temporary Contract Staff*: 447
- Graduate Research Assistants, Postdoctoral Fellows and Postdoctoral Associates: 540

* Temporary Contract Staff includes Graduate Teaching Assistants and Student Assistants
Human Resources
2010 – 11 Highlights Continued

Decanal Appointments

- Dr. Bertha Garcia reappointed Vice Dean, Education (July 1, 2011-June 30, 2016)
- Dr. Michael Rieder appointed Acting, Assistant Dean, Student Affairs (July 1, 2011-December 31, 2011)
- Dr. Margaret Steele appointed Vice Dean, Hospital & Interfaculty Relations (September 1, 2011-August 31, 2016)
- Dr. Mark Awuku, appointed Assistant Dean, Faculty and Governmental Affairs, Windsor (September 1, 2011-August 31, 2014)
- Gerry Cooper, appointed Associate Dean, Windsor (September 1, 2011-August 31, 2016)
- Dr. Gary Tithecott appointed Associate Dean, Undergraduate Medical Education (September 1, 2011-August 31, 2016)
- Dr. Mohammad Abdur Rab, Interim Director, Schulich Interfaculty Program in Public Health (January 16, 2012-December 31, 2014)
- Denise Figlewicz, Vice Dean, Research (March 1, 2012-March 31, 2017)

Endowed Appointments

- Dr. Geoff Pickering, appointed Heart and Stroke Foundation of Ontario/Barnett-Ivey Chair at the Robarts Research Institute Endowed Chair (January 1, 2011-December 31, 2015)
- Jim Johnson, Graham King Musculoskeletal Research Chair (January 1, 2012-December 31, 2016)

Faculty Complement: 2057

- Full-Time Faculty (PhD/DDS) 199
- Full-Time Clinical Faculty (Physicians) 711
- Part-Time Clinical Faculty (Physicians) 780
- Institute Scientists 49
- UWOFA Limited Duties 20
- Other* 298

* Other includes adjunct (formerly casual) and visiting faculty but excludes cross-appointments and professor emeritus.
Alumni Relations & Development

2010 – 11 Highlights

- As part of the Campaign for Western, the Schulich School of Medicine & Dentistry has embarked on a $145 million campaign. Our Achieve campaign is focused on enriching The Western Experience for our students by investing in four main areas: student award and support programs, attracting and retaining the world’s best faculty leaders, building on our research and academic strengths, and enhancing the on-campus learning environment through infrastructure investment.

- A $1.5 million donation from Ray and Margaret Elliott has been matched by Western University to form a $3 million endowed research chair at the Schulich School of Medicine & Dentistry. Collaborating with the Faculties of Engineering, Health Sciences, and the Richard Ivey School of Business, the Ray and Margaret Elliott Chair in Surgical Innovation will help to position Western as an international leader in surgical innovation.

- The medical school at Western University was founded in 1881. To celebrate the 130th anniversary, the Schulich School of Medicine & Dentistry hosted an inaugural gala, during Homecoming weekend. It was a star-studded evening celebrating 130 years of research and medical excellence.

- Celebrating the 25th anniversary of the Robarts Research Institute, the Leaders in Innovation Dinner was headlined by leading Parkinson’s research advocate, Michael J. Fox. Before a crowd of nearly 500, Fox was funny, engaging and most importantly, inspiring, as he spoke about his life with Parkinson’s.

- An anonymous donor made a $1 million bequest to the Kathleen and Henry Barnett Chair. The chair is named in honour of Dr. Henry Barnett who, amongst other honours, is the co-founder of the Robarts Research Institute and served as its first Scientific Director.

Schulich Medicine & Dentistry Endowed Funds as of April 30, 2011

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
<th>Percentage Increase over 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty &amp; Department</td>
<td>$11,303,942</td>
<td>9%</td>
</tr>
<tr>
<td>Chairs &amp; Professorships</td>
<td>$54,214,118</td>
<td>33%</td>
</tr>
<tr>
<td>Lectureships &amp; Enhancements</td>
<td>$3,276,345</td>
<td>6%</td>
</tr>
<tr>
<td>Equipment</td>
<td>$49,246</td>
<td>5%</td>
</tr>
<tr>
<td>Research</td>
<td>$9,856,870</td>
<td>12%</td>
</tr>
<tr>
<td>Student Awards/Aid</td>
<td>$46,425,707</td>
<td>6%</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>$362,063</td>
<td>6%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>$125,488,291</td>
<td>18%</td>
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Alumni Relations & Development
Schulich Medicine & Dentistry Fundraising

- Over the past five years, the Schulich School of Medicine & Dentistry has received $39,372,907 in philanthropic contributions and we thank all donors for their generous support.

<table>
<thead>
<tr>
<th>Year</th>
<th>Fundraising Dollars</th>
</tr>
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<tbody>
<tr>
<td>2006-2007*</td>
<td>$4,162,580</td>
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<tr>
<td>2007-2008</td>
<td>$11,846,423</td>
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<tr>
<td>2008-2009</td>
<td>$7,696,261</td>
</tr>
<tr>
<td>2009-2010</td>
<td>$5,606,164</td>
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<tr>
<td>2010-2011</td>
<td>$10,061,479</td>
</tr>
</tbody>
</table>

* Note: 2006-2007 figures do not include funds contributed toward the Robarts Research Institute.

Schulich Medicine & Dentistry Fundraising Dollars

* Note: 2006-2007 figures do not include funds contributed toward the Robarts Research Institute.
Communications and Marketing

2011 Highlights – Marketing and Branding

- A Communications Co-ordinator hired in August and another hired on contract from September to February.

- Production of Winter 2011 Rapport magazine, which celebrates the 130th anniversary of the medical school, the 25th anniversary of Robarts Research Institute, and 10th anniversary of the BMSc Program (43 pages).

- Developed invitation, historical banners, and presentation materials for the 130th Anniversary Gala held on the Friday of Homecoming weekend.

- Developed two videos for the Leaders in Innovation Dinner, one paying tribute to the founders of Robarts Research Institute and the other showing the history of Robarts. The program and slide presentation was also created by the communications department.

- Organized staff lunch to mark the day, 130 years ago, when the charter to create a medical school at Western University was signed.

- Worked with consulting firm Level Five to do an analysis of the School’s standing in comparison to other medical schools.

- Introduction cards were designed and distributed for Gerry Cooper, Associate Dean, Schulich Medicine & Dentistry – Windsor Program.

- Worked as a member of a committee to help guide Western’s re-branding.

- Updated brochures and other material for various departments.

- Produced monthly video newsletters with the Dean drawing 500 views each.

- Organized and publicized Dean’s town hall meetings.

- Worked with Media Relations Officer to develop five and ten-year goals for Strategic Direction #6: Enhance communications and profile for greater impact.

- Designed and printed one-page summary as well as the full Strategic Plan 2011-2021.

- Updated, designed and printed one-page fact sheet for the School.

- Designed invitation and program slides for the Celebration of Excellence (Dean’s Awards).

- Designed and printed holiday cards depicting the original medical school building.

- Organized and ran Mini Medical School, a six-week community outreach program which attracted 150 registrants.
Communications and Marketing

2011 Highlights – Web and Social Media

- Managed content for the Schulich Medicine & Dentistry home page and key external sections of the website, including posting more than 150 news stories and over 45 banner photos/stories to the home page
- Redesigned the main website navigation for a more intuitive and user-friendly experience
- Consultation and site navigation planning for website redesign provided to Rheumatology, BMSc, Geriatric Medicine, Neonatal, Otolaryngology - Head and Neck, Paediatrics, and the CIHR Human Immunology Network
- Redesigned ThisWeek@Schulich, an e-bulletin sent to almost 7,000 faculty, staff, students and trainees at the Schulich School of Medicine & Dentistry
- Began live-streaming events online such as the Dean’s Town Hall and the Taylor Symposium at Robarts
- Over 30 new videos added to YouTube playlist for the School with over 8,000 combined views
- 700 “likes” on Facebook from over 20 countries with each post receiving more than 1,000 views
- Started Twitter account, @SchulichMedDent which now has more than 470 followers with 200+ tweets sent

2011 Highlights – Video Production

The Communications Department ramped up video production this year as a way to promote the School and the accomplishments by staff, faculty and students. All videos are posted on the Schulich Medicine & Dentistry YouTube playlist, linked from the homepage.

- Oversaw production of six virtual tours for Robarts:
  - Image-guided surgery
  - 2nd floor imaging centre
  - Imaging Fabrication Lab
  - In-Vitro Molecular Imaging
  - Molecular Pathology
  - Krembil Centre for Stem Cell Biology
- Monthly Dean’s video newsletters
- White Coat Ceremony
- 130th anniversary gala video
- Robarts - Honouring our Founders
- Robarts - 25 years of Discovery
- Live-stream of Taylor Symposium
- Video media releases:
  - Dwayne Jackson - Stress & Breast Cancer
  - Marco Prado - Parkinson’s and brain research
  - Rob Bartha & Dr. Neil Duggal - Spinal cord compression and the brain
  - Dr. James White - Cardiac MRI
  - Murray Huff - Nobiletin and obesity
  - Dr. Geoffrey Pickering - Blood Vessel Regeneration
  - Steven Laviolette - Drugs and brain perception
  - Stephen Sims - Osteoporosis research using a woolly mammoth tusk
Media Relations
2011 Highlights

- **Chil Yong Kang** of the Department of Microbiology and Immunology received FDA approval to begin human clinical trials on his HIV/AIDS vaccine. A news conference was held which drew widespread attention. The story was carried in every national newspaper, and on radio and television stations including CBC Radio and Television, Global News, CTV Canada AM, CHCH-TV, and CTVtwo. It was also picked up by newspapers and magazines throughout the world including Sky News, Sydney Star Observer, South Asia News and ABC Action News.

- **Murray Huff** of Robarts Research Institute published research on Nobiletin, a flavonoid found in tangerines, and its ability to prevent obesity, Type 2 Diabetes and atherosclerosis. It made headlines around the world in April 2011 including the Daily Mail, Daily Telegraph and Daily Mirror in the U.K., the French Tribune, the Chilean newspaper La Tercera, United Press International, SWR German Public Radio, the Vancouver Sun, Montreal Gazette and other Postmedia newspapers, and the London Free Press. He was also on ANews, CBC Radio and BBC Radio.

- **Dr. Geoffrey Pickering** discovered a strategy for stimulating the formation of highly functional new blood vessels in tissues starved of oxygen. The research drew international attention including the French Tribune, Irish Independent, Gizmag, 3D News (Russia) Pune Mirror (India), Scottish Daily Record, Top News New Zealand, CBC Radio, ANews and many others.

- **Steven Laviolette** of the Department of Anatomy and Cell Biology explained how drugs like marijuana affect how the brain perceives the significance of emotional information, research that could also explain the suggested link between heavy marijuana use and schizophrenia. His work was carried in the Australian science magazine Cosmos, CBC Radio, Time magazine, the Globe and Mail, Times of India and the German science magazine Gehirn & Geist to name a few.

- **Michael J. Fox** was the keynote speaker for the Leaders in Innovation Dinner celebrating the 25th anniversary of Robarts Research Institute. The actor and Parkinson’s research advocate only agreed to do one interview which was with CTV’s Avis Favaro but it received maximum mileage with CTV National News, a longer story on Canada AM, a report on CTVtwo (London) and on Etalk. It was also in the London Free Press.

- **Stephen Sims**, a physiologist in the Musculoskeletal Health Research Group, is using a section of 30,000 year old woolly mammoth tusk, unearthed in the Yukon, for modern medical research. Sims studies the cells that cause bone loss and he’s hoping the ancient ivory will provide new insight which could lead to novel therapies for osteoporosis and other diseases of the bone. The story made national news and was featured in the Toronto Star, CBC Radio, Winnipeg Free Press, London Free Press, Canada AM and ANews.
Media Relations

2011 Highlights

- A successful news conference was held in Windsor to announce the new Associate Dean, Schulich Medicine & Dentistry – Windsor Program. The Windsor Star carried both online video and a newspaper story. It was also picked up by CBC and CKLW radio stations. We continue to enjoy strong local coverage of all our School’s activities in Windsor, including a regular health op-ed in the Windsor Star online written by a medical student.

- News releases and coverage were arranged for several student projects this year including: Project Green which has students collecting open but unused surgical supplies to send to third world countries, Sharing Smiles Day which has dental students interacting with developmentally challenged children and adults, and medical students’ donation to the London Aids Connection to fund a support program.

- Media training workshops were held for faculty, the senior executive committee and two graduate student classes.

- Increasing national and international media stories has been identified as one of the goals in the Strategic Direction #6: Enhance communications and profile for greater impact. Western has now contracted a company to measure media hits including online, to help establish a baseline.

- Media Relations Officer Kathy Wallis has been covering the Communications Officer role since October 1st. An Associate Director – Communications and Marketing will start in mid-March, 2012.
Information Services

2010 – 11 Highlights

- Another large classroom (DSB1002) was retrofitted to support videoconferencing. This second classroom was required to accommodate the 4th year class of undergraduate medical students.
- The technology in classrooms and small teaching rooms was migrated to take advantage of the central authentication system to provide more standardized access, better security and logging.
- New network equipment was purchased to accommodate both current and future needs of Schulich Medicine & Dentistry clients. This new technology will allow for redundancy and more flexibility for the School as the computing needs grow.
- The Schulich Administrative System (SAS) application was brought online; SAS is a comprehensive database application which allows for integrated information management across all of the School.
- A new web content management system was brought online, making it easier for clients to post and maintain web content. Additional resources were provided to the web in an effort to co-ordinate, improve and standardize web content.

Teaching and Technology Services (TTS)

2010 – 11 Highlights

- **Strategic Planning and Scoping**
  - Plan developed for strategic transitioning of TTS to Strategic eLearning Commons (SEC)
  - Task Force on Lecture Capture formed, work completed and conclusions presented

- **Instructional Technology Training**
  - Approximately 30 faculty training sessions
  - Developed and delivered five faculty development training workshops
  - Developed, piloted and implemented WiFi-based Audience Response System in Year 1 MD classes

- **Media Production and Technology Support**
  - Approximately 700 hours of videoconferencing support for Year 1 and 2 students in the medical program (2010/2011 year)
  - Approximately 400 hours of videoconferencing support for administration (student meetings, program committees, etc.)
  - Video taping and video projects as required

- **General Highlights**
  - 99% of distributed videoconference MD program delivered successfully and on-time
  - Piloting of interactive Audience Response System (clickers)
  - Brainstorming of TTS and SEC units and their support functions for Schulich Medicine & Dentistry
  - Continued support of instructors in MD, DDS and BMSc programs
Teaching and Technology Services
2010 – 11 Highlights Continued

Instructional Design, Consultation and Construction
- Construction and deployment of eLearning modules in MD, BMedSc and DDS courses
- Continuing support of all WebCT modules (MD program)
- Extensive design/redesign, module development with ITRC help (Pharmacology)
- Content creation: lectures, games, cases (Pharmacology)
- Completed development of online lab course (Physiology)
- Designed virtual labs using video and interactive tools (Physiology)
- Module development, video, video editing (Physiology)

Instructional Design, Consultation and Construction by Course

<table>
<thead>
<tr>
<th>Course</th>
<th>Total Number of Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEE</td>
<td>6</td>
</tr>
<tr>
<td>Repro</td>
<td>12</td>
</tr>
<tr>
<td>GI</td>
<td>22 updates</td>
</tr>
<tr>
<td>GU</td>
<td>22 updates</td>
</tr>
<tr>
<td>RESP</td>
<td>26 updates</td>
</tr>
<tr>
<td>Pharm</td>
<td>17 updates</td>
</tr>
<tr>
<td>CVS</td>
<td>19 updates</td>
</tr>
<tr>
<td>Physiol 3120</td>
<td>24</td>
</tr>
<tr>
<td>Physiol 3400</td>
<td>12</td>
</tr>
<tr>
<td>Skin</td>
<td>36</td>
</tr>
<tr>
<td>Dent. Anatomy</td>
<td>8</td>
</tr>
<tr>
<td>Endo</td>
<td>6</td>
</tr>
<tr>
<td>Blood</td>
<td>8</td>
</tr>
<tr>
<td>Forensics</td>
<td>1</td>
</tr>
<tr>
<td>ITM</td>
<td>26</td>
</tr>
<tr>
<td>Anatomy Research</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MD Year 3 Class</th>
<th>Total Number of Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Half Day</td>
<td>6</td>
</tr>
<tr>
<td>Family Med</td>
<td>16</td>
</tr>
<tr>
<td>Internal Med</td>
<td>20</td>
</tr>
<tr>
<td>Obs/Gyn</td>
<td>5</td>
</tr>
<tr>
<td>Paediatrics</td>
<td>14</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>14</td>
</tr>
<tr>
<td>Radiology</td>
<td>7</td>
</tr>
<tr>
<td>Surgery</td>
<td>13</td>
</tr>
</tbody>
</table>
Outstanding Education
Program Offerings

The Schulich School of Medicine & Dentistry offers a number of degree and combined degree programs:

- Doctor of Medicine (MD)
- Doctor of Dental Surgery (DDS)
- 49 postgraduate medicine (residency) training programs
- Postgraduate dental residency program
- Bachelor of Medical Sciences (BMSc - General/Honors)
- 15 Graduate Programs offering MSc and PhD programs in basic and clinical sciences
- Combined MD/PhD
- Combined MD/Bachelor of Engineering Science degree
- Combined MD/HBA (Business Administration) degree
- Graduate Orthodontics
- Combined residency in Oral & Maxillofacial Surgery/MSc in pathology/MD degree
- Dental Clinician Scientist (joint degree program)
- Internationally Trained Dentists Program (for dental graduates with degrees not accredited in Canada)
- Continuing Medical and Dental Education Programs for practicing physicians and dentists
Doctor of Medicine (MD) Program

2010 – 11 Highlights

- The report of the Liaison Committee on Medical Education and Committee on Accreditation of Canadian Medical Schools (LCME/CACMS) status report from October 2010 recognized continued improvement in curriculum monitoring and design. A further status report will be submitted in August 2012.

- Our overall program competencies were revised, aligning them more explicitly with the CanMEDS roles.

- Reviews of teaching and assessment practices for all four years within the MD program were completed. We worked with Course Chairs and Rotation Directors to revise program offerings in light of recommendations from the teaching and assessment review. This led to the redevelopment of Community Health into discrete courses, including Medical Ethics & Humanities, Population Health, Health Care Systems, and Epidemiology that were launched in September 2011.

- We further aligned assessment methods across the curriculum through the revision of Clinical Methods, Clerkship and Clinical Electives assessment tools.

- We are developing a Professional Learning Portfolio to provide students with a framework to integrate and discuss academic and clinical achievements in professional contexts, as well as provide students with additional guidance in developing life-long learning skills (launched in January 2012 for Year 4 and will be implemented September 2012 for Years 1 & 3).

- Course production methods were refined to better support faculty while still ensuring we are able to meet our course production targets.

- In anticipation of the January 2012 implementation of the new Year 4 ICE program, a task force was created to anticipate future learning and programmatic needs based on lessons learned from previous transition periods. The task force addressed issues of multiple learning sites, proposed new content, and the support of Windsor faculty in developing new modules. Explored using fully online education to enhance our ability to offer a wider range of courses and engage Rural Regional faculty in new and innovative ways.

Application Information

- Students may apply to multiple schools through the Ontario Medical School Application Service
- Overall, applications to Ontario medical schools increased by 7.4% this year
- Schulich School of Medicine & Dentistry received 2,317 applications in the fall of 2011 for the 171 available spaces
Doctor of Medicine (MD) Program

Schulich Medicine Applications: 2001-2011 Table and Chart

<table>
<thead>
<tr>
<th>Year</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Applicants</td>
<td>1,565</td>
<td>1,706</td>
<td>1,874</td>
<td>2,523</td>
<td>2,296</td>
<td>1,802</td>
<td>2,263</td>
<td>2,376</td>
<td>2,294</td>
<td>2,317</td>
</tr>
</tbody>
</table>

NOTE: Year reflects requests for entry in subsequent year. Example: In 2002, 1,565 students applied for the September 2003 entering class.

Ontario Medical School Applications*:

<table>
<thead>
<tr>
<th>School</th>
<th>Number of Applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td>DeGroote (McMaster)</td>
<td>4,211</td>
</tr>
<tr>
<td>Ottawa</td>
<td>3,669</td>
</tr>
<tr>
<td>Queen’s</td>
<td>3,359</td>
</tr>
<tr>
<td>Toronto</td>
<td>3,052</td>
</tr>
<tr>
<td>Schulich</td>
<td>2,317</td>
</tr>
<tr>
<td>Northern Ontario</td>
<td>1,932</td>
</tr>
</tbody>
</table>

*Numbers reference 2011 for 2012 Entry Class. NOTE: Ottawa and Northern Ontario do not consider MCAT scores in admissions.
Doctor of Medicine (MD) Program
Class of 2015 Profile

The information below profiles students who entered Year 1 in September 2011 with an expected graduation year of 2015.

Demographics of all applicants

- 425 applicants invited for interviews
- 171 applicants accepted to the program
  - 133 in London
  - 38 in Windsor
- 94 male applicants accepted, 55% of the class total
- 77 female applicants accepted, 45% of the class total

Of the 171 applicants accepted:
- 156 or 91% are from Ontario
- 5 are from British Columbia
- 5 are from Alberta
- 1 is from Newfoundland
- 2 are from Quebec
- 2 from areas classified as ‘other’

Demographics of applicants from Southwestern Ontario

- 106 applicants invited for interviews
- 81 applicants offered acceptance to the program
- 76 accepted the offer, 44% of the class total
- 37 students are from Middlesex County
- 21 students are from Essex County

Last University Attended:

- 54 – Western University
- 19 – McMaster University
- 18 – University of Toronto
- 17 – Queen’s University
- 16 – University of Windsor
- 10 students from each:
  - Waterloo University
  - McGill University
  - University of Guelph
- 4 – University of Ottawa
- 4 – University of British Columbia
- 2 – York University
- 1 student from each:
  - University of Alberta
  - University of Calgary
  - Dordt College
  - Redeemer University College
  - Rutgers University
  - University of King’s College
  - Wilfrid Laurier University
Windsor Program
2010 – 11 Highlights

- 38 students entered Year 1 in September 2011. The total number of undergraduate students at the Windsor Program is 130 (UGY1=38; UGY2=38; UGY3=30; UGY4=24).

- The new Associate Dean, Windsor Program was hired in September 2011. Gerry Cooper took on the role, returning to his home-town from Sudbury where he was an Associate Director at Northern Ontario School of Medicine.

- Dr. Mark Awuku was named the Assistant Dean, Faculty & Government Affairs.

- Preliminary discussions have explored the feasibility of better integrating the Windsor Program faculty with the University of Windsor and Western University communities.

- Building on our successful collaborations with Nursing, we continue to seek additional opportunities with other University of Windsor departments.

- Medical students introduced SWHLS (Schulich Windsor Health Lecture Series) offering free health-related seminars to the community.

- As of January, 2012, the Year 4 curriculum is being delivered for first time to Windsor Program students.

- The UGY4 OSCE took place in January 2012. Planning began in November 2011.

- Plans are in place to roll out three distinct Awards of Excellence at the Windsor Program, a continuation of the SWOMEN Awards.

- Planning for the Windsor Program Charter Class graduation celebration is underway. The event will take place in April.

- Faculty development workshops are ongoing and additional topics are being offered at the Windsor Program.

- A second visit to the Henry Ford Hospital was intended to further our efforts to build a collaborative working relationship.

- Construction on the 3rd floor of the Medical Education Building, home of the Windsor Program, is nearing completion and will enhance the Windsor Program’s capabilities.

- Charter Class members will be participating in the CaRMS process, a first for the Windsor Program.

- The staff complement at Windsor continues to expand to meet the growing demands of the Windsor Program.
## Doctor of Medicine (MD) Program

### Ontario MD Schools: Year 1 Tuition Comparison for fall 2011-2012

<table>
<thead>
<tr>
<th>School</th>
<th>Tuition Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toronto</td>
<td>$18,977</td>
</tr>
<tr>
<td>Schulich</td>
<td>$20,183</td>
</tr>
<tr>
<td>Queen’s</td>
<td>$19,868</td>
</tr>
<tr>
<td>Northern Ontario</td>
<td>$17,850</td>
</tr>
<tr>
<td>McMaster, Degroote</td>
<td>$22,497</td>
</tr>
<tr>
<td>Ottawa</td>
<td>$19,566</td>
</tr>
</tbody>
</table>

### Canadian MD Schools: Year 1 Tuition Comparison for fall 2011-2012

<table>
<thead>
<tr>
<th>School</th>
<th>Tuition Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memorial</td>
<td>$6,250</td>
</tr>
<tr>
<td>Dalhousie</td>
<td>$15,200</td>
</tr>
<tr>
<td>Laval</td>
<td>$3,396 ($9,178)*</td>
</tr>
<tr>
<td>Sherbrooke</td>
<td>$3,324 ($8,982)*</td>
</tr>
<tr>
<td>Montreal</td>
<td>$3,252 ($8,787)*</td>
</tr>
<tr>
<td>McGill</td>
<td>$5,058 ($13,669)*</td>
</tr>
<tr>
<td>Manitoba</td>
<td>$7,575</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>$13,649</td>
</tr>
<tr>
<td>Alberta</td>
<td>$11,754</td>
</tr>
<tr>
<td>Calgary</td>
<td>$14,651</td>
</tr>
<tr>
<td>University of British Columbia</td>
<td>$15,766</td>
</tr>
</tbody>
</table>

*Numbers in brackets denote tuition for out-of-province residents
Doctor of Medicine (MD) Program

Medical Council of Canada Qualifying Examination Results

- All candidates must take the Medical Council of Canada Qualifying Examination (MCCQE) upon completion of the MD program.

- The pass rate for students from Schulich Medicine was 100 per cent, and above the Canadian pass rate.

- Our students’ overall mean score was above the overall mean score of all Canadian medical schools.

- Schulich Medicine students scored above the Canadian mean in the following categories:
  - Consideration of legal, ethical and organizational aspects of the practice of medicine,
  - Paediatrics, obstetrics & gynaecology,
  - Population health,
  - Ethical, legal and organizational aspects of the practice of medicine,
  - Surgery
  - Family medicine.

- With the exception of 2004 and 2006, Schulich Medicine students have exceeded or matched the Canadian mean for total examination scores over the past nine years.

Medical Council of Canada Qualifying Examination Results:
Mean Scores 2002-2011

![Mean Scores 2002-2011](image)
Doctor of Dental Surgery (DDS) Program

2010 – 11 Highlights

- Launched the third year of multidisciplinary themed curriculum, with the largest impact in the clinical operations
- Student Clinical Mentoring moved from pilot to full implementation in clinics to assist students with case load and overall patient management
- Curriculum revision and planning continues for Year 4
- New faculty:
  - Dr. Les Kalman – Multidisciplinary Clinical Dentistry
  - Dr. Graham Cobb – Oral Maxillofacial Surgeon

Application Information

- Number of applicants for entry 2011: 595
- Number of spaces available: 56

Schulich Dentistry Applications: 2002-2011 Table and Chart

<table>
<thead>
<tr>
<th>Year</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
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<th>2008</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Applicants</td>
<td>352</td>
<td>383</td>
<td>416</td>
<td>486</td>
<td>591</td>
<td>671</td>
<td>621</td>
<td>583</td>
<td>618</td>
<td>595</td>
</tr>
</tbody>
</table>
Doctor of Dental Surgery (DDS) Program
Class of 2015 Profile

The information below profiles students who entered Year 1 in September 2011 with an expected graduation year of 2015.

Demographics of all applicants

- 252 applicants invited for interviews
- 56 applicants accepted to the program
- 33 male applicants accepted, 59% of the class total
- 23 female applicants accepted, 41% of the class total
- Average age is 23 years
- Average GPA is 89.15%
- Of the 56 applicants accepted:
  - 51 or 91% are from Ontario
  - 4 are from Alberta
  - 1 is from Nova Scotia
  - 5 are international students

Demographics of Applicant Degrees

- 41 applicants have full degrees, 73% of the class total
- 7 applicants have a Master of Science (MSc)
- 40 applicants have undergraduate degrees in the following programs:
  - 27 have an Honors Bachelor of Science (BSc)
  - 3 have an Honors Bachelor of Health Sciences (BHSc)
  - 6 have an Honors Bachelor of Medical Sciences (BMSc)
  - 2 have an Honors Business Administration (HBA)
  - 2 have a 4-year Bachelor of Science (BSc)

Schulich Dentistry Enrolment 2007-2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-08</td>
<td>54</td>
<td>56</td>
<td>55</td>
<td>54</td>
<td>219</td>
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<tr>
<td>2008-09</td>
<td>53</td>
<td>56</td>
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<td>56</td>
<td>221</td>
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<tr>
<td>2009-10</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>222</td>
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<td>2010-11</td>
<td>55</td>
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<tr>
<td>2011-12</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>55</td>
<td>223</td>
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</tbody>
</table>
Doctor of Dental Surgery (DDS) Program

Schulich Dentistry: Year 1 Tuition History

Canadian DDS Schools: Year 1 Tuition Comparison for fall 2011–2012

<table>
<thead>
<tr>
<th>School</th>
<th>Tuition and Fees for Year 1 (includes equipment and clinic fees)</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Columbia</td>
<td>$53,509</td>
</tr>
<tr>
<td>Schulich</td>
<td>$39,105</td>
</tr>
<tr>
<td>Alberta</td>
<td>$38,979</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>$42,669</td>
</tr>
<tr>
<td>Toronto</td>
<td>$35,002</td>
</tr>
<tr>
<td>Manitoba</td>
<td>$18,412</td>
</tr>
<tr>
<td>Dalhousie</td>
<td>$32,015</td>
</tr>
<tr>
<td>Montreal</td>
<td>$15,624</td>
</tr>
<tr>
<td>Laval</td>
<td>$9,930</td>
</tr>
<tr>
<td>McGill</td>
<td>$24,924 ($35,565)*</td>
</tr>
</tbody>
</table>

*Numbers in brackets denote tuition for out-of-province residents

Schulich Dentistry Tuition History 2007-2011

<table>
<thead>
<tr>
<th>Year</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-08</td>
<td>$31,227</td>
<td>$30,789</td>
<td>$23,842</td>
<td>$20,487</td>
</tr>
<tr>
<td>2008-09</td>
<td>$32,913</td>
<td>$32,415</td>
<td>$25,412</td>
<td>$21,317</td>
</tr>
<tr>
<td>2009-10</td>
<td>$35,076</td>
<td>$34,200</td>
<td>$27,135</td>
<td>$22,981</td>
</tr>
<tr>
<td>2010-11</td>
<td>$36,993</td>
<td>$36,738</td>
<td>$28,917</td>
<td>$24,599</td>
</tr>
<tr>
<td>2011-12</td>
<td>$39,105</td>
<td>$38,774</td>
<td>$29,806</td>
<td>$26,494</td>
</tr>
</tbody>
</table>

- Tuition costs have increased steadily over the past number of years, most recently at a rate of 8%, the maximum rate set by Western for professional schools
- Total first-year costs also vary over time due to changing yearly fees for dental kits
Internationally Trained Dentist Program 2010 – 11 Highlights

Overview

- The Internationally Trained Dentists Program (ITD) leads to a Doctor of Dental Surgery degree (DDS). Upon successful completion of the two-year program, and the National Dental Examination Board examinations, candidates will be eligible for licensure/registration as a dentist in all Canadian provinces. During the two-year program, trainees earn the same degree as undergraduate DDS students.

2011/12 Program Information

- In 2010, the ITD program saw a 50% increase in applicants due to changes in procedures for obtaining licenses at a national level. To support this change, the ITD program increased enrolment to 21 students as of June, 2011.

ITD Program Enrolment 2007-2012

<table>
<thead>
<tr>
<th>Year</th>
<th>2007-08</th>
<th>2008-09</th>
<th>2009-10</th>
<th>2010-11</th>
<th>2011-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITD 1</td>
<td>13</td>
<td>15</td>
<td>15</td>
<td>15</td>
<td>21</td>
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<tr>
<td>ITD 2</td>
<td>15</td>
<td>13</td>
<td>14</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td>28</td>
<td>28</td>
<td>29</td>
<td>28</td>
<td>36</td>
</tr>
</tbody>
</table>

ITD Tuition and Fees 2011/12

<table>
<thead>
<tr>
<th>Program Year</th>
<th>Tuition</th>
<th>Fees</th>
<th>Dental Kit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>$41,101</td>
<td>$1144</td>
<td>$19,000</td>
<td>$61,245</td>
</tr>
<tr>
<td>Year 2</td>
<td>$14,101</td>
<td>$1144</td>
<td>-</td>
<td>$42,245</td>
</tr>
</tbody>
</table>
Bachelor of Medical Sciences (BMSc) Program

Program Overview

- A four-year joint undergraduate program with the Faculty of Science.
- Established in 2001 to provide training in the basic medical sciences.
- In Years 1 & 2, students enrol in the Faculty of Science and in Years 3 & 4 in the Schulich School of Medicine & Dentistry.
- The program offers a broad range of courses across all basic medical science departments, allowing for either an in-depth study of a specific discipline or a multidisciplinary approach.
- Enrolment in the BMSc Program is limited and competitive. Approximately 300 Year 4 students complete an honors research project or an advanced laboratory/lecture course.
- Enrolment capping began in 2006-07 to ensure high quality education and availability of research projects, supervisors and spaces in advanced labs.

BMSc Enrolment, 2002-03 to 2011-12

<table>
<thead>
<tr>
<th>Year</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002-2003</td>
<td>85</td>
<td>143</td>
<td>228</td>
</tr>
<tr>
<td>2003-2004</td>
<td>158</td>
<td>161</td>
<td>319</td>
</tr>
<tr>
<td>2004-2005</td>
<td>324</td>
<td>215</td>
<td>539</td>
</tr>
<tr>
<td>2005-2006</td>
<td>585</td>
<td>294</td>
<td>879</td>
</tr>
<tr>
<td>2006-2007</td>
<td>490</td>
<td>530</td>
<td>1020</td>
</tr>
<tr>
<td>2007-2008</td>
<td>320</td>
<td>471</td>
<td>791</td>
</tr>
<tr>
<td>2008-2009</td>
<td>287</td>
<td>359</td>
<td>646</td>
</tr>
<tr>
<td>2009-2010</td>
<td>351</td>
<td>301</td>
<td>652</td>
</tr>
<tr>
<td>2010-2011</td>
<td>343</td>
<td>327</td>
<td>670</td>
</tr>
<tr>
<td>2011-2012</td>
<td>369</td>
<td>341</td>
<td>710</td>
</tr>
</tbody>
</table>

BMSc Program Entering Average from High School

- Attracting high-quality candidates, the BMSc Program has the second-highest admission average at Western.
- Entering average for students applying to Year 1 Science: 86.5%
- Entering average for students applying to Year 1 Biological and Medical Science First Entry: 89.3%
Bachelor of Medical Sciences (BMSc) Program
2010 – 11 Highlights

- For the second straight year, a record number of high school students accepted offers of admission to Year 1 Biological and Medical Science First Entry. As a result of the increased demand for the BMSc Program, enrolment in Year 2 will increase to 480 students as of September 2012.

- The BMSc 2020 “White Paper” was drafted, with recommendations for the future growth and direction of the BMSc Program over the next decade.

- New undergraduate modules in Chemical Biology, Neuroscience, Computational Biochemistry and Medical Biophysics (Clinical Physics concentration) were approved.

- New undergraduate modules in Epidemiology and Biostatistics, and Medical Health Informatics are under development.

- E-learning opportunities for students have expanded to include an online section of Anatomy and Cell Biology 4451F/G – Integrative Neuroscience, using WIMBA technology (live and interactive).

Career Survey: Class of 2011

- The annual career survey was done to assess where BMSc graduates were planning to be working or studying as of September 2011

- 231 (78%) of 298 graduates responded to the survey; responses are illustrated below

*Note: Other Professional Programs includes: Nursing, Law, Applied Health, Pharmacy, Physiotherapy, Education, and HBA. Other includes: working, travel, volunteer, etc.*
Postgraduate Medical Education (PGME) 2010 – 11 Highlights

- Management of PGME expansion to both Canadian medical graduates and international medical graduates (121% increase in PGY1 positions [2001=80 PGY1 positions; 2011=177 PGY1 positions]; 80% increase in total resident/fellows trainees [2001=448 trainees; 2011=807 trainees]).

- Successful in filling all designated PGY1 positions.

- Continued to invest in increased support for residents and fellows.

- Continued to increase resident rotation blocks in SWOMEN and Windsor.

- Planning underway for new subspecialty residency programs in London, Windsor and SWOMEN.

- Planning and preparation for Fall 2012 on-site accreditation survey. All postgraduate residency training programs have undergone a robust internal review process as per accreditation standards of the RCPSC and the CFPC. All programs in process of completing required pre-survey questionnaires.


- Collaborated with London hospital Medical Affairs to streamline joint projects (orientation, registration, credentialing processes, Clinical Education Budget).

- Revised processes and forms to streamline PGE activities, accountabilities and reporting requirements.

- Postgraduate Dean presented educational research at CCME (Canadian Conference on Medical Education) and AMEE (Association for Medical Education in Europe), and published in *Medical Education*.

### Postgraduate Enrolment 2002-2011

![Bar Chart]

**Note:** Trainee numbers taken from national census performed annually on November 1 by the Canadian Post-MD Education Registry (CAPER)

* International Medical Graduate positions were added to Year 1 CaRMS entry positions

**Enrolment for 2012 is TBA. There are 177 entry positions.
Postgraduate Medical Education

RCPSC Year 1 Programs

- Anatomical Pathology
- Anesthesiology
- Cardiac Surgery
- Diagnostic Radiology
- Emergency Medicine
- General Pathology
- General Surgery
- Internal Medicine
- Medical Microbiology
- Neurology
- Neuropathology
- Neurosurgery
- Nuclear Medicine
- Obstetrics & Gynaecology
- Ophthalmology
- Orthopedic Surgery
- Otolaryngology – Head & Neck Surgery
- Paediatrics
- Physical Medicine & Rehabilitation
- Plastic Surgery
- Psychiatry
- Radiation Oncology
- Urology
- Vascular Surgery

CFPC Programs

Year 1 Programs
- Family Medicine London
- Family Medicine Rural/Regional
  (Windsor, Chatham-Kent, Goderich, Hanover, Petrolia, Stratford-Tavistock)

Year 3 Programs
- Family Medicine/Anesthesiology
- Family Medicine/Care of the Elderly
- Family Medicine/Emergency Medicine
- Family Medicine/Enhanced Skills

RCPSC Subspecialty Programs

- Cardiology
- Clinical Immunology & Allergy
- Clinical Pharmacology - Adult
- Clinical Pharmacology - Paediatric
- Clinician Investigator Program
- Critical Care Medicine - Adult
- Critical Care Medicine - Paediatric
- Endocrinology & Metabolism
- Gastroenterology
- Geriatric Medicine
- Gynaecologic Reproductive Endocrinology & Infertility
- Gynaecologic Oncology
- Hematology
- Maternal-Fetal Medicine
- Medical Oncology
- Neonatal-Perinatal Medicine
- Nephrology
- Neuroradiology
- Paediatric Emergency
- Psychiatry - Child & Adolescent
- Respirology
- Rheumatology
- Thoracic Surgery

NOTES:

- Oral & Maxillofacial Surgery Program with Schulich Dentistry
- All programs accredited, majority with full approval
Southwestern Ontario Medical Education Network (SWOMEN)
2010 – 11 Highlights

- Developed an Education Analyst position in collaboration with the Evaluation Unit to support program-based research within SWOMEN.
- Promoted the SWOMEN region and training opportunities to medical learners across the province during the PAIRO Health Professional Recruitment Tour.
- Hosted a paediatric retreat, bringing preceptors from across the region together with faculty from the department in London, for a day of information sharing and knowledge exchange.
- Hosted the third annual academic planning meeting which brought together Rural Regional and Windsor Academic Directors with London-based Program Directors for the purpose of collaborating on the development of a regional clerkship program in the SWOMEN region.
- Held two successful Discovery Week workshops in the region to recognize our community partnerships and to engage additional health-care providers through participation during the week.
- Hosted three “Meet the Dean” engagement sessions for physician and community stakeholders in the region with the purpose of sharing the Dean’s vision for Schulich Medicine & Dentistry.
- Re-designed the SWOMEN website to become consistent with other educational programs at Schulich Medicine & Dentistry.
- Supported students, preceptors and Academic Directors to attend and present research at the 2011 “Society of Rural Physicians of Canada” conference.
- Promoted regional training opportunities to all postgraduate programs at Schulich Medicine & Dentistry in collaboration with the London clinical departments and Rural Regional Academic Directors.
- Recruited several new Rural and Regional physicians to become involved with teaching through SWOMEN.
- Developed a Marketing and Communications Coordinator role in the SWOMEN office in order to increase program visibility to both learners and Southwestern Ontario communities.
- Hosted the annual Joint Teaching Retreat in collaboration with the Department of Family Medicine, bringing together over 100 faculty from across the region.
- Supported and participated in three physician appreciation events in Stratford, Sarnia and Chatham, recognizing physicians for their commitment to teaching.
- Sponsored and attended the Canadian Association of Staff Physician Recruiters (CASPR) annual conference.
Southwestern Ontario Medical Education Network (SWOMEN)
Key Program Outcomes

<table>
<thead>
<tr>
<th>Southwestern Ontario Medical Education Network</th>
<th>May 2009 - April 2010</th>
<th>May 2010 - April 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Undergraduate Clerkship Trainees</td>
<td>112</td>
<td>127</td>
</tr>
<tr>
<td>Number of Undergraduate Clerkship Training Months</td>
<td>341.5</td>
<td>368.25</td>
</tr>
<tr>
<td>Number of Postgraduate Residents</td>
<td>198</td>
<td>227</td>
</tr>
<tr>
<td>Number of Postgraduate Resident Training Months</td>
<td>357.25</td>
<td>401.25</td>
</tr>
<tr>
<td>Number of Postgraduate Year 3 Enhanced Placements</td>
<td>46</td>
<td>25</td>
</tr>
<tr>
<td>Number of Pre-clerkship (UME 1 &amp; 2 Windsor) Trainees</td>
<td>18</td>
<td>23</td>
</tr>
<tr>
<td>Number of Pre-clerkship (UME 1 &amp; 2 Windsor) Training Months</td>
<td>20.5</td>
<td>23.5</td>
</tr>
<tr>
<td>Number of Rural Week/Discovery Week Trainees</td>
<td>147</td>
<td>124</td>
</tr>
<tr>
<td>Number of Rural Week/Discovery Week Training Months</td>
<td>37</td>
<td>31</td>
</tr>
<tr>
<td>Number of Clinical and Research Project Trainees</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>Number of Clinical and Research Project Training Months</td>
<td>18</td>
<td>36</td>
</tr>
<tr>
<td>Number of Pre-clerkship Summer Electives Trainees</td>
<td>13</td>
<td>11</td>
</tr>
<tr>
<td>Number of Pre-clerkship Summer Electives Training Months</td>
<td>13</td>
<td>11</td>
</tr>
<tr>
<td>Number of 4th Year Rural/Regional Electives Trainees</td>
<td>37</td>
<td>17</td>
</tr>
<tr>
<td>Number of 4th Year Rural/Regional Electives Training Months</td>
<td>37</td>
<td>21.75</td>
</tr>
</tbody>
</table>
Graduate Studies
2010 – 11 Highlights

- MSc and PhD enrolment levelled off, however enrolment is still up by 65% from 2000-01. 2011-12 totals: 304 MSc and 211 PhD students.

- Eight of our top graduate students presented their research at the Canadian Institutes of Health Research sponsored Canadian Health Research Forum in Winnipeg in June 2011. Two of our students returned with silver awards from this national competition.

- 15 faculty and graduate student reps visited 11 recruitment fairs across Ontario, reaching more than 1,200 prospective students.


- February 1, 2011 first date of consideration with all programs reporting increase in early applicants for September 1, 2012 start date.

- Margaret Moffat Research Day expands in 2011 to a full day with two separate poster sessions and panel discussions with leaders in industry and key personnel in health care (600+ participated). More than 220 graduate research posters were presented with awards provided in 15 different categories.

- Comprehensive Schulich Medicine & Dentistry Graduate Studies website continues to attract an average of 200+ unique individuals per week. Individual graduate program websites developed for all programs to provide consistent format and information across all sites.

- Seven Schulich Medicine & Dentistry graduate programs were successfully reviewed through Western University’s new internal SUPRA-G IQAP graduate program review process.

- Recruited Michael Poulter as new Neuroscience Graduate Program Director.

- Total external graduate scholarships increased from 168 (09/10) to 260 (11/12). 50.4% of graduate students receive external support.

- Held the first Graduate Student Orientation and Welcome for all incoming first-year Schulich Medicine & Dentistry Graduate Students in September 2010.

- New four-year strategic budget plan proposal submitted for Graduate and Postdoctoral Affairs funding.

- Graduate Affairs working on consolidating stipends for all Schulich Medicine & Dentistry Graduate Programs.

- Ongoing development of new professional master’s programs including: Master of Public Health, Master of Health Technology Assessment, Pathologists Assistance and CAMPEP Medical Physicist programs.

- 2011 saw a new master’s program in Surgery and the development of accelerated MSc options.

- Development of city-wide research day combining Lawson Health Research Day and Margaret Moffat Research Day into the London Health Research Day in March 2012 (700+ anticipated).
## Graduate Studies

### Graduate Studies Enrolment, 2000 - 2012 Chart and Table

<table>
<thead>
<tr>
<th>Year</th>
<th>00-01</th>
<th>01-02</th>
<th>02-03</th>
<th>03-04</th>
<th>04-05</th>
<th>05-06</th>
<th>06-07</th>
<th>07-08</th>
<th>08-09</th>
<th>09-10</th>
<th>10-11</th>
<th>11-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSc</td>
<td>178</td>
<td>183</td>
<td>195</td>
<td>188</td>
<td>237</td>
<td>264</td>
<td>259</td>
<td>302</td>
<td>315</td>
<td>322</td>
<td>316</td>
<td>304</td>
</tr>
<tr>
<td>PhD</td>
<td>135</td>
<td>144</td>
<td>151</td>
<td>150</td>
<td>158</td>
<td>164</td>
<td>175</td>
<td>168</td>
<td>180</td>
<td>217</td>
<td>211</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>313</td>
<td>327</td>
<td>346</td>
<td>338</td>
<td>395</td>
<td>417</td>
<td>423</td>
<td>477</td>
<td>483</td>
<td>502</td>
<td>533</td>
<td>515</td>
</tr>
</tbody>
</table>

### Notes:
- Prior to 2004, information gathered from Western’s databook, published online and does not include Family Medicine or Orthodontics. The overall increase from the baseline year of 2000 is 65 per cent.
- 2004-2012 information comes from Western’s School of Graduate and Postdoctoral Studies (SGPS) data and includes Family Medicine and Orthodontics.
- All numbers include international students.
Clinical Graduate Programs

Family Medicine 2010 – 11 Highlights

• In the fall, we welcomed a cohort of eight Master of Clinical Science students, the largest international cohort to enter the program. We also welcomed one PhD student.

• Our first PhD student, Dr. Gerald Koh is preparing for a spring 2012 thesis defence

• New Courses Developed and Launched:
  – PhD - Advanced Qualitative Research – Using examples of seminal studies in family medicine on clinical and health services topics qualitative advanced design approaches (i.e. phenomenology, grounded theory, ethnography) and advanced qualitative analysis (use of computer software, interpretation–iterative approaches to analysis) will be examined. This course will also explore participatory action research and the use of mixed-methods designs in family medicine/primary health-care research.

  – Doctoral Seminar – The Doctoral Seminar will offer students an opportunity to discuss their thesis research, the integration of their course work with their thesis, and various additional topics related to grantsmanship and scholarship in academe. Early in the seminar students will be able to present their research ideas and questions to elicit discussion with faculty and peers. This will promote an active intellectual dialogue amongst students and faculty.

• Awards
  – Martin J. Bass/PSI Memorial Award In Family Medicine 2011: Drs. Tania Rubaiyyat, John Tamale, Jamie Wickett

  – Georges Lachapelle Scholarship 2011: Dr. Sharon Hatcher

Graduate Program in Orthodontics

• The Orthodontics Program at Schulich Dentistry provides academic background in clinical experience appropriate to the specialty of orthodontics

• Graduates finish the program with a Master of Clinical Dentistry (MCID)

• The fully accredited program is 36 months long and includes advanced training in the basic sciences pertinent to orthodontics including:
  – The supervised diagnosis and treatment of selected complex orthodontic cases
  – The preparation of a research paper suitable for publication
  – Other related academic activities

• Admission to the Graduate Orthodontic Program is competitive with only three candidates accepted each year

• The program currently has nine students

• At present, the Graduate Orthodontic Clinic has a waiting list of approximately 24-36 months
### CIHR Strategic Training Programs

The Schulich School of Medicine & Dentistry leads four Canadian Institutes for Health Research (CIHR) Strategic Training Programs. The purpose of these grants is to build capacity within Canada’s health research community through the training and development of researchers, and to foster the development and ongoing support of careers in health research. Each program consists of a group of accomplished mentors/educators working collaboratively to offer a research training program.

<table>
<thead>
<tr>
<th>Program</th>
<th>Details</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CIHR Joint Motion Training Program in Musculoskeletal Health</strong></td>
<td>Trainees have the unique opportunity to participate in cutting-edge transdisciplinary research and knowledge translation, while gaining the leadership skills and experience essential for scientific progress in the 21st century. JuMP trains leaders who can meet the upcoming challenges in musculoskeletal health research and who will significantly improve the health, mobility and quality of life of Canadians. For more information: <a href="http://jointmotion.ca">http://jointmotion.ca</a></td>
<td></td>
</tr>
<tr>
<td><strong>CIHR Strategic Training Program in Vascular Research (STPVR)</strong></td>
<td>The aim of this program is to develop research scientists with the expertise necessary to build future transdisciplinary teams focused on the understanding, treatment and prevention of vascular disease. There are currently 27 students from a wide variety of faculties across Western University enrolled in the program. There is also one student from Waterloo University enrolled. For more information: <a href="http://www.robarts.ca/CIHR_VTP">http://www.robarts.ca/CIHR_VTP</a></td>
<td></td>
</tr>
<tr>
<td><strong>CIHR Training Grant in Interdisciplinary Primary Health Care Research</strong></td>
<td>The Transdisciplinary Understanding and Training on Research – Primary Health Care (TUTOR-PHC) is a national program in research training in primary health care to meet the immediate need for research capacity in this field. This is a one-year, national interdisciplinary research training program funded by CIHR and the Canadian Health Services Research Foundation with representation from the disciplines of Family Medicine, Nursing, Psychology, Social Work, Epidemiology, Pharmacy, Sociology and Education. There are currently 22 co-investigators/mentors from multiple universities and disciplines across Canada. The TUTOR-PHC program accepts 12 Canadian trainees and two international trainees from multiple disciplines each year. The program’s application process is very competitive with approximately 50 applications for the 12 Canadian positions each year. Most of our trainees are PhD students, postdoctoral fellows, or mid-career physicians with PHC research experience. Currently more than half of our trainees are also licensed health professionals. For more information: <a href="http://www.uwo.ca/fammed/csfm/tutor-phc">http://www.uwo.ca/fammed/csfm/tutor-phc</a></td>
<td></td>
</tr>
<tr>
<td><strong>CIHR Training Grant in Cancer Research and Technology Transfer (CaRTT)</strong></td>
<td>CaRTT brings trainees and mentors together to understand and emulate cancer research successes from Canada and around the world, present their own research findings, and critically consider how to enhance cancer research that promotes discovery and application of discovery to improve the lives of cancer patients. Prior to September 2011, there were 78 graduates of the program. There are currently 36 trainees enrolled. For more information: <a href="http://www.uwo.ca/oncology/CIHR/STP/index.htm">http://www.uwo.ca/oncology/CIHR/STP/index.htm</a></td>
<td></td>
</tr>
</tbody>
</table>
Combined Degree Programs

**MD/PhD**
- A seven-year program in which students complete both their MD and PhD degrees.
- Total of 20 students enrolled in the sought-after program, with many more applicants for each available space.
- In 2011-2012 a monthly MD/PhD seminar series continued with guest speakers and student presenters.
- Held a mid-winter dinner and social night at the Waltzing Weasel, January 2012.
- Hosted a Summer Research Day in June 2011 at Windermere Manor where students presented their research. Dr. Mellissa Mann was the keynote speaker, who gave a talk on Epigenetics.
- In 2011, Mike Berger, Caroline Albion, Matt Cecchini and Brenna Market-Velker defended their PhDs successfully.
- Last summer, our two graduates began residency here at Western, Dr. Tom Appleton in Internal Medicine and Dr. Derek Cool in Radiology.
- The program will be interviewing eight applicants from a total of 30 to fill three positions for fall 2012.
- Program students have begun a “Clinician-Investigator interest group.” This club offers a chance to meet medical students in Years 1 and 2, who are also interested in research, to keep in touch with upper and lower year MD/PhD students and learn/remember clinical skills.

**MD/BESc**
- Seven-year program in which students earn both a Bachelor of Engineering Sciences and MD degree.
- Joint program between Schulich Medicine & Dentistry and Western Engineering.
- Six students are currently enrolled in the program, bringing the total to 11 graduates since 2006.

**BMSc/HBA**
- Five-year program offered jointly by the Faculty of Science, Schulich School of Medicine & Dentistry and the Richard Ivey School of Business.
- Students graduate with two honor’s degrees (BMSc and HBA).
- Eight students graduated in 2010/11. There are three students registered in the 2011/12 program year.
Combined Degree Programs

Health Sector MBA
- The Richard Ivey School of Business MBA program provides a Health Sector stream with the International Centre for Health Innovation.
- Students come from a range of public and private health care careers and educational backgrounds. All students have a passion and desire to work in the health sector.
- Current enrolment sits at 21 students for 2011/12. Enrolment for 2010/11 was 12 students.

Dental Clinician Scientist Program
- For students planning a career that combines research with clinical dentistry.
- As of 2010 students must complete a PhD prior to coming into this program.
- There are currently nine students enrolled. Three each in the Class of 2013, 2012 and 2011.

MD/MSc in Oral and Maxillofacial Surgery Program
- Six-year specialty postgraduate dental program started in 2007.
- Focuses on extensive clinical training in surgical correction of dentofacial deformities, maxillofacial trauma, pathology, reconstructive, dentoalveolar and implant surgery, and ambulatory anaesthesia.
- One candidate enrols annually in the program (five currently enrolled).
Other Programs

Accessibility for Students of Indigenous Origin

- Schulich Medicine earmarks three positions in each entering MD class for First Nations, Métis and Inuit students; Schulich Dentistry earmarks one position in each entering DDS class. In the fall of 2011 a total of six students of self-identified indigenous origin are enrolled in Medicine and three are enrolled in Dentistry.

General Practice Residency

- Four students are accepted annually to the one-year program.

Neuroscience Interdisciplinary Development Initiative (IDI)

- The Neuroscience Initiative began in September 2007 with a grant form the Provost’s Interdisciplinary Development Initiatives (IDI) Program.

- The IDI co-ordinates graduate and undergraduate teaching in participating faculties, departments and institutes, facilitating research collaboration and communication among Western neuroscientists, and promoting exchange and interaction between Western and the international neuroscience community.

- The Neuroscience IDI officially came to the end of the 3-year term in June, 2010. Some activities, however, continued into 2011 and are detailed below. The final and concluding year of the Neuroscience IDI saw the culmination of all proposed IDI projects, save one, and further progress toward completion of that remaining initiative.

  - The 2nd Western Neuroscience Summer School May 8 - 15, 2011 - This year the summer school had the theme Translational Neuroscience. It was attended by 20 undergraduate students from Western and other Ontario universities. Over 20 Schulich Medicine, Social Science, and Robarts neuroscience faculty participated as lecturers and lab group leaders. Co-organizers of the summer school were Arthur Brown and David Sherry. We received very positive feedback from undergraduates and participating faculty on this, the 2nd Neuroscience summer school we have held. Our follow-up contacts with summer school students show that nearly all are continuing on to professional or graduate training in neuroscience or medicine.

  - Undergraduate Honors Specialization in BSc. Neuroscience - The proposal for an undergraduate Honors Specialization BSc in Neuroscience was approved by SCAPA and the University Senate in December 2011. It is anticipated that this new module will be available for undergraduates registering in September 2012. Initial enrolment will be limited to 35 students, though the introductory second year neuroscience course will have a larger enrolment limit of 75. We anticipate heavy demand for this program.
Office of Interprofessional Health Education and Research (IPHER)

The Office of Interprofessional Health Education and Research was created in 2001 as a joint project with the Faculty of Health Sciences to move interprofessional education (IPE) and collaborative practice into the mainstream teaching and practice of health programs. The primary focus of IPHER over the past academic year has been assisting faculty to embed IPE into their teaching, and the continued support of medical, dental and medical science students in their development of interprofessional collaboration understanding. Funding from the Ministry of Health and Long-Term Care and the Ministry of Training, Colleges and Universities ended March, 2011. The Dean of Schulich Medicine & Dentistry provided a $20,000 contribution to continue to support IPE implementation through the IPHER office.

2010 – 11 Highlights

- **Teaching**
  - Provided session on IPE/IPC to Clerkship students during their orientation with Dr. Kevin Fung.
  - Finalized PCCA module of Respiratory with inclusion of IPE content for 1st year medical students with Dr. Kevin Fung.
  - Met with physician leads for Years 3 and 4 to discuss IPE/IPC resources available to support development of CanMEDs competencies (communicator/collaborator) and offer IPHER assistance in moving interprofessional learning within their respective years.
  - Participated in a retreat to explore development of Master of Public Health program. Agreed to participate on curriculum committee for program.
  - Worked with Brad Jennings and Dr. Shannon Arntfield in adapting the IPE Communication Part 1 and Part 2 online courses into the 4th year undergraduate medical school curriculum.

- **Continuing Professional Education**
  - Implemented the last module of the Certificate Program Assessing IPE in Action that contained three modules: Module 1 – The Competency Fit; Module 2 – Seeing IPE in Action; and Module 3 – Measuring Sticks for IPE. This series was delivered to both Schulich Medicine & Dentistry and Faculty of Health Sciences faculty in partnership with Dr. Wayne Weston.
  - IPE Clinical Teaching Workshop provided to 38 clinical teaching faculty. This is a six-hour workshop to assist teachers to seek out IPE learning opportunities in practice settings for their students.
  - IPE Faculty Teaching Certificate Program was again offered to 12 faculty members. No medical or dental school faculty participated in this offering.
  - SWOMEN Retreat: Provided two sessions on creating an Inteprofessional Care Culture for medical faculty.

- **Online IPE Courses**
  - Over the 2010-2011 academic year six online courses were offered and we open to all medical, dental, and BMSc students.
Office of Interprofessional Health Education and Research (IPHER) 2010 – 11 Highlights Continued

**IP Student Placements**
- No medical/dental or BMSc students requested our IP student placements in this year.

**London Interprofessional Healthcare Students Association (LIHSA)**
- The IPHER Co-ordinator serves as faculty advisor to LIHSA executive. Medical student, Jason Chan, was elected as Vice Chair of the LIHSA Executive.
- The London Interprofessional Students Association sponsored two IP student teams for the Ontario Team Challenge. One team was selected to represent Western at the NaHSSA Conference in March 2011, in Toronto.
- IPHER staff with LIHSA members provided a workshop entitled, “Why Do We have So Many Different Health Providers?” during the Canadian Medical Hall of Fame’s Discovery Days event at Western.
- Guided a group of LIHSA members, including two from the MSc program, in finalizing a paper for publication in the *Journal of Interprofessional Care* on one of the LIHSA workshops.

**Bachelor of Medical Science Students**
Provided guided Research Assistant experience for three BMSc volunteer students (Rongbo Zhu, Eric Sonke, and Samantha Hershenfeld) in translating data into publishable reports. These experiences provided them with opportunities to learn about applied research in field settings.

**Consultation with Medical Students**
- Provided guidance and financial support to the 4th year medical student team, who developed the IPE/IPCP game “Circles of Care,” to provide a workshop on the game at the IPE Ontario 2011 Conference. Further worked with them to begin exploration for production and sale of the game. A paper written by the group of medical students was recently published in the *Journal of Interprofessional Care*.
- Provided two IPC workshops (workshop 1 – Orientation, workshop 2 – Team Development) to six groups of students as part of one PhD student’s dissertation intervention. This experience resulted in a group of medical students organizing the Schulich Medicine & Dentistry IP Committee.
Centre for Education Research and Innovation (CERI)
2010 – 11 Highlights

Overview

- Since its opening in 2009, CERI has been making impressive progress as:
  - A thriving education research community at Schulich Medicine & Dentistry
  - An interdisciplinary axis for education research at Western
  - A respected education research training site in Canada
  - An internationally recognized producer of new knowledge

Programs and Activities

- CERI Education Research Fellowship
  - Two-year program for clinical educators advancing a research career
  - Provides mentorship, collaboration, and protected time for faculty to develop a research program
  - Department Chairs commit to ongoing support for faculty to take up clinician-educator-researcher role

- CERI HPE Fellowship
  - One-year opportunity for Western faculty from outside Schulich Medicine & Dentistry
  - Provides protected time for faculty to advance their education research program; intended to foster interfaculty collaboration
  - Two fellowships awarded in 2011

- Annual Research Symposium
  - Peer-reviewed research conference for health professions education research
  - 2011 Annual Weston Lecture by Dr. Kevin Eva, Centre for Health Education Scholarship (CHES); UBC
  - 31 presentations by faculty, medical trainees, & graduate students
  - 65 attendees (largest to-date)

- Colloquia
  - Tri-annual, interactive event to create opportunities for networking and new collaborations among faculty, residents, and graduate students from various Western faculties and Schulich Medicine & Dentistry departments
  - 2011 topics were “Innovative Knowledge Translation,” “Narrative Medicine” and “Hidden Curriculum in Health Professions Education”
Centre for Education Research and Innovation

As our reputation as a research training environment has grown, so too have our numbers of research fellows, collaborators and supervised trainees.

Supervision and Mentorship: Collaborative Research Projects

* Department of Medicine includes: GM, Critical Care and Emergency Divisions
* Department of Surgery includes: Cardiac, General Surgery, Neurosurgery and Orthopedic Divisions

Supervision and Mentorship: Research Supervision

2010

2011
Centre for Education Research and Innovation

In alignment with our goal of fostering high-calibre, programmatic research, we have made great strides in increasing our numbers of research projects, grants awarded, presentations given and publications. Our programmatic areas include team communications, expertise and reasoning, and simulation.

Scholarly Productivity Publications, Presentations & Grants

* Papers exclude clinical research & book chapters
Continuing Professional Development 2010 – 11 Highlights

- Approved 116 events for Mainpro-M1 credits and 144 events for Maincert Section 1 credits which engaged a total of 12,862 participants and comprised 52,387 participant-hours of education.

- Developed and conducted 11 full-day Continuing Medical Education (CME) programs in collaboration with Schulich Medicine & Dentistry departments.

- Completed the successful integration of Faculty Development and Continuing Medical Education, and hired one additional full-time administrative assistant.

- Completed and implemented a needs-assessment survey of faculty and staff which supported the review of current curriculum and the development of new courses to fill identified programming gaps.

- A $2 million funding proposal submitted to the Ontario Ministry of Citizenship and Immigration to develop a three-year training program for internationally trained medical doctors living in Southwestern Ontario.

- Completed a collaborative study with two regulatory colleges and five university Continuing Professional Development offices on the assessment of bias in CME which resulted in an original research publication in the Journal of Continuing Education for the Health Professions.

- An interim report outlining an action plan to address areas of partial compliance was accepted by the Committee on Accreditation of CME which included a plan for increased integration of activities with undergraduate and postgraduate education, and improved interaction at the department level.

- Offered workshops using a variety of delivery methods such as videoconferencing, WIMBA, and face-to-face workshops to support SWOMEN and the Windsor Program, including a fall teaching retreat.

- Delivered customized workshops at the School for the College of Physicians and Surgeons of Ontario.

Continuing Medical Education

- 116 courses approved for Mainpro M1 Credits
- 144 courses approved for Maincert Section 1 Credits
- 12,862 health care professionals participated in 52,387 participant-hours of education accredited by the Continuing Professional Development unit

Faculty & Staff Development

- 84 workshops offered, involving 1,189 participants
- 13 Mini Fellowships ($22,978) awarded
- 6 Instructional Innovation and Development Fund Awards ($29,912) awarded
- 2 Faculty Support for Research in Education Grants ($10,300)
- 2 awards in undergraduate education facilitated through Continuing Professional Development
- 3 awards in graduate/postgraduate education facilitated through Continuing Professional Development
Continuing Dental Education Program Highlights

- Offers a wide range of clinically relevant, basic science and business programs.
- Custom programming is a unique part of Continuing Dental Education, delivering hands-on programs to study groups, dental societies, or on an individual basis.

Continuing Dental Education Program Offerings 2002-2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Programs</th>
<th>Special Topics</th>
<th>Custom Programs</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002-03</td>
<td>30</td>
<td>13</td>
<td>10</td>
<td>662</td>
</tr>
<tr>
<td>2003-04</td>
<td>34</td>
<td>18</td>
<td>6</td>
<td>765</td>
</tr>
<tr>
<td>2004-05</td>
<td>41</td>
<td>24</td>
<td>5</td>
<td>715</td>
</tr>
<tr>
<td>2005-06</td>
<td>38</td>
<td>25</td>
<td>12</td>
<td>753</td>
</tr>
<tr>
<td>2006-07</td>
<td>35</td>
<td>29</td>
<td>11</td>
<td>785</td>
</tr>
<tr>
<td>2007-08</td>
<td>28</td>
<td>31</td>
<td>5</td>
<td>825</td>
</tr>
<tr>
<td>2008-09</td>
<td>26</td>
<td>31</td>
<td>8</td>
<td>789</td>
</tr>
<tr>
<td>2009-2010</td>
<td>20</td>
<td>33</td>
<td>8</td>
<td>665</td>
</tr>
<tr>
<td>2010-11</td>
<td>27</td>
<td>33</td>
<td>14</td>
<td>705</td>
</tr>
<tr>
<td>2011-12</td>
<td>30</td>
<td>35</td>
<td>10</td>
<td>695</td>
</tr>
</tbody>
</table>
Clinical Skills Learning Program
2010–11 Highlights

- Increased permanent staffing to match increased programming: four FTEs and one PT.
- Increased new simulated patient programming for non-Schulich Medicine & Dentistry users, including Western’s Nursing Department, Fanshawe College’s MRI and RPN courses, St Joseph’s Sexual Assault Centre, The College of Family Physicians of Canada’s Part I Exam, and a new series of Pharmacy Examining Board of Canada licensing exams.

Key Program Statistics

- **370** active simulated patients
- **101** people on a waiting list to become simulated patients
- **69** active volunteer patients
- More than **7,000** contact hours (including teaching and evaluation) with health-care students
- **28** new programs/projects undertaken in 2010-11
- **90** case increase in the case bank
- Nearly **100%** increase in clinic bookings for both programs, and independent learners

Support

- The Clinical Skills Learning Program is supported by:
  - 1,500 faculty members, 540 undergraduate medical students, more than 600 postgraduate residents and fellows, and 250 dental students
  - Numerous other health-care providers including pharmacy, social work, physiotherapy, and nursing
  - External organizations including Medical Council of Canada, Pharmacy Examining Board of Canada, and College of Physicians and Surgeons of Ontario
Educational Evaluation
2010 – 11 Highlights

Overview

- The Program Evaluation Office develops and facilitates the ongoing programmatic evaluation of Schulich Medicine & Dentistry educational programs including:
  - Assessing and evaluating Schulich Medicine Undergraduate Medical Education (UME) courses and rotations to generate evidence-based recommendations for improvement
  - Developing, designing and delivering evaluations to provide quality assurance and best practices with respect to SWOMEN programs (MedQUEST, Discovery Week)
  - Providing information that documents the School’s success in achieving the competencies and requirements of its educational programs

Program Highlights

- Two Evaluation Analysts joined the office:
  - Matthew Longstaffe coordinates UME evaluation and supports School-wide use of one45 (schedule, evaluation & curriculum management software)
  - Roger Porcellato co-ordinates distributed medical education evaluations, including a comprehensive review of SWOMEN educational offerings and has taken a lead role in the MedQUEST research study
  - Matt Wannan continues in his role as project lead, with specific attention on Postgraduate Medical Education (PME), data management and emerging projects

- Enhanced programmatic evaluation of the School’s distributed learning initiatives including the SWOMEN Community Co-ordinator Discovery Week Evaluation, the implementation of an annual review process for Discovery Week based on participant feedback, and review and analysis of data collected as part of the MedQUEST Impact Questionnaire.

- Completion of 2010-2011 cycle of the UME course and rotation evaluation process.

- Development and implementation of a global evaluation tool for PME PGY1 rotations based on CanMeds roles.

- Administration and management of Western instructor evaluations for Schulich Medicine & Dentistry UME and UDE programs.

- Development of one45 support and project portfolio, including: consolidation of one45 responsibilities to include enhanced support with a dedicated e-mail address, analyst and one45 “Super-User,” as well as a collaborative user’s group; one45 project initiatives including enhanced rotation management, expansion of use, and data capture capabilities.
Financial Accessibility
Financial Accessibility

The Schulich School of Medicine & Dentistry is committed to providing more financial assistance per student than any other medical or dental school in Canada. To ensure outstanding education is available for all, financial assistance for students in need takes top priority at the School. The Schulich Scholarships, funded through a generous endowment from the School’s benefactor, Seymour Schulich, and matched by government grants, provide major support to students in medical sciences, the MD program, the DDS program, and graduate studies.

Schulich Scholarships

<table>
<thead>
<tr>
<th>Program</th>
<th>Annual Recipients</th>
<th>Value Per Year, Per Student</th>
<th>Total Value Per Student for Length of Program</th>
<th>Total Annual Value of Scholarships</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>60</td>
<td>$20,000</td>
<td>$80,000</td>
<td>$1,200,000</td>
</tr>
<tr>
<td>Dentistry</td>
<td>15</td>
<td>$10,000</td>
<td>$40,000</td>
<td>$150,000</td>
</tr>
<tr>
<td>Graduate Studies - Basic Medical Sciences</td>
<td>50+</td>
<td>$15,000 ($5,000 Schulich, $10,000 OGS/ QE II)*</td>
<td>Depends on the length of the program</td>
<td>$750,000+</td>
</tr>
</tbody>
</table>

*OGS stands for Ontario Graduate Scholarships, QEII stands for Queen Elizabeth II Scholarships.

Financial Assistance for Medicine and Dentistry Students 2010-11

<table>
<thead>
<tr>
<th>Type of Assistance</th>
<th>Program</th>
<th>Number Available</th>
<th>Total Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Needs-Based Awards</td>
<td>Medicine - Schulich Awards</td>
<td>60</td>
<td>$1,200,00</td>
</tr>
<tr>
<td></td>
<td>Medicine - Other</td>
<td>137</td>
<td>$585,809</td>
</tr>
<tr>
<td></td>
<td>Dentistry - Schulich Awards</td>
<td>15</td>
<td>$150,000</td>
</tr>
<tr>
<td></td>
<td>Dentistry - Other</td>
<td>9</td>
<td>$8,000</td>
</tr>
<tr>
<td></td>
<td><strong>Subtotal</strong></td>
<td><strong>221</strong></td>
<td><strong>$1,933,809</strong></td>
</tr>
<tr>
<td>Privately Funded Bursaries</td>
<td>Medicine</td>
<td>134</td>
<td>$155,525</td>
</tr>
<tr>
<td></td>
<td>Dentistry</td>
<td>17</td>
<td>$15,300</td>
</tr>
<tr>
<td></td>
<td><strong>Subtotal</strong></td>
<td><strong>151</strong></td>
<td><strong>$170,825</strong></td>
</tr>
<tr>
<td>Institutional Bursaries</td>
<td>Medicine</td>
<td>369</td>
<td>$1,508,592</td>
</tr>
<tr>
<td></td>
<td>Dentistry</td>
<td>214</td>
<td>$1,296,450</td>
</tr>
<tr>
<td></td>
<td><strong>Subtotal</strong></td>
<td><strong>583</strong></td>
<td><strong>$2,805,042</strong></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>955</strong></td>
<td><strong>$4,909,676</strong></td>
</tr>
</tbody>
</table>
## Financial Accessibility

Financial Assistance Available for Graduate Students

<table>
<thead>
<tr>
<th>Type of Scholarship</th>
<th>Number Awarded 2010 - 11 (Fiscal 2011)</th>
<th>Total Dollars Awarded as of November 1, 2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>OGS, QEII, SSHRC, NSERC &amp; CIHR Scholarships (matching funds, competitive)</td>
<td>260</td>
<td>$3,304,450</td>
</tr>
<tr>
<td>Operating Grant Funds for Stipend Support</td>
<td>515</td>
<td>$5,347,258</td>
</tr>
<tr>
<td>Schulich Graduate Scholarships and Western Graduate Research Scholarships</td>
<td>515</td>
<td>$4,169,291</td>
</tr>
<tr>
<td>One Time Funding for Programs</td>
<td>Variable</td>
<td>$1,339,657</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>793+</strong></td>
<td><strong>$14,160,656</strong></td>
</tr>
</tbody>
</table>
Research
Research

The Schulich School of Medicine & Dentistry is proud to be the base for focused, innovative research. Our School has a dynamic environment where investigators can maximize resources for the greatest benefit to their work. This synergy of resources and expertise has earned the School international recognition as a research leader in key areas.

2010 – 11 Highlights

- Three Canada Research Chairs (CRC) renewed:
  - Sean Cregan – CRC in Neurodegeneration and Repair
  - Morris Karmazyn – CRC in Experimental Cardiology
  - Ravi Menon – CRC in Functional Magnetic Resonance Imaging

- Chil Yong Kang and his team at Western University developed an HIV/AIDS vaccine that will proceed to human clinical trials.

- Studies led by Adrian Owen, CRC in Cognitive Neuroscience and Imaging at the Brain and Mind Institute, led to a “bedside” solution for identifying individuals wrongly diagnosed as vegetative state.

- CFI provides $2.1 million for research at the Schulich School of Medicine & Dentistry and at Western University. Researchers receiving funds include:
  - Gordon ‘Oz’ Osinski and Bob Linnen, Earth and Planetary Material Imaging and Analysis Laboratory, $787,069
  - Gilles Lajoie, David Litchfield and Shawn Li, Infrastructure for the Characterization of Proteins and their Modifications, $624,788
  - Robert Sobot, Design and Test Laboratory for Implantable Integrated Circuits, $202,400
  - Claire Robinson, Groundwater-coastal Water Interactions Laboratory, $222,982
  - Len Luyt, Peptide-based Molecular Imaging Agents, $281,183

- Four Schulich Medicine & Dentistry faculty members named to Canadian Academy of Health Sciences:
  - Jack Bend
  - David Hill
  - Aaron Fenster
  - Dr. Joaquin Madrenas

- Ontario Research Fund awards Dr. Christopher Schlachta $3.2 million in support of his research developing simulation-based training for surgeons.

- A large gift from a group of orthopaedic surgeons at Schulich Medicine & Dentistry led to the establishment of the J.C. Kennedy Chair in Orthopaedic Surgery.

- iTHINK Research Labs, run by Femida Gwadry-Sridhar, a professor in the Departments of Medicine, and Physiology & Pharmacology developed an iPhone web application that shows patients at high risk of stroke, what their own arteries look like. This will better help patients understand the implications for their health.

- Jim Johnson appointed as the Graham King Musculoskeletal Research Chair.
# Research

## Canada Research Chairs

The Canada Research Chairs Program was launched by the federal government in 2000 to help Canadian universities attract and retain the world’s best researchers.

The Schulich School of Medicine & Dentistry currently has 20 active Canada Research Chairs.

<table>
<thead>
<tr>
<th>Canada Research Chair</th>
<th>Current Chair Holder</th>
<th>Tier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Musculoskeletal Health</td>
<td>Frank Beier</td>
<td>2</td>
</tr>
<tr>
<td>Oncology</td>
<td>Ann Chambers</td>
<td>1</td>
</tr>
<tr>
<td>Neurodegeneration and Stem Cell Regeneration</td>
<td>Sean Cregan</td>
<td>2</td>
</tr>
<tr>
<td>Medical Imaging</td>
<td>Aaron Fenster</td>
<td>1</td>
</tr>
<tr>
<td>Molecular Neurobiology</td>
<td>Stephen S. G. Ferguson</td>
<td>1</td>
</tr>
<tr>
<td>Viral Immunity and Pathogenesis</td>
<td>S.M. Mansour Haeryfar</td>
<td>2</td>
</tr>
<tr>
<td>Fetal and Maternal Health</td>
<td>Dr. Victor Khin Maung Han</td>
<td>1</td>
</tr>
<tr>
<td>Edith Schulich Vinet Canada Research Chair in Human Genetics</td>
<td>Dr. Robert A. Hegele</td>
<td>1</td>
</tr>
<tr>
<td>Experimental Cardiology</td>
<td>Morris Karmazyn</td>
<td>1</td>
</tr>
<tr>
<td>Gap Junctional Intercellular Communication and Disease</td>
<td>Dale W. Laird</td>
<td>1</td>
</tr>
<tr>
<td>Functional Genomics and Cellular Proteomics</td>
<td>Shawn Li</td>
<td>2</td>
</tr>
<tr>
<td>Parallel Magnetic Resonance Imaging</td>
<td>Charles McKenzie</td>
<td>2</td>
</tr>
<tr>
<td>Functional Magnetic Resonance Imaging</td>
<td>Ravi S. Menon</td>
<td>1</td>
</tr>
<tr>
<td>Fetal/Neonatal Health &amp; Development</td>
<td>Dr. Bryan Richardson</td>
<td>1</td>
</tr>
<tr>
<td>Genome Bioinformatics</td>
<td>Peter Rogan</td>
<td>1</td>
</tr>
<tr>
<td>Structural Neurobiology</td>
<td>Gary S. Shaw</td>
<td>1</td>
</tr>
<tr>
<td>Dr. Brian W. Gilbert Canada Research Chair in Primary Health Care</td>
<td>Moira Stewart</td>
<td>1</td>
</tr>
<tr>
<td>Health Services Research</td>
<td>Amardeep Thind</td>
<td>2</td>
</tr>
<tr>
<td>Infectious Diseases and Microbial Pathogenesis</td>
<td>Miguel A. Valvano</td>
<td>1</td>
</tr>
<tr>
<td>Bioethics</td>
<td>Charles Weijer</td>
<td>1</td>
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</table>
Research
2010 – 11 Notable Publications


- Macklaim JM. Gloor GB. Anukam KC. Cribby S. Reid G. At the crossroads of vaginal health and disease, the genome sequence of Lactobacillus iners AB-1. Proceedings of the National Academy of Sciences of the United States of America. 2011 Mar 15.


*Names in bold are members of the Schulich School of Medicine & Dentistry staff and faculty.
Approximately 32 per cent of research funding is provided by federal agencies, approximately 20 per cent is from Canadian and foreign industry with the balance (approximately 48 per cent) provided through provincial funding, Canadian and foreign charitable institutions, local support, and internal funding.

- The largest single resource of support is the Canadian Institutes of Health Research.
- Schulich Medicine & Dentistry researchers account for almost two thirds of total research funding at Western University.

Biomedical and Health Care Research Funding 2011: Canadian Medical School Comparison
Robarts Research Institute

2010 – 11 Highlights

- In 2011 Robarts celebrated 25 years of research innovation and excellence.

- Dr. Jorge Burneo and his research team scanned the first clinical research case using Canada’s only human 7Tesla MRI, located at Robarts.

- Murray Huff, a vascular biology scientist, and Erin Mulvihill, a PhD student, discovered a flavinoid in tangerines, Nobiletin, can not only prevent obesity, but also offers protection against Type 2 Diabetes.

- Dr. Geoffrey Pickering and Mathew Frontini discovered a strategy for stimulating the formation of highly functional new blood vessels in tissues that are starved of oxygen.

- PrioNet Canada awarded researchers at Robarts a share of $2.9 million to study Prion diseases and neurodegenerative disorders. Marco Prado, Jane Rylett, Stephen Ferguson, Vania Prado, John MacDonald, James Choy, Rob Bartha, Dr. Michael Strong and Ravi Menon along with other collaborators received $600,000 to investigate whether the prion protein could be a therapeutic target in Alzheimer disease.

- Through his research, Dr. David Spence showed using 3-D ultrasounds to identify ulcers in the carotid arteries is an effective way to pinpoint the small number of high-risk patients with asymptomatic carotid stenosis (ACS) who would benefit from surgery to prevent stroke.

- The 22nd Annual R.W. Gunton Symposium was held in September and the S.C. Ferguson Memorial Symposium was held in October. Both symposiums were held at University Hospital.

- Adrian Bird, the 2011 Canada Gairdner International Award Recipient, was on hand to give a lecture on his research, “CpG signaling in health and disease,” to faculty, staff and community high school students.

- Marco and Vania Prado, along with their team of researchers demonstrated that elimination of one of the neurotransmitters in the part of the brain associated with Parkinson’s disease may improve brain function without major adverse effects.

- In November, the Taylor Symposium and Leaders in Innovation Dinner was held. At the Dinner, the 25th anniversary of Robarts Research Institute was celebrated with video tributes to the history of Robarts and the founding fathers. With the theme of Stem Cell Research, Dr. Rudolf Jaenisch from the Massachusetts Institute of Technology was awarded the J. Allyn Taylor International Prize in Medicine. Michael J. Fox, actor and Parkinson’s advocate gave an inspiring keynote address.

- Dr. David Spence and Dr. Meir Stampfer gave a commentary arguing that vitamin therapy still has a role in reducing stroke, helping to overturn the widespread belief that lowering homocysteine levels with Vitamin B therapy did not result in a cardiovascular benefit.

- Dr. James White and his research team found that Cardiovascular Magnetic Resonance (CMR) is a highly effective diagnostic imaging tool in cases where patients have been resuscitated after Sudden Cardiac Death, or enter hospital suffering from abnormal heartbeat rhythm. During research CMR identified a new or alternate explanation for arrhythmia in 50 per cent of patients.
Awards
Awards

2011 Schulich Medicine & Dentistry Internal Awards

- **Schulich Excellence in Education Awards (Undergraduate)**
  - Schulich Distinguished Leader Award
    - Marjorie Johnson, Anatomy & Cell Biology
  - Schulich Educator Award
    - Derek McLachlin, Biochemistry
    - Dr. Louise Moist, Medicine

- **Schulich Excellence in Education Awards (Postgraduate)**
  - Schulich Leader Award
    - Dr. Donald Lee, Medical Imaging
  - Schulich Educator Award
    - Dr. Andrew Krahn, Medicine
    - Thomas Drysdale, Paediatrics

- **Dean’s Awards of Excellence**
  - Staff Awards
    - Michelle Grigg, Physiology & Pharmacology
    - Linda Jackson, Pathology
    - Christina Mackie, Windsor Program
  - Faculty Awards - Individual (Research)
    - David Haniford, Biochemistry
    - Terry Peters, Medical Imaging
    - Dr. Mandar Jog, Clinical Neurological Sciences
    - Stan Leung, Physiology & Pharmacology
  - Junior Faculty
    - Dr. George Athwal, Surgery
  - Team Award
    - Canadian R&D Centre for Probiotics
    - Lawson health Research Institute
  - Lifetime Achievement Award
    - Dr. Fraser Fellows, Obstetrics & Gynaecology

2011 Awards and Honours from External Agencies and Western University

- **Pleva Award – Western University**
  - Tom Stavraky, Physiology & Pharmacology

- **Western Humanitarian Award**
  - Honouring the Ecosystem Health - Africa Initiative
    - Charles Trick, Biology, Microbiology & Immunology
    - Irena Creed, Biology
    - Jack Bend, Pathology
    - Regna Darnell, Anthropology

- **3M National Teaching Fellowship**
  - Marjorie Johnson, Anatomy and Cell Biology
Awards

2011 Awards and Honours from External Agencies and Western University Continued

- **Diamond Jubilee Medal**
  Chil Yong Kang

- **John Provan Outstanding Canadian Surgical Educator Award**
  Dr. Brian Taylor

- **College of Family Physicians of Canada Outstanding Family Medicine Research Article Award**
  Moira Stewart, Dr. John F. Sangster, Bridget L. Ryan, Evelyn Vingilis and Ian R. McWhinney

- **Fellows of the Canadian Academy of Health Sciences**
  Jack Bend, Aaron Fenster, David Hill, Dr. Joaquin Madrenas

- **American Orthopaedic Society for Sports Medicine Hall of Fame Inductee**
  The Late Dr. Sandy Kirkley

- **Officer of the Order of Canada**
  Seymour Schulich
  Dr. Cal Stiller

- **Member of the Order of Canada**
  Former Dean, Dr. Robert Y. McMurtry

- **Order of Ontario**
  Dr. Joseph Chin

- **Novartis Oncology Young Canadian Investigator Award**
  Chil Yong Kang

- **John Provan Outstanding Canadian Surgical Educator Award**
  Dr. Alex Louie, Radiation Oncology

- **Honorary Degree - Western University**
  Dr. Bernard Wolfe, David Naylor, Mitch Baran and Ron Calhoun

- **Honorary Degree - Wilfrid Laurier**
  Dr. Neil Arya, Office of Global Health

- **Business Professional of the Year**
  Dr. Mark Awuku, Associate Dean, Windsor Program

- **Zellers Senior Scientist Award**
  Dr. Miguel Valvano

- **2012 McLaughlin-Gallie Visiting Professorship**
  Dr. Robert Teasell, Department of Physical Medicine and Rehabilitation

- **Vanier Scholarship**
  Matt Quinn, MD/PhD student in medical biophysics
Internationalization
Office of Global Health
2010 – 11 Highlights

*Overview*

The Office of Global Health supports the Schulich School of Medicine & Dentistry’s mission in developing socially responsible, collaborative leaders in the advancement of health care and health outcomes for all individuals and populations by:

- Building capacity in education, research and practice for global health
- Facilitating enhanced awareness and understanding of broad determinants of global health, including social, environmental and cultural, through interprofessional and transdisciplinary collaboration
- Promoting equity, justice, participation and access to health care for at-risk and underserved populations through culturally respectful forms of exchange and partnership
- Humbly, respectfully, and sustainably addressing and advocating for global health issues in the communities with which we engage

*Activities*

**Curriculum**

- Teaching and co-ordinating the Year 4 Global Health Selective

**International Clinical Electives**

- Facilitation and co-ordination of funding for international clinical and pre-clinical electives

**Marginalized Communities Selective**

- Organizing and co-ordinating a four-week selective for students interested in global health with local marginalized populations

**Pre-Departure Training (PDT) Course**

- Development of online resources and student opportunity to participate in annual PDT sessions held at Western and McMaster University

**Research**

- Exploring research partnerships, applying for research grants and offering to support student projects

**Facilitation**

- Facilitating information exchange and co-ordination of each of these through our webpage, links to student activities and reports, and internal and external (public health, other universities, NGO, inter-professional) resources

*Developing Clinical Partnerships*

**China**

- Huai’an Third People’s Hospital, Chengdu and Traditional Chinese Medicine

**India**

- Complementary practitioners in Dehra Dun, Community Medicine in Delhi and other specialties in Mumbai
Office of Global Health
2010 – 11 Highlights Continued

Guatemala
- University of San Carlos (Mental Health Research) Guatemala City and Antigua (Primary Care)

Israel/Palestine
- Palestinian Medical Relief Society Al Quds University Caritas Hospital Bethlehem, Physicians for Human Rights Israel

Tanzania
- Aga Khan Health Centre Mwanza, and Dr. Peter Mhando in Arusha

Student Global Health Experiences in 2011
- Eight students completed a fourth-year medical elective in Guatemala, China, Northwest Territories in Canada, Tanzania, Argentina, Angola, and Australia
- Four students completed pre-clinical electives in Russia, India, Zimbabwe and Kenya
- Four student groups participated in pre-clinical electives in Tanzania, India, China and Argentina
- Nine students went to the Global Health Conference in Montreal
- Most overseas experiences received funding from the Global Health Funding Committee. The funding sources include generous donations from the Dean’s Office, United Church Women and Hungry for Change

2010 – 11 Summer Pre-clinical Electives

- MedOutreach
  MedOutreach is an interdisciplinary student initiative with nursing, medical and dental students and annually raises approximately $60,000 to promote and improve access to primary health prevention initiatives by providing year-round health care to a small population in Arusha, Tanzania. Students complete a two-month summer clinical elective. To date the 2012 group has raised approximately $25,000.

- India Health Initiative
  The India Health Initiative is an interdisciplinary student initiative and annually raises more than $10,000 to promote and deliver health care in India. Students complete a summer clinical and optional research elective each summer at NGOs. In 2012, students will be volunteering at Amar Seva Sangam Ayikudi (Tenkasi), Families for Children (Coimbatore), and the Comprehensive Rural Health Project (Jamkhed).

- Medical Students Initiatives in China (MSIC)
  MSIC annually raises more than $8,000 to expose medical students to the spectrum of health care in China and delivery of health care in China. Students complete a pre-clinical elective in modern and traditional Chinese medicine in rural villages and modern metropolitan hospitals. In 2012, students will be supporting the Bethel orphanage that provides care to blind children in China. They will also visit hospitals in Beijing, Beichuan, and Chengdu, and in particular, the West China Hospital (WCH) to further the School’s connection with WCH and the Sichuan Medical School.
Office of Global Health
2010 – 11 Activities

- **Marginalized Communities Selective (MCS)**
  - The MCS provides additional experiential learning for students of all levels of clinical training from Year 3 as part of either their elective, selective, family medicine rotation, or family medicine residency.
  - Trainees will work in clinical settings with the following marginalized populations: documented and undocumented refugee claimants, Aboriginal Peoples, those experiencing poverty and at risk for homelessness, women experiencing violence, at-risk children, migrant workers (particularly from Jamaica and Mexico) and those experiencing addiction and substance abuse issues.
  - London placement locations include Southwestern Ontario Aboriginal Health Access Centre, Cross Cultural Learner Centre, London Intercommunity Health Centre, Middlesex London Health Unit, Clinic 528, Salvation Army Centre of Hope.
  - Kitchener-Waterloo placement locations include Refugee Health Clinic and St. John’s Kitchen. Five students have completed the MCS and we have begun assessing the effectiveness of a Refugee Health clinic on health outcomes.
  - The Office of Global Health is looking to expand the MCS to Windsor.

- **Language Classes**
  - The Office of Global Health offers language classes in Spanish, Mandarin, Arabic, and Swahili to prepare the students to go on their clinical and pre-clinical elective overseas at our clinical partner sites.

- **The Office of Global Health Retreat and White Paper**
  - The Office of Global Health Retreat led to the formation of educational and research goals for 2014: increase the number of students involved with global health initiatives, develop a Global Health Certificate, and formalize partnership sites for clinical overseas electives, complete two evaluative research projects, and develop a global health research project.
  - A white paper is in progress summarizing the office structure and directions as well as Schulich Medicine & Dentistry’s overall internationalization and globalization strategies.

- **Global Health Awards**
  - The Office of Global Health Award which recognizes students who made significant and lasting contributions to The Office of Global Health was awarded to Eileen Cheung and Nitasha Puri in 2011.
  - The office also helps with nomination of the Andrew D. Mason Memorial Award, the Carol Hindmarsh Award, the Joan Scarfone Memorial Award, the Rob Tingley class of ’95 Developing Countries Award, and the Carol Herbert Award.

- **Global Health Conference**
  - During 2011, the Office of Global Health worked diligently to launch its inaugural global health conference, Transcending Borders towards Global Health: Discovering Sustainable Pathways — Local to Global. It will be held April 27 to 29, 2012.
Office of Global Health
2010 – 11 Activities Continued

- **Global Health Discussion Forum**
  - The Global Health Discussion Forum is a student led activity which encourages students and members of the health care and educational communities to become more involved in discussions about global health issues both locally and abroad. Some of the speakers for the discussion forum in 2011 included Dr. Andrea Hunter, Carolyn Beukeboom, David Cechetto, Dr. Lisa Schwartz, Charlie Trick, Dr. John Howard, Dr. Jeff Turnbull, Dr. Vic Neufeld, Maimuna Kanyamala, and Paul Hamel.

- **Associate Director Appointments**
  - Dr. Shiva Kalidindi, Associate Director, International Elective
  - Robert Alder, Associate Director, Research
  - Dr. Natalie Lovesey, Associate Director, Marginalized Communities Selective

**Internationalization in China**

- **New International Collaboration with West China Hospital and CSTAR**
  - Signed agreement for dual PhD between West China Hospital, Sichuan University and Western University. The first PhD candidate has been accepted.
  - Canadian Surgical Technologies and Advanced Robotics (CSTAR) opened an office at the West China Hospital to facilitate research, education and resident and faculty exchanges. The surgical training exchange program has now been approved to send residents in each direction.

- **Clinical Partnership**
  - Clinical Partnerships include Third People’s Hospital, Huai’an and the Huai’an Women’s and Children’s Hospital.
  - Students participating in the Medical Elective Overseas Program and in Medical Student Initiative in China have gone to our partner site for the past two years thanks to Dr. Gualiang Cheng’s help facilitating.
## Office of Global Health
### International and National Outreach Activities

<table>
<thead>
<tr>
<th>Country</th>
<th>Faculty Member</th>
<th>Area of Engagement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tanzania</td>
<td>Shararch Hekmat, Gregor Reid, Isaac Luginaah</td>
<td>Probiotic yogurt production, Anti-infective properties of probiotics, World-Bank - probiotic implementation and impacton health</td>
</tr>
<tr>
<td>Kenya</td>
<td>Charles Trick</td>
<td>Ecosystem health and conservation</td>
</tr>
<tr>
<td>Rwanda</td>
<td>David Cechetto, Dr. Cynthia Kenyon</td>
<td>Rebuilding health and medical education in Rwanda</td>
</tr>
<tr>
<td>South Africa</td>
<td>William Fisher</td>
<td>NIH funded HIV prevention intervention at 16 HIV care sites</td>
</tr>
<tr>
<td>China</td>
<td>Ed Lui</td>
<td>Traditional Chinese medicine, integrative</td>
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<tr>
<td>Peru</td>
<td>Dr. Bertha Garcia</td>
<td>Short-term medical mission trips to impoverished populations of the Andes</td>
</tr>
<tr>
<td>India</td>
<td>Dr. Narayan Prasad</td>
<td>Epilepsy and stigmatization</td>
</tr>
<tr>
<td>Mongolia</td>
<td>Dr. Ray Guo</td>
<td>Cardiac surgery</td>
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<tr>
<td>Philippines</td>
<td>Amardeep Thind</td>
<td>Determinants of childhood immunization</td>
</tr>
<tr>
<td>Bosnia &amp; Herzegovina</td>
<td>Dr. Sahza Hatibovic-Kofman</td>
<td>Paediatric dentistry, water fluoridation, prevention</td>
</tr>
<tr>
<td>Yemen</td>
<td>Dr. Ted Vandenberg, Dr. Bertha Garcia, Dr. James Gilchrist</td>
<td>Needs assessment, faculty development, Oncology, medical development, cancer service</td>
</tr>
<tr>
<td>Brazil</td>
<td>Gregor Reid</td>
<td>Anti-infective properties of probiotics related to urogenital tract of women, bacterial biofilms</td>
</tr>
<tr>
<td>Guatemala</td>
<td>Dr. Cecil Rorabeck</td>
<td>Operation Walk</td>
</tr>
<tr>
<td>Honduras</td>
<td>Dr. David McCormack</td>
<td>Disaster relief, local private organizations</td>
</tr>
<tr>
<td>Uganda and Tanzania</td>
<td>Robert Alder</td>
<td>Evaluate maternal health-care facilities in Uganda and research gender-based violence in Tanzania</td>
</tr>
<tr>
<td>Canada</td>
<td>Dr. Bhooma Bhayana, Dr. Natalie Lovesey</td>
<td>Multicultural primary care with immigrants and refugees in prenatal care</td>
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<tr>
<td>Canada</td>
<td>Dr. Neil Arya, Robert Alder</td>
<td>Impact of Refugee Health Clinic</td>
</tr>
<tr>
<td>Canada</td>
<td>Dr. Stewart Harris</td>
<td>Aboriginal diabetes, etiology, new immigrant population health</td>
</tr>
<tr>
<td>Canada</td>
<td>Jack Bend, Isaac Luginaah, Charles Trick</td>
<td>Walpole Island environmental toxins</td>
</tr>
<tr>
<td>Canada</td>
<td>Dr. Sahza Hatibovic-Kofman</td>
<td>Rural Mennonite dental health</td>
</tr>
</tbody>
</table>
Office of Global Health
Student Global Health Clubs and Interest Groups

- Help for the Homeless
  - Started in 2010, Help for the Homeless is a community outreach group that focuses on spending time with children at the Rotholme Women’s and Family Shelter. It is a wonderful opportunity for students to gain rewarding experiences from working with children while at the same time learning about an often forgotten side of homelessness in the community.

- Aboriginal Health Advocacy Group (AHAG)
  - Through lunchtime film screenings and discussions, AHAG provides students the opportunity to learn more about health issues specific to indigenous populations in London and throughout Canada. Students also collaborate with Nimkee NupiGawagan Healing Centre to provide safe sexual health talks to youth at the centre. AHAG will be looking into hosting a information session through Indigenous Services to teach Aboriginal undergrads at Western about volunteering, the MCAT, and the medical school application process.

- CFMS Student Exchanges
  - For the 2010-2011 SCOPE (clinical), SCORE (research) exchange cycle, the School sent 13 medical students to Taiwan, Russia, Japan, and Brazil. Upon their return, students shared their experiences with other medical students in a presentation to the Year 1 and Year 2 classes. In addition to sending students on international rotations, two international students have been hosted at Western and both expressed great appreciation for their learning experiences.

- Global and Ecosystem Health Interest Group (GEHIG)
  - In November, GEHIG organized a trip for eight medical students to the Global Health. GEHIG hosted a lunchtime talk in December by a London physician about her experiences in global health and ways medical students can get involved in the field. GEHIG also runs the compost bin program.

- Newcomer Health Project (NHP)
  - NHP offers medical students an opportunity to assist in providing screening, medical histories and physical exams for incoming refugees through a partnership with the Cross Cultural Learner Centre (CCLC). Also, the NHP presents educational health workshops for refugee populations served by the CCLC. The CCLC is a London organization that helps settle refugees, and is co-ordinated by Dr. Bhooma Bhayana.

- MedLINK
  - MedLINK offers an opportunity for medical students here at Western and in Rwanda to learn from one another while communicating via email. Medical students at Western are partnered with medical students from the National University of Rwanda, through a partnership instituted by David Cechetto.
Office of Global Health
Student Events and Conferences

- **Hungry for Change Gala**
  - The Hungry for a Change Gala is an annual event for physicians and students focused on global health education and fundraising. Proceeds go to global health initiatives at Schulich. Proceeds from a silent auction go to Haruma Children’s Home in Kenya. In 2012, some of the proceeds will also be donated towards Canadian Aid for South Sudan, in support of the gala’s theme.

- **GETReady! Pre-departure Training Conference**
  - The conference is designed for students planning to travel to resource-limited settings through international electives, research placements, or any other programs at home or abroad. The day featured seminars from numerous world-travelled speakers covering guidelines released by the Canadian Federation of Medical Students and the Association of Faculties of Medicine of Canada. Schulich Medicine & Dentistry is also an international leader in pre-departure training research, and will continue this year to evaluate training with the goal of improving and standardizing future programs.

Advocacy Days - Major Campaigns

- **Schulich Aid for South Sudan**
  - This is a new student initiative with a goal of raising awareness and funds for the world’s newest nation, South Sudan. Working with Canadian Aid for South Sudan (CASS), a local charity run by London activists Glen Pearson and Jane Roy, the students will be a part of the positive change that CASS is bringing to South Sudan. Multiple events were co-ordinated throughout the year, increasing awareness and fundraising efforts. Events included a documentary viewing on CASS’s involvement in South Sudan, numerous fundrasiers (i.e. the purchase of goats as renewable resources for the people of South Sudan), partnership with the annual Schulich Talent Show, and partnership with the Hungry for Change Gala. To date, approximately $1,000 in aid has been sent to South Sudan via CASS.

- **World AIDS Day**
  - Schulich Medicine students carried out a health promotion flash mob in the University Community Centre to encourage their fellow Western students to get tested for HIV and other STIs. Participants handed out condoms and information about where to get tested. A guest speaker from the Regional HIV/AIDS Connection also came in to share his personal experience living with HIV/AIDS. An information booth about HIV/AIDS was set up in the lobby of the Medical Sciences Building.

- **World TB Day**
  - Schulich Medicine students participated in the STOP TB Campaign by attending advocacy events for World TB Day. Students had the opportunity to participate in a CMA advocacy workshop, and attend presentations by Dr. Chantelle Richmond and Kassandra Kuilman about TB infection in Canada’s Inuit population.
Social Responsibility
Social Responsibility

MedQUEST 2010 – 11 Highlights

- MedQUEST is a career exploration program for future health-care professionals.
- Initiated in 2005 by SWOMEN to:
  - Encourage high school students from rural and regional Southwestern Ontario to enter medicine or other health-care professions
  - Improve the quality of pre-clerkship electives for Year 1 and 2 medical students to experience a rural and regional clinical environment as well as prepare and teach for MedQUEST
  - Engage Southwestern Ontario partner communities more effectively in the training continuum
  - Help address the continuing shortages of health-care professionals in Southwestern Ontario communities
- Seven one-week camps ran in Chatham-Kent, Essex, Grey, Bruce, Oxford, Middlesex, Lambton, Huron and Perth with more than 140 grade 10 and 11 students enrolled; included again in 2011 was the Aboriginal Program with Chippewa of the Thames First Nations.
- The MedQUEST model came full-circle in 2011. The first MedQUEST Alumnus (a high school participant in 2005), returned back to her home community to lead the program as a first-year medical student.
- Schulich research project began, connecting with 2005-2006 MedQUEST program participants, to ask about their experiences and the level of post-secondary education achieved or in process.
- Schulich medical students also conducted a research project through MedQUEST: “Perceived barriers to Medical Education.” These students won the research award at the Annual Society of Rural Physician of Canada National Conference

Community Outreach Programs

- Mini Medical School
  - Six lectures were held between October 6 and November 11, 2011.
  - Lecture topics included:
    - Research on the central nervous system
    - Personalized medicine
    - Research on chronic lung disease using medical imaging
    - How the prenatal environment influences long-term health and disease
    - Glaucoma, what it is and what can be done about it
    - Using a woolly mammoth tusk to research novel therapies for osteoporosis
  - There were 150 registrants for the 2011 lecture series.
Social Responsibility
2010 – 11 Medical and Dental Student-Led Initiatives

- Aboriginal Health Advocacy Group
- Altitude Healthcare Mentoring – Mentorship of students from backgrounds and regions that are traditionally underrepresented in Canada’s healthcare workforce.
- B is for Book
- Children’s Aid Toy Drive - Windsor
- Christian Meds and Dents Society
- CMHA-Windsor Cooking with Kids
- COPD/CHF Clinic at Sandwich Community Health Centre (Windsor)
- DOCS – Dental Outreach Community Service
- Family Medicine Interest Group (FMIG)
- Global and Ecosystem Health Interest Group (GEHIG)
- Head For a Cure (HFAC) London & Windsor
- Healthy Athletes, Healthy Smiles – Special Olympics
- Healthy Responsible Sexuality (HRS)
- Help for the Homeless Charity Group
- Hungry For Change (HFC)
- Intergenerational Gala (IGG)
- MedLINK
- MedPals
- MedsOrchestra
- MedOutreach
- Movember
- Moving with Meds
- Mustaches for Kids
- Neuroscience Community Outreach Group (NCOG)
- Newcomer Health Project
- Operation Green
- Oral Health/Total Health – Sharing Smiles Day
- Organ Donation Awareness Group
- Paediatrics Interest Group
- Schulich Singers
- Schulich Windsor Health Lecture Series
- Schulich Windsor Outreach Team
- Stitch n’ Bitch (make hats for children in the NICU)
- Student Medical Reform Group
- TRAUMA Project
- UWO Medical Journal
- UWO Open Meds
- Windsor Interprofessional Health Council (WIHC)
- Youth Action Centre (YAC)

2010 – 11 Student-Led Initiative Highlights - Windsor Program

- Schulich Kiva Campaign
  Microcredit, a Nobel Prize winning innovative idea, helps specific projects in developing countries by allowing easier access to finances. At Schulich Medicine & Dentistry, we are fundraising for our account at Kiva which is a micro-lending organization. With the finances raised, as a school we would be able to select world-wide projects, lend them a credit, help their businesses grow, and then have the credit repaid to us to re-invest it in another business. The underlying principle is that we are helping a developing country’s economy by making smaller credit amounts available to its citizens.

- Schulich Society of Engineering and Medicine (SSEM)
  Engineering and Medicine is a crucial affiliation that is still developing. SSEM’s goal is to bridge the gap between the two professions and allow medical students to appreciate the delicacy of technological innovation, and more importantly, how to shape the evolution of medical technology to better suit their needs as health-care practitioners.
Social Responsibility
2010 – 11 Schulich Dentistry Community Initiatives

- **Oral Health, Total Health (OHTH) – London**
  Schulich Dentistry students successfully implemented a not-for-profit organization with a mission to advocate, educate and improve the oral health care for persons with special needs. Since its inception OHTH-London has raised close to $15,000, which provides funding for its cornerstone event, Sharing Smiles Day. This event brings together both the dental and special needs communities with the goal of fostering positive relationships and addressing the issues that surround the lack of access to oral health care for the special needs population.

- **Mustaches For Kids (November 2011)**
  Schulich Dentistry students grew their mustaches for the month of November to raise money for the Make-A-Wish Foundation (Southwestern Ontario). Over the past two Novembers, Schulich students raised close to $15,000 which helped grant the wishes of two children with terminal illnesses.

- **Dental Outreach Community Services (DOCS)**
  DOCS is a collaboration of more than 100 volunteer dentists, Western dental students, Fanshawe College dental hygienist students and community partners. For the past two-and-a-half years clients from five social service agencies received free dental care using portable dental equipment. Also money raised at the Western/University of Toronto dental students’ hockey game supports the outreach program which has seen more than 600 patients through 50 clinics.

- **Northern Outreach, Moose Factory, ON**
  Select fourth year dental students provided essential dental treatment to under serviced First Nations communities from the west coast of James Bay. Students work at the dental clinic in Weeneebayko Hospital in Moose Factory for periods of 2 weeks. Patients from rural communities lack access to regular dental care which negatively impacts oral health. Students encounter patients with more severe dental problems than are typically seen in London.

- **MedOutreach**
  MedOutreach is a completely student-run organization dedicated to providing healthcare abroad to those who could not otherwise afford it. Each year, two Schulich Dentistry students team up with four Schulich Medicine students and two Western nursing students to raise roughly $60,000 for this initiative. The team of eight students then travel to Tanzania for two months each summer. They deliver much-needed medical supplies and set up initiatives such as free dental clinics, wound dressing clinics, medical screening programs for orphans, and educational seminars regarding health maintenance. This is facilitated through partnerships with local dentists, physicians, hospitals, and orphanages in rural Tanzania.