Rich man, poor man: Health care issues and food

BY JANICE LABOSSIERE
For The Bulletin

A visual representation of how the world eats, in the form of a unique dining experience, took place on April 19 at the U of M’s Bannatyne Campus.

Organized by students in the Faculty of Medicine, the Rich Man, Poor Man dinner emphasized global inequalities of food consumption. At every table of eight, one person was randomly selected to receive an extravagant meal, while the other seven guests received a meal representative of what a 90 per cent of the world would eat. 150 students, staff and faculty took part in the inaugural event.

The concept, originally started by University of Calgary medical students, strives to raise awareness about the unequal distribution of resources around the globe and how this contributes to global and local poverty. World-wide, over 852 million people do not have enough food to meet their basic nutritional needs and approximate one-third of people on earth do not meet their intellectual potential because of vitamin and mineral deficiencies.

Proceeds from the dinner supported Winnipeg Harvest. David Northcott, executive-director of Winnipeg Harvest, gave an impassioned keynote speech about what nutrition means to the disadvantaged.

"It's justice food or charity food, I don't care — it's food, and that's what we're helping with here tonight," he said, encouraging participants to think of food bank usage as a health care issue.

Christine Yurkowski (Med II) and Yael Shrom (Med I), the Manitoba Medical Student Association’s global health representatives, also gave a presentation about Winnipeg Harvest volunteers they met while volunteering at the food bank.

"Take the time to appreciate not only the impact of the organization that you’ve supported by being here today, but also to appreciate the impact that these volunteers have had on their community. Imagine how much more difficult each of their lives would be without Winnipeg Harvest and know that you’ve made a difference tonight," Yurkowski said.
THE U OF M IN THE NEWS

New breast cancer subtypes will improve care

The Globe and Mail, CBC.ca, Montreal Gazette, Toronto Star
April 18

Breast cancer tumours have 10 subtypes, a scientific discovery that offers a roadmap to finding more tailored treatments, researchers say. Investigators from the Manitoba Institute of Cell Biology at the U of M were involved in a study that analyzed 2,000 tumour samples from women to “build the genetic encyclopedia of breast cancer.” Other investigators included the BC Cancer Agency and Cancer Research UK’s Cambridge Research Institute. Until now, breast cancer was classified based on biomarkers such as estrogen receptors. Drugs such as tamoxifen and Herceptin are prescribed based on the results of tests performed on breast cancer tumour samples from women to “build the genetic encyclopedia of breast cancer,” says the study’s co-lead author, Sam Aparicio of the BC Cancer Agency in Vancouver. The underlying genetics offer important information on why these differences occur and could guide treatment decisions.

Radiant food

CTV.ca
April 18

A new survey shows Canadians might be willing to eat food with small doses of radiation to prevent foodborne illnesses. The survey found that while Canadians are concerned about food contamination, most don’t know much about gamma and X-rays. The online survey found 57 per cent of respondents had not heard of irradiation, which is a process that exposes foods to minute doses of radiation to kill off bacteria. For example, Professor of food safety and microbiology at the U of M, says irradiating meat would mean fewer Canadians would get sick every year from food poisoning. “By irradiating just poultry, we could immediately tomorrow, reduce foodborne illnesses overall by 22 per cent in Canada,” he told reporters. Holley says the government should move forward with the process, given the 2008 Maple Leaf Foods crisis, when listeria contaminated deli meats that killed 22 people and made another 57 people sick.

Water park not so awesome

Winnipeg Free Press
April 13

Winnipeg’s plan to sell a prime parcel of downtown land to a water-park developer has raised more concerns about the city’s ability to control development. The city’s planning department at the U of M. “Just because there’s an empty site, doesn’t mean we put something on it. What is the plan?” she asked. “That whole west side of Waterfront Drive is what greets you when you come from the other side of the (Red) River. It’s what welcomes you into downtown. So how does a water park fit into this making a good place rather than just having another attraction?”

Headlines

“High fidelity: Alternative radio still alive and well on campus.”

“It’s what welcomes you into downtown. So how does a water park fit into this making a good place rather than just having another attraction?”

Nahlah Ayed returns to U of M

The Bulletin
May 3, 2012

Nahlah Ayed presents headline-grabbing stories on a national and international scale. Since last year, the U of M has foregone its usual paywall for stories featuring Nahlah Ayed. Ayed returns to her alma mater U of M.

‘Long-term certainty’ preferred: AUCC strikes Access Copyright deal

The Bulletin
May 3, 2012

BY MARIANNE PAY WEBE

An agreement between the Association of Universities and Colleges of Canada (AUCC) and the licensing body that collects copyright fees on behalf of writers and publishers was announced April 13. The U of M will be signing on before the May 15 deadline.

Since last year, the U of M has foregone its longstanding relationship with Access Copyright in favour of adopting “Fair Dealing” copyright guidelines, as was recommended by AUCC during the protracted dispute in which Access Copyright was seeking a $45 per student fee from its member universities. The steep fee increase drew sharp criticism from many faculty, student and library groups, accusing the copyright collective of not responding to shifting patterns of use in the global copyright landscape, including the trend towards a more open access approach to content.

AUCC has negotiated that initially-proposed figure down to an annual royalty fee of $26 per full-time-equivalent student for the right to copy and distribute copyright-protected works.

The previous agreement required a flat fee of $3.38 per student plus 10 cents per page for photocopied materials included in course packs; this resulted in total generated revenues for the copyright collective of $18 to $19 per student. The new agreement reflects the new reality of copy distribution and covers material in both print and digital formats; previously the arrangement covered only printed material.

Earlier this year, both U of T and Western University made separate agreements with the copyright collective, which required them to pay a $27.50 fee. (A clause in the agreement ensures that the two institutions will now pay the lower fee negotiated with AUCC.)

Paul Davidson, AUCC president, says the new agreement provides universities with “long-term certainty on price and access to a new range of digital materials.”

In fact, it may be much too early in the global copyright-scape to give up collective considerations of copyright altogether.

Universties are not only users of copyrighted materials but also creators,” points out Christine Tausig Ford, AUCC vice-president and chief operating officer. “This agreement strikes a fair balance and gives universities long-term security.”

“What critics of this agreement fail to address is the need of creators to make living,” notes Robin Metcalfe. A curator at Saint Mary’s University Art Centre, Metcalfe considers this the perspective that students and faculty are usually not put in the position of having to consider the copyright material, failure to recompense them in other, “more creative” ways. Collective licences such as this are by far the best solution: they are the least costly administratively and allow the greatest freedom of use.

Great interest, director and general counsel for the U of M, weighs in on the side of the agreement as well. The agreement provides universities with a risk-management tool, he says.

Obtaining licensing requirements from a collective deal rather than negotiating separate agreements gives universities certain benefits. “There’s an indemnity in this agreement,” he said. Those who sign it, he the U of M will do, will be safe from an infringement claim from publishers that operate through Access Copyright.

“The agreement gives us security for a certain period of time,” he said. “From our perspective it’s a calculated exception.” The agreement also gives universities rights to some materials that are otherwise difficult to obtain, such as a single chapter from a textbook, he added.

A long-term agreement avoids the prospect of another long, difficult and expensive tariff dispute.

With files from Rosanna Tamurri, University Affairs

For more information, see AUCC website.

TERRITORY

FROM THE FRONT LINES OF HOT ZONES

Throughout the Middle East, Asia and CBC foreign correspondent Nahlah Ayed presents headline-grabbing stories on a daily basis. But during a luncheon at the U of M with student ambassadors from the World W.I.S.E. program on April 23, Ayed switched from reporter to subject and fielded questions from students. Ayed’s visit prefaced the launch of her memoir A Thousand Farewells: A Reporter’s Journey From Refugee Camp to the Arab Spring at McNally Robinson Bookellers, and was an opportunity to connect with students with whom she shares a unique bond. Since 2010, the International Centre for Students (ICS), which runs the World W.I.S.E. program, has presented the annual Nahlah Ayed Prize for Student Leadership & Global Citizenship to a pair of student who demonstrate vision, leadership and activities that demonstrate good global citizenship.

A thousand farewell

“The Bulletin is the newspaper of record for the University of Manitoba. It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

It is published on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.

EDITOR
Marlanne May Wong
Phone 474 8111 Fax 474 7631
Email bulletin@umanitoba.ca

ACADEMIC ADVERTISING
Phone 474 7195 Fax 474 7505
Email kathy_node@umanitoba.ca

EDITORIAL COVERAGE

The Bulletin welcomes submissions from members of the university community letters to the editor, columns, news and story photographs.

SUBMISSIONS
The Bulletin welcomes submissions from members of the university community letters to the editor, columns, news and story photographs.

THE BULLETIN is the newspaper of record for the University of Manitoba.

It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

Material in The Bulletin may not be reprinted or broadcast without the express permission of the contributor and the Bulletin. Please contact editor for policy.

The Bulletin is a periodical on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.

THE BULLETIN is the newspaper of record for the University of Manitoba. It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

Material in The Bulletin may not be reprinted or broadcast without the express permission of the contributor and the Bulletin. Please contact editor for policy.

The Bulletin is a periodical on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.

THE BULLETIN is the newspaper of record for the University of Manitoba. It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

Material in The Bulletin may not be reprinted or broadcast without the express permission of the contributor and the Bulletin. Please contact editor for policy.

The Bulletin is a periodical on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.

THE BULLETIN is the newspaper of record for the University of Manitoba. It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

Material in The Bulletin may not be reprinted or broadcast without the express permission of the contributor and the Bulletin. Please contact editor for policy.

The Bulletin is a periodical on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.

THE BULLETIN is the newspaper of record for the University of Manitoba. It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

Material in The Bulletin may not be reprinted or broadcast without the express permission of the contributor and the Bulletin. Please contact editor for policy.

The Bulletin is a periodical on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.

THE BULLETIN is the newspaper of record for the University of Manitoba. It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

Material in The Bulletin may not be reprinted or broadcast without the express permission of the contributor and the Bulletin. Please contact editor for policy.

The Bulletin is a periodical on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.

THE BULLETIN is the newspaper of record for the University of Manitoba. It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

Material in The Bulletin may not be reprinted or broadcast without the express permission of the contributor and the Bulletin. Please contact editor for policy.

The Bulletin is a periodical on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.

THE BULLETIN is the newspaper of record for the University of Manitoba. It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

Material in The Bulletin may not be reprinted or broadcast without the express permission of the contributor and the Bulletin. Please contact editor for policy.

The Bulletin is a periodical on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.

THE BULLETIN is the newspaper of record for the University of Manitoba. It is published by the communications department every second Thursday by Faculty of Arts and Social Sciences, and monthly in December, January, February, June, July and August.

Material in The Bulletin may not be reprinted or broadcast without the express permission of the contributor and the Bulletin. Please contact editor for policy.

The Bulletin is a periodical on paper that includes recycled content. The Bulletin does not hold exclusive copyright. Please contact editor for policy.
Get a head start: Orientation

BY ANGELA HECK
For The Bulletin

As part of the process of orienting new students, student life will be coordinating a day of events designed to provide information to students and their families about campus services, direct entry faculties and preparing for the university experience. Head Start, formerly known as the Parents Program, will take place June 2 on the Fort Garry campus. The name change reflects the demographics of the people attending the event who are not just parents, but students, friends and family.

It is also a reflection of the purpose of the summer event. The event is geared towards providing students and families a “head start” in preparing to attend university.

Head Start is the kick-off to the overall student orientation process which culminates in two days of information, fun and festivities on September 4-5, 2012.

See more at: umanitoba.ca/orientation

Science set to rendezvous on campus

For the third year running, U of M will participate in Science Rendezvous, a grassroots, non-profit organization that partners with Canada’s top research institutions to present an annual science fair free to everyone. Each year, the festivities include hands-on activities, exciting demonstrations and explosive experiments, to “light the spark of curiosity... where people and science meet,” according to the Science Rendezvous website.

It all takes place on Saturday, May 12, from 10:00 a.m. until 3:00 p.m. in the Engineering and Information Technology Complex (EITC). This year’s participants at the University are: Let’s Talk Science; Faculty of Agricultural and Food Science; Faculty of Engineering; Clayton H. Riddell Faculty of Environment, Earth, and Resources; Faculty of Human Ecology; and the Faculty of Science.

Events planned, so far are workshops such as “Let’s Talk Science” (hands-on activities for children), “Slimy Surprises“ (making slime), “Make your own thermometer,” “Candy DNA,” “Sew an E. coli,” a chemistry magic show and more. The event is open to all. Last year there were approximately 400 attendees, including children and their parents, grandparents and guardians.

Longer days for daily bread

From April 24 until August 30, while some other campus eateries close, The Daily Bread Cafe in St John’s College is expanding its hours. It is now open seven days a week from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dining room liquor licence and is open evenings from 8:00 a.m. until 10:00 p.m. The Daily Bread offers a fresh diverse menu, with breakfast, lunch, supper and more, holds a dinin...
# 2011 Rh Award Recipients

Honouring researchers for current success and future research advancements

The Rh Awards were established in 1973 by the Winnipeg Rh Institute, now the Winnipeg Rh Institute Foundation, from funds set aside from the sale and production of medical formulae. These honours are given to academic staff members who are in the early stages of their careers and who display exceptional innovation, leadership and promise in their respective fields. Past winners have become internationally-known researchers, so this recognition of early success bodes well for our latest recipients. Each winner receives $12,000 to support his or her research program. Typically, one award is given in each of the following areas: applied sciences, creative works, health sciences, humanities, interdisciplinary studies, natural sciences and social sciences.

## Applied Sciences

**Jun Cai**

Jun Cai (electrical and computer engineering) has made major contributions in radio resource management, an important area of wireless communications. His research aims to optimize wireless network performance by overcoming challenges inherent in wireless systems and channels. Cai operates a laboratory that is capable of emulating a comprehensive telecommunication system consisting of both wired and wireless networks, allowing him to evaluate newly proposed network management methods and algorithms.

## Creative Works

**Neil McArthur**

Neil McArthur (philosophy) is a promising filmmaker whose work has been screened at Canada’s premiere film festivals. His filmography includes two award-winning documentaries about the Alberta oil sands development and its impact on nearby Aboriginal communities. Having completed his PhD in philosophy before delving into film, McArthur integrates his philosophical interests with his artistic pursuits.

## Health Sciences

**Robert Schroth**

Robert Schroth (pediatrics and child health, preventive dental science, Manitoba Institute of Child Health) is committed to improving the oral health of children in Manitoba. His research was the first to identify the link between tooth decay in kids and the prenatal nutrition of their mothers. He is currently investigating the relationship between vitamin D deficiency and oral health in young children.

## Humanities

**Christopher Frank**

Christopher Frank (history) is an historian of modern Britain whose research focuses on the social, legal and labour history of the nineteenth century. He has contributed to our understanding of class relations, legal development and politics of this tumultuous period of England’s early industrial capitalist movement. His research has contributed greatly to the history of labour law and criminal law during this era in England.

## Interdisciplinary

**Song Liu**

Song Liu (textile sciences) is developing a new generation of multi-functional textile materials for medical uses. These textiles can be used for vascular grafts and wound dressings to facilitate healing and prevent infection. This groundbreaking technology also means dressings would need to be changed less frequently, reducing pain for patients and costs for hospitals. Liu has three patents pending; his expertise is sought after by healthcare facilities and multinational companies.

## Natural Sciences

**Michael Gericke**

Michael Gericke (physics and astronomy) is an emerging leader in experimental nuclear and particle physics. He develops new techniques and highly sophisticated experiments to predict and describe the basic building blocks of matter and their interactions. His research looks for new physics, seeking to explain some of the observed phenomena which cannot be accounted for under the currently accepted standard model. Experiments of this type drive the development or enhancement of technologies, including faster electronics.

## Social Sciences

**Jessica Cameron**

Jessica Cameron (psychology) is interested in how personality influences relationships and how relationships, in turn, influence personality. She focuses on understanding what factors affect the initiation of new interpersonal relationships and the processes that sustain or undermine ongoing ones. Her current research investigates the effects of — and ways to measure — insecurity in relationships. Her innovative work has appeared in the top academic journals in her field, including the Journal of Personality and Social Psychology.
May 3, 2012
The Bulletin

Rh recipients celebrated for ‘global impact’ of research

BY MARIANNE MAYES WIEBE

The Bulletin

On April 12, President and Vice-Chancellor David Barnard officially congratulated this year’s recipients of the annual Rh Awards. Their groundbreaking discoveries, he said, were an example of the “great people at the University of Manitoba who do incredible things with a global impact.”

The junior award recipients in all seven categories (listed on page, left) were present on stage, along with Jan Oleszkiewicz, the distinguished professor of civil engineering who received the senior award. The annual senior award consists of $25,000 and a medal; junior recipients receive $12,000. Nominations are assessed against three criteria: the quality of the research, scholarly or creative activity, its impact and reach; and the distinction it has brought to the university. Junior recipients must be within eight years of date of receiving PhD (or equivalent).

Associate professor in psychology Jessica Cameron, whose research was selected in the social sciences category, says that the award is both an honour and a huge boon to her research program. Her research investigates how individuals’ personality and life stage influence their behaviour. Cameron is especially interested by the ways people form a sense of internal security from social experiences, and especially within their romantic relationships. With the funds provided from the Rh Award, Cameron will continue her work, focusing on the role of self-esteem in relationship initiation.

Song Liu joined the department of textile sciences in the Faculty of Human Ecology as an assistant professor in 2007, and has since then implemented a research program in the field of medical textiles and biomedical fibres. The recipient of the junior award in the interdisciplinary category, Liu has worked with antibacterial and biomedical fibres. The recipient of the program in the field of medical textiles and textile sciences in the Faculty of Human Ecology, Liu continues her work, focusing on the role of self-esteem in relationship initiation.

Oleszkiewicz: ‘The beauty in waste management’

Environmental scientist and Senior Rh Award recipient Jan Oleszkiewicz thanked his teachers for showing him “the beauty in waste treatment.” His remarks were somewhat tongue-in-cheek, but Oleszkiewicz is passionate about his work.

The world-renowned expert in environmental engineering has developed groundbreaking technologies and research that have changed the way wastewater treatment plants are designed around the globe, including here in Winnipeg.

He started his lecture, entitled “Cleaning up the Mess: Managing Waste,” with a story. Since his boyhood in Poland, he said, when he struck a deal with his father to move cow manure into the garden — for a fee, on the condition he wouldn’t be seen by his friends — he understood the potential value in waste. In Manitoba, it’s well-known that improper dispersal of phosphorus causes problems with large inland bodies of water (lakes become boggy), less known is that phosphorus is necessary to life, and we are losing it irrevocably in displacing it carelessly.

Rather, suggested Oleszkiewicz, we must make use of both aerobic (oxygen-dependent) and more typical anaerobic processes in order to capture and utilize the useful elements and energy generated by these processes — rather than simply throwing them “away” or sending what remains to landfills or allowing the resulting sludge to run off. In other words, the waste we generate is not simply waste; we need to recycle and reuse rather than seeing it as waste.

It seems we have workable systems, but mostly not ones that are efficient enough: they are too large, said and they don’t recycle as efficiently as they could.

Most traditional waste-treatment systems remove only carbon; there is no effort at nitrogen or phosphorus removal. The gasses generated by this type of waste treatment should be used for energy, which, as he pointed out, is considered the “holy grail of waste management.”

New technologies such as Biological Nutrient Removal (BNR) plants, in which naturally-occurring microbes are used to remove nitrogen and phosphorus from waste water to become byproducts that can be re-used as fertilizer, improves things, says Oleszkiewicz, but most are over-designed and are too large for the populations they are meant to serve.

Rh recipients celebrate ‘global impact’ of research — a huge boon to research programs. The junior award recipients in all seven categories (listed on page, left) were present on stage, along with Jan Oleszkiewicz, the distinguished professor of civil engineering who received the senior award. The annual senior award consists of $25,000 and a medal; junior recipients receive $12,000. Nominations are assessed against three criteria: the quality of the research, scholarly or creative activity, its impact and reach; and the distinction it has brought to the university. Junior recipients must be within eight years of date of receiving PhD (or equivalent).

Associate professor in psychology Jessica Cameron, whose research was selected in the social sciences category, says that the award is both an honour and a huge boon to her research program. Her research investigates how individuals’ personality and life stage influence their behaviour. Cameron is especially interested by the ways people form a sense of internal security from social experiences, and especially within their romantic relationships. With the funds provided from the Rh Award, Cameron will continue her work, focusing on the role of self-esteem in relationship initiation.

Oleszkiewicz: ‘The beauty in waste management’

Environmental scientist and Senior Rh Award recipient Jan Oleszkiewicz thanked his teachers for showing him “the beauty in waste treatment.” His remarks were somewhat tongue-in-cheek, but Oleszkiewicz is passionate about his work.

The world-renowned expert in environmental engineering has developed groundbreaking technologies and research that have changed the way wastewater treatment plants are designed around the globe, including here in Winnipeg.

He started his lecture, entitled “Cleaning up the Mess: Managing Waste,” with a story. Since his boyhood in Poland, he said, when he struck a deal with his father to move cow manure into the garden — for a fee, on the condition he wouldn’t be seen by his friends — he understood the potential value in waste. In Manitoba, it’s well-known that improper dispersal of phosphorus causes problems with large inland bodies of water (lakes become boggy), less known is that phosphorus is necessary to life, and we are losing it irrevocably in displacing it carelessly.

Rather, suggested Oleszkiewicz, we must make use of both aerobic (oxygen-dependent) and more typical anaerobic processes in order to capture and utilize the useful elements and energy generated by these processes — rather than simply throwing them “away” or sending what remains to landfills or allowing the resulting sludge to run off. In other words, the waste we generate is not simply waste; we need to recycle and reuse rather than seeing it as waste.

It seems we have workable systems, but mostly not ones that are efficient enough: they are too large, said and they don’t recycle as efficiently as they could.

Most traditional waste-treatment systems remove only carbon; there is no effort at nitrogen or phosphorus removal. The gasses generated by this type of waste treatment should be used for energy, which, as he pointed out, is considered the “holy grail of waste management.”

New technologies such as Biological Nutrient Removal (BNR) plants, in which naturally-occurring microbes are used to remove nitrogen and phosphorus from waste water to become byproducts that can be re-used as fertilizer, improves things, says Oleszkiewicz, but most are over-designed and are too large for the populations they are meant to serve.
Our time: Growing Indigenous community on campus

BY TOBY CYGMAN AND MARIANNIE MAYS WIEBE
The Bulletin

The staff of the Aboriginal Student Centre (ASC) enter the circle room, laughing, enjoying each other’s company, the space and their roles. As they go around the table introducing themselves, it’s clear that they feel themselves to be a family. Bev Getty, assistant to the director, is referred to by the students as “mom,” the one students go to for a hug. Carl Stone, student advisor, is often seen in a role similar to an uncle. This speaks to how students see the staff at ASC, but also how the staff see the students — they are committed to, and hold a vested interest in, their success.

Storm: ‘Part of our mission is to make the whole campus a more Indigenized place’

If the staff is a family, then the centre is home. Led by director Kali Storm, the Aboriginal Student Centre and its staff provide a comfortable and welcoming environment for all students on campus. It is open 24 hours a day and students are encouraged to make full use of the facilities — which they do, cooking themselves meals in the kitchen or arranging movie nights.

“If it’s not just a building,” Stone avers, “it’s a community.”

ASC’s community approach informs its work with students. Karen Richard is the receptionist at ASC and her friendly face welcomes people when they come in. Student advisors Carl Stone and Bret Nickels offer academic support using the same holistic perspective. They aim to provide individual students with strength-based encouragement and pride in identity, as well as helping them to navigate their way as a university student. They give both personal and cultural support.

“We get to know the students,” Nickels says, “but students also get to know us and who we are. It’s about establishing the trust that we are indeed approachable, and that they can talk to us about things they might not feel comfortable talking about with someone else.”

In addition to advising, the ASC offers leadership opportunities and community mentorship programs to get students involved outside of the classroom. An orientation program for new students includes a Native studies course for which students can receive credit.

Alongside its student services, part of the ASC’s mandate is to educate the university community about Indigenous knowledge, history and traditions. Elders-in-Residence, the Elders and Traditional Teachers’ Gathering and the Annual Graduation Powwow bring Indigenous knowledge onto campus.

“Part of our mission is to make this whole campus a more Indigenized place,” Storm says. “Incorporating Indigenous worldviews and ways of doing things would be beneficial to everybody.”

The ASC staff have been working hard for many years. Deborah Young, executive lead, Indigenous achievement, notes that they are doing “fantastic work in support of Indigenous achievement and student success.”

Things have changed a lot since Storm came to the University of Manitoba in 1999 as a Native student advisor. In 1995, this one-person office grew to become a centre with three staff and an Elder-in-Residence. This was a crucial first step and already the U of M Aboriginal Network ABNET (a group of Indigenous staff and students) was talking about the need for its own building; in 2008, more than 15 years later, the new building officially opened.

The building was named Migizii Agamik, or Bald Eagle Lodge, at a naming ceremony in 2011. Storm and the staff are quick to point out that the translation does not totally capture the energy and movement of the name. Indigenous languages are verb-based and Migizii Agamik actually refers to the action of the Bald Eagle coming in and providing a calming energy to those who are facing the challenges of a strong force.

The staff encourages people to say the name in their own language and are working to incorporate more Indigenous languages on the building’s signage.

“What’s unique about this place,” Storm says, “is that it’s an Indigenous space.”

The building was designed with Indigenous people and included four U of M Indigenous architect graduates. The university community and elders were also involved in the consultation process. Rather than the usual sod-turning ceremony, there was a Tobacco Ceremony, in which the ground was blessed and tobacco offered to ask permission from Mother Earth to use the space before construction began.

“Having all these people involved in growing it, the spirit and energy of the building is what makes it unique. People feel good coming here,” she adds.

Having its own building means increased visibility for the ASC — and for Indigenous peoples on campus — something Storm believes has led to greater support. Increased visibility and support, along with an increase of Indigenous faculty and staff has been a “critical and instrumental component to Aboriginal inclusion and success,” Storm says.

With Migizii Agamik, it’s clearer that there are more and more Aboriginal peoples on campus, notes Storm. “And at Migizii Agamik, we can all feel part of a welcome and welcoming community here on campus.

This increased visibility has downsides too, however, one of which is vulnerability.

WE ARE ALL TREATY PEOPLE

• The five main Indigenous linguistic groups in Manitoba are Cree, Oji-Cree, Dakota, Oji-Cree and Dene
• In Manitoba, there are 63 First Nations communities and numerous Metis settlements
• The written text of Treaties 1 through 5 cover the land mass of Manitoba. Treaty No. 1 was negotiated and signed in August 1871 at Lower Fort Garry
• Treaties were negotiated and signed to define, among other things, the respective rights of First Nation peoples and governments to use and enjoy lands that First Nations peoples traditionally occupied
• A treaty right is a personal or collective entitlement derived from a treaty. For example, in Manitoba, Treaty First Nations have certain entitlements that flow from the treaties, such as annuities and provisions for land. Other Canadians also have rights that come from the Crown signing treaties, such as the right to settle and make a living on the land agreed to in the treaties
In this sense, Storm appreciates the backing of the university administration. “It helps that the President asks that everyone at a public event acknowledges the territory we’re on, for instance,” Strom says. The addition of Deborah Young in her role in Indigenous achievement brings an Aboriginal voice to senior administration, too. “We’ve never had that kind of support before,” adds Storm.

And Storm and the staff feel privileged to have the university’s mounting support as the ASC grows and evolves. The ASC aims to acquire more classrooms for teaching purposes, as part of the larger goal of Indigenizing knowledge on the U of M campus. “We are growing. This is really our time,” Storm says of Indigenous people and knowledge on campus. “It’s an exciting time; we’re ready.”

Mentorship: Let’s make a PACT
BY TOBY CYGMAN

The success of the PACT (Promoting Aboriginal Community Together) program is evinced in the numbers. The first year the program ran, in the 2009/10 academic year, there were 12 participants; three years later, there are 60.

In conjunction with University 1 and the Aboriginal Student Centre (ASC), PACT matches first-year Aboriginal students with their upper-level peers in a mentorship program. “The main intention is to help them feel comfortable on campus,” Carla Loewen, one of the program’s co-directors, says. “The idea is to work together to build a student community.”

“And hopefully retain students,” adds Bret Nickels, the other co-director. From his office in Migizii Agamik, Nickels gets to see the students who participate in the program widening their social scope. “Then you just hope that the academic side coincides with that more social balance that starts to happen,” he said, “and in most cases, it seems to. Once they start feeling comfortable in their surroundings, they start to excel academically. And these students will be prepared and eager to become mentors themselves.”

Student mentors who are involved with PACT are often involved in other avenues. Gillian Anderson, one of the first students to apply to be a mentor, has also organized potlucks and bake sales to raise money. Loewen calls her a “cheerleader for the program” and is already mourning the day when she graduates and leaves the program. Other mentors include Ken Latendre, who is involved in the truth and reconciliation committee and Kerry Spence, the Aboriginal UMSU representative.

PACT has even extended its reach beyond Canadian Indigenous students. This year, a Swedish exchange student (a Sami, the Indigenous people of Sweden) was matched with a mentor. “To have an exchange student search out the program and have a wonderful experience was really heartwarming,” Loewen said.

The program is the first of its kind in North America and Loewen and Nickels have been attending conferences to spread the word. They are also hoping to present the model to other campuses in an effort to start similar initiatives.

However, Loewen and Nickels are far from resting on their laurels. The program is still evolving and the co-directors are currently working on ways to add a cultural component. “Instead of making it something that is based on a Western model, we want to make it based on more of an Aboriginal model of the equivalency to mentoring,” Nickels said.

“That was one of the main things that I first worked on in terms of creating the program,” Loewen added, “how to not make it a hierarchal version of a mentoring program. You want it to be an equal relationship between the two students.”

Loewen and Nickels also listen to the feedback provided by both the mentors and the mentored students at sharing circles. One such idea was to extend the reach of PACT outside the university. As the program is recognized in the Co-Curricular Record (CCR) initiative, the hours students spend go towards a formalized, university-certified record of activities that support student development in venues that are not for academic credit. Some students who were unable to come to the sharing circle to gain hours choose to volunteer at the Siloam Mission.

Loewen and Nickels are clearly enthusiastic about the program and its direction. “I love this program and it makes me love my job” said Loewen.
Michelle Faubert is associate professor of Romantic literature at U of M and Visiting Fellow at Northumbria University in Newcastle, England. Publications include the monographs Rhyming Reason: The Poetry of Romantic-Era Psychologists and Color Blind: The Fiction of Madness in Eighteenth-Century Writing: Representing the Insane (co-authored with Allan Ingram). She is also the editor of a volume of essays entitled Romanticism and Pleasure (co-edited with Thomas Schmid) and Mary Wollstonecraft's novellas Mary, A Fiction, and The Wrongs of Woman, or Maria. Published in 1985 and won the Pulitzer Prize), but the mammoth book itself on the fact that 50 per cent of its output is by Manitoba writers. Arnason also helped found the Manitoba Book Publisher's Association, the Manitoba Magazine Publisher's Association and Border Crossings magazine, whose board he has been on for 35 years. "I was trying to get a local indigenous culture that was not controlled from elsewhere," he said, "to make them local, make them ours." Not confining himself to a single genre or format, Arnason has also worked with CBC Radio doing play reviews and writing political jingles during election time. He has written plays, TV shows and films and was even a pioneer in electronic publishing. He worked on Swift Current, the first electronic magazine, and created the U of M's English department's webpage in 1996 — the first English department website in the world.

Equally impressive is that Arnason taught through it all. He speaks fondly of teaching and values the role it's played in his artistic output. "As a writer," Arnason said, "I have to be in touch with the language as it evolves, with what ideas out there... and that means I get to talk to young people. Why would young people talk to an old crock like me if they didn't have to?" he laughed.

The knowledge and inspiration he draws from his students has certainly paid off. Arnason has averaged at least one major creative project — a book, a play etc. — for every year he's been at the U of M. He is currently working on a sequel to his latest novel Ballad's Song as well as his memoirs concerning the literary life in Manitoba over the past 40 years.

Arnason has no plans to retire. "You couldn't have a better job," he said, "I meet wonderful people. I have incredible colleagues who do remarkable things." He's thankful that the university has allowed him to be "a professor and an artist at the same time.""I've been really lucky. It's kind of a charmed life." - Toby Cygman

For more information talk to your department contact or: Mike Guertzen 474-9382 – Fort Garry Campus, Jerry Wind 789-3792 – Bannatyne Campus E-mail campbeau@cc.umanitoba.ca for further details or to submit your idea for a project Rain date: Friday, May 25th, 2012
The Bulletin
Page 9

May 3, 2012

Research Associate Positions

The University of Manitoba anticipates research associate positions available over the next six months beginning May 1, 2012 until October 31, 2012. Successful candidates must hold a doctoral degree or have equivalent qualifications and experience. Minimum starting salary is $33,957.00/annum (under review). We offer a full range of staff benefits for applicable appointments. The University encourages applications from qualified women and men, including members of visible minorities, Aboriginal peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority.

Ponding approval of grant funding, there may be positions available in the following areas:

**Plant Science:** protein purification, protein biochemistry, cell signaling, plant hormones, plant biochemistry, molecular biology, plant pathology, plant breeding, plant genetics and bioinformatics.

**Internal Medicine, Sections of Endocrinology & Metabolism:** hydrology, agroclimatology, pesticides, ecosystem modelling.

**Soil Science:** soil science, microclimate, landscape hydrology, soil characteristics, soil micromorphology.

**Plant Science:** signaling, cell biology, agronomy, plant physiology, plant biology.

**Soil Science:** cytokine receptors in allergic diseases; host-pathogen immunity; pathogenic immune responses to infection; dendritic leukocyte degranulation; intracellular curriculum, instruction and breeding, plant genetics and genomics and bioinformatics.

**Biochemistry:** biochemistry, molecular biology, plant pathology, plant metabolism, clinical pharmacology and neuropharmacology of interprofessional research, intervention research, psychological research, health services and policy, knowledge translation.

**Pharmacology & Therapeutics:** cardiovascular pharmacology, liver and endemic disease pharmacology, neuropharmacology, drug metabolism, clinical pharmacology and neuropharmacology of neurodegenerative disorders.

**Chemistry:** electrophoresis, methods of preservation of the heart and brain in injury, vascular smooth muscle, hypertension research, protein membranes and contractile proteins, Ca2+-transport, signal coupling and signalling in airway smooth muscle, exercise physiology, and pulmonary function testing Architecture, 3d printing, 3d modeling, Internal Medicine (Proteomics & Systems Biology): organic acid probe synthesis, cellular signaling.

**Medical Research:** biochemistry, molecular biology and bioinformatics, vascular smooth muscle and bioinformatics, pulmonary vascular pathology, cell signalling, airway smooth muscle phenotypic and function, receptor coupling and signalling in airway smooth muscle, exercise physiology, and pulmonary function testing.

**Internal Medicine (Microbiology):** environmental education, atmospheric education, with a focus in carbon science, microbiome analysis, and conducting polymer devices.

**Chemistry:** quantum activity probe synthesis, cellular biochemical activity, and conducting polymer devices.

**Computational Biology:** stochastic modeling of communication systems, markov chains, queueing theory, stochastic ordering of queueing systems, mathematical methods, cell signalling, computer simulation, biochemistry, molecular biology, proteomics, genome- imaging, imaging, Human Nutritional Sciences: occlusional analysis in nutrition research.

**Electrical & Computer Engineering:** stochastic modeling of communication systems, markov chains, queueing theory, stochastic ordering of queueing systems, mathematical methods, cell signalling, computer simulation.

**Plant Science:** biochemistry, molecular biology, plant pathology, plant metabolism, clinical pharmacology and neuropharmacology of interprofessional research, intervention research, psychological research, health services and policy, knowledge translation.

**Medical Research:** biochemistry, molecular biology and bioinformatics, vascular smooth muscle and bioinformatics, pulmonary vascular pathology, cell signalling, airway smooth muscle phenotypic and function, receptor coupling and signalling in airway smooth muscle, exercise physiology, and pulmonary function testing.

**Internal Medicine (Proteomics & Systems Biology):** organic acid probe synthesis, cellular signaling.

**Medical Research:** biochemistry, molecular biology and bioinformatics, vascular smooth muscle and bioinformatics, pulmonary vascular pathology, cell signalling, airway smooth muscle phenotypic and function, receptor coupling and signalling in airway smooth muscle, exercise physiology, and pulmonary function testing. Architecture, 3d printing, 3d modeling, Internal Medicine (Proteomics & Systems Biology): organic acid probe synthesis, cellular signaling.
events
University of Manitoba

FORT GARRY + BANNATYNE CAMPUSES

LECTURES, SYMPOSIA, SEMINARS

RESEARCH DAY APPLIED HEALTH SCIENCES PHD PROGRAM Thursday, May 3 | 9:00 a.m. Keynote Address: "Interdisciplinary Research: The Pathway to Addressing the Gaps and Challenges in Aboriginal Health." In E3-270 Engineering Bldg, Fort Garry Campus.

PUBLIC TALK AT ASPER SCHOOL Friday, May 4 | 10:00 a.m. “From Capitalist Scarcity to Economic Democracy: The Role of Managers at a time of economic crisis” by Costas Panayotakis, New York City College of Technology/City University of New York.

TRADITIONAL GRADUATION POWWOW Saturday, May 5 | 10:30 a.m. to 7:00 p.m. Pipe ceremony at 10:30; grand entry 1:00 p.m. and feast at 5:00 p.m. At the Investors Group Athletic Centre. Call 204-474-8820 for more information.

SCIENCE CHALLENGE Friday, May 4 | 9:30 a.m. to 2:30 p.m. The U of M chapter of Let’s Talk Science is hosting its annual All-Science Challenge in the Engineering building on Friday, May 4. Students in grades 6 to 8 have spent the past three months studying the All-Science Challenge handbook and are now eager to compete in this science jeopardy competition. The design challenge competition will take place at 12:30 p.m. in room E3-270. For more information, contact Let’s Talk Science at: its.ucm@gmail.com. To learn more about LTS, visit their website at: www.letstalkscience.ca/umanitoba

MOMENTS OF DISCOVERY: A SYMPOSIUM IN HONOUR OF ROBERT KROETSCH Wednesday, May 9 | 1:00 PM – 3:30 PM (Reception to follow)
Panel One: Brenda Austin Smith, “The Other Murder in Settlers of the Marsh”; Chris Johnson, “Prairie Chekov: Bruce McManus’ Adaptation of The Three Sisters”; Maureen Heaman. In 370 Helen Glass Centre for Nursing. Contact site scheduler to participate via Telehealth. For more information contact 975-7714 option 2.

7TH ANNUAL WINNIPEG INTERNATIONAL STORYTELLING FESTIVAL May 9 to 12
See website for more information: umanitoba.ca/campusfestivals8

CAMPUS BEAUTIFICATION DAY Thursday, May 24 | 9:00 a.m. to 4:30 p.m. (Rain date: Friday, May 25)

OFF-CAMPUS


ACADEMIC JOB OPPORTUNITIES

A full listing of employment opportunities at the University of Manitoba can be found atumanitoba.ca. U of M encourages applications from qualified women and men, including members of visible minorities, Aboriginal peoples, and persons with disabilities. All qualified candidates are encouraged to apply; however Aboriginal and permanent residents will be given priority. Please include the position number when applying for openings at the university.

UNIVERSITY OF MANITOBA STUDENT COUNSELLING AND CAREER CENTRE Position: University Counsellor, full-time probationary appointment at the rank of Instructor III Deadline: June 3, 2012 Start Date: August 1, 2012 For Information: David Ness, acting director, student counselling and career centre, 747 University Centre, U of M, Winnipeg MB R3T 2N2, tel. 204-474-8619, fax 204-474-7558

FACULTY OF DENTISTRY Department of Preventive Dental Science, Division of Pediatric Dentistry Position: Full-time tenure-track position at the rank of Assistant Professor / Associate Professor / Professor Deadline: July 1, 2012 Start Date: January 1, 2013 Position Number: 14642 For Information: Dr. William A. Wilthorpe, Professor and Head of Orthodontics and Chair of Search Committee, Department of Preventive Dental Science, Faculty of Dentistry, University of Manitoba, D34A1-780 Bannanayve Avenue, Winnipeg, Manitoba, Canada, R3E 0W2, tel. (204) 789-3556, fax (204) 977-5869, e-mail wa_wilthorpe@umanitoba.ca

FACULTY OF MEDICINE Department of Physical Therapy, School of Medical Rehabilitation Position: Head, Department of Physical Therapy for a renewable 5 year term Deadline: June 1, 2012 Start Date: renewable 5 year term from January/July 2013 to December/June 2013 Position Number: DH805 For Information: Dr. Emily Etchey, Search Committee Chair, School of Medical Rehabilitation, R106-771 McDermot Avenue, Winnipeg, MB R3E 0T6, tel. (204) 789-3418, fax (204) 789-3927, email eetchev@cc.umanitoba.ca

FROM THE ARCHIVES

ANTOINE JOSEPH LOTTINGER’S FIRST WORK, LE COUCOU. Discours, Apologies, and notes on the parasitic cuckoo and its fosterers, is a truly rare book with only nineteen copies located in the world. Despite an exhaustive internet search, augmented by correspondence with and visits to major libraries throughout Europe and North America, Spencer Sealy failed to locate this copy to Archives & Special Collections. Massachusetts, in the late 1990s. He donated this copy to Archives & Special Collections in 2011. Lottinger was an eighteenth century naturalist, fascinated by the peculiarities of the interactions between the European or common cuckoo and its foster species. Lottinger wondered which birds accepted cuckoo eggs or whether they removed them, leaving their own clutches free of parasitism. He realized that observing parasitized nests was not enough to reveal whether a cuckoo’s egg had been rejected, as the foreign eggs might be removed before an observer can record their presence. Working in a forest in eastern Massachusetts, in the late 1990s, Lottinger exchanged eggs between nests of several potential foster species and recorded their fates, thus becoming one of the first naturalists to conduct experiments in the field. Three successive title-pages were printed, but typographical errors in the text indicate that all copies of the books, whatever title-page, constitute a single impression from standing type.

Brian Hubner, with reference material provided by Spencer G. Sealy, department of biological sciences
May 3, 2012

Bringing Research to LIFE

Upcoming Events

Save the date!
It’s never too early to start planning your submission to the Undergraduate Research Poster Competition November 1, 2012
For more information, visit:
umanitoba.ca/research/postercompetition

Visionary Conversations

The Food we Eat

Wednesday, June 13, 2012
Robert B. Schultz Theatre
St. John’s College
Fort Garry Campus

Featured speakers:
Ryan Cardwell
(Agribusiness and Agricultural Economics)
Rick Holley
(Food Science)
Joyce Slater
(Human Nutritional Sciences)
Shirley Thompson
(Natural Resources Institute)

For more information, visit:
umanitoba.ca/about/vc/

The Centre on Aging’s Annual Spring Research Symposium

Dialogue on Aging

Monday, May 7, 2012
8:45 a.m. to 4:00 p.m.

Brodie Centre Atrium
727 McDermot Ave.
Bannatyne Campus,
University of Manitoba

To register or for more information, visit:
umanitoba.ca/centres/aging/events/384.html

‘Bringing the doctor home to the kitchen table’
Nursing professor explores benefits of providing patients with audio recordings of life-changing appointments

Tom Hack, professor in the Faculty of Nursing, teaches undergraduate and graduate students about research methods. The faculty is celebrating National Nursing Week May 6 to 12.

BY KATIE CHALMERS-BROOKS
For The Bulletin

A patient’s first meeting with a cancer specialist can feel like a blur. Anxiety runs high and individuals often leave their oncologist’s office not fully understanding their prognosis or treatment options, according to research by clinical psychologist Tom Hack.

He wants to change this by arming cancer patients with a simple tool for that high-stress consultation: an audio recorder.

Typically, a patient’s initial meeting with the oncologist is when they learn what their future will hold. “They could find out if they have six months to live or six years,” Hack says.

“At very high levels of anxiety you’re unable to process information well, so you don’t learn, you don’t recall. I want to empower patients at a time when they’re very vulnerable and important decisions need to be made.”

Hack has led two randomized control studies — the largest of their kind in the world to date — that involved more than 1,000 newly diagnosed breast or prostate cancer patients across Canada. Some were provided with audio recordings of their first conversation with their specialist. They could then listen at home and also play the recording for family members.

Interviews with the patients revealed those who had a recording felt they had been adequately informed about their disease and treatment. They reported reduced anxiety, enhanced retention of information, more informed decision making, and improved communication with their families.

“We liken having the recording to bringing the doctor home to the kitchen table,” Hack says, noting 29 per cent of patients indicated it helped them decide on their treatment. “Which is really really powerful.”

He counsels patients at CancerCare Manitoba and sees firsthand the devastation the disease causes. “Cancer shows no mercy kind of like a thief. It just comes in and takes your life away from you. It doesn’t matter if you’re a good person or not.”

Some argue audio recordings are inappropriate for those consults that involve such dire news, but Hack believes the opposite. One patient on an advisory panel told him that listening to a recording of her doctor telling her and her husband that her cancer was no longer treatable and her care would switch to palliative, actually helped them. Before listening, the couple compared notes based on memory and their accounts differed. When they played the recording, they realized they were both wrong.

“She said there was far more hope provided than what she remembered,” says Hack. “They hear the bad news then they tune out. They are in shock.”

Hack’s findings prompted a hospital in Calgary to record the first consultations between doctors and prostate cancer patients. He would like to see recordings offered free of charge to cancer patients worldwide, including at CancerCare Manitoba. The oncology nurses would arrange the recordings and save them to USB drives for the patients to take home.

Hack is now collaborating with researchers in Australia, studying the benefits of consultation recording for patients who don’t speak English and rely on a translator, often a family member who happens to be present. The concern is that volunteer translators may not get it right either intentionally, to protect their loved one, or unintentionally by misunderstanding. If patients had a recording they could take it to an independent translator.

Hack has also teamed up with researchers in the United Kingdom to examine the benefits of providing a recording to brain cancer patients, whose medical condition often affects their ability to remember.

Having a recording allows patients to take more of an active role in their health since they are more informed and therefore less likely to simply defer to their doctor. And ethically speaking, Hack notes, patients must be properly informed before agreeing to any treatment.

“But they’re so frightened, so scared and they don’t recall, I would argue that they can’t be fully and completely informed treatment consumers.”

The Bulletin Page 11

Published by the Office of the Vice-President (Research and International)
Comments, submissions and event listings to: research_communications@umanitoba.ca
Phone: (204) 474-7300 Fax (204) 261-0325

Photo by Mike Latchish

BY KATIE CHALMERS-BROOKS
For The Bulletin

A patient’s first meeting with a cancer specialist can feel like a blur. Anxiety runs high and individuals often leave their oncologist’s office not fully understanding their prognosis or treatment options, according to research by clinical psychologist Tom Hack.

He wants to change this by arming cancer patients with a simple tool for that high-stress consultation: an audio recorder.

Typically, a patient’s initial meeting with the oncologist is when they learn what their future will hold. “They could find out if they have six months to live or six years,” Hack says.

“At very high levels of anxiety you’re unable to process information well, so you don’t learn, you don’t recall. I want to empower patients at a time when they’re very vulnerable and important decisions need to be made.”

Hack has led two randomized control studies — the largest of their kind in the world to date — that involved more than 1,000 newly diagnosed breast or prostate cancer patients across Canada. Some were provided with audio recordings of their first conversation with their specialist. They could then listen at home and also play the recording for family members.

Interviews with the patients revealed those who had a recording felt they had been adequately informed about their disease and treatment. They reported reduced anxiety, enhanced retention of information, more informed decision making, and improved communication with their families.

“We liken having the recording to bringing the doctor home to the kitchen table,” Hack says, noting 29 per cent of patients indicated it helped them decide on their treatment. “Which is really really powerful.”

He counsels patients at CancerCare Manitoba and sees firsthand the devastation the disease causes. “Cancer shows no mercy kind of like a thief. It just comes in and takes your life away from you. It doesn’t matter if you’re a good person or not.”

Some argue audio recordings are inappropriate for those consults that involve such dire news, but Hack believes the opposite. One patient on an advisory panel told him that listening to a recording of her doctor telling her and her husband that her cancer was no longer treatable and her care would switch to palliative, actually helped them. Before listening, the couple compared notes based on memory and their accounts differed. When they played the recording, they realized they were both wrong.

“She said there was far more hope provided than what she remembered,” says Hack. “They hear the bad news then they tune out. They are in shock.”

Hack’s findings prompted a hospital in Calgary to record the first consultations between doctors and prostate cancer patients. He would like to see recordings offered free of charge to cancer patients worldwide, including at CancerCare Manitoba. The oncology nurses would arrange the recordings and save them to USB drives for the patients to take home.

Hack is now collaborating with researchers in Australia, studying the benefits of consultation recording for patients who don’t speak English and rely on a translator, often a family member who happens to be present. The concern is that volunteer translators may not get it right either intentionally, to protect their loved one, or unintentionally by misunderstanding. If patients had a recording they could take it to an independent translator.

Hack has also teamed up with researchers in the United Kingdom to examine the benefits of providing a recording to brain cancer patients, whose medical condition often affects their ability to remember.

Having a recording allows patients to take more of an active role in their health since they are more informed and therefore less likely to simply defer to their doctor. And ethically speaking, Hack notes, patients must be properly informed before agreeing to any treatment.

“But they’re so frightened, so scared and they don’t recall, I would argue that they can’t be fully and completely informed treatment consumers.”

The Bulletin
Faculty of Architecture Open House

Scenes from the Faculty of Architecture open house held on the evening of April 16. Photo bottom left: Ralph Stern, dean, Faculty of Architecture, at event.

Faculty of Architecture

- The School of Architecture at the U of M, the second in Canada, was established within the Faculty of Arts in 1913. The Faculty of Architecture was formed in 1963.
- The Faculty of Architecture offers a Bachelor of Environmental Design in the areas of architecture, interior environments and landscape and urbanism.
- The graduate department offers five professional degrees: Master of Architecture, Master of City Planning, Master of Interior Design, Master of Landscape Architecture, and PhD in Planning and Design.
- Graduates of the faculty include John and Patricia Patkau, Richard Henriquez, John C. Parkin, Etienne Gaboury, Bill Allen and Harry Seidler who won the 1996 Royal Institute of British Architects Royal Gold Medal.

GET THE FACTS

Photos by Mike Latschislaw unless otherwise noted.