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Provost's Message

This third annual report from the Office of the Provost and Vice-President (Academic) demonstrates that during the 2015-16 academic year, Carleton University has continued to achieve many accomplishments and new milestones. We have continued to implement the Strategic Integrated Plan and our Strategic Mandate Agreement, resulting in important new program developments, continued growth in student enrolments (both undergraduate and graduate), increasing recognition and achievements of our faculty in research, scholarship, teaching, and service to the wider community, and outstanding accomplishments by our students and graduates. The success of the new Bachelor of Global and International Studies, the development of the Combined Honours in Indigenous Studies, and the construction of the new Health Sciences building are but three examples of Carleton’s growing academic profile. While we cannot capture all of the academic accomplishments that occur across a university the size of Carleton, this review will hopefully provide you an interesting overview of the activities, achievements and initiatives during the past academic year in the various units and Faculties that report to the Provost and Vice-President (Academic).

The 2015-16 academic year began with the arrival of a new Vice-President and ended with the retirement of another. It has been a great pleasure to work with Nimal Rajapakse over the past year. The academic and research sectors of the university are inextricably interlinked, and must work together closely and collaboratively for any university to succeed. Nimal has made a significant contribution already, and Carleton’s reputation and research productivity will be stronger for his leadership and contributions. In terms of leadership and contributions, what can be written about Duncan Watt that has not already been written or said many times over? All I can add is to say what an honour it has been to work with him during the last seven years of his tenure as Vice-President (Finance and Administration) and to witness the important work that he did in making Carleton a financially sustainable institution. Duncan will be greatly missed, but I look forward to welcoming another new Vice-President to Carleton when Michel Piché joins us from the National Research Council.

As in past years, I encourage you to follow up on anything in this Annual Report about which you would like more detail by looking at the various newsletters, articles and reports that are available on the web pages of the individual units themselves, many of which are linked throughout this document.

Thank you to all of you who have made 2015-16 another successful and positive academic year for Carleton University.

Peter Ricketts
Provost and Vice-President (Academic)
Provost and Vice-President (Academic)

Carleton’s 75th in 2017

The 75th Anniversary Steering Committee, chaired by Peter Ricketts, has been meeting regularly since February 2015 to coordinate the planning and timing of events associated with Carleton’s important anniversary. There are three subcommittees: 75th Academic Events Subcommittee co-chaired by Margaret Haines and Joy Mighty, who are overseeing a photo book highlighting our 75-year history and planning an Academic Expo in the Fall of 2017; a 75th Communications and Advancement Subcommittee co-chaired by Don Cumming and Ryan Davies; a 75th Events Subcommittee chaired by Mark Savenkoff to provide oversight and coordination of all events for 2017. Students, faculty and staff are involved in these committees and will continue to play an important role in the planning. In addition, Kathy McKinley has been appointed as the 75th Anniversary Project Liaison Officer. Kathy will coordinate the 75th anniversary signature events, and is well-positioned to provide support to all who are planning activities to mark this special occasion.

The Steering Committee has established a schedule of signature events that will run throughout the calendar year of 2017. This schedule is available for viewing on the newly-launched 75th anniversary website (CU75) where details will be posted.

Along with these signature events, there will be countless celebrations with individual faculties, library, departments, units and student organizations. We look forward to further engaging with our students in this celebration year. Many people across campus are taking this anniversary as an opportunity to host conferences at Carleton, as is the case with our Retiree Association that will be hosting the 2017 College and University Retiree Association of Canada conference in June 2017. We will continue to liaise with the City of Ottawa to collaborate on some of the events and activities that are being developed as Ottawa will be the location of many events to celebrate Canada’s 150th anniversary.

A key highlight of our 2017 celebrations will be the launch of a 75 photos book that will highlight our history through selected pictures during our last 75 years. Students, faculty, staff and the community have been invited to submit reflections on what these photos mean for them. Shown here is one that conjures up many memories for any Carleton grad.
Provost Heads up Ontario University Delegations to China and France

Carleton University participated in the recent Council of Ontario University (COU) delegations that visited Jiangsu Province in China from November 3 to 7, 2015, and the Rhone-Alpes region of France from April 2 to 8, 2016. Carleton University Provost and Vice-President (Academic), Dr. Peter Ricketts, is the Director of Ontario Universities International (OUI) which manages four international student exchange programs, including the Ontario-Jiangsu Student (OJS) and the Rhone-Alpes (ORA) exchange programs. Dr. Ricketts was the Chef de Mission for the Ontario delegation for both visits.

The Jiangsu delegation of eleven Ontario universities was organized by the Council of Ontario Universities, and was hosted by the Jiangsu Department of Education. Justin Li, Director of Carleton’s National Capital Confucius Institute, accompanied Dr. Ricketts on the trip. Carleton renewed three agreements with Jiangsu universities at a November 6 gala signing ceremony in Nanjing, attended by Premier Kathleen Wynne and Jiangsu Party Secretary Luo Zhijun.

“For 30 years now, as sister provinces, we have worked to advance collaborations in higher education, to help our students, researchers, and our provinces reap the benefits of exchange and co-operation,” said Dr. Ricketts, speaking on behalf of the Ontario delegation at the signing ceremony. “... We will continue to work with our Jiangsu and other Chinese partners to help spawn innovation, cross-pollinate new knowledge and research techniques, and help the next generation of students become truly global citizens.”

The delegation to France was in celebration of the 25th anniversary of the Ontario/Rhône-Alpes (ORA) exchange agreement. Representatives of the Ontario ORA partner institutions and the Ministry of Training, Colleges and Universities were hosted by the Rhône-Alpes institutions, and the trip involved visits to the ORA partner universities in Lyon, St. Etienne, Chambery, Annecy, and Grenoble. Dr. Ricketts spoke on behalf of the COU delegation.
at the official ceremony marking the anniversary and referred to the close relationships that have developed between the universities of Ontario and Rhône-Alpes, and between the two regions. ORA is the most popular of all of the OUI exchanges, and many Carleton students attend Rhône-Alpes institutions each year and we welcome many Rhône-Alpes students to our campus as well.

Introducing the Provost’s Café

In April 2016, the Office of the Provost held its inaugural Provost Café. The morning began with muffins and coffee and over 100 staff members from the academic units attended. Provost Peter Ricketts gave an update on federal and provincial issues affecting universities, discussed the Carleton Planning Framework, and outlined our key initiatives for 2016-2017. Assistant Vice-President (Academic) André Loiselle spoke on the strategic transformation groups that are meeting regularly to look at wicked issues (research funding, retention and graduation, and employability). They will be sharing their findings in the fall. Margaret Haines gave an update on plans for Carleton’s 75th anniversary in 2017. Dr. Ricketts asked attendees if they found this session useful. The general agreement was to continue these Provost Cafés to keep staff members up-to-date on issues in higher education and academic initiatives at Carleton. Another café will be scheduled in the fall.

Updates to the Provost’s Website

This past year, we worked with Jesse Plunkett from the Department of Communications to update the Provost’s website. All content from the Faculty Recruitment/Faculty Affairs website moved to the Provost’s website thus eliminating the need for a separate site. We hope this will improve customer service through streamlining and elimination of duplication. Please take time to look it over and let us know what you think. Thanks to Yvonne Leung, Global Academy Administrator, who spent many hours culling over materials to ensure the switch went smoothly and that all materials were transferred. The Office of the Provost and Vice-President (Academic) is always looking for opportunities to improve our business practices and efficiency. Consolidating both websites will increase focus on our office and increase traffic for all things academic: vision and strategic planning, faculty affairs and careers.
Spring Conference

In keeping with tradition, the Office of the Provost provided support to all faculty instructors and librarians appointed in the last two years who wanted to attend the Spring Conference for the first time. This was the 67th Anniversary of the Spring Conference – Carleton’s annual weekend retreat for faculty, instructors, librarians, and staff. It was held at The Glen House Resort, in Lansdowne, Ontario on the shores of the St. Lawrence in late April.

Six speakers presented their scholarship, displaying the diversity of Carleton’s academic interests and the high quality of our faculty. The lectures were presented in general terms so as to interest those from all parts of the university. Seven new faculty took advantage of this offer from the Provost, and there was a healthy mix of current and retired faculty and staff in attendance during the weekend.

Re-appointments, Searches and New Appointments

A number of new and renewed appointments were made during the past year. Following a unanimous recommendation from the Review Committee for the Dean of the Faculty of Public Affairs, Dr. André Plourde was re-appointed to a five-year term that was announced in March. In its recommendation, the committee noted the passion and dedication he has brought to the faculty these past five years. They are confident in his vision and direction for the faculty in his second mandate. He will continue to hold a faculty appointment in the Department of Economics at the rank of full professor with tenure.

During his first term as Dean, the Faculty of Public Affairs has continued to expand its academic programs and to grow research intensity. The launch of the Bachelor of Global and International Affairs, which was a joint initiative with the Faculty of Arts and Social Sciences, and master’s programs in Political Management, Philanthropy and Not-for-Profit Leadership, and Indigenous Public Administration are but a few examples of the academic development of the faculty under Dean Plourde’s leadership. He established the FPA Research Month, which has now become a major annual event in Carleton’s academic calendar. Between 2011 and 2016, external research funding for the faculty has exceeded $30 million, donations have risen to almost $16 million, and the faculty continues to develop critical partnerships and collaborative initiatives both within Carleton and externally. By any reckoning, Dean Plourde has been an accomplished leader for his faculty.

John Shepherd was re-appointed as Vice-Provost and Associate Vice-President (Academic) for an additional year. Dr. Shepherd was due to complete his term on June 30, 2016 and his extension for another year will allow him to complete a number of important initiatives that he is leading on behalf of the Office of the Provost. As many of you will know, Dr. Shepherd has been instrumental in developing and implementing Carleton’s Institutional Quality Assurance Process (IQAP) under the auspices of Ontario’s Quality Assurance Framework.

Dr. Shepherd also chaired the Provost’s Task Force on Enrolment, Retention, and Program Renewal, and is overseeing a number of major initiatives that emerged from that group, including the Panel on the Future Directions of the BA, and the working groups on Online Learning, Learning Outcomes, First-Year Seminars, Course Clusters, and Undeclared Students. Dr. Shepherd is Chancellor’s Professor of Music and Sociology, and a Fellow of the Royal Society of Canada.
André Loiselle was also re-appointed for one more year as Assistant Vice-President (Academic). Over the past year, Dr. Loiselle has supported the work of the Office of the Vice-Provost in the area of academic quality assurance, teamed up with Norah Vollmer on the Academic Heads Roundtables, and collaborated with Cindy Taylor as the academic lead for the Carleton Leader program. Many faculty and staff know Dr. Loiselle from the Fierce Conversations program and from his long record of academic and administrative service to Carleton. Dr. Loiselle’s expertise in academic quality assurance was recognized provincially by his appointment to the Appraisal Committee of the Ontario Universities Council on Quality Assurance. Dr. Loiselle is a professor of Film Studies in the School for Studies in Art and Culture.

Congratulations to André Loiselle, Assistant Vice-President (Academic) (l), winner of a 2015 Service Excellence Award by an Individual. André was honoured at a ceremony in February and presented with the award by Duncan Watt, Vice-President (Finance and Administration).

The search to hire a new Dean of the Faculty of Arts and Social Sciences did not result in an appointment. Consequently the search was postponed in the spring, and the Provost announced the appointment of Wallace Clement as interim Dean for a period of two years. Dr. Clement has graciously agreed to postpone his retirement in order to take on this very important role in service of the faculty and Carleton. He is Professor of Sociology and most recently was the Acting Chair of the Department of Sociology and Anthropology. From 2012 to 2014, he served as Interim Dean of the Faculty of Graduate and Postdoctoral Affairs.

Dr. Clement’s appointment will give the faculty a period of stability and will allow some time to elapse before re-advertising for the position and beginning a new search. In seeking an interim appointment the Provost was cognizant of the fact that the current Interim Dean, Catherine Khordoc, will be taking a well-deserved and overdue sabbatical in the 2016-17 academic year. Dr. Khordoc did a wonderful job as Interim Dean and will return as Associate Dean in 2017 after her sabbatical.

While Alan Steele was on administrative leave in 2015-16, Cheryl Schramm was appointed as Acting Director of the Discovery Centre. Cheryl, who is an Instructor in the Department of Systems and Computer Engineering, focused on expanding opportunities to support undergraduate research, one of the main areas of high impact student engagement being promoted, and expanding the programs and events within the Discovery Centre. Under her leadership, and with the superb support and work of Ashley Fleischer, the Discovery Centre continues to be a major hit with students and faculty alike, and a hub of intense activity in our renewed MacOdrum Library.
New Staff in the Office of the Provost

With Val Pereboom’s departure to the Office of the Dean of Science to take on the role of Executive Assistant to the Dean, we were pleased to welcome Greg Skazyk as Systems Functional Analyst in the Office of the Provost and Vice-President (Academic). While reporting to Norah Vollmer, Greg will be administering and introducing new systems to manage faculty careers. Greg came to Carleton from the University of Manitoba where he gained a wealth of Banner system knowledge while working on various modules as a member of two Banner implementation teams, and as a Systems Functional Analyst for the Banner Student module. In his nine years at the U of M, he also gained experience as a Student Academic Advisor in the Faculty of Education, and as an awards administrator in the Faculty of Graduate Studies.

Scholars-at-Risk (SAR) Program

Carleton University, the University of Ottawa, and the Carleton University Academic Staff Association (CUASA) welcomed Iranian scholar Hossein Raeesi as our first SAR Scholar in the 2015-16 academic year. As part of the Scholars at Risk (SAR) network, Hossein was a visiting scholar in Carleton’s Department of Law and Legal Studies, where he taught Human Rights, Sharia Law and Islamic Legal System. While at the University of Ottawa, he took courses toward professional accreditation as a lawyer in Ontario.

In Mr. Raeesi’s words, “When I left my country, I did not know if I would ever be able to return. On that day, as a 44-year old human rights lawyer with over 20 years of practice, I felt that I had lost my livelihood, my career, and my passion. Thanks to the support of Carleton/Ottawa U’s SAR initiative, I am finding a way back into my chosen career while making key connections so that I can continue working on advancing human rights issues.”

The SAR initiative has been a wonderful collaboration between Carleton and the Carleton University Academic Staff Association (CUASA), and with the University of Ottawa. However, beyond that, the project has been embraced by the Carleton community. Members of faculty and staff donated generously through our Community Campaign to help raise part of the funding for Professor Raeesi to come to Carleton. We will continue to support this initiative and look forward to welcoming our next scholar in 2017.
Supporting Indigenous Initiatives through CACE

The Office of the Provost gave financial support to a number of activities in the Centre for Aboriginal Culture and Education to create opportunities to share Indigenous knowledge and experiences with the Carleton community. These sponsored events contributed to Carleton’s commitments outlined in the Aboriginal Coordinated Strategy and the Strategic Integrated plan. Activities included a six-week Storyboot School program where nineteen students participated in preserving the traditional art and timeless skill of crafting moccasins by hand; a panel discussion on families of missing and murdered Indigenous women and girls; a talk by Tsisiske Alfred on Research and Indigenous resurgence; the 6th annual round dances; and film screenings, celebrations, and expos.

The Office of the Provost continued to support the operations of the Aboriginal Education Council, and other events and initiatives to promote Indigenous education, research, and knowledge at Carleton. The academic year culminated with the approval of the new combined Honours Degree in Indigenous Studies, and the changing of the name of the School of Canadian Studies to the School of Indigenous and Canadian Studies.

Twenty-two departments participated in the 2015 Quality Showcase including the Office of the Provost, the Global Academy, the Discovery Centre, Office of the Vice-Provost, and Teaching and Learning. We each had posters with information about our offices and did three-minute presentations to small groups who circulated throughout the displays. Shown here is the poster from the Office of the Provost.

The Scholars at Risk (SAR) program and visiting scholar Hossein Raeesi were honoured in the House of Commons on International Human Rights Day in December. Gary Anandasangaree, MP for Scarborough-Rouge Park, took the opportunity to highlight the work that Carleton University and the University of Ottawa are doing through the SAR program. Also shown in photo (l to r) Carleton Professor Melanie Adrian, Hossein Raeesi, Gary Anandasangaree, John Packer and Viviana Fernandez. John and Viviana are Director and Assistant Director respectively from the Human Rights Research and Education Centre at the University of Ottawa.
Capital Educators’ Awards

Carleton was well represented at the 2016 Capital Educators’ Awards. These annual awards recognize individuals in the capital who have made a significant impact on the lives of their students. There were three Carleton winners: Christopher Dieni is a professor at Carleton’s Institute of Biochemistry, as well as a comparative biochemist and physiologist. Martin Geiger is an assistant professor in the Department of Political Science. His research, teaching and writings focus on migration and mobility from an interdisciplinary perspective. Nduka Otiono is an assistant professor at Carleton’s Institute of African Studies. His research interests include cultural studies, oral literature, post-colonial studies, media and communication studies, globalization and popular culture.

Provost and Vice President (Academic) Peter Ricketts (2nd from left) with 2016 winners (l to r) Ndaku Otiono, Christopher Dieni and Martin Geiger celebrate at the Capital Educators’ Awards Ceremony in May 2016.

New Award for Excellence in Learning Support

The Office of the Provost and Vice-President (Academic) and the Office of the Associate Vice-President (Teaching and Learning) are pleased to announce that Rachelle Thibodeau has been named the inaugural winner of the Carleton University Excellence in Learning Support Award. The award recognizes Carleton’s educational support staff members who contribute to the student learning experience in labs, classrooms and many other diverse learning environments across campus. Rachelle, a coordinator of academic support programs with the Centre for Initiatives in Education (CIE), displays impressive effort, innovation and dedication to student learning. Students and colleagues developed a nomination package that highlighted her professionalism, leadership and creativity, expressing that CIE’s programs wouldn’t be the same without her contributions and infectious enthusiasm. She was honoured at a ceremony earlier this year.
2016 Achievement Award Winners Honoured

Faculty, Instructors and Librarians were honoured with achievement awards at an event in April.

Thanks to the members of the selection committees for their participation in this very important endeavour. The process is made ever challenging as the quality of nominees and their accomplishments are impressive and inspiring. The pursuit of excellence in teaching and research are foundations of Carleton University and, without question, our 2016 achievement award recipients excel in their efforts.

Our professors, instructors and librarians are passionate about their work and dedicated to having an impact on their students in our scholarly fields of expertise, in our contributions to our community, and in making a difference by solving real-world problems.

- 2016 Research Achievement Award winners
- 2016 Teaching Achievement Award, Professional Achievement Award, Contract Instructor Teaching Award, and the Contract Instructor Teaching Innovation Grant winners

Global Academy Established

In October 2015, Diana MacKay was appointed as Executive Director of the Carleton University Global Academy. Diana brings extensive international experience to the Global Academy and to Carleton. Her career has included senior roles at the Conference Board of Canada, the World Bank, and a major Japanese manufacturing firm, JSR Corporation.

Identified as a major new initiative within our Strategic Integrated Plan (SIP) and Strategic Mandate Agreement (SMA), the Global Academy will act as a vehicle through which Carleton will develop globally orientated programs and increase its delivery of courses and programs to a global audience. It will be a catalyst for taking existing professional development initiatives in matters of global importance to a higher level of recognition and outreach, as well as providing the stimulus and incentives for new, creative initiatives to deliver global education to a worldwide audience. It will not displace existing
professional development initiatives in faculties. Rather, it is intended to offer a new level of support in the global promotion and delivery of current offerings and to catalyze, facilitate and support new endeavours.

In January 2016, Yvonne Leung joined the Global Academy as administrator. She offers support to Diana and will be responsible for the day-to-day administration of the Global Academy, providing additional capacity for program development and delivery. Prior to coming to Carleton, Yvonne’s work experience included five years at Vancouver’s Capilano University in the Centre for International Experience as the International Partnerships Officer where she developed and administered mobility programs for students, staff and faculty.

While the Global Academy began as an initiative of the Provost, it has now been transferred under the umbrella of the Vice-President (Research and International) to better align with Carleton’s internationalization activities.

Academic Heads Roundtable

Throughout the 2015-16 academic year, André Loiselle, Assistant Vice-President (Academic), and Norah Vollmer, Manager of Faculty Affairs continued to organize sessions for academic leaders. Although primarily focused towards academic unit chairs and directors and library heads, the deans and associate deans are also included in the meetings. Session topics included: sexual harassment/sexual assault prevention policy and dealing with disclosure, our research agenda with Carleton’s new Vice-President (Research and International) Nimal Rajapakse, mental health in the workplace for leadership, a burning issues informal roundtable, a workshop on building collegiality and conflict resolution, and a presentation on indigenizing the academy. The year ended with a debrief on the previous year, planning for the upcoming year and an orientation to which incoming chairs and directors were invited. Complementing the ALF, the Departmental Administrators Leadership Forum holds three meetings per year with administrative staff in the faculty offices and departments/academic units focusing on academic administration issues.

Faculty Career Electronic Systems

Building upon the success of the Contract Instructor System and the new Academic Recruitment and Appointment system, in summer 2016, we will launch a new leaves system to manage faculty leaves including sabbatical and other leaves for which faculty may be eligible in accordance with the Collective Agreement. In a nutshell, faculty, instructors, and librarians will be able to review their academic profile online and submit a request for leave that will be submitted electronically for all approvals. The benefits of the system will be to provide better customer service, reduce duplicate data entry, increase transparency through the tracking of the application status, increase efficiency through online approvals, improve reporting, work from a central data source, and reduce paper consumption. We have received approval to begin work on an online system to manage honorary and affiliated ranks to be launched in 2017.
Discovery Centre

The Discovery Centre continues to focus on expanding opportunities to support undergraduate research. If you haven’t yet visited the Centre on the fourth floor of the MacOdrum Library, make sure to do so. It is a hive of activity for student learning. There was considerable expansion of programs this year. With the help of Brian Burns, another area of focus this year has been community engagement. He took on a role with the Provost Office as Community Projects Consultant for Student Community Engaged Learning. Brian is the former Director of the Institute for Environmental Science and long-time faculty member in the School of Industrial Design. He worked on a number of initiatives to support new opportunities for students to gain experience in community engaged projects and learning, and collaborated closely with Cheryl Schramm, the Community Engaged Pedagogy Group and other associated university groups.

Active Learning in the Discovery Centre

A number of professors held some or all of their classes throughout the Discovery Centre this past academic year.

- Aubrey Anable is a Film Studies professor who used the gaming lab for experiential learning in her 4th year seminar on Video Games and Differences. ([https://youtu.be/1sOiGiGF9RU](https://youtu.be/1sOiGiGF9RU)).

- Melanie Adrian taught Law using the flexible furniture in the Discovery Centre to create scenarios that allowed her students to adopt different physical positions while exploring different perspectives ([https://youtu.be/EB3ypVKWw_U](https://youtu.be/EB3ypVKWw_U)).

- Shawn Graham taught Digital Humanities. He began by using Minecraft in the Gaming Lab but later relocated his graduate course to the Huddle Table, preferring the open, informal and public venue to a closed classroom. Shawn is showing that formal and informal learning spaces are blurring as both instructors and students adopt today’s blurred worlds where people work in local coffee shops as much as they do in regular offices. ([https://youtu.be/MwLo2ezUTXg](https://youtu.be/MwLo2ezUTXg))

- Chantel Trudel is a new faculty member in Industrial Design who coincidentally has professional interest and experience as a designer working in architecture and interior design. “With this experience in mind,” she said, “I couldn’t ignore the evidence on learning, teaming and creation spaces that I had applied to my previous work, to the experience I was about to engage in with my students.”

Chantel Trudel is shown here using the Learning Lab as well as the open areas of the Discovery Centre to conduct her Fall 2015 course, Industrial Design and the User (IDES 3601).

The world’s first Treadmill Writer-in-Residence, Dan Rubenstein, spent the year on one of the two treadmill desks in the Discovery Centre overlooking the Rideau Canal. Dan served as a resource for any Carleton student, faculty member, staff or alumnus who wanted to hop onto the adjacent treadmill to talk about a writing or communications project. The treadmills continue to garner a great deal of interest for visitors.
Another Successful Year for I-Cureus

This past year, the I-CUREUS program supported 40 students in undergraduate research. Their work was celebrated on March 30 with the Discovery Centre Undergraduate Research Conference where 22 recipients presented their work in a poster or a three-minute oral presentation. Each poster described the research objectives, the role of the student in the research and an impact statement by the student. Provost Peter Ricketts attended and wrote later in a Provost Perspective, “I was impressed with the quality and range of research being conducted. All of the students who presented did so with great poise and clarity.”

The National Conference for Undergraduate Research was held in Asheville North Carolina, in April 2016. A record ten students were invited to present at the conference.

The Discovery Centre supported thirty students for international exchanges. Justine Mayhew, HBA Communications commented “My learning at Lancaster has gone far beyond the classroom! I’ve been able to explore England, and have made friends from around the world!”

Provost Scholar Awards

The Provost Scholar Awards were inaugurated in 2014-2015, with the award ceremony being held in the Fall term 2015. Two recipients, Frohan Foroutan and Joshua Eisbrenner, were later invited to speak at the Board of Governors’ meeting in January on the impact of the award. Their words about belonging to the Carleton community and the importance of recognition in turn had impact on the attendees, and were echoed in the following days during discussions on student engagement.

2016 Winner Rhys Jones wrote a letter to the Provost expressing his gratitude for selecting their Health Care Product Design Group as one of the recipients for the Award. “Receiving this scholarship motivates me to continue to work hard and keep growing my profession through research and evidence-based design.... It is a great feeling knowing that my hard work has been recognized and I hope to continue working hard to help improve the lives of others.”

A reception in mid-April attended by supervisors, friends, family and faculty celebrated the recipients of the second cohort of Provost Scholar Award recipients.
Vice-Provost and Associate Vice-President (Academic)

New Program Development

Carleton continues to develop new programs that build on the university's academic strengths and respond to societal needs in furthering the Strategic Integrated Plan. Eleven new programs were approved by Carleton's Senate and, where appropriate, the Ontario Universities Council on Quality Assurance during the 2015-2016 academic year:

- BA Combined Honours in Indigenous Studies
- Master Level Graduate diploma Type 2 in Infrastructure Protection and International Security (IPIS)
- Master Level Graduate diploma Type 3 in Infrastructure Protection and International Security (IPIS)
- Master of Information Technology - Digital Media (MIT-DM)
- Master of Information Technology - Network Technology (MIT-NET)
- PhD in Information Technology - Digital Media (DIT-DM)
- MA and MSc in Northern Studies
- Master level graduate diploma Type 2 in Northern Studies
- Master level graduate diploma Type 3 in Northern Studies
- Post-Baccalaureate Diploma in Accounting
- Post-Baccalaureate Diploma in Cognitive Science

Conclusion of the Quality Council Audit and Ratification of the Revised IQAP

In November 2015, the Quality Council audit of Carleton's Institutional Quality Assurance Process (IQAP) concluded with the receipt of the Auditors' Report. The audit process began in 2013-14, with the submission to the audit team of some 4,000 pages of documentation in December 2013, followed by the site visit March 17 to 19, 2014. The Final Report of the audit team was received by Carleton in September 2014. It contained
four recommendations, to which the university had to respond, as well as 14 suggestions, which could be addressed at the university’s discretion. To date, no other Ontario university undergoing the audit has received less than four recommendations, and Carleton remains the university with the lowest combined number of recommendations and suggestions. Carleton’s response to the Report, which was due in September 2015, was filed with the Quality Council on August 13th, 2015. The response covered both the recommendations and the suggestions contained in the Report.

Carleton’s IQAP, which was first ratified by the Quality Council on May 30, 2012, had undergone an internal amendment process in 2013, and revised version had been submitted to the Council in December 2013. While in January 2014 the Council asked for a small number of issues to be addressed, it was felt that it would be appropriate to wait for receipt of the Final Report of the audit team before resubmitting the IQAP. In 2014-15, the Office of the Vice-Provost finalized the revisions to the IQAP and produced the detailed response to the Final Report of the audit team. The revised IQAP was approved by Carleton’s Senate at its meeting of June 26, 2015, and ratified by the Quality Council on September 25, 2015. The Auditors’ Report on Carleton’s response, received in November 2015, concludes by stating, “the institution’s meticulous response both to the auditors’ recommendations and to its suggestions is clear evidence of the seriousness with which Carleton University views the quality assurance process.”

**Cyclical Program Reviews and Major Modifications to Existing Programs**

In 2015-16, over a dozen cyclical program reviews were completed, with results submitted to the Quality Council before June 2016: the BSc in Earth Sciences, the MA in European, Russian, and Eurasian Studies, the MJ in Journalism, the MA in Applied Linguistics and Discourse Studies, the Master of Social Work, the BA, MA, and PhD in English, the MASc and MEng in Technology Innovation Management, the Bachelor of Commerce, the Bachelor of International Business, the Master of Business Administration, and the PhD in Management. In addition, the Office of the Vice-Provost also conducted the cyclical review of several joint graduate programs with the University of Ottawa, namely, the MASc in Biomedical Engineering, the MASc and PhD in Earth Sciences, the MASc, MEng, and PhD in Electrical and Computer Engineering, the MSc and PhD in Physics, and the Collaborative MSc and PhD in Chemical and Environmental Toxicology. A handful of other cyclical reviews are also nearing completion, including the BA in Greek and Roman Studies, the BA, MA in Canadian Studies, the BA in Economics, the BA in Religion, and the Collaborative MSc and MCS in Bioinformatics with the University of Ottawa.

The Office of the Vice-Provost has also been busy facilitating the development, processing and Senate approval of 73 major modifications to existing programs. The most significant are the following: the Master of Public Policy and Administration - reimagined program with new degree and name; the Bachelor of Communication and Media Studies - reimagined program with new degree and name; Dual degree pathway: MA Economics, Concentration in Financial Economics and MBA, Concentration in Finance and Economics; the Master of Entrepreneurship Technology Innovation Management; the MA in Film Studies - completion options; the Computer Science Industrial Applications Internship Option; and the Bachelor of Economics - reimagined program with new degree and name.

**Involvement with the Ontario Universities Council on Quality Assurance**

In July 2015, Dr. John Shepherd, Vice-Provost and Associate Vice-President (Academic), became a member of the Quality Council, joining Carleton chemistry professor Dr. Jeff Smith on the committee. Carleton is the only university with two members on the nine-member Council. Furthermore, in 2016 Dr. André Loiselle, Assistant Vice-President (Academic), was renewed for a second term as member of the Appraisal Committee of the Quality Council. Jessica DeVries, Manager in the Vice-Provost’s Office, was a
member of the Program Committee for the Quality Council’s Key Contacts meeting, which was held in April, 2016. This meeting is for those three or four individuals in each university who are centrally concerned with quality assurance and its administration, as well as for individuals from the Quality Council, the Quality Council secretariat and the Quality Council Appraisal and Audit Committees. Dr. Shepherd and Dr. Loiselle actively participated in this meeting. One of the main topics of roundtable discussions at this highly interactive event was the issue of learning outcomes assessment, which presents a challenge for Ontario universities. Most participants agreed that learning outcomes assessment is an essential tool to ensure the quality of post-secondary education in Ontario. Carleton’s careful, deliberate, inclusive, responsive and flexible approach to facilitating the grass-root development of program-specific assessment plans seems to be among the more promising emergent practices in the province. Dr. Shepherd is also a member of the Program Committee for the Learning Outcomes Symposium to be held in October, 2016.

**Associate Vice-President (Teaching and Learning)**

![Dr. Joy Mighty](image)

**Online Courses Continue to Grow**

The number of online courses and online course enrolments at Carleton continues to grow substantially. Carleton now offers nearly 180 online courses and two fully online programs – a graduate diploma in Indigenous Policy and Administration and a Masters’ degree in Philanthropy and Non-profit Leadership. Over 10,000 students are completing courses online, representing 19,700 registrations. Carleton is currently developing two additional online programs: a graduate diploma in Program Evaluation, and a post-baccalaureate diploma in Accounting.

![Chart 1: Growth of Online Learning at Carleton from 2009 to 2016](image)
2015-16 External Funding from ecampusOntario

Carleton submitted 34 proposals in response to the Ministry of Training, Colleges and Universities’ eCampusOntario initiative to develop online courses and modules. The university was awarded funding totaling $805,000 to complete 16 initiatives (13 new online courses and three new modules). Carleton received the second most funded initiatives in the province (19 institutions submitted a total of 350 proposals). Over the three-year history of the eCampusOntario call for proposals, Carleton has been very successful, receiving total funding of $1.64 million to develop 31 courses and modules.

Active Learning Classrooms

Construction on Carleton’s first two active learning classrooms (ALCs) were completed at the end of April 2016. These two classrooms are located in Tory and have been purposely designed to support teaching and learning in an environment that engages students to participate actively in their learning.

Tory 213 will be a 42-seat classroom that features student collaboration tables and incorporates a rich technological infrastructure. These technological integrations include flat panel displays at every student collaboration table, wireless connectivity for both students and instructors to display and share materials, virtual desktop infrastructure, and large interactive multi-touch display screens.

Tory 431 will seat 51 students and will include all mobile furnishings (tables, chairs, and writable surfaces). Instructors and students will be able to configure their environment however they see fit. This classroom will integrate some technology with several large multi-touch display panels on the walls of the room. This room will be less technologically intensive as compared to Tory 213.
cuPortfolio Project

cuPortfolio is Carleton’s electronic portfolio system powered by Mahara, an open source ePortfolio software. An electronic portfolio, or ePortfolio, is a student-centered learning tool that allows students to collect academic and co-curricular “artifacts” (course assignments, projects, papers, videos, blogs, images, etc.) to document and showcase their learning journey throughout a course or program.

ePortfolios provide a venue for students to engage in reflective and integrative learning as they make connections between their course work, achievements, and learning experiences. ePortfolios can be shared with peers, professors, and potential employers both to demonstrate a student’s learning process and to provide concrete evidence that they have met specific course and/or degree level learning outcomes.

Approximately 2,000 students have used this tool across 54 courses during the 2015-16 academic year. The next phase in the cuPortfolio project is to pilot the technology in 2016-17 to assist in the collection of evidence to assess program level learning outcomes in the Masters of Social Work program.

Figure 3: Julia Ranallo’s ePortfolio  
Figure 4: Jordan Maclaren’s ePortfolio

Other Activities

- International and national teaching awards: Peggy Hartwick, SLALS, recognized with the Brightspace Innovation Award in Teaching and Learning; Cynthia Cruickshank, MAAE, CMHC Award for Excellence in Education.
- Renewed 25 classrooms with new teaching technologies.
- CU Testing Centre: received certification from the National College Testing Association (NCTA) and generated nearly $150,000 in revenue.
- Enrichment Mini-Course Program: hosted 1,000 grade 8 - 11 students in 60, one-week long courses. Generated nearly $118,000 in revenue.
- Certificate programs: 71 instructors completed the Certificate in University Teaching and 35 instructors completed the Certificate in Blended and Online Learning. Both certificates total 39 hours of commitment by instructors.
• TA Support: hosted 54 TA training sessions, two TA training days, and a TA mentorship program. 1,100 TAs participated in these activities.

• Faculty support for educational technology: 1,500 instructors and TAs received direct support (training, consultation) with using cuLearn. More than 100 instructors were supported with the use of classroom response systems (clickers).

• Processed 350,000 multiple-choice exams.

• cuOpen resources (particularly resources associated with blended and online learning) have been adopted by post-secondary institutions in Ontario and around the world.

• Teaching and Learning Council action teams (1- Career and Skills, 2- Experiential Learning, 3- Pedagogy, Technology and Learning Spaces, and 4- Student Engagement and Satisfaction) continue to develop and support teaching and learning activities around campus.

MacOdrum Library

Wayne Jones

A Hub of Activity

The Library has continued with its regular and essential activities in support of teaching, learning, and research for students and faculty at the university. We have acquired materials of all kinds, from e-journals to printed books to specialized databases and games, and we have responsibly managed our collections budget in the face of challenges from increasing prices and a falling Canadian dollar. Our librarians and subject specialists have provided instruction in classrooms, have answered questions at the desk and by email, and have consulted with students on in-depth queries. Borrowing and interlibrary loan, two of the basic ways that the Library gets all kinds of collection items to its patrons, continue apace. And the Library’s service to provide materials on reserve, and to manage copyright clearances for faculty members while we have (rightly) opted out of an Access Copyright license, is increasing dramatically.

A Strategic Integrated Plan for the Library

There have been some additional activities so far this year that also deserve mention. We have created a strategic plan mirroring the university’s SIP, and have extracted key performance measures from it for the year which we are closely monitoring (and meeting). The Library is always in the service of the university of course, but this year we are making a special effort to more explicitly align with Carleton’s research activity - for example, we are collaborating with CURO on various activities related to research data management, and we have recently hired a Data Services Librarian to be our main liaison.
Copyright and Open Access

The Library provides copyright advice to students, faculty members, and staff, and also monitors activities in the scholarly space related to licensing and clearances. We have also been strong advocates of open access on campus, working closely with OVPRI to dispense a fund for Carleton authors who need support to pay the fees for publishing in some OA journals. The Library continues to co-sponsor (with OVPRI and the GSA) an award for the graduate students with the best articles published in open access journals.

Special Thanks to our Donors

We are refocusing and increasing our development activities in the Library, trying to attract new donors and to keep the ones we already have engaged in the work and life of the Library. We have taken one of our special collections (related to the Ugandan expulsion of South Asians in 1972) on the road to Toronto and Vancouver, attracting 170 and 275 people respectively, along with at least $30,000 in cash donations (we are still counting and appealing). We have revamped the Donor Wall in the Library and made plans for a three-times-yearly modern newsletter for donors, which we plan to launch this summer. And based on their substantial donations, we have dedicated one room in the building to the Carlises and will be dedicating another one later this year to stalwart donor and Library supporter Don Beecher.

Building a Cultural Centre on Campus

We are also positioning the Library as a cultural centre on campus. With support from the President, the Siskind Room has been renovated. It will be furnished and will open later this year. We held the first event of our public reading series, in cooperation with the Ottawa International Writers Festival, with Canadian author B.W. Powe wowing the crowd. The plan is to do this twice a year, in the fall and winter. In support of the readings and of other cultural events (including Freedom to Read) in the Library, we have also revitalized our exhibits – setting them up in various locations in the Library and changing them more often. Plans are underway for a permanent exhibit of books by Carleton authors, which will be refreshed yearly with new titles.

Writer B.W. Powe is interviewed by Carleton Associate Professor Travis DeCook from the Department of English at the Library’s inaugural event in its reading series.

Ottawa City Councillor David Chernushenko chats with Ottawa Resource Room Coordinator Monica Ferguson at the official opening. This renovated space at the tunnel level near the Junction, was opened earlier this year. This is one of the many spaces that our students regularly tell us they love in the building.
Many people stopped by in the reading area on the main floor of the MacOdrum library behind the circulation desk last December to look closely as how this tree of books was put together.

Sprott School of Business

Dr. Jerry Tomberlin

A Year of Successes in Sprott

Sprott had another very successful year in international student academic competitions.

- first place in Van Berkom Small Cap Case Competition held in Montreal
- first place in Network of International Business Schools (NIBS) Worldwide Case Competition held in San Antonio, TX
- third place in the Global Family Enterprise Case Competition sponsored by University of Vermont in Burlington
- all four written submissions to the annual Queen’s University Inter-Collegiate Business Competition (ICBC) were shortlisted and invited to Kingston for the finals with the following results: 3rd place in accounting, 3rd place in business policy, 2nd place in finance, 1st place in MIS.

- finalist in the Universidad de Navarra International Case Competition held in Pamplona, Spain


First-year BIB student Emily Tieu was awarded the Governor General’s Caring Canadian Award for her work in fund-raising for charity, an activity in which she has been passionately engaged since the age of seven. Another proof point that Sprott is a business school that is not only creative and connective, but caring as well!

Carleton’s Lead To Win Program led by Sprott and FED faculty ranked among the top-ten university-based incubators in North America by UBI International.

Sprott PhD grad (2006) Dr. Inta Cinite’s thesis on organizational readiness for change was determined to be the most-accessed dissertation on the widely used on-line ProQuest Dissertation and Theses database.

Sprott welcomed one new faculty member in July. Shannon Butler is an Instructor for our accounting area.

Sprott undergraduate students Karen Tran, Michael Cacho, Alejandro Barreto and Isabela Murillo won the Network of International Business Schools Worldwide Case Competition, hosted by St. Mary’s University in San Antonio, Texas.
Claiming CIS gold

We also like to claim a part of the latest CIS basketball gold! The head coach this year, Rob Smart, is a Sprott grad (BCom, MBA and PhD) ...and... a Sprott prof! He is the only PhD academic/coach in a CIS university. He teaches leadership and teamwork for Sprott! Yet another reason to be proud.

Program Updates

We has a successful launch of the first cohort of our MAcc program. With a full cohort last Spring, we had to stop taking applications in January for entry this Spring because we already had a waiting list of outstanding, straight-A applicants. The second cohort will be even stronger than the first one. We look forward to a high success rate among our first graduates in the CPA Common Final Exams to be written next fall.

Two new pathways for degrees were approved and will be launched in the Fall: MBA/MA in Finance and Economics and the new Master’s of Entrepreneurship in Technology and Innovation Management in the TIM program that already includes MEng and MAppSci degrees.

The Management Certificate for Women, delivered by the Centre for Research and Education on Women and Work (CREWW) was recognized by HR.com’s Leadership Excellence Awards in the category of Certificate Programs with Emphasis on Leadership and Organizational Development. HR.com is the largest global social networking and resource site for human resources professionals with 280,000 members worldwide.

Sprott off-shore MBA programs are more successful than ever with two cohorts each in Bogotá and Shanghai. Students in the Sprott MBA in Bogota, Colombia came to Ottawa last summer for a two-week study tour. The program included visits to organizations such as Export Development Canada and Shopify, as well as guest speakers that included the Colombian Ambassador to Canada, Nicolas Lloreda (front row centre).
Faculty of Arts and Social Sciences

External Awards for FASS Faculty

A number of FASS faculty received accolades for the exceptional research and teaching that they do for our Faculty. Among them are:

- Ruth Phillips, CRC Tier 1, Art History and Institute for Comparative Study in Literature, Art and Culture: Lifetime Achievement Award from the Council of Museum Anthropology

- Brian Foss, Director, School for the Study of Art and Culture: The exhibition catalogue for “1920s Modernism in Montreal: The Beaver Hall Group” (Montreal & London: Montreal Museum of Fine Arts, & Black Dog Publishing, 2015) received the 2016 Melva J. Dwyer Award, which is sponsored by the Art Libraries Society of North America (ARLIS/NA). The award (only one per year) is given “to the creators of exceptional reference or research tools relating to Canadian art and architecture.”

- Brian Foss, co-curator of the exhibit “1920s Modernism in Montreal: The Beaver Hall Group” (with Jacques Des Rochers) awarded the Canadian Museums Association’s Award of Outstanding Achievement for the exhibition that best contributed to increased public understanding in 2015.

- Jeremy Schmidt (Geography and Environmental Studies): SSHRC Impact Award in the Talent Category - first year at Carleton

- Jack Ives, Adjunct in Geography and Environmental Studies: Lifetime Achievement Award of the Sir Edmund Hillary Mountain Legacy Medal

- Norman Hiller, History: for his biography, O.D. Skelton: A Portrait of Canadian Ambition, shortlisted for the Shaughnessy Cohen Prize for Political Writing; The Canada Prize in the Humanities; and The J. W. Dafoe Book Prize

Michel Hogue, History: nominated for Canada Prize in the Humanities, for his book *Metis and the Medicine Line: Creating a Border and Dividing a People* (University of Regina Press). The book explores the agency of the Métis people between the 1800s and the early twentieth century as they moved back and forth across the Canadian-American border.

Erik Anonby, French: Humboldt Research Fellowship for Experienced Researchers

Patricia Smart, French: 2015 Medal from the Académie des Lettres du Québec; also shortlisted for the Canada Prize in the Humanities for her book, *De Marie de l’Incarnation à Nelly Arcan : Se dire, se faire par l’écriture intime*

Myrto Mylopoulos, Philosophy and Cognitive Science: Templeton Foundation Grant – 1st year at Carleton

Pius Andesamni, English and African Studies: Channels Book Club’s Best Nigerian books 2015

Nduka Otiono, African Studies: awarded the Carnegie African Diaspora Fellowship for 2016. He was also honoured with a Capital Educators’ Award in May.

CUAG award: Ontario Association of Art Galleries 38th annual awards (juried) for Innovation in a Collection Based Exhibition

**FASS Students and Alumni Honoured**

College of the Humanities alumna, Saleema Nawaz (BHum/’03), has been named as a Canada Reads finalist for her debut novel *Bone and Bread*.

Allison Smith, a recent graduate student with an MA in Public History, has produced a film called “Mary Ann Shadd Revisited: Echoes from an Old House” that was launched in March, 2016 for International Women’s Day. The launch took place on the Heritage Toronto website as a part of their programming for the day.

Fourth-year student in the Bachelor of Humanities, Roy Sengupta (and student member of Senate) was recently offered admission to an array of prestigious graduate school opportunities, including admittance to Harvard’s the eminent Harvard Law School.

Christen Rachul is the first student to graduate with a PhD in the new program in Applied Linguistics and Discourse Studies. Christen received a Senate Medal for Outstanding Academic Achievement.

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**Walking With Our Sisters**

Presented at Carleton University Art Gallery in partnership with Gallery 101, and with the support of the Walking With Our Sisters Ottawa and National Committees and many volunteers.

25 September – 16 October 2015

Photo: Melody McKiver / Walking With Our Sisters
Faculty of Public Affairs

Interdisciplinary research projects, lively debates, and high-profile lecturers all contributed to a dynamic, collaborative atmosphere within the Faculty of Public Affairs over the past year. These offerings enabled FPA to strengthen its ties with the community and contribute to informed and engaged citizenship both on campus and off.

Inviting in the Public

As part of its commitment to public outreach, the Faculty held its third annual FPA Research Month, which featured 37 events in February and March. The event series was a resounding success with more than 2,000 attendees who visited campus for public lectures, panel discussions, graduate symposiums, and an undergraduate research showcase.

FPA was also honoured to host several high profile speakers over the past year, including the UN High Commissioner for Refugees Filippo Grandi, humanitarian Stephen Lewis, BBC Foreign Correspondent Lyse Doucet, Vice-Chair of BMO Financial Group Kevin Lynch, and others.

Research That Matters

FPA’s commitment to exceptional public policy research was reflected in its establishment of a Legal Decision-Making Laboratory in the Institute of Criminology and Criminal Justice, led by Associate Professor Evelyn Maeder and funded by SSHRC. The Faculty also saw the creation of an Experimental Economics Laboratory, led by Assistant Professor of Economics Radovan Vadovič, which was funded by a Canada Foundation for Innovation grant.

The Canada Foundation for Innovation is also funding research in the School of Journalism and Communication to develop new tools that will analyze the interactions between social media data and revolutionary political movements. This research is being led by Assistant Professor Merlyna Lim in the School of Journalism and Communication, who holds a Canada Research Chair in Digital Media and Global Network Society.

Several FPA researchers received SSHRC Insight Development Grants. Assistant Professor Dale Spencer, Department of Law and Legal Studies, is studying law enforcement’s response to sex crimes; Assistant Professor Amanda Clarke, School of Public Policy and Administration, is studying technology policy in North America; and Assistant Professor Martin Geiger, Department of Political Science and Institute of European, Russian and Eurasian Studies, is researching migration and refugee policies.

In addition, two projects in the Department of Law and Legal Studies received research grants from the Ontario Ministry of Community Safety and Correctional Services.
(MCSCS) to study law enforcement’s response to sexual violence on campuses and online. One will be led by Assistant Professor Dale Spencer; the other by Professors Dawn Moore, Diana Majury, Doris Buss, and George Rigakos. The faculty members won grants totalling more than $275,000 for their research, supported by the Government of Ontario’s Sexual Violence and Harassment Action Plan.

**Addressing Global Challenges**

Several colleagues in the Faculty have taken the lead in the area of migration and refugee policy at a time when strong leadership and research is urgently needed. Faculty and students in the Migration and Diaspora Studies Initiative hosted a three-day workshop this fall and a research symposium during *FPA Research Month*, which attracted scholars from all over the world.

Students and faculty members launched the Mobility & Politics Collective, which brings together those most interested in migration research. Its founder, Martin Geiger, an Assistant Professor in the Department of Political Science and the Institute of European, Russian and Eurasian Studies, received a *Capital Educators’ Award* in May.

In addition, the Faculty’s commitment to global, interdisciplinary education was evident in its Bachelor of Global and International Studies (BGInS) program, which was introduced in September 2015 and significantly exceeded enrollment expectations. A joint initiative with the Faculty of Arts and Social Sciences, it offers twelve thematic specializations, with a thirteenth, in Global Media and Communication, coming this fall.

We will also welcome the first cohort for the graduate diploma in Public Policy and Program Evaluation (DPE) in September, which will be administered by the School of Public Policy and Administration (SPPA). It will be the School’s third online degree program, along with the graduate diploma in Indigenous Policy and Administration degree, and the Master of Philanthropy and Nonprofit Leadership.

Each of these efforts reflect the mission of the Faculty of Public Affairs to foster informed citizenship, improve governance and public policy, and build better societies and better democracy.

FPA expanded its outreach with the introduction of an e-magazine, *FPA Voices*, as well as the 75 for the 75th project, which is recognizing 75 FPA alumni in honour of Carleton’s upcoming 75th anniversary. Both can be found at [carleton.ca/fpa](http://carleton.ca/fpa).
Faculty of Science

Exceptional Research Recognition for our Faculty

Including the most recent results from NSERC, Biology now has five faculty members holding Discovery Accelerator Supplements. These supplementary grants are given to researchers whom the evaluation sections feel are poised to make significant contributions to research through the support of these additional funds. Also of note: Dr. Hillary Maddin in Earth Sciences, who recently transitioned to a faculty position from a Banting Fellowship, took up her NSERC award and Accelerator Supplement this past fall (exceptional for an early career researcher). Dr. Yiqiang Zhao in the School of Mathematics and Statistics also received an Accelerator Supplement this spring, demonstrating the exceptional strength in research across the Faculty.

There was a ground-breaking ceremony in the fall for the new health sciences building. This exciting project, scheduled for completion in the fall of 2017, will provide new teaching, research, and collaborative space for the departments of neuroscience and health sciences.

Making the first dig in December 2015 (l to r): Nimal Rajapakse (VPRI), Peter Ricketts (Provost), Christopher Carruthers (Vice-Chair, BofG), Malcolm Butler (Dean of Science), Pradeep Merchant (BofG), Roseann O’Reilly Runte (President)
Opening of Mass Spectrometry Centre

The Carleton Mass Spectrometry Centre opened in the fall of 2015, launching a new model for supporting research infrastructure in Science. Launched by Dr. Jeff Smith in concert with the Front Door initiative, the goal is to enhance the connections between Carleton researchers, infrastructure, and external collaborators. So far the model has been a great success, partnering with and supporting the research needs of local businesses such as Broadhead Brewery and Bridgehead Coffee.

Students and Faculty Honoured

Calder Patterson, a second-year student in Earth Sciences, received a Dean’s Summer Research Internship Award at the end of his first year, and spent the summer of 2015 working with our Scientist-in-Residence, Dr. Richard Ernst. Calder presented his work, co-authored with Dr. Ernst and Dr. Claire Samson, at the 2016 Lunar and Planetary Science Conference in Houston and has been awarded a prestigious summer internship with the Lunar and Planetary Institute in Houston – a research institute providing support services to NASA.

Carleton hosted 2015 Nobel Prize winner Dr. Art McDonald in October. Dr. McDonald reached out to Carleton shortly after the announcement of his prize so that he could thank and acknowledge the significant contributions of Carleton researchers to the Sudbury Neutrino Project – the results from which formed the basis of his Nobel Prize.

Dr. David Miller from Chemistry won an NSERC Synergy Award for his innovative work on reducing the impact of the eastern spruce budworm on the forestry sector in eastern North America. This work is a result of his long-standing collaborations with J.D. Irving Ltd.

Dr. Jayne Yack from Biology was interviewed by the BBC about how butterflies sense the world around them and protect themselves from predators. Her work was also featured in a recent issue of National Geographic. It is worth noting the Dr. Yack is one of the Biology faculty members holding a Discovery Accelerator Supplement, mentioned earlier.

Faculty of Engineering and Design

Enrolments and Programs

- Enrollment in engineering programs in 2015-16 increased by 4.5 %, exceeding enrollment targets.
- Engineering applications for 2016-2017 have increased by 7.6 %.
- New BIT Program in Information Resource Management (IRM) will launch Fall 2016 (with Algonquin College).
• Prof. Jill Stoner was appointed as the new Director of the Azrieli School of Architecture and Urbanism.

• Carleton’s multi-disciplinary Institute for Data Science was launched.

New Research Chairs Established

• Carleton and the Jarislowsky Foundation announced a partnership to create the Jarislowsky Chair in Water and Global Health, valued at $4 million.

• CISCO Research Chair in Sensor Technology for the Internet of Things, valued at $1.8 million (Ibnkahla).

• Canada Research Chair (Tier II) in Sensor Systems, valued at $500,000 over 5 years (Rajan).

Recognizing Research in FED

• Two NSERC CREATE awards valued of $3.3 million were successful: Mario Santana (Civil Engineering) in Heritage Engineering and Anthony Whitehead (Information Technology) in Collaborative Learning of Usability.

• Twenty research projects (involving 19 faculty members) spanning one to five years were awarded a total of $2.48 million under NSERC’s Discovery Grant and Discovery Accelerator Supplement Programs.

• The Canada Foundation for Innovation (CFI) and the Ontario Research Fund (ORF) awarded David Lau $5.8 million to establish a multi-hazard test facility for built infrastructure protection and resilience.

• The Social Sciences and Humanities Research Council (SSHRC) awarded Stephen Fai (Architecture) $2.5 million for a “New paradigm / new tools for architectural heritage in Canada.”

• Carleton researchers were major players in several successful Networks of Centres of Excellence program (e.g. AGE-WELL and the Canadian Cardiac Arrhythmia Network).

• Virtual Ventures Program was awarded NSERC PromoScience funding valued at $60,000 over 3 years.

Awards for Faculty and Students and Graduates

• Prof. Emeritus Miles Copeland received the 2016 IEEE Donald O. Pederson Award in Solid-State Circuits.

• Prof. Cynthia Cruickshank received the CMHC Award for Excellence in Education.

• Prof. Adrian Chan received the Outstanding Biomedical Engineer of the Year Award.

• Prof. and Canada Research Chair Banu Örmeç received the Partners In Research Engineering Ambassador Award.
• Distinguished Prof. Monique Frize received a Lifetime Achievement Award from Canadian Medical and Biological Engineering Society

• Prof. Q. J. Zhang was named a Fellow of the Canadian Academy of Engineering.

• Prof. Jagmohan Humar received Carleton’s A.D. Dunton Alumni Award of Distinction.

• BIT graduate Eric Chan received Carleton’s Young Alumni Achievement Award.

• Aerospace alum Jim MacLeod received a NATO award (von Kármán Medal).

• Virtual Ventures was awarded the Actua Experience Award for our Girls Outreach program.

• Engineering and Design students won first and third place at the 2016 Innovative Designs for Accessibility (iDeA) Competition (as well as the top two prizes at the 2015 competition).

• Engineering students placed second at the 2016 CanSat Competition.

• Fourth-year Civil Engineering student Brandon Robinson won Undergraduate Co-op Student of the Year.

• Third-year Electrical Engineering Sajeda Almalki, won FED’s Women in Engineering Co-op Student of the Year.

Events and Outreach

FED continued its acclaimed “Ingenious Talks” speaker series, which engages the community in discussions of timely and innovative ideas in engineering, design and technology. This year’s topics focused on how sensors are being integrated into a wide array of technologies, such as aircraft engines and wearable devices. Speakers also discussed how sensors are being utilized to create intelligent infrastructure and to develop environmental solutions. Additional events were held throughout the year with industry experts to address on-going research and developments.

GM Canada President and Managing Director, Steve Carlisle (in vehicle), visited Carleton in March 2016 as part of the company’s efforts to find and drive innovation for the future of “connected” automobiles.
Faculty of Graduate and Postdoctoral Affairs

Dr. Matthias Neufang

Graduate Enrolment Growth

There has been graduate enrolment growth while maintaining a high GPA average of new students. The chart below compares Fall 2015 with Fall 2013.

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<tr>
<td>International</td>
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Future of the PhD in the Humanities in May 2016

Under the direction of Associate Dean Paul Keen, FGPA organized and hosted a conference in May 2016 on The Future of the PhD in the Humanities. Over 30 universities (from coast to coast) and related institutions participated, including CAGS, the Canadian Federation for the Humanities and Social Sciences, Mitacs, and SSHRC. The event brought together 150 participants, including over 30 graduate students from across Canada. It was a great success, full of inspiring presentations and stimulating discussion.

Participation in TRaCE

This is a nation-wide project to track graduates from PhD programs in the Humanities over a ten-year span in order to learn more about non-academic career paths, and then to find ways to integrate these graduates back into Carleton departments to share this knowledge. From Carleton’s perspective, the project relies on two lines of collaboration: with 25 universities across Canada (Carleton was a co-applicant on the SSHRC grant which supports this initiative), and within the university, with the History Department and Cultural Mediations program, which are taking part in this process.

Bootcamps and Workshops

FGPA was busy engaging students with a number of workshops and activities throughout the year. They organized Thesis Writing Bootcamps at the PhD level, which were met with tremendous interest from graduate students.

FGPA had great success with the creation of Accelerated Pathways from Undergraduate to Master’s programs for outstanding students, in the context of the Provost’s Task Force on Enrolment, Retention and Program Renewal. To date, 16 academic units (across four Faculties) have opted in.

FGPA organized Careers Outside Academia - Professional Development Day, held in November, 2015. This very successful event featured a panel of Carleton graduate alumni speaking about their career, as well as a workshop offered by Co-op and Career Services.
CUPA Bargaining and First Collective Agreement

In March, 2016, Carleton University ratified its first collective agreement with the Carleton University Postdoctoral Association (CUPA) as represented by the Public Service Alliance of Canada (PSAC). Dean Matthias Neufang, responsible for postdoctoral appointments and the university spokesperson at the bargaining table with CUPA, was very pleased with the outcome. “We believe the result is a fair and reasonable contract for postdoctoral fellows and the university. The agreement supports a very positive climate for continued collaboration,” said Dr. Neufang.

Enhancing Communications Strategy in FGPA

- FGPA has produced over 150 videos on Carleton’s Graduate YouTube Channel. These have been viewed more than 78,000 times. The videos include 23 new ones since July 2015.

- We have well over 1,500 followers on Twitter.

- FGPA’s Current Grad Students website in 2016 has had twice the number of visitors over the previous year (data as of February 2016 vs. May 2015).

- The number of sessions for FGPA’s Graduate Admissions website increased by close to 16%, which is remarkable as the site was already and is currently in the top 10 of all university websites.

- Stories and videos about topics such as graduate student research, new programs and new initiatives were provided to relevant graduate administrators and communications officers for posting on their Department and Faculty websites.

- Annually, we produce 22 issues of TheGraduate@Carleton Newsletter. Every issue features stories about graduate student research. The stories are then shared with relevant Departments and Faculties for their websites and newsletters, as well as forwarded to the Department of University Communications for University Homepage Spotlight items. We tweet these out, in particular to certain relevant people so they will retweet. Some of these stories are also shared with the Office of the Vice-President (Students and Enrolment) for posting on their Current Students website.
• We ran a four-month Social Media Campaign. Our Facebook ads had 13,366 clicks and 2,348,610 impressions, our Google ads 2,726 clicks and 233,107 impressions. We also ran a special two-month Campaign featuring our newest graduate programs. Already during the first month, this Campaign led to more than 12,000 clicks on Facebook and Google. We also continued to place ads in the Charlatan and the Fulcrum.

• Relevant information about significant initiatives, events and our new graduate programs is featured in Today@Carleton.

• We hosted several online and in-person sessions for prospective students. We are also continuing to hand out marketing material at orientations and to graduate student groups hosting events on campus. Along with our brochures, postcards and zaps, these help promote our brand.

• In 2015-16, FGPA participated in 17 Graduate Recruitment Fairs across Canada.

• In 2015-16 the University Homepage presented 39 Spotlights and 8 Full Feature Stories provided by FGPA, emphasizing in particular graduate recruitment and reputation.

**Celebrating Student Awards**

Selected prestigious graduate student award winners in 2015-16:

• Two Vanier Canada Graduate Scholarship winners (1 NSERC, 1 SSHRC)

• One Fulbright Canada Student Award winner

• One of Five National SSHRC Storyteller Competition winners

• Graduation of first PhD Cotutelle student, Jaron Crann, in Fall 2015. He also won a Carleton University Senate Medal, and was a student of Dean Matthias Neufang.