A prescription for enhanced pharmacy services in Newfoundland and Labrador

ANNUAL REPORT 2010–2011
VISION AND MISSION

OUR VISION

Working together towards a healthy tomorrow;
Become . . . the future of pharmacy

OUR MISSION

As a School of Pharmacy with a strong sense of community, we are dedicated to:

• Expanding the School of Pharmacy and developing the school as a Centre of Excellence for Comprehensive Pharmacy Studies
• Preparing pharmacy professionals committed to collaborative patient-centred care
• Fostering excellence and innovation in research and graduate studies
• Advancing the scope of pharmacy practice and
• Building upon a learning environment in which every student is valued.

The School of Pharmacy is fully accredited by the Canadian Council for Accreditation of Pharmacy Programs (CCAPP) until 2016.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dean's Message</td>
<td>2</td>
</tr>
<tr>
<td>Education</td>
<td>4</td>
</tr>
<tr>
<td>Admission</td>
<td>6</td>
</tr>
<tr>
<td>Graduation</td>
<td>8</td>
</tr>
<tr>
<td>Student Awards</td>
<td>10</td>
</tr>
<tr>
<td>Making a Difference: Teaching</td>
<td>12</td>
</tr>
<tr>
<td>Experiential Learning</td>
<td>14</td>
</tr>
<tr>
<td>Drug Information Centre</td>
<td>18</td>
</tr>
<tr>
<td>Making a Difference: Student Engagement</td>
<td>20</td>
</tr>
<tr>
<td>Our Faculty and Staff</td>
<td>21</td>
</tr>
<tr>
<td>Professional and Awards and Activities for Faculty</td>
<td>24</td>
</tr>
<tr>
<td>Making a Difference: Internationally</td>
<td>26</td>
</tr>
<tr>
<td>Research and Training Grants</td>
<td>28</td>
</tr>
<tr>
<td>Scholarly Publications, Presentations and Posters</td>
<td>30</td>
</tr>
<tr>
<td>Making a Difference: Research</td>
<td>40</td>
</tr>
<tr>
<td>Development</td>
<td>42</td>
</tr>
<tr>
<td>Making a Difference: Giving Back</td>
<td>46</td>
</tr>
</tbody>
</table>
DEAN’S MESSAGE

The goals of Memorial University are built upon five pillars: students; research, creative activity and scholarship; needs of the province; conditions for success; and institutional responsibility.

Right now at the School of Pharmacy we are trying to firm up the foundations for those pillars.

Critical to our success is space. We have an extreme shortage of space which has the potential to impact our ability to achieve the strategic goals that will continue to qualify us as an institution of excellence.

Inadequate classroom, laboratory, office and gathering spaces restrain our capacity to enhance a teaching and learning environment that will meet the future pharmacy needs of our province.

According to current registrations with the Newfoundland and Labrador Pharmacy Board, 32 per cent — 215 — of the pharmacists in this province are at or near retirement age. At our current rates of enrolment and retention, it would take our school almost a decade to fill those vacancies alone. We simply cannot expand the school within our current classroom and laboratory spaces.

Beyond fulfilling the need in our communities and hospitals for pharmacists, as a school we have an obligation to foster a research environment that is relevant to the provincial and global health care needs of the 21st century. Our research laboratories, spaces and equipment are barely adequate for current needs and impede our ability to attract and retain top talent.

A space shortage at the school is about far more than a lack of offices and cramped laboratories. The university’s Teaching and Learning Framework report identified the need for appropriate learning spaces as a priority, both formal and informal.

“Gathering space or collision space, as students described it, plays a major role in establishing the relationships that are so important in creating a sense of connectedness to the institution and the people that are influential in students’ learning.”

The prescription for this problem is one that no pharmacy can fill.

In their 2009 budget, and under their commitment to strengthening our health care system, the provincial government called upon our school to begin the process of increasing our enrolment. Their initial investment has allowed us to prepare for this future through the hiring of new faculty and staff, and the establishment of an office-site location for our clinical faculty as an interim measure to help alleviate the situation.

The university has proposed a new building to the provincial government in order to adequately house the expanded Pharmacy program. We are engaged in preliminary planning for an effective and integrated building which will also address the space needs of other university programs.

An announcement by government to approve this proposal would be welcomed as a strong acknowledgement of their commitment to enhanced pharmacy services in Newfoundland and Labrador — services that will meet the current and future health care needs of our province.

As a community of dedicated faculty, staff, students and alumni, we at the School of Pharmacy are ready and waiting to move forward and embrace the challenge of meeting these needs head-on.

I invite you to join us.

Sincerely,

Linda R. Hensman
EDUCATION

Enrolment Statistics:

<table>
<thead>
<tr>
<th></th>
<th>Bachelor of Science (Pharmacy)</th>
<th>Master of Science (Pharmacy)</th>
<th>PhD</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010–2011</td>
<td>160</td>
<td>2</td>
<td>5</td>
<td>167</td>
</tr>
<tr>
<td>2009–2010</td>
<td>161</td>
<td>1</td>
<td>5</td>
<td>167</td>
</tr>
<tr>
<td>2008–2009</td>
<td>160</td>
<td>1</td>
<td>5</td>
<td>166</td>
</tr>
<tr>
<td>2007–2008</td>
<td>137</td>
<td>4</td>
<td>5</td>
<td>146</td>
</tr>
<tr>
<td>2006–2007</td>
<td>118</td>
<td>4</td>
<td>4</td>
<td>126</td>
</tr>
</tbody>
</table>

WHERE DO OUR STUDENTS COME FROM?

Statistics for the class of 2014*

- Out of province: 23%
- Metropolitan St. John’s: 28%
- Rural NL: 49%

* Location based on where student completed high school
EDUCATION

The School of Pharmacy at Memorial University educates its students in an atmosphere that values creativity, excellence and innovation. As the smallest pharmacy program in Canada, our students receive individualized attention from faculty and staff and develop close relationships that last into their professional careers.

We are also the only pharmacy program in Canada which is accommodated in the same building as a faculty of medicine and a nursing school. Our location in the Health Sciences Centre also houses the General Hospital, the Dr. H. Bliss Murphy Cancer Centre, and the Janeway Children’s Health and Rehabilitation Centre.

During their education students are provided with many opportunities to learn and develop not only the foundational knowledge for practice but to apply and practice it during experiential learning periods.

Our program encourages students to become active participants in professional activities (e.g. Pharmacy Awareness Week) and to take on leadership roles in student societies such as Memorial University Pharmacy Students (MUPS) and Canadian Association of Pharmacy Students and Interns (CAPSI).

The students’ involvement with the Pharmacists’ Association of Newfoundland and Labrador (PANL) and the Newfoundland and Labrador Pharmacy Board (NLPB) and other organizations help them develop leadership and citizenship skills.

A bachelor of science in pharmacy at Memorial University is a four-year program. Individuals are required to obtain at least one year of pre-pharmacy prior to admission.

I feel so PROUD to be a part of this school. Before getting accepted, I would pass people with School of Pharmacy jackets on and feel like they were the TOP OF THE TOP. I really wanted to have the opportunity to become a part of the school and pursue a career that gives me the chance to help people on a daily basis. Being a student of SOP gives me a lot of pride — I’m on my way to being an ESSENTIAL part of the community. Yay!

— SOP student comment in annual communications survey
### ADMISSION

#### Application Statistics:

<table>
<thead>
<tr>
<th>Year of Application</th>
<th>Total Number of Applicants (NL/Non-NL)</th>
<th>Percentage of applicants admitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>281 (112/169)</td>
<td>14.2%</td>
</tr>
<tr>
<td>2009</td>
<td>256 (97/159)</td>
<td>15.6%</td>
</tr>
<tr>
<td>2008</td>
<td>284 (99/185)</td>
<td>14.1%</td>
</tr>
<tr>
<td>2007</td>
<td>335 (126/209)</td>
<td>11.9%</td>
</tr>
<tr>
<td>2006</td>
<td>317 (124/193)</td>
<td>12.6%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year of Admission (expected year of graduation)</th>
<th>Number Admitted (NL/Non-NL)</th>
<th>Number of Males/Females Admitted</th>
<th>Average Academic Score</th>
<th>Average Admission Score</th>
<th>Percentage holding an undergraduate degree or higher</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010 (2014)</td>
<td>40 (32/8)</td>
<td>15/25</td>
<td>81.0</td>
<td>77.1</td>
<td>25%</td>
</tr>
<tr>
<td>2009 (2013)</td>
<td>40 (33/7)</td>
<td>13/27</td>
<td>82.7</td>
<td>77.3</td>
<td>15%</td>
</tr>
<tr>
<td>2008 (2012)</td>
<td>40 (31/9)</td>
<td>17/23</td>
<td>82.3</td>
<td>78.3</td>
<td>15%</td>
</tr>
<tr>
<td>2007 (2011)</td>
<td>40 (30/10)</td>
<td>11/29</td>
<td>80.9</td>
<td>77.6</td>
<td>25%</td>
</tr>
<tr>
<td>2006 (2010)</td>
<td>40 (32/8)</td>
<td>12/28</td>
<td>83.1</td>
<td>76.1</td>
<td>12.5%</td>
</tr>
</tbody>
</table>
ADMISSION

Each year, many applications are received for entry into the pharmacy program at Memorial University, and it is considered a highly-competitive process to obtain one of the 40 placements available each fall. Applicants must have completed at least one year of post-secondary education, including 10 pre-requisite courses.

The first screening of applications is through the calculation of an academic score comprised of 50 per cent of the average of 10 pre-requisite courses plus 50 per cent of the cumulative average of all courses taken. Students are ranked and normally 96 students are selected for an interview.

A behavioural interview is used to identify the extent to which applicants possess non-academic characteristics deemed to be important to pharmacy study and practice. The interviews are conducted by a panel of three interviewers, consisting of one faculty member and two practicing pharmacists.

Data from the interviews is used to develop a non-academic score. An applicant’s admission score results from calculating 65 per cent of the academic score and 35 per cent of the non-academic score.

The admission scores are then ranked from highest to lowest for both the Newfoundland and Labrador pool and out of province pool of applicants. A minimum of 75 per cent of the seats are offered to bona fide residents of Newfoundland and Labrador with the remaining seats offered to out of province applicants.

“I enjoyed having a TOUR of the School of Pharmacy as well as meeting students who were STUDYING pharmacy at MUN. Additionally, as I REFLECTED on the interview later in the day, I realized certain things about myself and my GOALS that will be useful in deciding my preferred work environment as a PHARMACIST later in life.”

— School of Pharmacy applicant commenting on their admission interview
2010 GRADUATION AWARDS

The Canadian Association of Pharmacy Students and Interns (CAPSI)/Wyeth Guy Genest Passion for Pharmacy Award
*Meghan Wall*

Canadian Society of Hospital Pharmacists (CSHP) Clinical Excellence Award
*Meghan Wall*

Director’s 2010 Award for Academic Excellence
*Ammara Ghumman*

Director’s List
*Eryn Crane*
*Megan Dawe*
*Kelda Ghaney*
*Ammara Ghumman*
*Lacey McKinney*

Glaxo/Harlow Award in Clinical Pharmacy
*Sarah Strong*
*Meghan Wall*

Dr. L.R. Hensman Prize
*Meghan Wall*

Natural Medicines Comprehensive Database Recognition Award
*Ashling O’Mahoney*

The James J. O’Mara Award
*Julie Thorne*

The School of Pharmacy Clinical Awards
*Kelda Ghaney*
*Lisa Musick*
*Nikki Ryan*
*Renee Saunders*
*Julie Thorne*

Wyeth Award of Excellence
*Caley Cameron*

WHERE DO OUR GRADS GO?

Based on data collected in 2008 from 1990–2007 pharmacy grads

70% work in NL
33% work in rural areas
74% work in retail pharmacy

Basky G., Young S. and M. Matthews. “Maintaining a stable pharmacy workforce in Newfoundland and Labrador: Offering more training seats for NL students, better pay keys to keeping Memorial-trained graduates in province” Summary report, Division of Community Health and Humanities, Memorial University (2009).
In May 2010, 40 students graduated from Memorial University with their bachelor of science in pharmacy:

Kevin Andrews  Selena Corcoran  Stephanie Freake
Gregory Batt   Eryn Crane       Kelda Ghaney
Victor Benoit  Matthew Croucher  Ammara Ghumman
Lesley Best    Megan Dawe       Parag Jani
Mark Butt      Natacha Donovan  Giovanni Lagiorgia
Caley Cameron  Jamie Fitzgerald  James McIlessac

Lacey McKinney  Stephanie Freake
Stacy Martin    Kelda Ghaney
Brittany Matthews  Ammara Ghumman
Erika May       Parag Jani
Lisa Musick    Giovanni Lagiorgia
Meghan Newhook  James McIlessac
Ashling O’Mahoney  Lacey McKinney
Amy Randell    Stacy Martin
Phillip Reid   Brittany Matthews
Nikki Ryan     Erika May
Robyn Ryder    Lisa Musick
Renee Saunders  Meghan Newhook
Marie-Claire Savoie  Ashling O’Mahoney
Bipin Sethi   Ashling O’Mahoney
Ashley Sproul  Bipin Sethi
Danielle Stacey  Ashley Sproul
Sarah Strong  Danielle Stacey
Katy Thistle  Sarah Strong
Julie Thorne  Katy Thistle
Meghan Wall  Julie Thorne
Garrett Wells  Meghan Wall
Robert Wiseman  Garrett Wells
STUDENT AWARDS 2010

UNDERGRADUATE AWARDS

The Abbott Prize
Ashley Patterson

The Alcohol and Drug Dependency Commission Commemorative Award
Amanda Teti

Amerisource-Bergen Canada Scholarship/Bursary
Catherine Orr

Canadian Pharmacists Association Centennial Award
Julia Layman

The Drug Store Pharmacy (Dominion) Bursaries
Rosie Murphy
Nicole Thorne

The G.R. Duncan Prize in Pharmacy
Steven Byers

The Excellence in Compounding Award
Craig Currier

The Edward D. Freeman Bursary
Susanna Muggeridge

The Charles E. Frostt Scholarship in Pharmacy
Joshua Bragg

The Hapgood and Vey Family Award
Sara Wood

The Robert Heale Memorial Bursary
Karen Hawkin

The J. Keith Lawton Memorial Bursary
Ian Aucoin

The L.J. Lawton Memorial Award
Catherine Balsom

The McKesson Scholarship/Bursary
Jasmine Belanger
Michael O’Grady

The Merck Scholarship
Stefan Rideout

The Novopharm Scholarship/Bursary
Morgan Andrews
Stefan Rideout

The James J. O’Mara Awards
Lindsay Barbour
Stephen Coombs
Jennifer Horsfall
Julie Thorne

The Ottawa Pharmacy Alumni Scholarship
Lacey Corbett

The Panta Pharmaceutical Passion for Compounding Award
Melissa Kielly

The Pfizer Consumer Health Care Leadership Award
Steven Byers

The PharmaChoice Award
Scott Gillingham

Pharmasave Community Service Award
Justin Barron

Pharmasave Pharmacy Innovation in Patient Care Award
Nikita Butt
Stephen Coombs

ratiopharm Entrance Award
Yanfen Li

Sandoz Canada Inc. Scholarship/Bursary
Laura Halfyard
Sarai Hamodat
Robert McCarthy

The Sanofi-Aventis Canada Inc. Scholarships
Tyanne Dunn
Farah Hamodat
Annuity 2010-2011

The Schering-Plough Canada Limited Scholarship Bursary
Jennifer Horsfall

The School of Pharmacy Entrance Scholarship
Nelson Pearce
Sina Salehi

The Shoppers Drug Mart Associates Scholarships/ Bursaries
Katrina Legge
Tyler Parrill
Whitney Shea

The Augustus Stafford Memorial Scholarship
Joshua Bragg

The J. Joseph Dicks Memorial Bursary in Pharmacy
Vanessa Boone

The Kristine Cadigan Memorial Award
Laura Halfyard

The Jaclyn Rogerson Memorial Bursary in Pharmacy
Ava Hiltz

RESEARCH AWARDS

Association of Faculties of Pharmacy of Canada (AFPC) Pharmacy Student National Poster Awards
Meghan Wall

Merck Frosst 2010 National Summer Student Research Program Award
Sarai Hamodat

GRADUATE AWARDS

School of Pharmacy Graduate Millennium Award
Mohammed Shaker

Fellow of the School of Graduate Studies
Abeer Ahmed
Mohammed Shaker

DIRECTOR’S LIST

Class of 2011:
Catherine Balsom
Laura Halfyard
Jennifer Horsfall

Class of 2012:
Stephen Coombs
Sarai Hamodat
Stefan Rideout

Class of 2013:
Lindsay Barbour
Joshua Bragg
Deidre Clark
Robert McCarthy
Raman Sohi
MAKING A DIFFERENCE: TEACHING

PRESIDENT’S AWARD FOR DISTINGUISHED TEACHING FOR DR. LESLIE PHILLIPS

School of Pharmacy faculty member and Associate Dean, Undergraduate Program, Dr. Leslie Phillips has received a President’s Award for Distinguished Teaching.

Dr. Gary Kachanoski, president of Memorial University, bestowed the award upon Dr. Philips in a ceremony held in December 2010.

The award recognizes excellence in teaching over an extended period of years. It honours faculty who have demonstrated creativity and enthusiastic commitment to teaching, and have animated student interest in their discipline.

Under these criteria, no one at the school was surprised when Dr. Phillips was named a winner.

The award is the highest recognition among Memorial’s teaching community and is presented annually to at most two recipients in recognition of teaching excellence.

Each winner receives a $5,000 grant contributed by Memorial University.

Dr. Phillips spoke about her teaching methods in a video produced by Memorial’s awards office. Here is an excerpt:

“No matter what the illness is, or what the drugs, there is a process in a pharmacist’s mind that should go on.

“You have to think about what drugs are available for that illness. How do you pick which one? How long will it take to work? How do you figure out if it’s working or not? What do you do if it isn’t working? What types of side effects do you get? What do you do to stop them from happening? What do you do if they do happen, etc?

“I like to teach all that, but I also really want to make the students experience what it’s like to be that patient, because I need them to have empathy for that patient.
“They need to know that when a patient has schizophrenia, not only what it is but also what it feels like.

“One of my best ways I do that for that particular class is I make them pass around a set of headphones and listen to an audio tape of auditory illustrations of voices.

“I do that while I lecture, so they actually have to listen to the lecture while they are also listening to all these other conversations that are going on inside their head.

“I want them to really feel like how difficult it must be for an individual with schizophrenia and how in the real world, when you’ve got all these other distractions going on, what a challenge it is for that type of person.

“I hope that this helps the students empathize with that person, and help that person.

“I also like them to experience the medications like the patients, so if you have to take 20 pills a day — that’s a lot to have to take — so I like them to sort of figure how are you going to fit that into your daily schedule?

“They have to think about the fact that they are expecting that patient to take 10 or 15 pills at bedtime or multiple times a day, how would they fit that into their day?

“Or consider how do you swallow that medication, because there is a difference in how you swallow a capsule versus a tablet; or what things taste like.

“For instance, when a mom comes into the pharmacy and her kid has a fever, a pharmacist can recommend Tempra or Tylenol.

“Well, they don’t taste the same but they work the same, so why not recommend the one that tastes the best?

“How are you going to know that if you don’t actually taste it?

“So I like, where I can, to get them to experience what it’s like to actually taste these things, swallow them, etc.

“I guess it’s not really rocket science, it’s just me coming up with ideas, robbing ideas from my colleagues, trying them out to see if they work, keep it practical, try to keep it funny, and try to be entertaining . . . and sometimes it works.”
EXCELLENCE IN EXPERIENTIAL LEARNING

Each year approximately 150 pharmacists from all over Newfoundland and Labrador and across the country share their time and expertise with students from Memorial University’s School of Pharmacy through the school’s Structured Practice Experience (SPE) Program.

Through the SPE Program, preceptors provide supervision and mentoring to enable students to observe and practice the skills necessary to become a pharmacist. It is an essential step in bridging the gap between the academic study of pharmacy and the practice of pharmacy.

At the end of each SPE placement, pharmacy students are given the opportunity to nominate their preceptors for the Preceptor of the Year Award.

Two pharmacists, one from hospital pharmacy and one from community practice, are acknowledged each year with this award, which is sponsored by AstraZeneca.

Awards for the 2010 Preceptors of the Year were presented in September to Vicki Parsons for Community Pharmacy and Pamela Garrett for Hospital Pharmacy.

Vicki Parsons, of Lawton’s Drugs in Corner Brook, was nominated by Mario Lovell of the class of 2011.

“Vicki is a pharmacist like I’ve never seen before,” said Mario in his nomination. “She’s a well balanced mixture of both an intense pharmacist and down to earth person, which allowed me to learn many things about being a pharmacist.”

“I hope that someday I can be a preceptor and provide my students with the same opportunities that she provided me,” Mario continued. “She boosted my passion for pharmacy and put a picture of pharmacy in my head which will stay with me forever and I am so grateful for this.”

Pamela Garrett, of Northumberland Hills Hospital in Cobourg, Ontario, was nominated by Jennilee Harley of the class of 2012.
“Pam was an amazing preceptor who truly loved her pharmacy career,” said Jennilee. “She was extremely enthusiastic in teaching and working with me and was exceedingly committed to ensuring that I had a wonderful experience.”

“When I started my hospital SPE placement, I was sure that I would never work in a hospital pharmacy and was not looking forward to my placement at all. However, after I met Pam my whole idea of hospital pharmacy changed and Pam is the sole reason for this.”
We offer our sincere gratitude for the contribution of all of our preceptors who served between April 1, 2010 and March 31, 2011.

Without the dedication and support of these individuals, we would not be able to offer the highest quality education experiences for our students.

We also offer our thanks to all of the physicians, nurses and other health care professionals who participate in the experiential education of our students.

<table>
<thead>
<tr>
<th>Emmanuel Airewele</th>
<th>Brigit Conrad</th>
<th>Jeffrey Fost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chelsea Argent</td>
<td>Richard Coombs</td>
<td>Michelle Fowler-White</td>
</tr>
<tr>
<td>Karina Arnold</td>
<td>Marjorie Cooney</td>
<td>Lloyd Fudge</td>
</tr>
<tr>
<td>Mehrnaz Asadollahi</td>
<td>Elizabeth Cooper</td>
<td>Pam Garratt</td>
</tr>
<tr>
<td>Jaclyn Aucoin</td>
<td>Jody Croft</td>
<td>Renu Gill</td>
</tr>
<tr>
<td>Melanie Badcock</td>
<td>Robin Crosbie</td>
<td>Susan Gillingham</td>
</tr>
<tr>
<td>P. Dwayne Ballett</td>
<td>Bill Davis</td>
<td>Job Goulding</td>
</tr>
<tr>
<td>Raymond Bartlett</td>
<td>Johanna Dempster</td>
<td>Beth Hamilton</td>
</tr>
<tr>
<td>Gary Batt</td>
<td>Guy Desaulniers</td>
<td>Zeta Hannaford</td>
</tr>
<tr>
<td>Michael Batt</td>
<td>Catherine Dicks</td>
<td>Rachel Harris</td>
</tr>
<tr>
<td>Natalie Batten</td>
<td>Brett Dolman</td>
<td>Lynn Hartery</td>
</tr>
<tr>
<td>John Bautista</td>
<td>Kimberley Doucet-Myles</td>
<td>Chris Heitland</td>
</tr>
<tr>
<td>Frank Boland</td>
<td>Sara Downey</td>
<td>Lisa Hendry</td>
</tr>
<tr>
<td>Jennifer Boswell</td>
<td>Jason Druken</td>
<td>Brent Herritt</td>
</tr>
<tr>
<td>Bob Brennan</td>
<td>John Dwyer</td>
<td>Nuala Higgins</td>
</tr>
<tr>
<td>Keith Brown</td>
<td>Rebecca Ellis</td>
<td>Wanda Hindy</td>
</tr>
<tr>
<td>Marcia Buljan</td>
<td>Georgina Escott</td>
<td>Andrew Hiscock</td>
</tr>
<tr>
<td>Darryl Burke</td>
<td>Glynda Evans</td>
<td>Linda Hoang</td>
</tr>
<tr>
<td>Lisa Burry</td>
<td>Fady Faltas</td>
<td>Noelle Hookey</td>
</tr>
<tr>
<td>Darren Bursey</td>
<td>Natasha Farrell</td>
<td>David Houghton</td>
</tr>
<tr>
<td>Sarah Carpenter</td>
<td>Sarah Fennell</td>
<td>Catherine Howlett</td>
</tr>
<tr>
<td>Valerie Celeste</td>
<td>Trent Ferrish</td>
<td>David Hoyles</td>
</tr>
<tr>
<td>Stephen Champion</td>
<td>Jennifer Ficken</td>
<td>Maureen Hughes</td>
</tr>
<tr>
<td>Janice Chaulker</td>
<td>Terry Ficken</td>
<td>Anne-Marie Hull</td>
</tr>
<tr>
<td>Fred Chaytor</td>
<td>Kathy Fillier</td>
<td>Corey Hunt</td>
</tr>
<tr>
<td>Timothy Cobb</td>
<td>David Ford</td>
<td>Donna Hynes-Vail</td>
</tr>
</tbody>
</table>
Interested in becoming a preceptor? Please contact Wanda Spurrell at 709 777 6498 or visit our website for full details.

Thank you!
Usage Statistics — April 1–July 31, 2010 & September 22, 2010–March 31, 2011 (207 operational days*):

<table>
<thead>
<tr>
<th>Requestor</th>
<th>Number of requests</th>
<th>Percentage 2009–10</th>
<th>Percentage 2010–11</th>
<th>Average number of requests per day 2009–10</th>
<th>Average number of requests per day 2010–11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharmacist</td>
<td>66</td>
<td>84.6%</td>
<td>69.9%</td>
<td>1.57</td>
<td>0.85</td>
</tr>
<tr>
<td>Physician</td>
<td>7</td>
<td>9%</td>
<td>11.5%</td>
<td>0.17</td>
<td>0.14</td>
</tr>
<tr>
<td>Nurse</td>
<td>1</td>
<td>1.3%</td>
<td>5.5%</td>
<td>0.02</td>
<td>0.07</td>
</tr>
<tr>
<td>Other**</td>
<td>4</td>
<td>5.1%</td>
<td>13.1%</td>
<td>0.10</td>
<td>0.16</td>
</tr>
<tr>
<td>Total</td>
<td>78</td>
<td>100%</td>
<td>100%</td>
<td>1.86</td>
<td>1.22</td>
</tr>
</tbody>
</table>

* Due to a temporary closure, the DIC was operational for only 42 days in 2009–2010 fiscal year
** Other = students (pharmacy, nursing, medicine) and other health care practitioners (social worker, psychologist, dietician)

Break down of the 176 requests from pharmacists:

<table>
<thead>
<tr>
<th>Practice Site</th>
<th>Number of requests</th>
<th>Percentage 2009–10</th>
<th>Percentage 2010–11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community</td>
<td>37</td>
<td>51.6%</td>
<td>53.4%</td>
</tr>
<tr>
<td>Institution</td>
<td>11</td>
<td>16.7%</td>
<td>20.5%</td>
</tr>
<tr>
<td>Government</td>
<td>10</td>
<td>15.2%</td>
<td>3.4%</td>
</tr>
<tr>
<td>Faculty</td>
<td>8</td>
<td>12.1%</td>
<td>22.7%</td>
</tr>
</tbody>
</table>

Ms. Sharon Delaney, a community pharmacist with 35 years of experience, says the DIC is a valuable asset for pharmacists:

“I think it’s an excellent source of INFORMATION, particularly for pharmacists like me, who are working alone. When you’re WORKING on your own, it’s nice to have another source of information. I find it extremely informative and it’s an important part of my PRACTICE.”
The Drug Information Centre (DIC) is the leading provider of evidence-based drug information for health care practitioners in the province of Newfoundland and Labrador.

The DIC is operated by the School of Pharmacy at Memorial University and is currently located in the Health Sciences Centre Library. The provincial government’s department of health and community services also provides a small grant that supports approximately 10 per cent of the centre’s operations.

The School of Pharmacy works to ensure that this essential resource is regularly available to health care practitioners across the province at no charge. In September 2010, the centre grew to be staffed by two pharmacists, Elizabeth Woodford and Justin Peddle to better meet the needs of our population.

The DIC is available to help health care professionals in a variety of capacities. These may include assessing drug interactions, providing information on potential adverse effects of medications or dealing with therapeutics-related inquiries.

The service provided by the Drug Information Centre is a valuable resource for clinicians encountering complex drug-related issues. The DIC works to ensure it has access to the most up-to-date and comprehensive references that many clinicians lack. The centre thus provides the practitioner with a greater pool of information from which to make evidence-based clinical decisions.

Dr. Wallace Ingram, an internist at St. Clare’s Mercy Hospital, says the DIC is an essential service for physicians:

I’ve used it CONSTANTLY since it started. When I see a patient who is taking a number of drugs, and I’m going to add another drug to the list, I have to know if there will be any DRUG INTERACTIONS, and it will take me a long time to look that up for myself. So it’s very HANDY for me to be able to ask the experts at the DIC. Commonly I’ll get a reply within 24 hours, faxed to my office, with all of the REFERENCES. It’s really a great service. I don’t know how I managed for years without it.
Making a Difference: Student Engagement

The Little School That Could

With only 160 students at any given time, the School of Pharmacy represents less than one per cent of the entire student body of the university.

Yet given the numerous contributions our students make to the community, their impact rivals that of much larger groups.

At last year’s Relay for Life held on campus, six of the 82 teams represented were from the School of Pharmacy. This effort represented participation from one-third of all of our students and raised over $8,700 for the Canadian Cancer Society — which was 12 per cent of the total raised that day.

Sarah Alteen, class of 2011, says that being a part of such a small school really helps students come together like this. “I find we’re really close knit here,” she says. “Everybody really wants to help.”

In November, 47 students participated in the annual fundraiser for Prostate Cancer Canada, raising over $3,500 during the Movember campaign.

“This year was tremendous,” says Jamie Grandy, class of 2012, captain of the 2010 Movember Team MUN Pharmacy. “We had 80 per cent of all the guys here on board.”

In addition, students at the school help sponsor families in need at Christmas with numerous gifts of toys, clothing, household items and gift cards totalling thousands of dollars. There are also many less-formal instances when the students offer their time as volunteers for various initiatives.

Dr. Linda Hensman, dean of the School of Pharmacy, is very proud of the contributions that pharmacy students make to their community. “The involvement of the students from the School of Pharmacy in many worthy causes and in many volunteer activities demonstrates how their devotion to helping others goes far beyond their studies,” she said. “They inspire me as much as they do each other.”
TEACHING AND SUPPORT STAFF

Ms. Heather Bugler
Intermediate Secretary

Ms. Denise Burke
Clerk Stenographer

Ms. Jennifer Deon
Communications Co-ordinator
Accredited Business Communicator (ABC), International Association of Business Communicators

Ms. Csőp Glew
Manager of Academic Programs
B.Sc.(Urban Studies) Windsor, MA (Urban and Rural Planning) Wayne State

Ms. Debby Gulliver
Clerk Stenographer

Mr. Darcy McMeekin
Development Officer
BA, B.Ed. Nipissing, M.Ed. Memorial

Mr. Randy McFayden
Pharmacy Skills Laboratory Instructor
B.Sc. (Chemistry) New Brunswick, B.Sc. (Pharm.) Memorial

Mr. Justin Peddle
Drug Information Pharmacist
B.Sc.(Pharm.) Memorial

Mr. Jim Pelley
IT Consultant
B.Ed. Memorial, Dip. (Programmer Analyst) College of the North Atlantic

Ms. Paula Ryan
Laboratory Instructor
B.Sc., M.Sc. Memorial

Ms. Wanda Spurrell
Structured Practice Experience Program Coordinator
B.Sc.(Pharm.) Memorial

Ms. Sharon Tucker
Administrative Staff Specialist II

Ms. Elizabeth Woodford
Drug Information Pharmacist
B.Sc.(Pharm.) Memorial
OUR FACULTY AND STAFF

FACULTY

Dr. Linda R. Hensman
Dean and Associate Professor
B.Sc.(Pharm.) British Columbia, Pharm.D. SUNY at Buffalo, MBA Memorial

Ms. Tiffany Fahey
Lecturer
B.Sc.(Pharm.) Memorial

Dr. Lisa Bishop
Assistant Professor
(Cross appointment to Faculty of Medicine)
B.Sc.(Pharm.) Memorial, Pharm.D. Colorado

Ms. Terri Genge
Lecturer
B.Sc.(Pharm.) Memorial

Ms. Amy Conway
Lecturer
B.Sc.(Pharm.) Memorial

Ms. Tiffany Fahey
Lecturer
B.Sc.(Pharm.) Memorial

Dr. Mohsen Daneshtalab
Associate Dean, Graduate Studies and Research, and Professor
Cross appointment to Faculty of Medicine
Pharm.D. Tehran, PhD Tohoku

Dr. John Hawboldt
Associate Professor
(Cross appointment to Faculty of Medicine, joint appointment with Eastern Health)
BSP Saskatchewan, Pharm.D. Washington

Dr. Noriko Daneshtalab
Assistant Professor
(Cross appointment to Faculty of Medicine)
B.Sc.(Pharmacology) Alberta, PhD Alberta

Dr. Carla Dillon
Assistant Professor
(Cross appointment to Faculty of Medicine)
B.Sc.(Pharm.) Memorial, Pharm.D. Toronto

Dr. Jason Kielly
Assistant Professor
B.Sc.(Pharm.) Memorial, Pharm.D. Toronto

Dr. Debbie Kelly
Associate Professor
(Cross appointment to Faculty of Medicine, joint appointment with Eastern Health)
B.Sc.(Pharm.) Memorial, Pharm.D. Toronto

Dr. Scott Edwards
Clinical Assistant Professor, Faculty of Medicine and School of Pharmacy
B.Sc.(Neuro), B.Sc.(Pharm.) Memorial, Pharm.D. Washington

Dr. Joyce Kille-Marino
Visiting Assistant Professor
B.Sc. Penn State, PhD West Virginia, VMD Pennsylvania

Dr. Rebecca M.T. Law
Associate Professor
(Cross appointment to Faculty of Medicine)
B.Sc.(Pharm.) Toronto, Pharm.D. SUNY at Buffalo
Dr. Hu Liu  
Professor  
B.Sc.(Pharm.), M.Sc. Beijing Medical, PhD Alberta

Dr. Christopher W. Loomis  
Vice President Research and Professor  
B.Sc.(Hons.), M.Sc., PhD. Queen’s

Dr. Leslie Phillips  
Associate Dean, Undergraduate Studies, and Associate Professor (Cross appointment to Faculty of Medicine, joint appointment with Eastern Health)  
B.Sc.(Pharm.) Memorial, Pharm.D. British Columbia

Dr. Lili Wang  
Associate Professor  
B.Sc., M.Sc. Beijing Medical, PhD Alberta

Dr. Barbara Thomas  
Clinical Assistant Professor  
PhC, Pharm.D. Colorado

Dr. Laurie Twells  
Assistant Professor  
(Joint appointment with Faculty of Medicine) BA Memorial, M.Sc. University of London, PhD Memorial

Dr. John Weber  
Associate Professor  
(Cross appointment to Faculty of Medicine)  
B.Sc. Eastern Michigan, M.Sc. Montana, PhD Medical College of Virginia

Dr. Roy West  
Professor Emeritus  
M.Sc., PhD McGill

Dr. Husam Younes  
Adjunct Professor  
B. Sc.(Pharm.) Egypt, M.Sc.(Pharm.) Jordan, PhD Alberta

Dr. Stephanie W. Young  
Assistant Professor  
B.Sc.(Pharm.) Memorial, Pharm.D. Idaho State
PROFESSIONAL AWARDS AND ACTIVITIES

Dr. Lisa Bishop was selected as the Preceptor of the Year by the University of Colorado. She also serves on the Residency Training Committee with the Discipline of Family Medicine, Faculty of Medicine, Memorial University.

Dr. Mohsen Daneshtalab was invited by Osaka Prefecture University, Japan, as a guest professor, to present research lectures in May 2010 to graduate and honours students at the Department of Chemistry.

Dr. Carla Dillon continued as chair of the Atlantic Common Drug Review, Expert Advisory Committee, as well as becoming a faculty associate of the Centre for Collaborative Health Professional Education.

Dr. Carla Dillon and Dr. Barbara Thomas have become committee members of the Breastfeeding Coalition of Newfoundland and Labrador.

Dr. Scott Edwards was named the Clinician of the Year for 2010 by Eastern Health’s Allied Health Professional Practice Group. He also received Accreditation Canada’s Leading Practice Award in 2010 for his work on adjuvant treatment for breast cancer patients. He was also appointed to the Canadian Society of Hospital Pharmacists’ National Research Committee.

Dr. Linda Hensman continued to serve as a board member of the Newfoundland and Labrador Pharmacy Board (NLPB) and chair of their finance committee. She also serves as the NLPB representative on the board of the National Association of Pharmacy Regulatory Authorities (NAPRA) and chairs NAPRA’s National Committee on Regulated Pharmacy Technicians.

Dr. Linda Hensman, Dr. Deborah Kelly, Dr. Leslie Phillips, and Dr. Stephanie Young were named by the Newfoundland and Labrador Pharmacy Board as members of the group 100 Pharmacists — 1910 to 2010 which recognized the contributions of 100 Newfoundland and Labrador pharmacists over the past 100 years.

Dr. Linda Hensman and Dr. Barbara Thomas each received a 25-year service pin at the Pharmacists’ Association of Newfoundland and Labrador’s annual awards ceremony in September 2010.

In May 2010, Dr. Deborah Kelly was the recipient of the Bristol-Myers Squibb Award for Excellence in Pharmaceutical Teaching. Later that year, she received the 2010 Alfred G. Dawe Distinguished Service Award, from the Canadian Society of Hospital Pharmacists-NL Branch. Dr. Kelly was also the vice-chair of the Newfoundland and Labrador Pharmacy Board; a national advocacy representative with the Canadian Society of Hospital Pharmacists.
Pharmacists; a board member with the AIDS Committee of Newfoundland and Labrador; a member of the public and professional relations committee of the Pharmacists’ Association of Newfoundland and Labrador; and a member of the panel of examiners with the Pharmacy Examining Board of Canada.

Dr. Jason Kielly accepted a position as the president elect with the Canadian Society of Hospital Pharmacists-NL Branch. He also serves as a member of the Newfoundland and Labrador Pharmacy Board’s Registration and Licensing Committee and is a member of the Arthritis Society, NL Division’s Advocacy Committee.

Dr. Rebecca Law was president of the Newfoundland and Labrador Health in Pluralistic Societies and a member of the Wellness Coalition – Avalon East (Health and Wellness Subcommittee). She was a member of the Research and Evaluation Committee of the Canadian Interprofessional Health Collaborative and also served on their Quantitative Tools and Manuscript working groups. She was also a reviewer for the journal Pharmacotherapy, continued her work as editor of the Association of Faculties of Pharmacy of Canada (AFPC) newsletter, and was on the editorial board of Drug Evaluation (Hospital Pharmacy Edition).

Dr. Hu Liu and Dr. Lili Wang continued with their research project “Anti-inflammatory effect of omega-3 fatty acids” while also conducting collaborative research with Capital Medical University in Beijing, China on targeted anti-cancer drug delivery.

Dr. Hu Liu was a journal reviewer for several publications, including the European Journal of Medicinal Chemistry, the Journal of Pharmacy and Pharmacology, and Letters in Drug Design and Discovery.

Dr. Leslie Phillips received the Alumni of the Year award from the School of Pharmacy, Memorial University at the annual awards ceremony in September 2010. Dr. Phillips went on to receive a President’s Award for Distinguished Teaching later that year. Dr. Phillips was also an expert reviewer for the Canadian Pharmacists Association for psychiatric content in the CPS and Patient Self-Care and well as for Therapeutic Choices regarding the chapters on withdrawal syndromes. She was also an expert reviewer for the Pharmacy Group with Rogers Publishing for Pharmacy Practice in the section pertaining to Alzheimer’s disease and other dementias.

Dr. Laurie Twells continued as chair of the Breastfeeding Research Group under the Breastfeeding Coalition of Newfoundland and Labrador. Dr. Twells served as a reviewer for the CIHR Maternal and Child Health Initiative Awards Program as well as serving as an expert reviewer for the Canadian Medical Association Journal.

Dr. Lili Wang served as a reviewer for the Association of Faculties of Pharmacy of Canada’s Awards Program for 2010–2011.

Dr. John Weber was appointed a member of the editorial board of the World Journal of Translational Medicine.
MAKING A DIFFERENCE: INTERNATIONALLY

INTERNATIONAL COLLABORATIONS

Dr. Mohsen Daneshtalab, a professor of medicinal chemistry and the associate dean of graduate studies and research at the School of Pharmacy, spent several weeks in 2010 as a guest professor at the Osaka Prefecture University in Osaka, Japan.

Dr. Daneshtalab’s visit was only his most recent of many academic encounters throughout his career with this country, which is geographically just about the furthest away from Memorial as one could go.

Dr. Daneshtalab was born and raised in Iran, where he received his doctor of pharmacy degree from the University of Tehran. In 1972, he was selected by the Ministry of Education of Japan for a bursary to pursue his graduate studies in pharmaceutical sciences at the Tohoku University, where he obtained his doctor of philosophy degree in medicinal chemistry in 1976.

During his time spent working at the Faculty of Pharmacy at Tehran University from 1976–1985, Dr. Daneshtalab continued his research collaboration with not only his alma mater university, but with other colleagues in several other universities in Japan.

As a result of his research achievements during his time at Tehran University, Dr. Daneshtalab was selected by the Japan Society for Promotion of Science (JSPS) to visit Tohoku University as a JSPS Scholar. During this period, he was invited by Osaka University and Nagasaki University to present research lectures at those institutions, as well.

This opportunity expanded Dr. Daneshtalab’s acquaintance with other Japanese colleagues and, as a result, frequent invitations by Japanese universities for presenting research lectures and establishing scientific collaboration.

In September 1986, Dr. Daneshtalab came to Canada and joined the Faculty of Pharmacy at the University of Alberta (U of A). In 1987, he was also recruited by SynPhar Laboratories, a satellite research company of the Japanese Taiho Pharmaceutical.
For the next decade, Dr. Daneshtalab continued his academic activities at the University of Alberta while at the same time being actively involved in pharmaceutical research at SynPhar.

“When I was in Edmonton, that was a good learning process,” says Dr. Daneshtalab. “My philosophy on drug design is different from others — most university professors are not familiar with what is the requirement in industry, but I gained that knowledge during that experience and am able to mix both academic and industrial experience together. Being a professor and being in industry at the same time was tough, but I believe I gained.”

Dr. Daneshtalab was also instrumental in establishing a scientific exchange program between the Faculty of Pharmacy (U of A) and several Japanese universities (such as Hokkaido University, Chiba University, Meiji Pharmaceutical University, Toho University, Shizuoka University, and Health Sciences University of Hokkaido). This exchange program is still continued by the U of A.

In September 2000, Dr. Daneshtalab came to Memorial University's School of Pharmacy to initiate a graduate program in medicinal chemistry. His research since joining Memorial pertains to the discovery and development of new drugs and medications.

“My work targets two type of diseases: cancer and infectious diseases (bacterial, fungal, viral),” said Dr. Daneshtalab. “Although, nowadays, my focus is mostly on cancer.”

Dr. Daneshtalab currently has several graduate students working on the development of novel anti-cancer agents which are not toxic to the body.

“Traditional cancer treatment involves drugs that kill the cancer, but also harm other cells in the body,” he says. “The major emphasis of my work is finding some that are still effective in fighting cancer cells, but leave other cells unharmed.”

When asked how he felt about his most recent Japanese experience, Dr. Daneshtalab says: “This is the best type of scientific exchange, one that over one month becomes a win-win situation for both sides.”

“In every step of your life you learn new things, even now,” Dr. Daneshtalab concluded. “To me, teaching is a good way to learn. That’s why I always volunteer to teach. When you learn more, you are really more productive.”
RESEARCH AND TRAINING GRANTS

LISA BISHOP

Bishop L.D. (co-principal investigator), L. Fleet (co-principal investigator), Rourke J., Kirby F., Godwin M., Rahman P., Bursey F. and J. Donnan

Newfoundland and Labrador Centre for Applied Health Research Development Grant
Best Practice Prescribing in NL — How best practices in prescribing can influence patient care
Total grant: $6,969

DEBORAH KELLY / LESLIE PHILLIPS / STEPHANIE YOUNG

Kelly D., Phillips L. and S. Young
School of Pharmacy Undergraduate Research Fellowship
Determining Patient attitudes Regarding the Role of the Pharmacist
Total grant: $6,000

Kelly D., Phillips L. and S. Young
Pharmacists’ Association of Newfoundland and Labrador
Determining Patient attitudes Regarding the Role of the Pharmacist
Total grant: $2,000

REBECCA LAW

Newfoundland and Labrador Centre for Applied Health Research
Does a Dementia Unit reduce polypharmacy in a Veterans Pavilion?
Total grant: $29,001

HU LIU / LILI WANG

Liu H. and L. Wang
International Science and Technology Partnerships Canada
Marine oil derived pharmaceuticals for hospitalized patients
Total grant: $150,000 (2010–2011 allocation: $50,000)

LESLIE PHILLIPS

Kassam A., Gardner D., Phillips L., Remillard F., Patten S. and R. Christie
Mental Health Commission of Canada
The Impact of Contact-based Education on Pharmacy Students’ Attitudes towards People with Lived Experience of Mental Illness
Total grant: $12,000
LESLIE PHILLIPS / LAURIE TWELLS / LINDA HENSMAN

School of Pharmacy Undergraduate Research Fellowship
Metabolic Syndrome in a first episode psychosis population
Total grant: $5,000

JOHN WEBER

J. Weber
Natural Sciences and Engineering Research Council
Evaluating enzymes with novel functions in the cerebellum
Total Grant: $133,750 (2010–2011 Allocation: $26,750)

J. Weber
Canada Foundation for Innovation Infrastructure Operating Fund
Total Grant: $51,794 (2010–2011 Allocation: $16,800)

STEPHANIE YOUNG / LISA BISHOP / AMY CONWAY

Young S. (principal investigator), Bishop L.D., and A. Conway
Pharmacists’ Association of Newfoundland and Labrador (PANL)
Interventions performed by community pharmacists in Newfoundland and Labrador
Total grant: $5,000
SCHOLARLY PUBLICATIONS, PRESENTATIONS AND POSTERS

LISA BISHOP


Young S., Bishop L.D., Dillon C., Hawboldt J. and L. Twells. “Survey of patients’ and physicians’ satisfaction with a pharmacist managed anticoagulation program in a family medicine clinic”

- Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
- American College of Clinical Pharmacy Spring Practice and Research Forum (2010), Charlotte, N.C. (poster presentation)


- Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
- Family Medicine Forum (2010), Vancouver, B.C. (poster presentation)
CARLA DILLON


Young S., Bishop L.D., Dillon C., Hawboldt J. and L. Twells. “Survey of patients’ and physicians’ satisfaction with a pharmacist managed anticoagulation program in a family medicine clinic”

  • Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
  • American College of Clinical Pharmacy Spring Practice and Research Forum (2010), Charlotte, N.C. (poster presentation)


  • Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
  • Family Medicine Forum (2010), Vancouver, B.C. (poster presentation)


  • Canadian Conference on Medical Education (2010), St. John’s, N.L. (oral presentation)
  • Altogether Better Health 5: International Interprofessional Education Conference (2010), Sydney, Australia. (poster presentation)
MOHSEN DANESHTALAB


Daneshtalab M. “Life is chemistry,” Osaka Prefecture University (2010), Osaka, Japan. (invited lecture)


Daneshtalab M. “Principles of drug development,” Osaka Prefecture University (2010), Osaka, Japan. (invited lecture)

Daneshtalab M. “Structure-based design and syntheses of polycyclic quinolone-based molecules as DNA topoisomerase II inhibitors with potential antitumor activity,” Osaka Prefecture University (2010), Osaka, Japan. (invited lecture)


NORIKO DANESHTALAB


SCOTT EDWARDS


Edwards S. “The dream of the magic bullet: what GPO’s need to know about targeted therapies,” General Practitioners in Oncology Annual Conference (2010), Halifax, N.S. (oral presentation)

Edwards S. “The adherence of oral chemotherapy drugs,” General Practitioners in Oncology Annual Conference (2010), Halifax, N.S. (poster presentation)


JOHN HAWBOLDT


Young S., Bishop L.D., Dillon C., Hawboldt J. and L. Twells. “Survey of patients’ and physicians’ satisfaction with a pharmacist managed anticoagulation program in a family medicine clinic”

- Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
- American College of Clinical Pharmacy Spring Practice and Research Forum (2010), Charlotte, N.C. (poster presentation)


- Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
- Family Medicine Forum (2010), Vancouver, B.C. (poster presentation)


DEBORAH KELLY

Kelly D.V. “Issues in HIV treatment 2011,” “Infectious Disease rounds, Memorial University (2011), St. John’s, N.L. (oral presentation)

Kelly D.V. “HIV management: primary care in the next decade — cardiovascular risk and antiretroviral therapy,” HIV Team Rounds presentation, Eastern Health/Memorial University (2010), St. John’s, N.L. (oral presentation)

Kelly D.V. “Assessing and managing metabolic complications of psychotropic medications,”

• Psychiatry continuing education presentation, Eastern Health (2010), St. John’s N.L. (oral presentation)
• Family Medicine continuing education presentation, Eastern Health (2011), St. John’s N.L. (oral presentation)


Kelly D.V. “What’s new in the 2009 Canadian Dyslipidemia Guidelines? A primer for Pharmacists,” Pharmacists Association of Newfoundland and Labrador Annual Conference (2010), St. John’s, N.L. (oral presentation)

Clark D., Young S., Phillips L. and D. Kelly. “Determining patient attitudes and interest in expanded pharmacist services,” School of Pharmacy Research Competition (2010), St. John’s, N.L. (poster presentation)

REBECCA LAW


HU LIU

Liu H. “Early detection of atherosclerosis,” Capital Medical University (2010), Beijing, China. (oral presentation)

Liu H. “Cold ocean derived pharmaceuticals,” Ningxia Medical University (2010), Yinchuan, China. (oral presentation)

LESLIE PHILLIPS


Clark D., Young S., Phillips L. and D. Kelly. “Determining patient attitudes and interest in expanded pharmacist services,” School of Pharmacy Research Competition (2010), St. John’s, N.L. (poster presentation)

LAURIE TWELLS


Twells L. and L. Newhook. “You’re not going at that! A qualitative study to explore new mothers’ attitudes, beliefs, and values around their decision not to breastfeed,” Primary HealthCare Partnership Forum (2010), St. John’s, N.L. (oral presentation)


- Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
- Family Medicine Forum (2010), Vancouver, B.C. (poster presentation)

Young S., Bishop L.D., Dillon C., Hawboldt J. and L. Twells. “Survey of patients’ and physicians’ satisfaction with a pharmacist managed anticoagulation program in a family medicine clinic”

- Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
- American College of Clinical Pharmacy Spring Practice and Research Forum (2010), Charlotte, N.C. (poster presentation)
JOHN WEBER


STEPHANIE YOUNG

S. Young. “Self-monitoring of blood glucose: where do we go from here?” Pharmacists’ Association of Newfoundland and Labrador Annual Conference (2010), St. John’s, N.L. (oral presentation)


- Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
- Family Medicine Forum (2010), Vancouver, B.C. (poster presentation)

Young S., Bishop L.D., Dillon C., Hawboldt J. and L. Twells. “Survey of patients’ and physicians’ satisfaction with a pharmacist managed anticoagulation program in a family medicine clinic”

- Primary Healthcare Partnership Forum (2010), St. John’s, N.L. (poster presentation)
- American College of Clinical Pharmacy Spring Practice and Research Forum (2010), Charlotte, N.C. (poster presentation)

Clark D., Young S., Phillips L. and D. Kelly. “Determining patient attitudes and interest in expanded pharmacist services,” School of Pharmacy Research Competition (2010), St. John’s, N.L. (poster presentation)
STUDY UNCOVERS LOW AWARENESS OF THE HEALTH RISKS OF OBESITY

“Join Weight Watchers now for free!” “Get the lowest price ever on Nutri-System!” “Introducing the Slim Fast 3-2-1 Plan!” “All treadmills now on sale!”

It seems that everywhere you look, everyone is thinking of weight loss.

But are Newfoundlanders and Labradorians truly aware of the dangers of being overweight?

A recent study conducted in the province seems to indicate that this may not be the case.

Dr. Laurie Twells, an assistant professor at Memorial’s School of Pharmacy and Faculty of Medicine, led the study, entitled “The Relationship Among Body Mass Index (BMI), Subjective Reporting of Chronic Disease, and the Use of Health Care Services in Newfoundland and Labrador, Canada,” which was published in Population Health Management in 2010.

This study found that the majority of obese (those with a BMI of 30–35) and morbidly obese (those with a BMI of over 35) individuals in the province self-rated themselves as in good, very good or excellent health, pointing to a lack of awareness regarding the health risks associated with obesity.

The study confirmed that the health risks associated with obesity are significant.
Dr. Twells and her colleagues found obese and morbidly obese individuals were more likely than their non-obese peers to report having been diagnosed with several chronic conditions.

They found obese and morbidly obese individuals in our province:

- are four times and six times more likely to have cerebrovascular (including high blood pressure, heart, stroke) diseases compared to normal weight individuals
- are two times and five times more likely to report having diabetes
- are five times and six times more likely to report high blood pressure

In addition, the morbidly obese had double the number of visits in the previous year to a general practitioner, compared to normal-weight individuals.

Dr. Twells analyzed data from 2,345 people living in Newfoundland and Labrador who had responded to the Canadian Community Health Survey in 2001.

She believes that there is a need to increase public awareness in Newfoundland and Labrador, and move more people to being aware of their own BMI and the risks to their health.

“The issue we’re challenged with at the moment is that excess body fat in our society — and in Canada — has become the norm,” Dr. Twells stated. “Sixty to seventy per cent of our population across the country are overweight or obese. So what we see when we look around is everybody that looks like us.”

“We’ve lost the message that excess body weight actually puts you at increased health risk for certain conditions, and potentially premature mortality.”

Dr. Twells is also concerned about the ability of the health system to cope.

“The obesity epidemic is a nationwide problem, but our province has the highest rates in Canada,” she said. “I am not confident that the healthcare system and practitioners in Newfoundland and Labrador, and other provinces, can cope with the current demand and potential future demand from the increased numbers of obese individuals.”

“I think that governments need to get involved in promoting healthy living on a much wider scale.”
The 2nd annual School of Pharmacy Golf Tournament received generous support from the many individuals and companies who participated on August 17, 2010. Almost $7,000 was raised which allowed several of our underfunded scholarships and awards to become fully endowed — a wonderful achievement!

A THOUSAND THANKS

This past year has been a great year for philanthropy at the School of Pharmacy. We have seen our alumni, friends, corporations and organizations come forward with support for our students.

Scholarships, bursaries and awards continue to play an important part in the success of our students. We are extremely grateful for the new awards and scholarships that have been generously created in the last year.

In addition, we were pleased to see our Legacy Society expand this year to include generous individuals whose passion for pharmacy education is reflected in their long term giving plans.

To learn more about how you can become a supporter of pharmacy education please visit www.mun.ca/pharmacy/support or contact our Development Office at 709 777 8977.

OUR DONORS

LEGACY
The Legacy Society honours those individuals who have made long term plans to support the university through a planned gift
Anonymous x 2
Dr. Linda Hensman

PRESIDENT’S CIRCLE
Donations $10,000 and greater
Michael and Tracey Batt
ALTUM

Donations between $1,000 and $4,999

GlaxoSmithKline Inc.
Dr. Linda Hensman
Loblaw
Merck
Pharmasave Drugs (Atlantic) Ltd.
ratiopharm
SOP Class of 1995

Shoppers Drug Mart
TEVA Canada Limited
Beverley Vey

FRIENDS

Donations under $1,000

Abbott Laboratories Limited
AmerisourceBergen Canada Corp.
Anonymous
Jennifer Ball
Natalie Beckett
Dr. Lisa Bishop
Tara Blackwood
Karen Burton
Lynn & John Cadigan
Diana & Gerald Cadigan
Carolyn Calloway
Lorie Carter
Sheila Connolly
Margaret & Harold Connors
Amy Conway
Melanie Crewe
Megan Dawe
Kent Decker
Gillian Delaney
Guy Desaulniers
Dr. Carla Dillon
Sara Downey
Robert Doyle
Damian Drover
Tiffany Fahey
Trevor Favaro
Sarah Fennell
Jennifer Flower
Rodney Forsey
Neil Fortune
Patrick Gear
Terri Genge
Dr. Jonathan & Tammy Greenland
Dr. Roland Halil
Jeremy Harnum
Amanda Kean
Glenn Keeping
Gillian Kelland
Dr. Deborah Kelly
Drs. Jason & Nadine Kielly
Ashley Layden
Dr. Laurina Leyenaar
Dr. Hu Liu
Rachel Luther
Mary MacKenzie

McKesson Canada
Kathleen McLean
Carla Mengual-Fanning
Warren Nethercott
Angela Newhook
Hao Nguyen
Beverly Peddle
Dr. Co Pham
Dr. Leslie Phillips
David Power
Christopher Randell
Michael Renouf
Dion Ross
Zan Saleemi
Rodney Sheppard
Dr. Evan Simpson
Todd Squires
Brad Stuckless
Mark Taylor
Miranda Thornhill
Christina Vairinhos-Butt
Alicia Wall
Wyeth Canada
DEVELOPMENT 2010–2011

Donation Overview

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td># of Alumni Donors</td>
<td>82</td>
<td>70</td>
<td>53</td>
</tr>
<tr>
<td># of Friends of the School</td>
<td>9</td>
<td>10</td>
<td>17</td>
</tr>
<tr>
<td># of Corporations &amp; Organizations</td>
<td>16</td>
<td>17</td>
<td>12</td>
</tr>
<tr>
<td><strong>Total # of Donors</strong></td>
<td><strong>107</strong></td>
<td><strong>97</strong></td>
<td><strong>82</strong></td>
</tr>
<tr>
<td>Funds from Alumni Donors</td>
<td>$7,392</td>
<td>$5,965</td>
<td>$19,548</td>
</tr>
<tr>
<td>Funds from Friends of the School</td>
<td>$2,570</td>
<td>$3,345</td>
<td>$4,130</td>
</tr>
<tr>
<td>Funds from Corporations &amp; Organizations</td>
<td>$25,500</td>
<td>$33,609</td>
<td>$16,760</td>
</tr>
<tr>
<td><strong>Total Funds Raised</strong></td>
<td><strong>$35,462</strong></td>
<td><strong>$42,919</strong></td>
<td><strong>$40,438</strong></td>
</tr>
<tr>
<td>% of Funds raised from Alumni Donors</td>
<td>20.85%</td>
<td>13.90%</td>
<td>48.3%</td>
</tr>
<tr>
<td>% of Funds raised from Friends of the School</td>
<td>7.25%</td>
<td>7.79%</td>
<td>10.2%</td>
</tr>
<tr>
<td>% of Funds raised from Corporations &amp; Organizations</td>
<td>71.91%</td>
<td>78.31%</td>
<td>41.5%</td>
</tr>
<tr>
<td>% of Alumni Giving to the School</td>
<td>13.14%</td>
<td>10.57%</td>
<td>7.6%</td>
</tr>
</tbody>
</table>

Allocation Overview

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarships</td>
<td>$27,169</td>
<td>$19,600</td>
<td>$38,356</td>
</tr>
<tr>
<td>Research</td>
<td>-</td>
<td>$1,180</td>
<td>$350</td>
</tr>
<tr>
<td>Student Enrichment</td>
<td>$6,000</td>
<td>$20,200</td>
<td>$55</td>
</tr>
<tr>
<td>Unrestricted</td>
<td>$2,068</td>
<td>$1,940</td>
<td>$1,677</td>
</tr>
<tr>
<td>Professional Practice Lab</td>
<td>$225</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total Funds Raised</strong></td>
<td><strong>$35,462</strong></td>
<td><strong>$42,919</strong></td>
<td><strong>$40,438</strong></td>
</tr>
</tbody>
</table>
Scholarships Overview

<table>
<thead>
<tr>
<th></th>
<th>Number of Scholarships in Category</th>
<th>Percentage of Scholarship Pool</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endowed</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td>Term</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Annual</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td><strong>Total Number of Scholarships</strong></td>
<td><strong>31</strong></td>
<td><strong>38</strong></td>
</tr>
<tr>
<td>Possible Number of Awards Recipients</td>
<td>44</td>
<td>50</td>
</tr>
<tr>
<td>Single Recipient Scholarships</td>
<td>22</td>
<td>28</td>
</tr>
<tr>
<td>Multiple Recipient Scholarships</td>
<td>9</td>
<td>10</td>
</tr>
</tbody>
</table>

LONG-TIME DONOR

Jennifer Flower, a graduate of the class of 1992, has the distinction of being the school’s longest annual consistent donor to the school.

Ms. Flower works at Ross Drugs in her hometown of Fredericton, New Brunswick alongside four other pharmacy graduates from Memorial.

When asked why she has donated for such a long duration, Ms. Flower replied “I loved Memorial and I was so happy to come out of the pharmacy program and be able to get a good job right away.”

Ms. Flower is now married with two children, and has reduced her work load to part time. But she has never wavered in her habit of consistent donations.

“You don’t notice it when it comes off your cheque so regularly,” she said. “I’m happy to do it. That’s just me.”

LONG-TIME DONOR

Jennifer Flower, a graduate of the class of 1992, has the distinction of being the school’s longest annual consistent donor to the school.

Ms. Flower works at Ross Drugs in her hometown of Fredericton, New Brunswick alongside four other pharmacy graduates from Memorial.

When asked why she has donated for such a long duration, Ms. Flower replied “I loved Memorial and I was so happy to come out of the pharmacy program and be able to get a good job right away.”

Ms. Flower is now married with two children, and has reduced her work load to part time. But she has never wavered in her habit of consistent donations.

“You don’t notice it when it comes off your cheque so regularly,” she said. “I’m happy to do it. That’s just me.”
MAKING A DIFFERENCE: GIVING BACK

DEMONSTRATING LEADERSHIP IN PHARMACY PHILANTHROPY

When it comes to giving back to the School of Pharmacy at Memorial, Dr. Co Pham is leading the way.

Dr. Pham is a graduate of the school from the class of 2000, living in Ottawa, where he is a senior scientific advisor with Health Canada. He also lectures and collaborates with the University of Montreal’s Faculty of Pharmacy.

Last year, Dr. Pham joined forces with his friends and fellow alumni, Dr. Roland Hall and Ms. Hao Nguyen, to establish the Ottawa Pharmacy Alumni Scholarship. All three hail from Ottawa, and were friends even prior to starting pharmacy school at Memorial.

“It just dawned on me one year that all three of us had gotten to a point where we could contribute,” said Dr. Pham. “We were already contributing to various charities and functions, and asked ourselves, “Why not give back to our own profession? And what better way to do it than with our alma mater in a way that we could help develop fellow future pharmacists?”

“I knew it wouldn’t be too much of a financial stretch for any of us, to combine and do something like this,” continued Dr. Pham. “But together it’s more significant.”

This scholarship provides $1,000 annually to a student in their third or final year of the pharmacy program in recognition of that student’s strong commitment to extra-curricular activities.

Lacey Corbett in the class of 2011 received the inaugural award in 2010.

Now Dr. Pham is back again to launch an endowed award on his own, the Dr. Co Pham and Family Award.
“Under the same premise and thinking as the first scholarship, I was thinking to expand my contribution and provide something that was more solid,” said Dr. Pham. “The notion of an endowment is in perpetuity, something that will continue forever, and I like that aspect of it.”

When asked why he is so passionate about giving back to Memorial, Dr. Pham was emphatic about his reasons.

“Many other faculties have graduates and alum that do this kind of thing,” Dr. Pham said. “Professional faculties like law and dentistry and medicine, they all have sort of a cultural understanding that this is something that is important and required.”

“We don’t see that yet within our profession.“

“I want to demonstrate to my fellow alums that we are professionals, we are capable, and although we may give elsewhere, it is still very important to share right back to within our profession for the future development of pharmacists,” Dr. Pham states.

“I think it’s essential to breed that culture as a professional faculty and recognize that this is where we started.”

As we GROW and DEVELOP and broaden our horizons and pad our own coffers, we have to remember that GIVING BACK is something very IMPORTANT and should happen.
School of Pharmacy
Health Sciences Centre
Memorial University of Newfoundland
St. John’s, Newfoundland and Labrador
A1B 3V6 CANADA

Tel: 709 777 8300
Fax: 709 777 7044

pharminfo@mun.ca
www.mun.ca/pharmacy

Follow us on Facebook