State of the FACULTY OF ENGINEERING Address

November 2014 Report for Academic Year 2013-2014
Full Time Undergrad Enrolment November 1 Counts (Excludes Students on Co-op)
Student Quality – Entering Averages

- Eng 1: 83.60% → 88.35%
- CompSci 1: 82.76% → 88.97%
- Tech 1: 78.03% → 80.56%

Year:
- 2007
- 2008
- 2009
- 2010
- 2011
- 2012
- 2013
- 2014
Graduate FTE (FT = 1, PT = .3)
Graduate Students
Foreign vs. Domestic

<table>
<thead>
<tr>
<th>Year</th>
<th>Visa</th>
<th>Landed Imm</th>
<th>Canadian</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008/09</td>
<td>37%</td>
<td>21%</td>
<td>42%</td>
</tr>
<tr>
<td>2009/10</td>
<td>36%</td>
<td>21%</td>
<td>43%</td>
</tr>
<tr>
<td>2010/11</td>
<td>35%</td>
<td>21%</td>
<td>45%</td>
</tr>
<tr>
<td>2011/12</td>
<td>38%</td>
<td>20%</td>
<td>41%</td>
</tr>
<tr>
<td>2012/13</td>
<td>43%</td>
<td>18%</td>
<td>39%</td>
</tr>
<tr>
<td>2013/14</td>
<td>43%</td>
<td>16%</td>
<td>41%</td>
</tr>
<tr>
<td>2014/15</td>
<td>48%</td>
<td>14%</td>
<td>38%</td>
</tr>
</tbody>
</table>
2014 Enrollment Numbers by Department and Degree

Part Time

- Eng 1
- Chem Eng
- Civil
- CAS
- ECE
- Eng Phys
- SEP
- MSE
- Mech Eng
- Btech (Includes DCP)

Legend:
- Blue: Masters
- Red: Doctorate
- Green: Undergraduate
State of the Faculty 2014

Departmental Distribution of Students

2005/06
2,583
Grad & U/G FTE

2013/14
4,160
Grad & U/G FTE

<table>
<thead>
<tr>
<th>2005/06</th>
<th>2013/14</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grad &amp; U/G FTE</td>
<td>Grad &amp; U/G FTE</td>
<td>61%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2005/06</th>
<th>2013/14</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE</td>
<td>692</td>
<td>7%</td>
</tr>
<tr>
<td>MechEng</td>
<td>480</td>
<td>-4%</td>
</tr>
<tr>
<td>Civil</td>
<td>364</td>
<td>16%</td>
</tr>
<tr>
<td>ChemEng</td>
<td>302</td>
<td>47%</td>
</tr>
<tr>
<td>CAS</td>
<td>245</td>
<td>9%</td>
</tr>
<tr>
<td>MSE</td>
<td>202</td>
<td>5%</td>
</tr>
<tr>
<td>EngPhys</td>
<td>225</td>
<td>8%</td>
</tr>
<tr>
<td>Btech</td>
<td>56</td>
<td>2%</td>
</tr>
<tr>
<td>SEP</td>
<td>16.8</td>
<td>1%</td>
</tr>
<tr>
<td>Total</td>
<td>2,583</td>
<td>61%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2013/14</th>
<th>2005/06</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE</td>
<td>740.3</td>
<td>18%</td>
</tr>
<tr>
<td>MechEng</td>
<td>462.1</td>
<td>11%</td>
</tr>
<tr>
<td>Civil</td>
<td>422.2</td>
<td>10%</td>
</tr>
<tr>
<td>ChemEng</td>
<td>444.6</td>
<td>11%</td>
</tr>
<tr>
<td>CAS</td>
<td>742.1</td>
<td>18%</td>
</tr>
<tr>
<td>MSE</td>
<td>229.1</td>
<td>5%</td>
</tr>
<tr>
<td>EngPhys</td>
<td>200</td>
<td>5%</td>
</tr>
<tr>
<td>Btech</td>
<td>834</td>
<td>13%</td>
</tr>
<tr>
<td>SEP</td>
<td>85.3</td>
<td>2%</td>
</tr>
<tr>
<td>Total</td>
<td>4,160</td>
<td>61%</td>
</tr>
</tbody>
</table>

Growth: 61%
Co-op Work Terms

Bachelor of Engineering Co-op Work Terms

Bachelor of Technology Co-op Work Terms
## Women in Engineering

<table>
<thead>
<tr>
<th></th>
<th>Undergraduate Students</th>
<th>Graduate Students</th>
<th>Faculty FTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>20.00%</td>
<td>23.40%</td>
<td>13.40%</td>
</tr>
<tr>
<td>Increase from prior year</td>
<td>8.70%</td>
<td>4.46%</td>
<td>0.75%</td>
</tr>
<tr>
<td>Ontario</td>
<td>20.10%</td>
<td>22.60%</td>
<td>14.00%</td>
</tr>
<tr>
<td>Increase from prior year</td>
<td>4.69%</td>
<td>1.35%</td>
<td>6.06%</td>
</tr>
<tr>
<td>McMaster</td>
<td>20.00%</td>
<td>25.50%</td>
<td>11.50%</td>
</tr>
<tr>
<td>Increase from prior year</td>
<td>21.95%</td>
<td>4.08%</td>
<td>4.55%</td>
</tr>
</tbody>
</table>
Graduate Studies

- We are focused on recruiting excellent domestic students into our programs, with the aim to increase PhD numbers across the faculty.

- With almost 40% of all incoming students to our undergraduate programs planning post-graduate studies, a new undergraduate summer research initiative is intended to build that interest.

- We are engaging in ‘Best Practices’ seminars with leaders from our neighbouring universities so that we all may work together to bring more awareness of graduate studies to our undergraduate population.
Program Reviews

- Computing and Software and the School of Computational Engineering are to be reviewed this year
- Engineering Physics and the School of Biomedical Engineering were reviewed last year; very positive reviews to both.
Scholarships – NSERC/OGS

- Following upon the changes last year to the NSERC and OGS programs, these scholarships remain at the awarding university and may not be taken to another by the applicant.
- All applications are ranked by an internal scholarships committee and only a fraction will be approved to be forwarded to NSERC. OGS scholarships will be awarded from the same ranking list.
- Each department will have two OGS scholarships to award eligible students in their programs, above and beyond any successes in the central competition.
- To improve our numbers of scholarships in the faculty, the new Faculty Mentorship website offers tips on increasing the impact of reference letters being written for applicants, along with example letters offered by faculty that stood out in previous competitions.
International Scholarships

- Strong pool of international graduate students
- Supplemented by international scholarships from China Scholarship Council (CSC) and other international agencies
  - Dean of Graduate Studies recently toured Chinese universities to increase our Engineering program’s visibility among CSC applicants
- Ontario Trillium Awards also available for top international scholars
Dean’s Bridging Scholarships

- One year of a student’s stipend will be covered for faculty who take a PhD candidate rather than a Masters student on a 3-year
- Up to 8 awards per year
- Faculty members apply at the time they are writing their research proposals
New Gender Equity in Engineering Travel Award

- The aim is to stimulate energetic graduate students who wish to bring new, innovative ideas to the faculty on the issues of gender equity and equality by providing them with financial assistance while attending conferences or workshops on such issues.

- Four awards, each valued up to $3000 for travel expenses

- The competition is accepting applications due November 28, 2014 for conference travel during 2015.
New Dean’s Excellence Entrance Scholarships and Undergraduate Summer Student Research Awards

Dean’s Excellence Entrance Scholarships

- $7,500 + $2,500 (McMaster Entrance Award) = $10,000
- 22 scholarships awarded on the basis of academic excellence, leadership skills and strong extracurricular and/or community involvement

Undergraduate Student Summer Research Awards

- 100 full-time, paid research positions offered to incoming McMaster Engineering undergraduate students to be held from May to August 2016
Faculty of Engineering

Dean's Excellence Entrance Scholarships

- 2 awards @ $4,500 each
- Admissions average > 95%
- Strong leadership, experience, and community contributions

thinkeng@mcmaster.ca
www.eng.mcmaster.ca/future
McMaster University Engineering

100 UNDERGRADUATE STUDENT SUMMER RESEARCH AWARDS

full-time positions for the summer of 2016.

We invite applications from incoming McMaster Engineering undergraduate students who want to be mentored by the best engineering researchers and teachers... and who want to change the world.

McMASTER ENGINEERING
We are one of the world’s top 100 universities and we are changing the world.

www.eng.mcmaster.ca/future
Faculty and Staff Transitions

Faculty Retirements

Ivan Bruha, Computing and Software
Sanzheng Qiao, Computing and Software
Gord Irons, Materials Science and Engineering
Max Wong, Electrical and Computer Engineering

Staff Retirements

Kathy Goodram, Chemical Engineering
New Faculty Positions

Tracy Becker, Civil Engineering

Dustin Garrick, Walter G. Booth School for Engineering Practice and Department of Political Science

Reza Samavi, Computing and Software

Borzoo Bonakdarpour, Computing and Software

Amin Rajabzadeh, School of Engineering Technology

Moein Mehrtash, School of Engineering Technology

Zhen Gao, School of Engineering Technology

Rashid Abu-Ghazalah, School of Engineering Technology

Aadil Merali, School of Engineering Technology
New Staff Positions

Teresa Trimboli – appointed to Administrative Assistant (Academic) II, Computing & Software, January 2014

Sara Dendekker – hired as Administrative Assistant, Engineering Alumni Office, January 2014

John Colenbrander – hired as Instructional Assistant, Mechanical Engineering, March 2014

Josh McRae – hired as Budget & Financial Analyst, Office of the Dean, June 2014

Rachel Jones – hired as Recruitment Assistant, Engineering Co-op & Career Services, June 2014

Josie Marchese – hired as Accounting Assistant, BTech, July 2014

Leslie Kocsis – hired as Business Manager, BTech, August 2014

Jessica Anderson – appointed to Instructional Co-ordinator, Engineering 1, August 2014

Kristina Trollip – appointed to Administrator, Chemical Engineering, August 2014

Michelle Zheng – promoted to Academic Advisor, Office of the Associate Dean (Academic), September 2014
New Staff Positions (cont’d)

Jennifer Hamilton – hired as Program Administrator, BTech, September 2014

Lydia Davis – hired as Administrative Assistant (Academic) II, Materials Science & Engineering September 2014

Yinye Yang – hired as Principal Research Engineer, Mechanical Engineering, October 2014

Samantha Kandilas – promoted to Administrative Co-ordinator, Engineering 1, October 2014

Deborah McIvor – promoted to Marketing & Communication Strategist, School for Engineering Practice, October 2014
Approved Faculty FTE (including CLA)

- 2005/6: 143.5
- 2006/7: 145.5
- 2007/8: 147.0
- 2008/9: 144.0
- 2009/10: 138.0
- 2010/11: 136.5
- 2011/12: 142.5
- 2012/13: 144.5
- 2013/14: 153.0
- 2014/15: 158.0
- 2015/16: 151.0

Legend:
- Engineering
- Vacancy
- Btech
- Btech vacancy
2014 Faculty FTE by Department

- Chemical: 17 FTE
- Civil: 19.5 FTE
- CAS: 22 FTE
- ECE: 28.5 FTE
- EP: 15 FTE
- MSE: 14.5 FTE
- Mechanical: 24 FTE
- Btech: 18 FTE
- SEP: 2 FTE

Legend:
- Green: Teaching Track/Permanence
- Blue: Tenure/Tenure Track
- Red: CLA
<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Initiative</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>Emily Cranston</td>
<td>Atomic Force Microscopy for Force Measurements, Adhesion Studies, Nanotribology and Mechanical Testing of Cellulose Nanomaterials</td>
</tr>
<tr>
<td>2013</td>
<td>Joseph McDermid</td>
<td>Galvinizing Simulator Upgrade – NSERC-USSC-IRC</td>
</tr>
<tr>
<td>2013</td>
<td>Cheryl Quenneville</td>
<td>Infrastructure to Establish an Injury Biomechanics Laboratory for Experimental and Numerical Investigations</td>
</tr>
<tr>
<td>2013</td>
<td>Rong Zheng</td>
<td>Software-Defined Radio Enabled Wireless Surveillance and Security</td>
</tr>
<tr>
<td>2013</td>
<td>Rafael Kleiman</td>
<td>Time and Frequency Domain Hyperspectral Imaging for Photovoltaic Applications</td>
</tr>
<tr>
<td>2013</td>
<td>Dimitrios Konstantinidis</td>
<td>Multi-Axis Dynamic Simulator for Testing Operational and Functional Components and Advanced Seismic Isolation Devices</td>
</tr>
<tr>
<td>2013</td>
<td>Neslihan Dogan</td>
<td>Removal of Micro-Particles in Steel Processing</td>
</tr>
<tr>
<td>2014</td>
<td>Ishwar Puri</td>
<td>Magnetic Control of Microstructure Morphology: Means for Control of Material Properties in Nanocomposites</td>
</tr>
<tr>
<td>2014</td>
<td>Ravi Selvaganapathy</td>
<td>Research Platform for Development of Devices and Assays for Drug Discovery</td>
</tr>
<tr>
<td>2014</td>
<td>Nigel Schofield</td>
<td>High Voltage DC Energy Conversion Laboratory <em>(conditional)</em></td>
</tr>
</tbody>
</table>

*No MRI results for Feb. 2014*
### NSERC Competition Success Rate

#### NEW DISCOVERY GRANTS

<table>
<thead>
<tr>
<th>YEAR</th>
<th>TOTAL ENGINEERING</th>
<th>AWARDED</th>
<th>Total Awarded</th>
<th>SUCCESS RATE</th>
<th>ENGINEERING</th>
<th>AWARDED</th>
<th>Total Awarded</th>
<th>SUCCESS RATE</th>
<th>NATIONAL</th>
<th>%</th>
<th>Avg $</th>
<th>NATIONAL</th>
<th>%</th>
<th>Avg $</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009*</td>
<td>32</td>
<td>25</td>
<td>36,500</td>
<td>78</td>
<td>100</td>
<td>75</td>
<td>34,782</td>
<td>100</td>
<td>64</td>
<td>64</td>
<td>34,782</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>27</td>
<td>20</td>
<td>35,500</td>
<td>74</td>
<td>91</td>
<td>64</td>
<td>37,094</td>
<td>91</td>
<td>58</td>
<td>58</td>
<td>37,094</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>35</td>
<td>26</td>
<td>31,796</td>
<td>74</td>
<td>101</td>
<td>65</td>
<td>36,536</td>
<td>101</td>
<td>68</td>
<td>68</td>
<td>36,536</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>36</td>
<td>28</td>
<td>28,107</td>
<td>78</td>
<td>100</td>
<td>67</td>
<td>32,903</td>
<td>100</td>
<td>62</td>
<td>62</td>
<td>32,903</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>42</td>
<td>35</td>
<td>29,257</td>
<td>83</td>
<td>111</td>
<td>73</td>
<td>34,452</td>
<td>111</td>
<td>59</td>
<td>59</td>
<td>34,452</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>34</td>
<td>25</td>
<td>28,840</td>
<td>74</td>
<td>101</td>
<td>73</td>
<td>36,123</td>
<td>101</td>
<td>64</td>
<td>64</td>
<td>36,123</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* New discovery grants

#### RTI GRANTS

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Requested</td>
<td>Total Awarded</td>
<td>Success Rate</td>
</tr>
<tr>
<td></td>
<td>#</td>
<td>$</td>
<td>#</td>
</tr>
<tr>
<td>Engineering</td>
<td>9</td>
<td>987,256</td>
<td>4</td>
</tr>
<tr>
<td>McMaster</td>
<td>16</td>
<td>1,511,070</td>
<td>6</td>
</tr>
<tr>
<td>National average</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* The funding envelope for NSERC's RTI program was reduced in 2014. Consequently, NSERC gave each university an application quota. McMaster's quota for the 2014 competition was 16.
Faculty of Engineering - Research Funding

Federal Councils (including CRC & NCE)
CFI/OIT/ORF-RI
Provincial Gov't (ORF RE/ERA/OCE etc.)
Corporate & Other*

*Other - Crown Corps/APC/Foreign Gov't/nonprofits/Hospital/other
International Partnerships

APC Project – S. Shankar

S. Habibi, A. Emadi
2014 Faculty Honours

**Faculty of Engineering Research Achievement Award**
John Bandler, Department of Electrical and Computer Engineering

**Faculty of Engineering Teaching Excellence Award**
Carlos Filipe, Department of Chemical Engineering

**Named Chairs**
Neslihan Dogan, appointed US Steel Canada Endowed Chair
Joseph McDermid, renewed NSERC/US Steel Canada Industrial Research Chair in Advanced Coated Steels
Natalia Nikolova, renewed Tier 2 Canada Research Chair in High Frequency Electromagnetics
Shinya Nagasaki, appointed Canada Research Chair in Nuclear Fuel Cycle and Radioactive Waste
Honorific McMaster Engineering Awards

Distinguished Engineering Professor
Thia Kirubarajan, Professor, Electrical and Computer Engineering
Xiaolin Wu, Professor, Electrical and Computer Engineering
Igor Zhitomirsky, Professor, Materials Science and Engineering

Distinguished Engineering Fellow
Todd Hoare, Professor, Chemical Engineering
Andy Knights, Professor, Engineering Physics
Ray LaPierre, Professor, Engineering Physics

Distinguished Engineering Educator
Nicola Nicolici, Professor, Electrical & Computer Engineering
Teaching Awards

- Gianluigi Botton nominated for The President's Award for Excellence in Graduate Supervision
- Tom Doyle, 2013 President’s Award for Outstanding Contributions to Teaching & Learning
- Mike Justason, nominated for the Excellence in Teaching Award
- Michael D. Noseworthy, President's Award for Excellence in Graduate Supervision
- Lydell Wiebe, MSU Teaching Award
Major Research Awards

• **Ali Emadi**, $8,928,200 NSERC APC Award for Next Generation Affordable Electrified Powertrains with Superior Energy Efficiency and Performance-Leadership in Automotive Powertrain (LEAP). $360,000 NSERC Collaborative Research and Development Grant and $225,000 D&V Electronics Ltd. Project for the Design and Development of a Novel Test Cell for Low-Voltage, High-Speed Interior Permanent Magnet Synchronous Machines

• **Rafael Kleiman**, $399,940 for Time and Frequency Domain Hyperspectral Imaging for Photovoltaic Applications

• **Sumanth Shankar**, $2,042,371 NSERC APC Award to develop high-strength aluminum and magnesium alloys

• **Todd Hoare**, $310,000 NSERC, Accelerated Development of Smart Biomaterials for Stem Cell Therapy and Production

• **Igor Zhitomirsky**, $208,500 NSERC grant for advanced flame retardant materials and fabrication methods

• **Brenda Vrkljan** and **Robert Fleisig**, $200,000 CFI Leaders Opportunity Fund for innovations in automobile design for an aging population
Professional Associations, Societies & Awards

• **John Bandler**, 2013 Microwave Career Award from the IEEE Microwave Theory and Techniques Society

• **Doug Barber**, 2013 Hamilton Gallery of Distinction

• **Samir Chidiac**, Fellow, Canadian Society for Civil Engineering

• **Jamal Deen**, MacNaughton Gold Medal for Pioneering contributions to modeling of semiconductor devices, IEEE

  University of the West Indies, Vice Chancellor Award for “exceptional scholarly work and exemplary professionalism”

• **Ali Emadi**, Thomson-Reuters/ISI Highly-Cited researcher in the field of Engineering.

  Auto research team received a Chrysler Innovation Award for "Next Generation Affordable Electrified Powertrains with Superior Energy Efficiency and Performance-Leadership in Automotive Powertrain (LEAP)"
Professional Associations, Societies & Awards (cont’d)

- Jeff Hoyt, 2013 TMS Electronic, Magnetic & Photonic Materials Division Distinguished Service Award
- Gord Irons, Honorary Member of The Iron and Steel Institute of Japan. Jerry Silver Award, Association of Iron and Steel Technology
- Ross Judd, PEO Order of Honour
- Theomary Karamanis, Platinum Award in the Category of Writing/Communication Training: Crisis Communication Simulation, Association of Marketing Communication Professionals
Professional Associations, Societies & Awards (cont’d)

- Anthony Petric, Fellow, ASM International
- Gary Purdy, named one of the 125 people of impact at McMaster University
- Dieter Stolle, Fellow of the Canadian Society of Civil Engineering
- David S. Weaver, Silver Medal, Canadian Congress of Applied Mechanics
- Hatem Zurob, 2013 Best Young Researcher Award, International Recrystallization and Grain Growth
Staff Awards

Justyna Derkach, President’s Staff Award for Outstanding Service

Cheryl Gies, Veronika Czerneda Award

Carm Vespi recognized by Actua for her leadership in a Director position at Venture Engineering & Science at McMaster University for five or more years

Raluca Nuta, Carm Vespi, Iwona Centurami, Sara Dendekker and Linda Coughlin (Engineering Alumni Office), Dean’s Team Excellence Award
Student Successes

- **McMaster Formula Hybrid team**, 2013 Formula Hybrid Competition, first-place in the GM Best Engineered Hybrid Systems Award, IEEE Engineering the Future Award and Chrysler Innovation Award
- **Kevin Browne**, Innovation Factory’s Mark Chamberlain DiFizen of the Year Award
- **Mary Gallerneault**, co-winner of the 2013 Student Essay Competition, the Ontario Centre for Engineering and Public Policy (OCEPP)
- **Sandra Gibson**, best poster at Nano Ontario
- **Frances Lasowski**, Graduate Student Awards Millennium Award for Community Service
- **Juste Fanou**, Renaissance Award 2014 for Wartime Hymns: Confronting civil unrest through music and comedy in Ivory Coast
- **Brian Jamieson**, AIST Foundation’s David H. Samson Canadian Scholarship
Student Successes – cont’d

- **Jason Munro**, best presentation at the Canadian Undergraduate Physics Conference
- **Samantha Stambula** and **Sagar Prabhudev**, Canadian Foundation for the Development of Microscopy Award for their papers submitted to the Microscopical Society of Canada
- **Andrew Scullion**, best poster at the Microscopy and Microanalysis Conference
- **David Rossouw**, best poster at the International Electron Energy Loss Spectroscopy Meeting (EDGE 2013)
- **Bhavin Shukla**, Robert John Morris Community Contribution Award
Applause and Accolades 2014

Carlos Filipe, Terry Fallis, Ishwar Puri, Michael Duhaime, John Bandler
Gifts

- **Alumnus Joseph Ip** (EngPhys ’79, M.Eng. ’89)
  $1,000,000 to establish both the Entrance Scholarship Program to attract bright minds and the Distinguished Engineering Fellow Program to support young faculty members.

- **Professor emeritus Terrance Hoffman, Chemical Engineering**
  $250,000 to establish The Professor Terrence Hoffman Scholarship valued at $5,000 to the student with highest Sessional Average entering a Level II program in chemical engineering.
  $62,000 towards the Engineering Centre for Experiential Learning (ExCEL)

- **Professor emeritus Cameron Crowe, Chemical Engineering**
  $130,000 to establish The Dr. Cameron M. Crowe Scholarship valued at $5,000 to the student with highest Sessional Average entering a Level II program in chemical engineering.
Hatch Engineering Centre for Experiential Learning (ExCEL)

- Toronto-based Diamond Schmitt Architects (DSAI) has been selected as the Prime Consultant responsible for overseeing the new building.
- DSAI is the recipient of over 250 regional, national and international awards, including six Governor General’s Awards for architecture in Canada.
- Diamond Schmitt has worked on McMaster projects in the past, including the University’s CANMET Materials Technology Lab, located at Innovation Park on Longwood Road in Hamilton.
- Construction is scheduled to begin in the fall of 2015, and the building is expected to open in April 2017.
Dean’s Advisory Board

- **Douglas Barber**  
  OC (Chair), Gennum Corporation (retired)

- **Erica Barnes**  
  Halsall Associates Ltd.

- **Christine Ermarkaryan**  
  Vice-President/Senior SR&ED Consultant, Global R&D Consulting Group Inc

- **Mike Fielding**  
  Consultant

- **Art Heidebrecht**  
  Director, Walter G. Booth School for Engineering Practice, McMaster University

- **Stephen Howe**  
  Executive Vice President and Chief Technology Officer, Bell Canada

- **Linda Javorski**  
  Secretary Treasurer, Hatch Investments Ltd.

- **Chandra Kudsia**  
  President, Mantrix Inc.

- **Joe Liburdi**  
  President, Liburdi Engineering

- **Robert Magee**  
  Chairman of the Board, The Woodbridge Group
Dean’s Advisory Board – cont’d

- Mike Palmer  
  Senior Director, Energy & Raw Materials, Agrium

- Michael Pley  
  Chief Executive Officer, COM DEV International

- James Politeski  
  President, Sales & Marketing  
  Samsung Electronics Canada Inc.

- Graham Reid  
  VP of Technology, ArcelorMittal Dofasco

- Eugene Roman  
  Chief Technology Officer, Canadian Tire Corporation

- Colleen Shannon  
  Partner, Borden Ladner Gervais LLP

- Howard Shearer  
  Chairman, Hitachi Canada Ltd.

- Dr. Kurt A. Stroble  
  Chairman of Board, Hatch

- Tony Thoma  
  Dean of Engineering Technology, Mohawk College

- Tim Valters  
  Consultant
Engineering Operating Spending Distribution
2013-2014 Fiscal
(Excludes Specifically Funded)

- Academic Salaries and Benefits: 61%
- Support Salaries and Benefits: 20%
- Student Support (TA/Scholarship/Bursary): 10%
- Equipment & Renos: 4%
- Supplies and Services: 4%
- Direct Research Funding: 1%