Message from the Dean


It’s hard to believe, but I’ve already completed my first year as Dean at the Leslie Dan Faculty of Pharmacy. And what a year it has been.

I’ve learned a great deal over the past 17 months. The one key thing that I have taken away from this experience is how important the support of alumni and friends is to the Faculty. Whether this support takes the shape of an annual donation to the Faculty, a planned gift, or mentoring our students as a preceptor in one of our experiential programs, it is these gifts that provide our Faculty with a margin of excellence. I also recognize that in many cases you have continued your contributions to the Faculty during a time of uncertainty for all of us in Pharmacy and troubling financial times for the world economy.

It is appropriate, then, that this issue of R/cellence is essentially about giving, helping and thanking.

As you’ll read in the pages that follow, the various gifts that you as alumni make to the Faculty enrich us all. In this issue, Assistant Dean, Advancement, David White writes about the Annual Fund that many of you contribute to each year. The Annual Fund is essentially a trust where donations from alumni and friends are applied to enhance the student experience at the Faculty. Gifts to the Annual Fund allow us to sponsor various student events, activities, and development opportunities in the name of providing students with the kinds of experiences that will allow them to become better health care professionals. In this issue of R/cellence, David explains how contributions to the Annual Fund played a significant role in the establishment of the IMAGINE clinic.

A number of alumni have recently remembered the Faculty through planned gifts. Later in this issue, you will read how one of our students benefited from the planned gift of a University of Toronto supporter, which allowed second year student Kason Chan (1T3) to focus on his education instead of worrying about his financial burden. Similarly, our very own Dr. Zubin Austin (8T8) demonstrated his commitment to the Faculty and its students by designating a gift to the Faculty in his future plans.

You will also read about two of our alumni, and how their new administrative roles within the Faculty focus on giving and helping. Dr. Ray Reilly (7T9) was recently appointed Associate Dean, Research, while Andrea Cameron (8T1) took on a new role at the Faculty as Director of the Faculty’s new Office of Experiential Education. I think you will find the desire of each of these Faculty members to help in their respective areas to be inspiring.

This issue of R/cellence also includes a handy section on immunization pain management, courtesy of Dr. Anna Taddio (8T9) whose research into this topic has led to some fascinating discoveries. I encourage you to share this information with your family, friends, and patients, as managing pain in children (and adults) is always an important consideration, especially during flu season.

The theme of giving is strongly represented each year at the Faculty’s annual golf tournament. The participation of alumni, industry, professional organizations, community and hospital pharmacists, faculty, students, staff and friends of the Faculty made this event a tremendous success. The Faculty hosted the tournament at a new course this year, and the reviews we’ve received have been very positive. If you haven’t had a chance to participate in the Leslie Dan Faculty of Pharmacy Golf Classic, I encourage you to do so next August – it is a fun way to support our students.

We have also included several sections on alumni at the Faculty, including a profile of one of our most recent graduates. Over the past year, Alicia Wood (1T0) has worked as part of the team planning the 2010 Professional Development Week, participated in an international Structured Practical Experience Program rotation, graduated from the Faculty, written her Pharmacy Examining Board of Canada Qualifying Examination, and transitioned to a role as a practicing pharmacist. As Alicia is part of the newest class of Pharmacy alumni, we thought you might find her story and experiences interesting.

We also have updates on several of our graduates who have been in the news because of their accomplishments like Dr. Leslie Dan (5T4), who received an honorary doctorate from York University and was honoured by the Canadian Centre for Diversity. We’ve also included reports on recent events and developments at the Faculty.

I hope you will read this magazine and be inspired by the students, faculty and alumni like you who have made the Leslie Dan Faculty of Pharmacy what it is today. I would like to offer my thanks to each of the many individuals, companies, organizations, and classes who give back to the Faculty and its students in so many ways during the course of the year. I thank you for what you have done in the past, what you are doing now, and what you will do in the future to keep our Faculty at the forefront of pharmacy education and innovation in Canada. Your contributions to the Faculty benefit students, practitioners, and patients every day, and I want you to know how much your thoughtfulness, time, expertise, and generosity are appreciated.

Sincerely,

Henry J. Mann, PharmD
Dean and Professor
Faculty News

E.W.R. Steacie Memorial Fellowship

Professor Shana Kelley was the recent recipient of an NSERC E.W.R. Steacie Memorial Fellowship.

This prestigious Fellowship will support Dr. Kelley’s work developing low-cost diagnostic technologies to be used in developing countries where infectious diseases result in millions of deaths each year. The nanomaterial-based, cost-effective, and easy-to-use diagnostic tool that Dr. Kelley is developing for infectious disease could play a significant role in preventing these unnecessary deaths.

Approximately nine million people carry active tuberculosis infections, and nearly two million people die because of it annually. It is estimated that 25 per cent of these deaths are preventable with the proper tools. Dr. Kelley’s chip-based sensor can detect trace quantities of DNA, RNA and protein analytes in samples. The Steacie Fellowship will allow Dr. Kelley to further develop this technology for tuberculosis detection. This will involve the development of new nanomaterials that will enable sensitive sensors to detect miniscule traces of the deadly tuberculosis pathogen. The current tools used for diagnosis in the parts of the world most affected by tuberculosis and similar diseases require relatively large samples and are too slow to provide the level of control needed to reign in the spread of infection.

This technology would be faster, cheaper, and require smaller samples and fewer resources than existing methods, making this an ideal technology for use in remote areas.

Dr. Kelley’s chip-based sensor has already been demonstrated as an effective tool for clinical use and will deliver a new level of medical diagnosis to regions of the world most in need, and, in the process, potentially save millions of lives.

On July 16th, the Faculty hosted a reception to celebrate Dr. Kelley’s E.W.R. Steacie Memorial Fellowship. Before the celebration, Dr. Kelley delivered a research presentation to a group of faculty members, students, and staff from the Faculty, as well as a number of special guests. A wine and cheese reception followed.

Early Researcher Awards for Wet and Dry Researchers

Assistant Professors Carolyn Cummins and Suzanne Cadarette recently received funding from the Ontario Government as part of the Ministry of Research and Innovation’s Early Researcher Awards. The Early Researcher Award program helps promising, recently-appointed Ontario researchers build their research teams of graduate students, post-doctoral fellows, research assistants and associates, with the goal of improving Ontario’s ability to attract and retain the best and brightest research talent.

Dr. Cadarette is interested in understanding how we study the safety and effectiveness of drugs. To that end, she is focusing on the safety and effectiveness of osteoporosis drugs and the impact of non-osteoporosis medications on fracture risk.

Dr. Cummins is interested in examining the role of nuclear receptors in metabolic disease, particularly finding anti-inflammatory drugs without the side effects of glucocorticoid drugs. While glucocorticoid drugs are widely prescribed to treat inflammation, their long-term use can cause severe complications including the onset of Type II diabetes, osteoporosis and muscle waste. Dr. Cummins is working to develop safer anti-inflammatory drugs, leading to improved quality of life for patients taking glucocorticoid drugs and increased health care savings for Ontario.

As well, Dr. Cummins was recognized with the GlaxoSmithKline/CSPS Young Investigator Award at the 13th Annual Canadian Society for Pharmaceutical Sciences Symposium. This award is presented annually to a pharmaceutical scientist to recognize their outstanding research achievements and contributions in their first seven years following their graduation from a doctorate program.

Dr. Cadarette and Dr. Cummins join Assistant Professor and Canada Research Chair in Functional Architecture of Signal Transduction Complexes Stéphane Angers as Early Research Award holders at the Faculty.

Congratulations to both of these deserving researchers for this public recognition of and investment in their promising research programs.
Media News

Dr. Anna Taddio (8T9) has received a great deal of media attention over the past few months. In “Tackling Four Big Health Problems,” the author explores ways to avoid or overcome medical fears. Dr. Taddio’s research in pain management is referred to in this article, which appeared in Newsweek, the second largest news weekly magazine in the United States, including tips to reduce pain and suggestions to help people overcome their fear of needles.

Dr. Taddio also appeared as a guest expert in a recent edition of The Globe and Mail. In “Seriously?,” Dr. Taddio noted how distraction can be effective in softening the prick of a needle, and encouraged people to try other tactics for easing needle pain. Dr. Taddio also worked with Toronto Public Health to prepare an Immunization Pain Management Fact Sheet over the summer, and is publishing child pain management guidelines in the Canadian Medical Association Journal. For learn more about Dr. Taddio’s research, please see the special managing immunization pain section on page 8 of this issue of Reallence.

Funding News

Professor Shirley X.Y. Wu was recently awarded a MaRS Innovation Proof of Principle grant for the development of a “Smart” closed-loop insulin delivery device, which is made available through the Ontario Centre of Excellence (OCE) as part of the Ontario Research and Commercialization Program (ORCP) of the Ministry of Research and Innovation. The nanotechnology-enabled device integrates glucose-sensing and insulin delivery into one system for tight control of glycemia automatically and continuously leading to the better management of diabetes.

Assistant Professor Suzanne Cadarette recently received funding from the Canadian Institutes of Health Research (CIHR). This one year Catalyst Grant in Post Market Drug Safety and Effectiveness will enable Dr. Cadarette to lay the groundwork for an innovative and collaborative research program that examines the real-world safety and effectiveness of osteoporosis medications and impact of non-osteoporosis medications on fracture risk. Osteoporosis is a major public health issue resulting in considerable fracture-related morbidity. In Canada, oral bisphosphonates are the primary drugs used to treat osteoporosis and prevent fractures. Dr. Cadarette will examine the comparative effectiveness of oral bisphosphonates in reducing fracture risk by studying new users of these agents in British Columbia and Ontario.

Professor Micheline Piquette-Miller and Associate Professor Christine Allen recently received funding from the Ontario Institute for Cancer Research (OICR) for a joint project to treat ovarian cancer. Traditional ovarian cancer treatments use surgery to remove tumours followed by complex chemotherapy regimens administered intravenously to make sure any remaining cancer cells are killed. Dr. Piquette-Miller and Dr. Allen’s new technology places anti-cancer agents directly at the tumour site using an interperitoneal delivery system placed inside the body. The drugs are then released over one to two months, destroying the residual tumour and any remaining cancer cells in the area. The delivery system biodegrades completely, eliminating the need for surgery to remove it. This investment from OICR will be used to achieve pre-clinical requirements in order to proceed to clinical trials.

Assistant Professor Carolyn Cummins recently received funding from the Kidney Foundation of Canada to study the role of cholesterol and the nuclear receptor LXR in diabetic nephropathy (kidney disease induced by long-term diabetes). Dr. Cummins was also named the Banting and Best Reuben and Helene Dennis Scholar for Diabetes Research. The funding provided by this award and grant will allow Dr. Cummins to continue her research and determine whether LXR activation will provide a novel drug target against the onset or progression of diabetic nephropathy.
Associate Professor Zubin Austin, Ontario College of Pharmacists Professor in Pharmacy Practice and Associate Dean, Academic, was recently awarded funding by the Ontario Ministry of Citizenship and Immigration. His research project, “How do internationally educated professionals acquire linguistic and cultural competency,” will develop and offer English as a Second Language (ESL) courses for pharmacists to study how professionals learn languages.

The Ontario Institute for Cancer Research recently announced an equity investment in Professor Shana Kelley and Professor Ted Sargent’s (Edward S. Rogers Sr. Department of Electrical and Computer Engineering) development of a microchip-based diagnostic system for clinically accepted leukemia biomarkers. This investment will facilitate testing and refinement of the electronic chip and hand-held device for direct and rapid detection of clinically relevant biomolecules in patient samples.

Cross-Appointment

Dr. Jillian Clare Köhler was recently promoted to Associate Professor at the Faculty. As well, Dr. Köhler was cross-appointed to the University of Toronto’s Munk School of Global Affairs, an interdisciplinary academic centre on global issues that integrates research with teaching and public education. Dr. Köhler’s research focuses on intellectual property rights for pharmaceuticals, corruption in pharmaceutical systems, government pricing policies, and ethical issues related to pharmaceuticals and public health needs. As a result, her cross-appointment to the Munk School of Global Affairs will increase awareness of Pharmacy and these important issues.

Educational Outcomes for Pharmacy Programs in Canada

This summer, the Association of Faculties of Pharmacy of Canada (AFPC) approved new Educational Outcomes for First Professional Degree Programs in Pharmacy in Canada. In so doing, the AFPC has developed a single set of educational outcomes for all entry-to-practice pharmacy programs in Canada, regardless of the degree offered (Bachelor of Science in Pharmacy or entry-level Doctor of Pharmacy). The goal of the revised educational outcomes is to graduate Medication Therapy Experts. These new outcomes will play an important role in the accreditation of pharmacy programs in Canada.

To learn more about the new outcomes, please visit http://afpc.info/downloads/1/AFPC_Education_Outcomes_AGM_June_2010.pdf.

Summer Research Program / Pharmaceutical Chemistry Interns Research Day

In August, students in the Bachelor of Science in Pharmacy program’s Summer Research Program and interns from the Pharmaceutical Chemistry Specialist program participated in the annual Undergraduate Summer Research Day. Students participating in these two programs presented posters on their research, providing them with an opportunity to showcase their scientific exploits and practice their public speaking skills.
Recent Events

OPA Students Cup

For the past two years, students from the Leslie Dan Faculty of Pharmacy and the University of Waterloo School of Pharmacy have suited up and met on the ice to determine hockey superiority. Both times, the Leslie Dan Faculty of Pharmacy has walked away victorious. This year, close to 150 students piled into buses to make the trip to Kitchener to watch the teams battle it out. Despite getting off to a slow start, the Toronto team was ultimately victorious.

Cressy Awards

Each year, the University of Toronto and the University of Toronto Alumni Association present the Gordon Cressy Student Leadership Awards. Named after the former vice-president of development and university relations, these awards recognize graduating students for their outstanding contributions to the university and the community through extra-curricular involvement.

The Leslie Dan Faculty of Pharmacy was fortunate to have six students recognized at this year’s ceremony:

- Ani Byrne (M.Sc.)
- Rachel Knott (B.Sc.Phm.)
- Hayley Fleming (B.Sc.Phm.)
- James Morrison (B.Sc.Phm.)
- Anna Huisman (B.Sc.Phm.)
- Rida Mourtada (Pharm.Chem.)

Each of these recipients were recognized for their commitment to making a difference in their communities and within the university community. Congratulations to these impressive student leaders.

Convocation Reception and Graduating Awards Ceremony

On Friday, June 4th, the Faculty hosted a Convocation Reception and Graduating Awards Ceremony at the Royal York Hotel for students graduating from the Bachelor of Science in Pharmacy, Doctor of Pharmacy, Master of Science, and Doctor of Philosophy programs and their families.

A total of 233 undergraduate students, 13 PharmD students, 1 MSc student, and 4 PhD students graduated from the Faculty this Spring.

As part of the day’s celebration, a number of awards were presented to the graduating students. In turn, the graduating students, represented by Graduation Formal Coordinators Cindy Changoor (1T0) and Laura Schultz (1T0), presented the Faculty with a cheque for IMAGINE, the interprofessional, student-run community health initiative aimed at promoting and providing holistic health care to the core neighborhoods of downtown Toronto.

The 4th year teachers of the year were also unveiled at the ceremony, with the graduating class electing to recognize the efforts of three teachers this year - Zubin Austin (8T8), Debra Moy, and Lalitha Raman-Wilms (8T3).

5T8 graduate Sam Hirsch spoke on behalf of the Faculty’s Alumni Association, who, through their contributions to the Annual Fund, helped fund the morning’s event and provided all graduates with a small gift to recognize their accomplishments.

As part of the ceremony, 1T0 Class Valedictorian Hayley Fleming spoke eloquently about the class and the future of pharmacy that they will help shape and create.

After the brunch, the students and their families made their way to Convocation Hall for the convocation ceremony where they received their degrees.

Congratulations to these recent graduates, and to everyone who played a role in making this event so successful.
International Pharmacy Graduate Program Graduation

On Monday, June 14th, the International Pharmacy Graduate program held a Graduation Ceremony at the Faculty.

109 students participated in the graduation ceremony, which began with an African drum ensemble ushering graduates and their families into the Apotex Lecture Hall.

The ceremony included addresses from Maria Bystrin, Director, Office of Continuous Professional Development, Dean Henry Mann, Stephen Clement (7T4), President, Ontario College of Pharmacists, Kathy Moscou, Program Manager, International Pharmacy Graduate program, Suzanne Gordon, Ministry of Citizenship and Immigration, and students Selasi Badasu and Tamer Mossalam.

Congratulations to all of the graduates of this model bridging program.

Induction into the Professional Community of Pharmacy

On September 23rd, first year students in the Bachelor of Science in Pharmacy program were inducted into the professional community of pharmacy in a ceremony held at the Leslie L. Dan Pharmacy Building. Featuring guests speakers representing all phases of the pharmacy community (the Faculty, the Canadian Pharmacists Association, the Ontario Pharmacists’ Association, the Ontario College of Pharmacists, the Canadian Society of Hospital Pharmacists, and the Undergraduate Pharmacy Society), students learned about the Ontario College of Pharmacists’ Code of Ethics and participated in the Faculty’s Pledge of Professionalism before donning their white coats for the first time.

After the ceremony, the students and guests convened in the Apotex Atrium to celebrate this momentous occasion with good food and delightful conversation.

Congratulations to the Class of 1T4, and welcome to the Faculty.

Special thanks to everyone who played a part in making the Induction ceremony so successful, and the Enhancing the Student Experience Fund for funding this event.

Undergraduate Student Awards Reception

On September 29th, students from the Bachelor of Science in Pharmacy and Doctor of Pharmacy programs convened at the Faculty Club for the Faculty’s annual Undergraduate Student Awards Reception.

In front of a crowd of award and bursary donors, faculty and staff members, and members of the pharmacy profession, a total of 60 awards were presented that night to 72 deserving students. Dean Henry Mann, Dr. Heather Kertland (8T7), and Dr. Debra Sibbald (7T4) presented these awards to the students. Fourth Year student Ryan McGuire (1T1) thanked the donors and members of the pharmacy profession for their commitment to education and students, and reinforced the important role that bursaries and awards play in student life at the Faculty.

Thank you to the various individuals who contributed to the success of this event, and to the Enhancing the Student Experience Fund for continuously supporting this important annual event celebrating student success and achievement.

Graduate Students Awards Reception

In October, members of the Graduate Department of Pharmaceutical Sciences met at the Faculty Club to honour graduate students who were the recipients of internal and external awards. A total of 24 awards were presented that evening, recognizing 34 students in the Faculty’s Master and Doctor of Philosophy programs. Pictured here, Dr. Jack Uetrecht and Rob Loney from Pfizer Canada present Xin Chen with the Pfizer Canada Graduate Scholarship.
**Immunization Pain Management Tips**

Assistant Professor Anna Taddio (STJ9) is a prolific researcher and leading authority on infant pain management. For the past three years, she’s been developing guidelines for managing pain in children undergoing medical procedures. This December, the *Canadian Medical Association Journal (CMAJ)* will publish these guidelines.

With the immunization season fully upon us, we thought it would be helpful to include some infant pain management tips in *Reелence*. Vaccines protect children from serious diseases, but most children feel pain from the experience which may cause them to develop a fear of needles or other medical procedures. These tips, developed by Dr. Taddio for the City of Toronto Public Health Office, should lesson this impact. Please feel free to share these tips with your patients and their families. After all, the happier and healthier our children are, the happier and healthier we all are.

### Steps to reduce needle pain in babies:

1. **Cuddle your baby on your lap during the immunization.**
2. **If you are breastfeeding, feed your baby before, during and after the needle.** Breastfeeding calms and comforts both the baby and mother and can reduce baby’s pain.
3. **If you are not breastfeeding, sugar water can be given to infants less than 12 months.** To make sugar water, mix one packet of sugar (1 teaspoon) with 10 ml of water (2 teaspoons). Give it to your baby with a cup, spoon or syringe just before the needle and discard the unused portion. Do not use sugar at home to calm upset or crying babies.
4. **Allow your baby to suck when receiving the needle.**

### Steps to reduce needle pain in babies and older children:

1. **Tell your child about the vaccine.**
   - Describe what will happen and how it will feel. Do not tell your child that it won’t hurt. Instead say the pain lasts a short time and feels like a “sting”, “poke” or “squeeze”.
   - School age children can be told at home before visiting the doctor.
   - Tell toddlers and preschoolers just before receiving the vaccine. Answer your child’s questions.
   - Why do I need a vaccine? (“To help you stay healthy.”)
   - What will happen? (“The medicine will be put in your arm with a needle.”)
   - How will it feel? (“You may feel a poke or small sting that will last a few seconds.”)
2. **Plan what to bring to the visit.** Before going to the doctor’s office, help your child choose items to bring that are interesting (e.g. toys, books) and provide comfort (e.g. favorite blanket, stuffed animal).
3. **Consider using medications to numb the skin.**
   - Three products are available in Canada without a prescription: EMLA® (lidocaine-prilocaine), Ametop® (amethocaine), or Maxilene® (liposomal lidocaine). The products can take 30 to 60 minutes to work, depending on the brand.
   - Before using any medication, read the information provided and talk to your doctor or pharmacist to learn how, where and how much medication to apply.
4. **Have your child sit up-right when receiving the vaccine.**
   - Hug or cuddle young children in your lap for comfort. Do not lay your child flat.
5. **Stay calm when your child receives the needle.** Your child can sense your feelings of worry which may increase his or her fear. The more fearful a child is before receiving a needle, the more pain he or she may feel.
   - Be yourself: use a normal voice, smile and be relaxed. Your child will feel that everything is okay.
   - Avoid words that can focus a child’s attention on the needle and increase fear such as: “It’ll be over soon and you’ll be okay”, “I’m sorry you have to go through this”, or “I know it hurts.”
   - Talk about things that can focus your child’s attention away from getting a needle. Involve your child when speaking to the doctor or nurse by helping them to remember:
5. **Take your child’s attention away from the needle with activities or toys.**
   - Children can: play with a toy, stuffed animal, pop-up book, or game; listen to music or watch a handheld device or movie.
   - Parents can: sing a favorite song or read a favorite book to an infant, toddler or preschool child; or talk about things that are of interest or amusing to an older child.
6. **Ask your child to take a deep breath.**
   - Practice counting and breathing deeply and slowly.
   - Just before the needle, take out a windmill, party blower or bottle of bubbles and ask your child to take a deep breath and blow on the object.
   - Tell an older child to take a deep breath at the time the needle is given, and blow the “sting of the needle away”.
7. **Praise and reward your child.**
   - After the needle, tell your child he/she did well.
   - Positive recognition and rewards after the procedure such as stickers or certificates help a child feel good about the skills they learned during the procedure.
8. **Acetaminophen (e.g. Tylenol®, Tempra®) or ibuprofen (e.g. Motrin®, Advil®)**
   - These medications are not recommended for use before your child receives a needle.
   - They can be used afterwards for minor reactions such as fever, irritability or a sore arm.
   - Use these medications as directed by your doctor.

To view the full pain management guidelines, please visit www.cmaj.ca.
This past July, Professor Ray Reilly (7T9) was appointed Associate Dean, Research, at the Faculty for a five-year term. In this role, Dr. Reilly is responsible for promoting research at the Leslie Dan Faculty of Pharmacy, and supporting faculty members in their research in whatever way I can."

It also means working with the Dean to develop new initiatives for research. One of the new initiatives currently being explored is the incorporation of clinician scientists into the Faculty. As part of a health care team conducting a clinical trial of a new therapy for patients or researching new ways to improve patient care, clinician scientists will contribute tremendously to research at the Faculty, bridging laboratory and clinical investigation to achieve real-world patient outcomes.

The chance to promote the incredible research being conducted at the Faculty is something that Dr. Reilly relishes. "The Leslie Dan Faculty of Pharmacy is very unique in that we have individuals who are studying very diverse areas of pharmacy. There is a real opportunity for interaction between different spheres of research that doesn’t typically exist in other institutions that are more homogeneous."

"For example, there are opportunities for basic scientists developing new drug therapies to work with health economists and health policy researchers to see how these new drugs would fit in the healthcare system, and work with clinician scientists to study the outcome of these new therapies on patients."

The structure and composition of the Faculty allows for this interaction and comprehensive research on a particular problem or issue.

The role also positions Dr. Reilly as an ambassador for research in general. "Research is absolutely necessary for the field of pharmacy to advance, and also for pharmacy practice to advance," notes Dr. Reilly. "Pharmacists in the community might not be directly involved in research activities, but we all benefit from research."

"For example, in 1979 when I graduated from Pharmacy, we used to dispense beef and pork insulin to control diabetes. Now we dispense human insulin to diabetic patients. It's much superior to the insulin we used when I started practicing pharmacy, and it all happened because of research conducted in the last 20 years."

Dr. Reilly believes that practicing pharmacists in hospital and community settings should be interested in the research currently being conducted at the Faculty. The researchers at the Faculty are experts and leaders in a wide range of pharmaceutical fields, including cancer detection, treatment and outcomes, drug development and delivery, complementary and alternative medicines, and health services research, among many others.

"Research may seem like a small niche that only takes place in teaching hospitals and research institutions, and conducted by individuals with PhD degrees, but it has a profound impact on the practice that an individual pharmacist will do every day years from now," notes Dr. Reilly. "It results in a change in practice for all pharmacists, and also an advancement of the whole field."

Today's research "can make a difference in pharmacy practice in the future, as well as in the treatment and outcome of patients."

**Did you know...**

Did you know that the Faculty launched a new website this summer? Consistent with the Faculty’s new brand, the new website allows visitors to see more of the Faculty’s new home and discover more about the programs, research, and individuals at the Faculty. If you haven’t yet had a chance to visit the website, please visit us today at www.pharmacy.utoronto.ca.
A growing number of alumni and friends are helping the Leslie Dan Faculty of Pharmacy prepare for the future by making a planned gift to the Faculty. Planned gifts are truly the foundation of extraordinary futures – the resources generated from these gifts have the potential to transform lives. They fund scholarships for students who are hungry to learn, they support development initiatives and activities for our future leaders, and they are the cornerstone for endowed chairs and professorships that help us attract and retain distinguished faculty.

Kason Chan is a second year student at the Leslie Dan Faculty of Pharmacy who looks forward to becoming a committed and dedicated pharmacist, serving the drug-related health care needs of Canadians. Kason appreciates first hand the impact of planned gifts. The recipient of a scholarship established through a bequest, Kason can now focus on his education, without worrying about any financial burden. According to Kason “this gift will always serve as a reminder of the generosity of others and my duty to care for Canadians upon graduation and entrance into practice.”

Associate Professor Zubin Austin (8T8) is the latest Pharmacy alumni to discover the benefits of planned giving. A longtime supporter of the Faculty, Dr. Austin was not even aware of this type of giving vehicle before speaking with members of the Faculty’s Advancement Office. “When I heard about this particular option, I was very intrigued. What a great way to leave a legacy at the place I have called home for so many years.” While Dr. Austin has yet to determine where or how his donation will be designated, he is delighted by the fact that his longstanding relationship with the Faculty can be continued in perpetuity and can profoundly affect the lives of future Pharmacy students.

A planned gift of any size – whether designated for student financial assistance, enhancing the student experience, research, or academic programs – can have an everlasting impact. By leaving a planned gift to the Faculty, you make learning your legacy, and demonstrate your commitment to future generations of pharmacy students and faculty. Building on the Faculty’s illustrious history of academic excellence, innovative research and international collaboration, your gift will ensure that the Faculty continues to be a leader in pharmacy education in Canada and around the world. Your gift will advance our aim of preparing pharmacy professionals to address the ever-changing challenges in our profession.

At the same time, by making a planned gift you can reduce your taxes and maximize benefits to your estate and beneficiaries. A planned gift can be expressed through various funding channels including a bequest, retirement funds, stocks and securities, gifts-in-kind, charitable remainder trusts, gifts of residual interest and life insurance. If you have made a planned gift to the Faculty or are considering making one and require further information, please contact:

David White  
Assistant Dean, Advancement  
416-978-6749  
dm.white@utoronto.ca

The University of Toronto recognizes those alumni and friends who have thoughtfully remembered the University through a provision in a will, a bequest or other future gift commitment through membership in the King’s College Circle (KCC) Heritage Society. Members of the Society receive a welcome message from the Hon. Henry N. R. Jackman, Chancellor Emeritus and the Honorary Patron of the KCC Heritage Society. KCC Heritage Society members also receive a limited edition framed print of King’s College Circle, St. George Campus with an 1827 medallion inset into the mat, as well as exclusive invitations to the Presidents’ Circle Garden and Holiday Parties and other special campus events.
Changing Lives –
Leslie Dan Faculty of Pharmacy Annual Appeal

On October 6, 2010, students from the Leslie Dan Faculty of Pharmacy and other health sciences faculties at the University of Toronto witnessed years of hard work come to fruition with the official opening of the Interprofessional Medical and Allied Groups for Improving Neighbourhood Environment (IMAGINE) Clinic. IMAGINE is an interprofessional student-run community health initiative aimed at promoting and providing health care to the core neighbourhoods of downtown Toronto. Located at the corner of Queen and Bathurst Streets, IMAGINE provides free holistic care to Toronto’s underserved and homeless populations. The IMAGINE Clinic would not have been possible without the generous financial support of alumni, industry, professional associations and friends of the Leslie Dan Faculty of Pharmacy.

As we embark on our annual fundraising appeal, the theme we have chosen for this year is changing lives. Today’s pharmacist plays a critical role in society – improving the health and well-being of individuals and families in our communities. As the IMAGINE Clinic illustrates, at the Leslie Dan Faculty of Pharmacy, we are changing lives. For our students, the chance to study at one of the leading pharmacy faculties in North America is an opportunity that will prepare them for a lifetime of successful practice and provide them with the knowledge and experience to change countless lives for years to come.

We hope to change the lives of both our students and society at large by raising funds to enhance the student experience at the Faculty. These funds will assist our students by:

- Providing valuable funds for student awards. With the cost of a pharmacy education now in excess of $30,000 annually, increasing the size and number of scholarships and bursaries is a top priority. Together we must ensure the most talented students are never turned away because of need.
- Creating opportunities for student development outside the classroom. Students are given the opportunity to participate in research programs, summer internships, attend international conferences and symposiums, and present at a variety of student congresses, seminars and conferences.
- Contributing to student-led social and professional initiatives that strengthen the bonds between classmates and allow students to become involved in professional activities long before graduation.

In the past year alone your annual donations assisted in the establishment of three new student awards and bursaries. Twenty existing student awards also received additional funds during the year. Moreover, annual support helped fund a number of important learning opportunities for our students like organizing and hosting the Professional Development Week conference attended by over 800 pharmacy students from across Canada. You also helped support summer internship opportunities and purchase important tools for our Resource Centre – ensuring that our students have every opportunity to gain the knowledge and skills they need to meet the evolving health needs of our society and lead the profession forward.

Annual donations are the lifeblood of our Faculty and help us ensure our graduates are prepared to transform the health and welfare of the people in the communities they serve. Together, we can change lives.

If you would like to make a donation to the annual fundraising appeal, please complete and return the enclosed form, or contact:

David White
Assistant Dean, Advancement
Leslie Dan Faculty of Pharmacy
416-978-6749
dm.white@utoronto.ca

L to R: Dean Henry Mann, Dr. Joshua Tepper, Assistant Deputy Minister, Ontario Ministry of Health and Long-Term Care, Ryan McGuire, Dean Emeritus Wayne Hindmarsh
Experiential education is an important part of the programs offered at the Leslie Dan Faculty of Pharmacy. Students in the Bachelor of Science, Pharmaceutical Chemistry Specialist, International Pharmacy Graduate, Doctor of Pharmacy, and Graduate programs participate in a variety of workplace learning opportunities where they are able to apply the lessons they have learned in the classroom to real world settings.

Historically, each program or course at the Faculty was responsible for coordinating its own experiential components. While this led to close relationships between the programs and the preceptors, the lack of coordinated communication and planning was occasionally problematic. As a result, it was determined that coordinating all experiential efforts from one central office would provide numerous benefits, not the least of which were streamlining processes and developing stronger relationships between the Faculty, preceptors and experiential sites. Andrea Cameron (8T1) was selected to lead the newly created Office of Experiential Education.

As the Director of Experiential Education at the Faculty, Andrea and her team of faculty and staff members have spent the last few months reviewing existing experiential practices and consulting with the Faculty’s institutional and community partners. Through this process, Andrea has been hard at work developing a vision for experiential education at the Faculty.

“Ultimately, we want to build experiential programs that provide students with opportunities throughout their Pharmacy education to apply what they learn in the classroom in real world practice settings under the guidance of caring, committed individuals in the pharmacy field. Through these student activities, we will also ensure that preceptors have the opportunity to pass along their knowledge and experience to a consistent flow of students capable of contributing to the health and vitality of their practice sites.”

A long-time faculty member and MBA graduate, Andrea has been involved with experiential learning at the Faculty for almost 30 years. Upon graduating, Andrea spent 15 years in a hospital setting as a Clinical Pharmacist, Clinical Manager, and Department Director, before joining the Faculty in 1997 as a Structured Practical Experience Program Coordinator.

Today, the creation of the Office of Experiential Education provides an opportunity for the Faculty to introduce more positive changes to enhance the experience for students, preceptors and sites alike.

“Experiential learning provides students with an opportunity to build their knowledge and develop their skills through participation in the provision of direct patient care,” Andrea notes. “Experiential practice reinforces and contextualizes existing knowledge, builds interprofessional competencies, and adds layers of understanding that can’t be learned in the classroom or simulated in a lab.”

Preceptors also gain from coaching students through these experiential learning opportunities. “The most popular thing we hear from our preceptors is that they’re learning as much as our students,” observes Andrea. “The students keep them on their toes – asking questions and forcing them to think about why they do things the way they do. Our students also help to bring new and emerging concepts and therapeutic practices to preceptors in the practice sites.”

Andrea also notes how the profession benefits from experiential learning opportunities: “Having strong experiential components in our curricula is very beneficial to the pharmacy profession. Students are learning from front-line practitioners, solidifying the knowledge and skills they’ve acquired through their academic courses. Experiential courses develop continuity within the profession – by sharing the accumulated knowledge of experienced pharmacists with the practitioners of the future, good practices will continue, while new ideas and evidence-based therapeutics are also infused into contemporary practice. Actively ‘doing’ also helps the students develop greater confidence, which may translate into these students taking leadership roles in the future – advocating for the role of the pharmacist in the health care system or participating in experiential education as preceptors.”

To this end, Andrea has been meeting with pharmacists, managers and administrators in community, institutional, industrial and family health team settings to determine increased opportunities available for students, what they can contribute to these settings, and what skills and knowledge they require to maximize their experience in the field.
“As part of our discussions, we’ve identified the need for an experiential advisory panel,” notes Andrea. “This panel will be instrumental in helping us identify the key areas we need to focus on to ensure that our experiential program offerings are successful for students, preceptors, and practice sites.”

“This process has reinforced to me how Pharmacy really is a community,” Andrea adds. “We are fortunate to belong to a profession with individuals who are so generous with their time and expertise, to share that with students. It’s gratifying to go to work every day and know that the practitioners and students our team works with are having such a profound impact on patients today as well as the patients of tomorrow.”

Interested in learning more about our experiential programs? Contact Andrea at aj.cameron@utoronto.ca for more information on any of our experiential programs.

---

**Multiple Mini Interviews**

A member of the Pharmacy Class of 8T1, Andrea remembers the application process she went through to gain admission into the Bachelor of Science in Pharmacy program at the Faculty. “As part of your application, you had to get letters from two pharmacists endorsing you as a good candidate for admission into the program. I had to go out and introduce myself to pharmacists in my home town of Kingston to fulfill that requirement.”

Thirty years later, how things have changed. Instead of entering the BScPhm program straight from high school, applicants must now complete a minimum of two years of undergraduate education at the University level as well as several prerequisite courses. On top of that, selected applicants must also participate in the Multiple Mini Interview (MMI) process.

The MMIs are an effective way of assessing personal qualities that are key to success as a health professional. The MMIs complement the other admission criteria – grade point average and performance on the Pharmacy College Admission Test – revealing how individuals communicate, problem solve and deal with situations involving ethical reasoning. Applicants proceed through a series of 8-10 mini-interviews with trained interviewers who are members of the Pharmacy community, faculty members, and students. In these interviews, they are asked set questions and assessed on a number of non-cognitive characteristics that are important for success in pharmacy.

This year, the MMIs for Fall 2011 admission will take place over the course of two weekends – March 26th and 27th, and May 14th and 15th. Because the MMIs require many volunteers, Andrea and the Admissions team have begun recruiting volunteers to help out with this year’s admissions interviews.

“Last year, we received tremendous feedback from everyone who participated in this process,” notes Andrea. “Practitioners commented on how they appreciated the opportunity to contribute to the selection of candidates who would someday become their colleagues.”

If you would like to volunteer to help with this year’s Multiple Mini Interviews, please contact adm.int@phm.utoronto.ca for more information.

---

**Did you know...**

Did you know that the advertisement for the hit CTV show *So You Think You Can Dance Canada* was filmed at the Leslie Dan Faculty of Pharmacy? In this popular commercial, two videogame adversaries battle through dance moves filmed in the Atrium, on the top of the two pods, and in the void space that make the Faculty’s home so unique.
2010 Leslie Dan Faculty of Pharmacy Golf Classic

For the seventh consecutive year, members of the pharmacy community came together to support the Leslie Dan Faculty of Pharmacy through its annual golf tournament.

For the first time, the 2010 Golf Classic was held at Copper Creek Golf Club in beautiful Kleinburg, Ontario. The idyllic course proved to be a big hit with attendees, who appreciated the magnificent weather and challenging holes.

At the end of the day, the sold-out tournament raised over $47,000 to enhance the student experience at the Faculty through sponsorships, foursomes, prize donations, and raffle proceeds.

Sincere thanks to members of the Golf Committee who organized the day, the various companies and individuals who sponsored the event, everyone who purchased foursomes and raffle tickets, and everyone who participated on August 18th. By all accounts, this was the best Leslie Dan Faculty of Pharmacy Golf Classic yet.

Plans are already underway for the 2011 Golf Classic. Please keep Thursday, August 25th free and contact David White at 416-978-6749 or dm.white@utoronto.ca for details.
Thank you to our sponsors:

Gold Sponsor

Zellers

Silver Sponsors

Manulife Financial  SANDOZ

Bronze Sponsors

AMGEN  MEDICAL PHARMACIES  PURDUE

BIOVAIL  GENERIC DRUGS  COPEL  Rexall

GSK  GlaxoSmithKline  sanofi aventis

GREEN SHIELD  CANADA  PIERRE FABRE

Roche  Ontario Pharmacists’ Association  Shoppers Drug Mart

McKesson  Canada  PharmaTrust

Wyeth  Consumer Healthcare
New Alumni Spotlight: Alicia Wood

In the course of a year, so much can change. This is especially true for fourth year students at the Faculty who face the daunting transition from the familiar comfort of three and a half years of intensive classroom-based education to real-world learning in Structured Practical Experience Program (SPEP) rotations, before graduating, writing PEBC qualifying examinations and becoming full-fledged working members of the pharmacy community.

Alicia Wood of the Class of 1T0 has made this transition from the classroom to the outside world, participating in more than a few interesting experiences along the way. As a result, Excellence thought our readers might be interested in learning a little bit more about the fourth year experience from a recent graduate’s perspective.

Born into a family with a parent in the health care field, Alicia Wood always had a drive to help people and realized in her teens that she wanted to be a pharmacist: “I saw how my mother was able to impact other people’s lives and it inspired me to do the same.”

Having lived in New Brunswick all her life, Alicia was unsure what to expect from a metropolitan city like Toronto and the largest pharmacy school in Canada. “Attending a university with over 30,000 undergraduate students was a bit unnerving,” she recalls. “However, once I started at Pharmacy, I soon felt I was exactly where I belonged. The Faculty makes up its own small community in the greater University of Toronto – a tight-knit, collegial and friendly community. I quickly felt at ease and part of the Pharmacy family, and continue to feel that way today.”

As part of the planning committee for the Canadian Association of Pharmacy Students and Interns (CAPSI) Professional Development Week (PDW) last January, Alicia sought to extend that family feel to pharmacy students from across the country. This annual conference brought students from Canada’s ten pharmacy schools to Toronto for four days of educational seminars, inspirational workshops, competitions and fun social events.

“Organizations like CAPSI provide today’s students with a great deal of opportunity to learn and grow in new directions through planning events like PDW,” Alicia observes.

At the same time, Alicia was completing her first SPEP rotation, splitting time between a Shoppers Drug Mart and a Family Health Team in Toronto. “Working at a Family Health Team was a new experience for me. It allowed for in depth medication reviews and drug therapy problems were resolved easily through access to complete patient medical charts. Similarly, determining best possible patient outcomes was a collective effort among the pharmacist, nurse, physician and dietician – an approach that really improved the quality of care.”

At the end of February, Alicia was on her way to another incredible student experience. “One of the best experiences I had in pharmacy school was when I was able to take all that I had learned over the course of four years and practice these skills in a pharmacy in a new country – the Cayman Islands,” Alicia recounts. Working under the supervision of Pharmacy alumnus Dave Pellow (8T5) for the Cayman Island Pharmacy Group, Alicia and classmates Katelyn Weber (1T0) and Stephanie Jacques (1T0) spent two months in Grand Cayman Island.

“Working in a country other than Canada was an eye opening experience in how things can be so different, even when many of the medications were the same. The differences in prescribing patterns, drugs available, and even difficulties with interprofessional collaboration presented its share of challenges for a Canadian SPEP student,” Alicia notes. The three students alternated between an inpatient/outpatient hospital pharmacy and two satellite community pharmacies in West Bay and Savannah, juggling the Canadian approaches to health care and pharmacy practice with the practice realities of Grand Cayman.

“It was an experience of a lifetime, and one that I will never forget.”

The anxiety of studying for and writing the Pharmacy Examination Board of Canada’s Qualifying Examination (the PEBCs) quickly replaced the two months of paradise once Alicia returned to Canada. Studying at the
Faculty each day, she burned the midnight oil to prepare for the three days of multiple choice and OSCEs that “tested four years of learning.”

In June, Alicia reached another important milestone in her studies – Convocation. For Alicia and her family, the Convocation Ceremony and the Student Awards Ceremony hosted by the Faculty represented the culmination of four years of hard work where everyone came together to celebrate everything that the graduating class accomplished, both as individuals and as a group.

Currently working at Clark’s Pharmasave in Simcoe, Ontario, Alicia is “adjusting to full-time pharmacist life, but enjoying every minute and loving the newfound freedom of the working life after 21 years of school.”

“Pharmacy practice has shown me that it doesn’t really matter what I learned in school if I can’t apply that knowledge to each unique circumstance that I am faced with on a day-to-day basis. Because of that, the most important lessons occur every day as I piece together the knowledge I’ve collected in pharmacy school with the situations I experience caring for patients.”

If you know of an alumna who has an interesting story to tell, please let us know. R/cellence is always looking to share compelling stories and profile interesting characters.

Alumni Updates

Bonnie Hauser (7T5) was recently elected President of the Ontario College of Pharmacists. Bonnie, who co-owned and managed Hauser’s Pharmacy in Dunville, Ontario, is honoured and excited about this opportunity. In this role, Bonnie will chair the OCP council and executive meetings, and will be involved with making decisions around the regulations for pharmacists and the new pharmacy technicians. Ultimately, though, her main duty will be to protect the public, ensure that pharmacists have a level of competency and keep the profession at a high level.

Leslie Dan (5T4) and his wife Anna were recently honoured by the Canadian Centre for Diversity. In a November ceremony, they were presented with the 2010 Human Relations Award for their philanthropic endeavours. In October, Leslie was also presented with an Honourary Doctor of Laws degree from York University.

At the Ontario Pharmacists’ Association’s annual Conference in Niagara Falls, recent graduate James Morrison (0T0) received the OPA’s 2010 Student of Distinction Award. This award, which recognizes a pharmacy student who has shown outstanding leadership in service to the profession, was presented to James because of the leadership roles he has taken on throughout his pharmacy education, including his involvement in the Undergraduate Pharmacy Society, CAPSI, and the OPA. Congratulations, James, on receiving this tremendous honour.

Deanna Williams (7T6) was awarded the 2010 Regulatory Excellence Award by the Council on Licensure, Enforcement and Regulation (CLEAR). Awarded to an individual demonstrating an outstanding contribution to the enhancement of professional or occupational regulation, regulatory processes and consumer and public protection through exceptional leadership, and results or outcomes above and beyond expectations or what is normally achieved, Deanna received this award for her work as Registrar for the Ontario College of Pharmacists.

Johan Thijs Spoor (9T4) was named as the new CEO of FluoroPharma, an independent privately-held biopharmaceutical company engaged in discovery and development of imaging radiopharmaceuticals for use in cardiology and Alzheimer’s disease.

As a Faculty, we are always pleased to learn about and promote the accomplishments and achievements of our alumni. As a result, we encourage you to send us any updates and story ideas about you, your classmates, or other graduates from Pharmacy programs at the Leslie Dan Faculty of Pharmacy. So, if you or any of your classmates or fellow alumni are celebrating significant achievements, have reached professional milestones, held reunions or simply wish to share news about your lives with people from your program, please let us know. Please contact Jef Ekins, Manager, Marketing and Communications, at j.ekins@utoronto.ca with your stories and photos to include in the next issue of R/cellence.
Reunion Updates

8T0

In September, the Class of 8T0 met in Fenlon Falls to celebrate their 30th class reunion. Organized by Tina Perlman, there was a great turnout at the reunion, and everyone had a fun time. During the reunion, the Class discussed making additional contributions to the 8T0 Award, a third year award established by the class to recognize the third year student who has made the most significant contribution to the professional, athletic and social lives of his/her fellow classmates.

7T0

In October, several members of the Class of 7T0 visited the Faculty for a tour of the building as part of their 40th class anniversary in Toronto. Organized by Linda Sparrow and Greg Ujiye, the class enjoyed a tour from Dr. Graham Nairn (5T2) and a reception on the top of the large pod. Thanks to all who attended.

8T5

Also in October, the Class of 8T5 met in Toronto to celebrate the 25th anniversary of their graduation from Pharmacy. Classmates from as far away as Thunder Bay, Calgary and the Cayman Islands returned to the Faculty with their families for tours from Dr. Graham Nairn (5T2) and Faculty Registrar Brenda Thrush. Dean Henry Mann welcomed the class back to the Faculty, and treated the class to a reception on the top of the pod following the tours.

Thinking of planning a reunion? Let us help. The Faculty’s Office of Advancement and Alumni Affairs helps classes from all years plan and hold reunions. Whether it’s your first formal class reunion or your fiftieth, the Faculty is here to help you get in touch with classmates, send out invitations, and put together a memorable time to reconnect with your friends.

Each year, the Faculty provides organizational and logistical support for class reunions, and even hosts a number of reunion events at the Faculty. In fact, if your class hasn’t had an opportunity to visit the Leslie L. Dan Pharmacy Building yet, make 2011 the year you do. You’ll be amazed at how far the Faculty has come, and you’ll be inspired by all of the wonderful study space and resources our students currently enjoy.

So, when you’re planning your next reunion, be sure to contact us to see how we can help. While you’re at it, let Recllence know – we’re always looking for fun alumni events to promote and interesting stories to tell.
Each year, at the end of May, the Faculty invites alumni back to campus to see how things have changed, reconnect with old friends, and celebrate their accomplishments.

This year, the Faculty hosted three events over Spring Reunion weekend.

On Thursday, May 27th, the International Pharmacy Education Centre at 256 McCaul Street, home of the International Pharmacy Graduate program, welcomed back graduates from the IPG program for their first reunion celebration. Over 50 alumni attended the event, which brought together graduates from the first nine years of the very successful IPG program, as well as faculty members, instructors, and IPG staff.

On Friday, May 28th, the Faculty Club played host to the Faculty’s annual Golden T dinner honouring classes celebrating the 50th and 60th anniversaries of their graduation. Before dinner, Dean Henry Mann and UPS President David Yam (1T2) addressed the 30 alumni from the classes of 5T0 and 6T0 and their guests, painting a picture of what student life at the Faculty is currently like. After dinner, representatives from both classes spoke to the group, and alumni received certificates marking their 50th and 60th anniversaries of graduating from the Faculty.

As the final event of Spring Reunion, Alumni from the classes of 9T0, 9T5, 0T0, 0T5, and 0T9 were invited to the Faculty on Saturday, May 29th for an Open House and Tour of the Faculty. Close to 100 alumni attended this event, with many visiting the Faculty’s new home for the very first time. Those in attendance were treated to tours of the Faculty by Dr. Tom Brown (8T8), Dr. Heather Kertland (8T7), Dr. Graham Nairn (5T2), and Faculty Registrar Brenda Thrush.

The Advancement and Alumni team would like to thank everyone who was able to join us for this event, and look forward to seeing members of the Classes of 5T1, 6T1, 9T1, 9T6, 0T1, 0T6, 1T0 and IPG graduates at next year’s Spring Reunion activities.
Upcoming Events

Leslie Dan Faculty of Pharmacy 2011 Golf Classic
Thursday, August 25, 2011
Copper Creek Golf Club, Kleinburg, Ontario
Contact David White at 416-978-6749 or dm.white@utoronto.ca for details

Spring Reunion 2011
May 26 – 29, 2011
As part of the Faculty’s annual Spring Reunion festivities, classes from 5T1, 6T1, 9T1, 9T6, 0T1, 0T6 and 1T0 will be invited to a number of events at the Faculty. Details about the Faculty’s Spring Reunion activities to be announced early in 2010.

Contact us:
Rxcellence
Leslie Dan Faculty of Pharmacy
144 College Street
Toronto, ON
M5S 3M2
416-978-6749

The University of Toronto respects your privacy. We do not rent, trade or sell our mailing lists.

If you do not wish to receive this magazine in the future, please contact us at 416-978-6749 or 1-800-463-6048 or address.update@utoronto.ca.