DEAR FRIENDS,

It has been another brilliant year at the Queen’s School of Computing. I am extremely proud of what the School has accomplished in such a short period of time. This newsletter will give you a glimpse of the talent, creativity, and dedication demonstrated by our students, staff, and faculty over the last twelve months.

Five years in the planning, the new Human Media Lab finally opened its doors in spring 2012. In a spectacular setting by internationally known designer Karim Rashid, researchers are imagining the future of human-machine interaction. Gaze-operated walls, a hallway that recognizes its visitors, a giant flexible screen, and a three-dimensional teleconferencing facility are but a few of a multitude of innovative interfaces to be found on the third floor of Jackson Hall (the latest of the School annexes).

Once again this year, our graduate students held a successful conference organized by graduate students for graduate students. The Queen’s Graduate Computing Society Conference was an opportunity for our Master’s students and Ph.D. candidates to showcase their research work to their peers. In addition to student presentations, the program included a poster session, invited keynote talks, a panel discussion, a programming competition, and a social event. It was, by all accounts, a well-planned, instructive, and vibrant conference.

Since its inception right here in the Queen’s School of Computing, the Ontario Celebration of Women in Computing conference has thrived. Every fall, the conference is held in another location, and every year the School sends an impressive representation. This year was no exception as Wendy Powley tells us in her report.

With your support, the Queen’s School of Computing is, today more than ever, one of the best places in the world in which to work, learn, invent, and grow.

Very best wishes for 2013,

Selm G. Akl,
Professor and Director,
School of Computing,
Queen’s University

Creative Computing
A full day highlighting the amazing creative accomplishments of our students

WISC Highlights
From ONCWIC 2012 to the first Equity Award, read about this year’s initiatives.

School of Computing Class of 2012
Greetings from COMPSA

Dear Alumni and Friends,

It gives me great pleasure to be able to address all of you as the new representative of the Computing Students’ Association. Having the opportunity to speak to those who helped turn the School of Computing into what it is today is an incredible privilege. Allow me to describe for you the ongoing activities of the 2012-2013 year.

Starting with Orientation week, we once again had an amazing turnout. After months of intensive planning, the Tech Committee welcomed the class of 2016. It is safe to say that all incoming students have been properly welcomed into the School of Computing, to their student government, and to the Queen’s Community. The sense of belonging that comes with joining the Computing family never ceases to amaze me.

Continuing from previous years, our Alumni and Guest Speaker program is ongoing. This is an influential event encouraging students to seek information on a number of topics and fields. Would you like to be a part of the Alumni Speaker Program? Would you like to talk to current Students about your experiences? Please feel free to contact me at any time.

We continue to offer our annual events including our Semi Formal, End of Year Banquet, Annual LAN Party, Weekly Coffee with Profs, The Buddy Program, Internship Talks, Secret Santa Pot Luck, Trivia Night, and many more. We are also continuing our participation in various conferences including CUSEC, ONCWIC, and CS Games.

We are very proud to finally offer a service to the Queen’s and Kingston Community. COMPSA Site Services focuses on Web Design, specifically making Web Sites for various groups throughout Queen’s. Working with other faculties as well as clubs and Student Initiatives, we now have the opportunity to strengthen our relations with various groups outside of computing, as well as give our students experience in a specific field.

Our Council this year is full of talent and is as eager as I am to bring you and our students another great year. Our main objective: to maintain the Computing family we have all grown to love.

Best Regards,

Elizabeth Lappin
Greetings from the GCS

The graduate program in the School of Computing is one of the largest at Queen’s. To represent the students in the program within the School of Computing and the broader Queen’s community, the Graduate Computing Society (GCS) has been established and is run by the GCS Council*. The main goal of the current council is to maintain the GCS presence in formal and informal activities inside and outside the School of Computing. The formal representation of our interests is achieved through membership in committees in the School as well as in the Society of Graduate and Professional Students (SGPS). Also, the GCS supports the informal representation of its members with various professional and social initiatives.

The biggest of our initiatives is the 4th Queen’s Graduate Computing Society Conference (QGCSC 2013). Following the successful event last year, we plan to have the two-day conference in early May. The main goals of the conference are to enable the graduate students to present their research in a friendly environment, to network and to foster new research collaborations. We hope that, with your help, the 4th QGCSC will again be successful in reaching these goals.

GCS is very keen on improving social ties within the School and on making the School a fun and friendly place for everyone. To achieve this, GCS plans to maintain the social activities from the previous years: managing coffee breaks, organizing movie nights, bowling, and laser tag trips. Additionally, we plan to organize a Holiday party and live performances at the Grad Club, as well as other social activities. We hope it will be a lot of fun and that every graduate student will find something attractive.

Check your email — you will hear from us!! Karolina Zurowska and Roman Suvorov (on behalf of the GCS)

*GCS Council for 2012-2013 is Karolina Zuwowska and Roman Suvorov - the GCS Executive; and Mark Fischer, Paul Geesaman, Tauhidul Islam, Doug Martin, Simrin Nagpal, Layan Nahlawi, Sharief Oteafy, Eric Rapos, Melissa Trezise - the GCS Officers.

Queen’s Graduate Computing Society Conference 2012

The third Queen’s Graduate Computing Society Conference 2012 (QGCSC 2012) took place in May. The conference, as it has been since the first edition in 2009, was a celebration and showcase of research done in The School of Computing. This included presentations from many different areas of computing: software engineering, game development, human computer interactions, networking, biomedical computing, and many others. This year we had 60 participants and 30 presenters. The program included several distinguished speakers:
- Dr. Steve Easterbrook (University of Toronto) – who applies software engineering to climate modeling,
- Dr. Esin Kiris (CA Technologies) – who shared her experiences in industrial practices of human computer interactions,
- Dr. Selim Akl (Queen’s University) – who discussed unconventional computing and why it is important for all of us.

In addition to keynote speakers, QGCSC 2012 featured posters and presentation sessions by our graduate students, and a riveting panel discussion, “Social Media in Computer Science: Is it Here to Stay, or a One Hit Wonder?” The panel consisted of our guests, Steve Easterbrook and Esin Kiris, and members of the School, Jim Cordy, Wendy Powley, and Scott Grant. The panelists discussed why social media is important and how it may change science.

QGCSC 2012 was organized by graduate students in the School of Computing and was sponsored by CA Technologies, local companies iStorm and GoSaBe, The School of Graduate Studies, Society of Graduate and Professional Students, Student Affairs, and the School of Computing.
Canada Research Chair Awarded to Mohammad Zulkernine

The School of Computing is delighted to announce that Professor Mohammad Zulkernine has been awarded a Canada Research Chair in Software Dependability (NSERC, Tier 2). The CRC also comes with funding from the Canada Foundation for Innovation. We congratulate Mohammad on this important recognition of the excellence of his research. We also extend thanks to the Office of the Vice-Principal (Research) and to the Faculty of Arts and Science for their support.

When asked, Dr. Zulkernine had this to add: “I am honoured by the appointment,” he says. “It will help me and my students enrich the already excellent software engineering research in the School of Computing by addressing the challenges in making software more dependable.”

Sixth international conference on tangible, embedded and embodied interaction

TEI2012 held in Kingston, hosted by the Human Media Lab

The sixth international conference dedicated to presenting the latest results in tangible, embedded, and embodied interaction, was held in February at Queen’s and hosted by the School of Computing’s Human Media Lab.

The work presented at TEI addresses HCI issues, design, interactive art, user experience, tools and technologies, with a strong focus on how computing can bridge atoms and bits into cohesive interactive systems. The intimate size of this single-track conference provides a unique forum for exchanging ideas and presenting innovative work through talks, interactive exhibits, demos, hands-on studios, posters, art installations, and performances.

This year’s conference featured submissions in the area of Organic User Interfaces (OUI). Reflecting this, the theme of this year’s conference was “fold unfold”. Queen’s School of Computing professors Roel Vertegaal and Nick Graham, from the Human Media Lab and EQUIS Labs, respectively, featured prominently throughout the three-day conference held at The Grand Theatre and at several locations on campus.

Roel and the HML in particular should be congratulated for hosting such a well-run, high-profile event.
Wendy Powley Becomes First Recipient of Queen’s Employment Equity Award

The School of Computing’s own Wendy Powley was awarded the first ever Queen’s Employment Equity Award for her work in the cause of women in computing. Provost Alan Harrison presented the award to Wendy in a ceremony sponsored by the Queen’s University Equity Office and held on January 25th with many of her co-workers present. Well done, Wendy, and congratulations!

ONCWIC 2012—Western University Edition

On October 12th, the women of WISC journeyed to the Ontario Celebration of Women in Computing conference, which was hosted by the Women in Computing at Western University. We left Kingston with 29 women. In Toronto, we picked up 20 more women from U of T, Ryerson, York, and Kuwait University (small detour to Kuwait).

Highlights of the Conference Included:
• A talk on communication tips by the NSERC Chair of Women in Science and Engineering
• An amazing keynote by Kelly Irwin from TD on IT management and development in the financial industry
• Useful information from Morgan Stanley about resume writing and job interviews
• A talk on technology trends from IBM
• Student posters and presentations
• A social media contest that had attendees climbing under dessert tables and more
• The Morgan Stanley programming competition — with first prize being won by our very own Lili Wang! Congratulations, Lili — well done!
• Career/industrial fair with prizes & on-site recruiting
• Plenty of opportunity to connect and network with other technical women in Ontario

Queen’s was very well represented with 33 of the (approximately) 120 attendees.

We definitely have a reputation as the place for women in computer science!

The conference was incredibly satisfying for those of us who created the first ONCWIC in 2010. It is exciting to watch the conference grow, mature and flourish. Waterloo is committed for 2013 and there are already three universities interested for 2014!

No doubt ONCWIC will continue to thrive.

International Women’s Day Celebration

The Women in the School of Computing hosted a fascinating panel discussion as a part of our celebration of International Women’s Day on March 8. Panelists discussed their varied work experiences — both in academia and in industry. The relative merits of obtaining a graduate degree or entering the workforce immediately following undergraduate studies were discussed. Attendees had ample opportunity for questions and were keen to add their experiences to the discussion.

Moderated by Karolina Zurowska, panelists were:
• Dr. Anne Condon (University of British Columbia)
• Dr. Maria Velez-Rojas (CA Technologies)
• Dr. Kelly Lyons (University of Toronto)
• Dr. Diane Kelly (Royal Military College)
• Ms. Katie Legere (Queen’s University)
• Dr. Sarah-Jane Whittaker (GoSaBe)
Creative Computing Exhibition

An exhibition of computing art and research was held on the afternoon of April 5 at the BioSciences Atrium. The event featured the 4th Annual Computer Art Exhibit from this year’s students of COCA 201, projects in Game Design and Game Technology from students in CISC 226 and CISC 877, and poster presentations from our fourth year students based on their major undergraduate research projects. In addition, special guests from Frontenac Secondary School’s ‘CyberFalcon’ Robotics team were on hand with their impressive basketball-throwing creation. The event was, by all accounts, an outstanding success.

Sincere thanks to the many people who contributed to the organization of the exhibition, including Nick Graham, who conceived the combined event, Tom Bradshaw, Ben Hall, and Dave Dove, with special mention to Ben, who also arranged promotional material for the event, Geoffrey Seaborne and Scott Grant, who managed logistics for COCA 201 and CISC 226, Bob Crawford for CISC 499, Mike Ounsworth, who arranged the robotics demo from Frontenac Secondary, Richard Linley who organized the printing of a roomful of posters, and, of course, Irene LaFleche, who herded all the cats to coordinate the event itself.

Augmented Reality: TeleHuman

The Human Media Lab at Queen’s has developed a human-size 3D videoconferencing pod that allows people in different locations to videoconference as if they are simply standing in front of each other.

“Why skype when you can talk to a life-size 3D image of another person?” says Computing Professor Roel Vertegaal.

Virtual World Offers Real Opportunities for Children with Cerebral Palsy

A virtual world that allows children with cerebral palsy (CP) to socialize, exercise, and engage in collaborative games from the comfort of their own homes may soon be a reality, thanks to pioneering research by Nick Graham’s EQUIS Lab.

“The level of excitement about this project is unlike anything I have ever experienced,” says Nick. “The kids are just so excited to get this game and try it.”

Their research will help address difficulties encountered by children with CP in getting involved in traditional exercise.

Goodwin Hall: Open for You!

The School of Computing would like to thank the dozens of volunteers who worked tirelessly throughout the year to represent Computing at Queen’s. Whether at the Fall Previews, programming competitions, the March Break Open House, or our CSEd Open House in December, Goodwin Hall is always open to new visitors.
A new futuristic Human Media Lab, designed to inspire students through a creative and flexible workplace environment, opened in May. The lab serves as one big interactive playground, allowing students to hack and experiment with the architecture and space as a user interface.

Computing professor and Queen's Human Media Lab director Roel Vertegaal collaborated on the laboratory’s design with New York-based Karim Rashid, who Time magazine calls “the most famous industrial designer in all the Americas.”

“We believe it is important to surround graduate students with great, inspirational room design. A stimulating room produces stimulating ideas. So we created the world’s first boutique laboratory,” says Dr. Vertegaal.

The new laboratory features space to think, a cantilevered table to collaborate around, and pods and offices for focus work. Walls and windows are flexible and curved, rather than straight and flat.

One of the laboratory’s main features is a 16-by-9 feet interactive flexible display with gesture technology. Users in front of the wall-sized display use in-air gestures to control the user interface by moving objects around the screen.

This may be the way people interact — with future computers seamlessly integrated into their surrounding space. Eye trackers recognize when people in adjoining cubicles are looking at each other, automatically turning the translucent glass between them transparent for communication.
The 2012 School of Computing Awards

On the afternoon of April 4, 2012, a large crowd gathered in Goodwin Hall on the occasion of the 4th Annual Queen’s School of Computing Awards ceremony. The awards were created to recognize excellence in various forms of endeavour, an opportunity to celebrate the contributions of those in the school who distinguished themselves through their exceptional work, and as an opportunity to say thank you to those who made a difference in School life. The awards were presented by Selim Akl, Director of the School of Computing.

Congratulations to this year’s recipients:

- The COMPSA Howard Staveley Award for Teaching Excellence: Mary McCollam
- Ph.D. Research Achievement Award: Xiaoxue Piao
- Graduate Student Distinguished Service Award: Karolina Zurowska (honourable mentions to Andrew Dickinson and Eric Rapos)
- Distinguished Graduate Supervision Award: James Stewart (honourable mentions to Juergen Dingel and Damian Redfearn)
- Distinguished Service Award: Lynda Moulton (honourable mentions to Tom Bradshaw and Tamas Ungi)
- Award for Outstanding Contribution to School Life: Charlotte Blinston
- Award for Excellence in Teaching Assistance: Simrin Nagpal
- Distinguished Thesis Award: Shane McIntosh (honourable mention to Creag Winacott)

Third Annual Queen’s Computing Invitational High School Programming Contest

Area high schools entered six teams of students in the Third Annual Programming Contest, hosted by the Queen’s School of Computing. The event, held in March and again organized by Richard Linley, is hosted in co-operation with the Limestone District School Board, and the Algonquin & Lakeshore District Catholic School Board. The contest consisted of a set of four programming problems which the teams had to solve in just three hours.

The winning team was from St. Theresa Catholic Secondary School of Belleville, coached by Mr. Daniel Tie Ten Quee.

The top teams from the contest went on to compete at the next level of the Educational Computing Organization of Ontario’s programming contest. Well done, all, and thanks to Richard for organizing!

Aboriginal Discovery Days Event at the EQUIS Lab

Several prospective students attended the EQUIS lab on May 15 as a part of the Aboriginal Discovery Days event at Queen’s University. Representing the School of Computing, the lab demoed two of their current projects to the prospective students. Participants were invited to play Liberi and Liberi Live to learn more about the lab’s game orchestration project and the CP Fit N’ Fun project.

QSC Doctoral candidate, Cheryl Savery had this to say about the event: “Thanks Hamilton, Mrunal, Michelle, and Eric for helping out with the demos for Aboriginal Discovery Days … And thanks Zi for providing such a great demo with Liberi.”

“The kids all seemed to have an amazing time. So much so that they didn’t want to leave the game orchestration when time was up, and they were begging to play just one more game in Liberi. Liberi looked great with five kids all playing in the same room at the same time.”
Interdisciplinary course in entrepreneurship and software development—Unique to Queen’s School of Computing

PhD Candidate Doug Wightman has created a course for undergraduates at Queen’s School of Computing which is unique to post-secondary education across Canada.

When Wightman was an undergraduate, he co-founded several startups and raised seed rounds, including Xuuk (a PARTEQ startup) and MotionSketch.com, with a client list including Nokia and Rogers, among others. He completed two honours undergraduate degrees in Business and Computing. Finding almost no overlap, he needed to take 7 courses each term. “It was crazy, but wonderful,” Wightman says.

Returning to Queen’s for his PhD and teaching courses in Computing, he found students asking his advice about building businesses. Through conversations after class and a role as an advisor for an entrepreneurship club, Wightman saw the demand sufficient to launch a new class catering to this audience: driven, creative students who want time and support to pursue a commercially viable idea.

Wightman describes the structure of the course: “The studio + seminar design was inspired from experiences in design school classrooms. The weekly check-in and class feedback components come from a sequence of Stanford MBA courses that I completed while finishing my Masters, and the lean startup methodology, in which each team continuously builds upon a focused problem statement by generating simple hypotheses and then testing them, comes from recent industry-driven developments in our understanding of how to develop, launch, and scale a software business.”

The School of Computing approved the curriculum and the new course was launched in January, 2012. The class filled quickly and often went overtime as students stayed on to talk. The course is now being made available for the second consecutive academic year. Students “literally jumped with excitement” Wightman states, “It’s hard to describe the joy of participating in this.”

New Course Will Explore How Our Gadgets Work — Looking Behind the Screen: The Mathematics of Information Technology

A new, multidisciplinary course delving into the mathematics behind the gadgets and online tools we use every day launches this winter, and will be open to the wider community.

The course marries theoretical and practical knowledge, and shows how grasping both can lead to ideas with the potential to transform society.

Selim Akl, Director, School of Computing, and Ram Murty, Head, Department of Mathematics and Statistics, will teach the course jointly, exploring theories that feed online programs such as Google, and practical devices such as digital cameras, mobile phones, and GPS units.

“We want to show how things we do every day; how devices we use every day, are driven by simple mathematics.”

Dr. Akl and Dr. Murty wanted to blend their respective disciplines to give students a broader perspective. They hope students come away with a better appreciation of the beauty behind technology, its transformative effects, and how their ideas and research can have substantial impacts both in the long and short term.

“We want to foster the idea of using technology for the betterment of the human race,” says Dr. Murty. “This type of interdisciplinary course energizes students to think along these lines.”

The course, “Looking Behind the Screen: The Mathematics of Information Technology,” will be offered in the evening, at both the undergraduate and graduate levels. Its prerequisites are minimal, equivalent to first-year courses in mathematics and computing.
Selim Akl Receives the Award for Excellence in Graduate Student Supervision

The award, presented by the School of Graduate Studies, recognizes two professors every year for their outstanding achievements as researchers and mentors to graduate students. A student (or students) can nominate a professor for the award; the winners are chosen by a committee of students, staff and faculty members.

“Students are the heart and soul of my research,” says Dr. Akl, “Without them, it would be a very dull place. They keep me up to date, and I learn from them as much as they learn from me.”

Dr. Akl has supervised 68 graduate students since he began teaching at Queen’s in 1978. He remembers his first student, Stephen Wismath, who started his Master’s at Queen’s in 1978 and now teaches at the University of Lethbridge. In an interesting twist, more than 30 years later, Dr. Wismath’s daughter, Alice, studied with Dr. Akl as an undergraduate student and created a popular computer game, Quantum Chess, based on ideas and a paper by Dr. Akl.

Fostering a collaborative, collegial atmosphere within the School of Computing is very important for Dr. Akl. He created weekly gatherings for all of his graduate students, where each week a student makes a presentation on their work, something they’ve read or a problem they’re trying to solve. The meetings help students network and build confidence as public speakers, and they have become very popular in the school, with other professors and students joining in.

Ian Lawson van Toch Memorial Ride

Ian Lawson van Toch was a very active and visible member of the School of Computing community, who brought much joy and fun to the hearts of many of us in his time here as an undergraduate student and founding COMPSA member from 2003 until 2007, when he joined the Department of Medical Biophysics at the University of Toronto.

Sadly, Ian passed away suddenly, shortly after moving to Toronto. He famously posted on Facebook, “I’m using computers to cure cancer - what are you doing for the summer?” only a week before his passing. The memorial bench (pictured above with Team Ian) in front of Goodwin Hall summarizes Ian’s attitude toward life with a quote from Thoreau: “Rise early before the dawn, and seek adventures”

The Ian Lawson van Toch Cancer Informatics fund at the Princess Margaret Hospital in Toronto was created in Ian’s memory to fund summer internships in cancer research for 3rd and 4th year biomedical computing students, to give them the same kind of opportunity that Ian had that summer.

This August Ian’s father John organized the first annual Team Ian Ride, a cycling challenge of more than 280 km from Kingston to Hudson, Quebec, in his memory. Fourteen riders, including School of Computing Prof. James Cordy, completed the Ride with the support of fifteen outstanding crew members including Prof. Janice Glasgow, who did an outstanding job with local arrangements in Kingston. Thanks to generous donations from School members and alumni, family, and friends, the Ride raised over $30,000, enough to complete the permanent endowment of the first Ian Lawson van Toch Memorial Internship.

http://www.team-ian.org
How We Roll

Congratulations to David Rappaport
David Rappaport’s work with his students on compressing and enhancing 3-dimensional digital scans of dinosaur bones has received coverage on the Queen’s News Centre, the Queen’s Journal, CBC Radio Canada and on CKNW radio (Vancouver).

David Skillicorn: In the News
David has been cited many times over the past year for his expertise in the field of cyber security. His comments were featured everywhere from CBC Radio to international news outlets in print and online.

Gabor Fichtinger’s PERK Lab in the news
Gabor Fichtinger’s team in the PERK lab has developed innovative imaging software which increases the effectiveness of a widely used prostate cancer treatment option by focusing radiation treatment on target areas and reducing radiation damage to surrounding tissue. The news was featured on CBC Radio and other news outlets.

Pat Martin’s Work in Data Analytics Featured in Queen’s News Centre
Patrick Martin (School of Computing) is creating a new data analysis program designed for scientists and researchers working in the health, energy and environment sectors. This is a developing story that we’re sure to hear more about in the coming year.

Biomedical Computing Discovery Day 2012
Tamas Ungi, Jennifer Andrea, and Eric Moult of the Queen’s School of Computing Perk Lab (Gabor Fichtinger, Director) held a workshop at an event organized by Health Sciences on the occasion of Discovery Day 2012 held at Queen’s University on Wednesday May, 16th.

Congratulations to Nicolas Bettenburg (PhD Candidate) and Mei Nagappan (Post-Doctoral Fellow) of the Dr. Hassan’s SAIL Lab

What do the Canadian Highway Network and Slime Mould Have in Common? Selim Akl Provides Insight...
Selim’s work in unconventional computation was widely covered in the news. He posits the similarities between the design of the Canadian Highway Network and the behaviour of slime mould. Dr. Akl was featured in The National Post, ScienceDaily.com, Physorg.com, Scientific Canadian, PBS, and most recently in Popular Science Magazine.

Congratulations again to Selim Akl, for his second five-year appointment as Director of the School of Computing
“My heartfelt thanks to all those who offered their good wishes on the occasion of my re-appointment as Director. The Queen’s School of Computing is truly a wonderful place, and it is an honor and a distinct privilege to be at its service. I look forward to working with all of you. Together we will bring the School to new heights of excellence.”

Congratulations to Ahmad El Kouche and Hossam Hassanein
Ahmad and Hossam received a Best Paper Award at the Third International Conference on Ambient Systems, Networks and Technologies (ANT-2012), held in Niagara Falls, August 27-29, 2012, for their paper “Ultrasonic Non-Destructive Testing (NDT) Using Wireless Sensor Networks”.

Queen’s School of Computing Wins Silver at ACE The 8th International Conference on Advances in Computer Entertainment Technology
Queen’s School of Computing graduate student Jason Kurczak won a Best Paper Silver Award at the conference for his paper: “Hearing is Believing: Evaluating Ambient Audio for Location-Based Games” co-authored by T.C. Nicholas Graham, Claire Joly, and Regan L. Mandryk.

Congratulations to Ghean Selim, Shige Wang, Drs. Cordy and Dingel
Their paper “Model Transformations for Migrating Legacy Models: An Industrial Case Study”, won a Best Industrial Paper Award at the 8th European Conference on Modelling Foundations and Applications (ECMFA) held in Lyngby, Denmark in July. Well done!

Randy Ellis Receives International Collaboration Award
Randy Ellis has been awarded a Japan Society for the Promotion of Science (JSPS) Invitation Fellowship to collaborate with researchers at Osaka University.

Telecommunications Lab in the News
The Telecommunications Research Laboratory (Dr. Hossam Hassanein, Director) was featured in the Edmonton Journal. The article describes how members of the lab have implemented a network of sensors and smartphones to monitor Syncrude Canada’s tungsten-topped vibrating screens.
We appreciate the following alumni, faculty, staff and friends who directed their Queen’s University gifts to the School of Computing. Listed below are our benefactors over the past 12 months. These donations are making a difference! Annual Giving can help us attract outstanding students and continue our outreach program.

To make your gift today, please visit www.givetoqueens.ca/computing

We are very grateful to have supportive alumni and friends who are inspired to make a difference at Queen’s. Your support is instrumental in upholding our long-standing tradition of excellence.

The School of Computing delivers an outstanding university experience, both inside and outside the classroom. We continue to attract exemplary students and world-class faculty and researchers. Thank you for making a difference through your generosity and support.

We are happy to help you explore how you can give back to Queen’s and answer any questions about giving opportunities and priorities.

Please feel free to reach us at the numbers below. We are also pleased, if possible, to set up a personal visit to discuss specific projects or ways you can support the department, either now or in the future.

Every gift makes an impact. Thank you for your consideration.

Current giving
Carrie Miles: 613.533.6000 Ext. 75501 or carrie.miles@queensu.ca
Lisa Sykes: 613.533.6000 Ext. 75646 or lisa.sykes@queensu.ca

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Any communication about giving and estate planning will be held in the strictest of confidence.

Moved or moving?
You may send address changes to records@queensu.ca

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- $3,000 per year pays for a Teaching Assistant, which helps both our undergraduate students and the graduate students, directly.
- $1,000 per year helps COMPSA run their amazing orientation program each September
- $500 per year allows us to upgrade a computer in one our labs