Ebola vaccine raises hopes

University of Manitoba researchers are making international headlines for a breakthrough development in the battle against Ebola and Marburg, two of the world’s deadliest viruses.

Steven M. Jones and Heinz Feldmann have produced the first vaccine system that has proven 100 per cent effective in protecting monkeys against infection from the viruses.

“The vaccines are safe and effective in a relevant animal model and show potential for use in humans,” Jones said at a press conference Friday, June 3. The research findings are published in this month’s edition of the journal Nature Medicine.

Jones said producing a successful vaccination in monkeys and great apes is a critical step towards developing a vaccine for human beings because monkeys respond to Ebola and Marburg in almost an identical manner to humans.

“Now we can protect monkeys then we have a great deal of confidence for achieving the same result for humans,” Jones said. He predicted a vaccine product could be available within five to six years.

Jones, immunology, and Feldmann, medical microbiology, both work in National Microbiology Laboratory in Winnipeg and collaborated with Thomas Geisbert of the United States Army Medical Research Institute of Infectious Diseases, Fort Detrick, Maryland.

The vaccines were 100 per cent effective in the 12 macaques studied. Each was given one shot of vaccine followed by a high dose of virus. None of the macaques even developed fever or other symptoms associated with vaccination.

Ebola comes from the Filoviridae family of viruses, of which Marburg is also a member. Named for the Ebola River in Congo where the virus was first discovered in the mid-1970s, it has caused epidemics in Congo, Uganda, Gabon and Sudan.

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Vaccine should be ready for humans within six years

From Page 1.

The viruses have a high mortality rate and cause a painful death that includes massive hemorrhaging.

The study describes how the researchers developed the vaccine by replacing a surface protein in an animal pathogen, called vesicular stomatitis virus, with a surface protein from the Ebola or Marburg virus.

Field studies of the vaccine would be conducted during an actual outbreak. The potential impact of an effective human vaccine is unquestioned: A Marburg outbreak is currently ravaging Angola. Ebola has taken 10 lives in Congo in recent weeks.

Jones and Feldman have worked together for years. The actual development of the vaccines started more than three years ago at the National Microbiology Laboratory in Winnipeg. The research was supported by a Canadian Institutes of Health Research grant through the University of Manitoba.

“This is one of our biggest wins so far,” said National Microbiology Laboratory director Frank Plummer, also of the University of Manitoba.

Jones said they didn’t have any ‘Eureka, I’ve found it’ moments during their research — instead it involved years of intense investigation and communication between the various groups as they worked towards the vaccine. If there was a eureka moment, it was during the testing phase of the product.

“When we reached day 14 we knew the infection had killed the infected animals but it had not killed the control animals,” Jones said. “We realized it was working. That was a great, great moment.’

The vaccine also has the potential to save people who have just been infected with the Ebola or Marburg viruses. Jones said medical staff are the obvious group that would benefit from the vaccine. Currently, staff exposed to the Ebola virus through a needle prick have a 100 per cent chance of dying. However, if treated with the vaccine within half an hour of exposure their chance of surviving is estimated at 80 per cent.

Following initial trials, work was carried out in partnership with the U.S. Army Medical Research Institute of Infectious Diseases in what is being considered a landmark in international scientific collaboration.

The set of vaccines is intended to protect against outbreaks of the Ebola and Marburg virus and against terrorist use of the pathogens — an obvious reason for the U.S. military’s support for the research program.

“The United States, since 2001, has put a great deal of money into dealing with these type of viruses,” Jones said.

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Think. Feel. Drive.
Financial guru Jarislowsky receives IDEA award
Jarislowsky Fraser Ltd. CEO puts focus on integrity and shareholder rights

BY DALE BARBOUR

The Bulletin

You’ll find no surprises at Jarislowsky Fraser Limited chairman, CEO and former president Stephen A. Jarislowsky for being a little bemused at receiving the 2005 International Distinguished Entrepreneur Award of the University of Manitoba. He doesn’t think he fit the category.

“I never had a view of myself as an entrepreneur,” Jarislowsky said on June 7 before receiving the award at a gala dinner. But if Jarislowsky never thought of himself as an entrepreneur his record on the name speaks for itself. He started Jarislowsky Fraser Ltd. in 1955 as a research firm and has watched it grow into one of the largest wealth management firms in the world, with managed investment funds equaling $50.8 billion.

In fact, I.H. Asper School of Business dean Glenn Feltham said Jarislowsky was a perfect fit for the award.

“I’m a very big fan of Mr. Jarislowsky and I can name several attributes that explain why he was chosen as this year’s recipient of the IDEA award – his entrepreneurship, integrity, compasson and giving back to the community,” Feltham said.

Jarislowsky said he has run his business and his life with certain key rules in mind.

“If you are given very much you should also give very much,” Jarislowsky said. “And integrity is the biggest part of management to me. You’ll find that gives you an unbelievable advantage in today’s day and age.”

The Jarislowsky Foundation currently has funds totaling $55 million and has helped create 12 S. A. Jarislowsky endowed chairs at universities across Canada and another two on the way.

“When I fund a chair I plan on being there with that chair during my life,” Jarislowsky said. “You’ll find that gives you an unbelievable advantage in today’s day and age.”

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“When I fund a chair I plan on keeping up with that chair during my lifetime so that when they are being given to the right people – people who have the ability to attract others into the university,” Jarislowsky said.

Born in Berlin, Germany in 1925, attending high school in Netherlands and France, Jarislowsky emigrated to the United States in 1941, studied mechanical engineering at Cornell University and then served in the U.S. army. Jarislowsky went on to study Japanese and served in counter-intelligence in Japan after the war. On returning to the United States in 1946, Jarislowsky went on to receive his MA from the University of Chicago and an MBA from Harvard Business School in 1949. He moved to Canada to work with Alcan Aluminum in Montreal and went on to found Jarislowsky Fraser Limited in 1955.

“When I came back from the war, I thought, ‘Why not make an example of my life?’ Jarislowsky said. He even wrote an essay to himself and the revelation the experience gave him was that the key to getting ahead was understanding.

“You can go to university and get all the research but you don’t always get the understanding,” Jarislowsky said. “Of course I also came to the conclusion that understanding things wasn’t enough. You had to do something with that understanding. You have to put it into action and test it in the marketplace.”

And if you’re going to do that, Jarislowsky said, don’t do it halfway.

“If you put out something forward strongly in exaggerated form it’s easy to come back to something middle-of-the-road.”

If there is one area that Jarislowsky has staked his reputation on, it’s as a strong defender of shareholder rights.

It comes back to the question of integrity and honesty – and he says both areas are being challenged today because the boards of directors at firms are too quick to give to the whims of their CEOs.

“While Jarislowsky is still chairman and CEO of the company under his name, he’s also working to ensure that the business is ready to move forward under new leadership.

“The most difficult thing to do as an entrepreneur is to move the business on to the next generation.” Jarislowsky said. In his situation that next generation will not be in the family, while one of his daughters worked in the business, she moved on to work in finance in New York.

The perk of passing control of the business on to the next generation is that it allows him to move on to other projects – a list that currently includes a partnership with James Patterson in British Columbia.

Throughout his business experience, Jarislowsky said he hasn’t let the business world change him.

“Wealthy or not you need to stay in touch with the people around you,” Jarislowsky said.

“We don’t go to Palm Beach, or have a private airplane. You don’t separate yourself from people around you. That’s how my wife and I have lived our lives.

We still have the same friends and I drove the same car for 18 years and didn’t turn it in until the air conditioner stopped working and it would have cost more to replace that than the car was worth.”

The IDEA awards dinner is recognized as the premiere business event in Canada. The recipient is chosen by a prominent committee including past recipients who honour those who have achieved international stature and outstanding entrepreneurial success, and who have made an exemplary contribution to the economic life of the international business community.
How Smartpark fits in at the University of Manitoba

Viewpoint

ALAN SIMMS
President, Smartpark Development Corporation
Associate Vice-President (Administration)

Two letters to the editor of the Winnipeg Free Press – one from Hart Mallin and the other from Michael Roy (May 30, 2005) – both about Smartpark and a recent funding announcement raise important issues and deserve further comment.

Smartpark is a research and technology park at the Fort Garry Campus of the University of Manitoba. Its vision is to “build a community of innovators” on the doorstep of the university and it does this by developing land and space for lease to companies and organizations involved in the following broad research areas that coincide with research expertise at the university:
- Information and Communications Technology
- Engineering and Advanced Materials
- Health and Biotechnology
- Agricultural and nutritional sciences

Research-intensive universities and their respective communities worldwide are developing research and technology parks. The parks facilitate university-industry research collaborations and innovation; create high-tech clusters that potentially attract similar organizations; and create technology parks. The parks facilitate wide are developing research and technology parks. The parks facilitate a concentration of sciences. The parks facilitate a concentration of

Materials;
Communications Technology;
Health and Biotechnology;
Engineering and Advanced

At the University of Manitoba, the corporate and provincial governments to infrastructure projects – sewers, roads, drainage and sidewalks for example. The funding opportunity is no more at the expense of students than is any one of many collaborations involving the University of Manitoba, the federal and provincial governments, and increasingly the private sector that aim to advance the university and to provide new facilities for a wide variety of projects. These other projects, by way of example, include:
- the new Engineering and Information Technology Centre construction ($50 million) – with new classrooms and laboratories; the new Pharmacy building at the Bannatyne Campus ($20 million) – with new classrooms and laboratories; and the new National Centre for Livestock and the Environment at the Glenlea Research Station ($9 million).

The university is also working hard to upgrade existing facilities. For example, from 2001 to 2004, $8 million was spent on classroom upgrades and teaching technology; the university will expend over $6 million annually over the next three years to meet fire code and safety issues, abate asbestos, and upgrade classrooms and teaching technology.

Development of Smartpark is still in its early stages and it will take some time to “build a community of innovators.” Fortuitously, we are off to a fairly quick start. It has not been at expense to students and, in fact, already yields benefits to students and should continue to do so many times over in the years to come.

Mr. Mallin, a downtown condominium developer, suggested in his letter that Smartpark should not compete with downtown development. Downtowns in many large cities feature a concentration of organizations involved in financial, investment, legal, accounting as well as retail sectors, so Smartpark would not be competing with those traditional sectors.

A downtown Winnipeg revival is taking hold for a number of reasons including the efforts of developers such as Mr. Mallin who are creating opportunities for living in the downtown area. The University of Manitoba for its part is contributing to this resurgence with planned construction of a Faculty of Pharmacy facility at its Bannatyne Campus in 2006; the recent renovation to space it leaves in Place Promenade to house the Aboriginal Education Centre operated by the Continuing Education Division; and completion this summer of its Selkirk Avenue facility that will house its Faculty of Social Work’s Inner City Social Work Program and the University of Winnipeg’s Winnipeg Education Program.

In those few cases, however, where an organization or company falls within one of the sectors in which Smartpark concentrates, and where the organization can independently make a case for locating on the doorstep of the major research university in the province rather than downtown, why should it not have that choice? We will all be stronger for it in my view as our city, province and the University of Manitoba step into the 21st century.

As citizens of Winnipeg and Manitoba, we need to recognize that our competition should not be seen as coming from within, our competition is on a national and global scale.

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As citizens of Winnipeg and Manitoba, we need to recognize that our competition should not be seen as coming from within, our competition is on a national and global scale.
New book considers German and Canadian societies

History professor Barry Ferguson and sociology professor Lance Roberts share editing responsibilities for Social Capital and Community in Canada and Germany.

It’s a diverse collection of areas that reflects the interdisciplinary approach of the Trier-Manitoba partnership, which has always focused on the full range of social sciences and humanities.

Ferguson said the partnership with Trier University, which has a strong Canadian Studies program, opens new doors for comparative studies.

“It shakes us out of our standard ABC – American, British and Canadian – perspective,” Ferguson said. “It gives a significant German perspective on Canadian society. For a country that tends to get compared to our major allies, the United States and Britain it’s a welcome fresh perspective.”

“It’s rather flattering that you have a strong culture with an accomplished academic sector paying attention to Canada.”

The partnership has been going on since 1994 and was recently revitalized and strengthened by both universities. While the partnership was originally focused on the Faculty of Arts it has expanded to include the Clayton H. Riddell Faculty of Earth, Environment, and Resources and the Faculty of Human Ecology.

“The partnership gives us access to a cross-section of ideas and new perspectives on our selves and the world,” international liaison officer James Dean said. “And it does help develop a community research interest even among the scholars at the University of Manitoba. They have a greater opportunity to interact with each other on topics that are convergent.”

And because the partnership has been going on for so long, it has had the chance to touch a number of people at the university – at a recent meeting faculty members were asked to hold up their hands if they had been involved in the partnership in the past and more than 40 professors held up their hands.

The next Trier-Manitoba conference is set for May next year.

“The topic has not been finalized but it will likely focus on Canadian and German experiences with university restructuring,” Dean said. For the Europeans it’s a timely subject. The European Union has agreed on a system for restructuring universities across Europe that will create an undergraduate and graduate studies system that will be similar to that seen in the United States.

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Spring Convocation creates lasting memories

Photos by Manuel Sousa

Above president Emőke Szathmáry, left, and Chancellor William Norrie, grant singer/composer Loreena McKenitt with an honorary degree from the University of Manitoba. At left, some of the 2818 graduating students take in the convocation ceremonies on June 1.

Olympics in the classroom

Canada’s best high-school chemistry and physics students were putting in long days at the University of Manitoba at the beginning of the month, competing in the national finals of the Canadian Chemistry and Physics Olympiads.

Twenty-nine students from across Canada took part in the competition, earning their place via selection examinations issued by the Canadian Association of Physicists and the Chemical Institute of Canada.

The students’ week at the University of Manitoba was comprised of an intense program of lectures, labs and exams. At the end of the week, the top five physics students and top four in chemistry got the nod to compete in international Olympiads in Taiwan and Spain.

As his students were working at measuring the thermoconductivity of rubber and cork, physics professor Henry Kunell noted that some of the participants are in grade 10 and 11, yet are digging information that most physics and chemistry students wouldn’t encounter until their first year of university.

“These Olympiads foster a wider appreciation of chemistry and physics as careers for talented young pre-university Canadian students, and promote improved teaching standards in both disciplines,” chemistry professor François Gauvin added.

This year’s Olympiads mark the first time the event has been held in Manitoba.
Students get one last lesson before graduating
Bowes says today’s employees have to be constantly reinventing themselves

The Continuing Education Division’s June 9 graduation ceremony was an opportunity for family and friends to join together in a celebration of achievement.

Associate dean Bill Kops told the audience he was pleased to note that a total of 644 individuals will graduate from 80 certificate and diploma programs offered through the Continuing Education Division. “It is my pleasure to recognize and celebrate the success of the 469 individuals who have completed the requirements relating to 24 of these programs,” he said. Remaining graduates are honoured at various individual events during the spring.

The ceremony follows the university’s regular convocation when degree students graduating through the division marked their graduation.

In addressing graduates, guests from the community, faculty and administrative campus partners, Kops extended congratulations. “As adult educators, we are proud to have had an important role in your achievement. At the same time, we are pleased that we were able to work closely with faculty members and administrative units on campus and with members of our community – employers, professional associations, agencies and organizations and experienced practitioners in the field – all dedicated to assisting you realize your goals. On behalf of everyone associated with these programs, congratulations.”

“We understand the challenges of returning to the classroom, and are demanding balancing act of work and family,” he emphasized. “I can tell you, for us, this evening is a special highlight. We have the pleasure to share in the satisfaction this graduation brings to you, and your family: may there be more achievements like this one in your future.”

Kops also took the opportunity to comment on the value of their accomplishment. “As graduates, you have successfully achieved your goal. As professionals, you now have more to offer your employer,” he said, adding, “most important, however, your families will now enjoy the time to get reacquainted with you.”

The guest speaker for the evening was Barbara Bowes, president of Bowes Leadership Group. A former instructor for the human resources management program, she also writes a regular Free Press column called Working World and hosts a weekly Work Issues segment on the CJOB Chamber of Commerce show.

Bowes talked to graduates about their decision to go back to school and what that meant to each of them. “Tonight, as you contemplate your achievement, I know that you are confident it was all worth it. Think of what that certificate or diploma has brought you to date – a new job or a promotion? At the very least, you learned new skills, and made great friends.”

“Best of all, you took up a challenge and proved you could do it. And believe me, your increased sense of self-esteem and proved you could do it. And believe me, your increased sense of self-esteem and you must make a contribution to improve it. Giving back makes the community strong.”

Barbara Bowes
Bowes Leadership Group president

The only job security you will have is your skills, abilities and the belief in yourself.”

I felt it was important to recognize that to be a true member of the community you must make a contribution to improve it. Giving back makes the community strong,” he said.

An experienced accountant specializing in real estate and corporate finance, Gurvey is also an instructor for the department of accounting and finance with the I.H. Asper School of Business, and I really enjoy the classroom. For me, it is a refreshing change from the boardroom. I hope this award will encourage future students not only to strive academically, but to make an equally strong commitment to their community.”

Gurvey award recipient Ted Paley was pleased with the recognition. “I feel very good about the award. I have been involved in many organizations, from the Advertising Club of Winnipeg to the Ukrainian community, Rotary, sports and school. It is important to give back. It is unfair to expect others to work harder while one’s family enjoys all the benefits. One of the most important benefits of community work is the friendships you build. It all takes time and energy, but in the end, it is worth it,” he said.

Barbara Bowes talks to graduates about the benefits of going back to school.

Paley receives Gurvey award at graduation ceremonies

The Continuing Education Division named the recipient of the new Gurvey Community Minded Professional Award at its graduation ceremonies on June 9.

The first recipient of the Gurvey Award is Ted Paley, graduate of the advanced accounting certificate program. The Gurvey Award will be presented annually to a student member of the Society of Management Accountants who demonstrates community service involvement combined with entrepreneurial endeavours and academic achievement.

The award is named for David Gurvey, CMA, a Winnipeg businessman and business consultant.

Gurvey initiated discussions with the Continuing Education Division to create an award that would recognize the importance of academic achievement and community service. “I felt it was important to recognize that to be a true member of the community you must make a contribution to improve it. Giving back makes the community strong,” he said.

But I’ll bet the majority of you are thinking: I wonder... what certificate can I do next? I want to learn more.” Bowes specifically urged students to become continuous learners. “Remember, the world of work is global and will forever create challenges for you as a professional.”

Her advice to graduates was to challenge their view of themselves, adding that the “only job security you will ever have is your skills, abilities and the belief in yourself.” She warned students that when they returned to the workplace, they must be careful not to become attached to their job titles. If they do, they run the risk of losing their identity as an individual. Instead, the focus must be on developing skills and abilities.

Bowes also emphasized that students must also understand what motivates them. What do they look for in a job? What drives them to succeed? “This self-knowledge will help you to correctly choose your next job, your next challenge and to continually manage your career. Knowing yourself allows you to take control of your life.”

In conclusion Bowes added, “your graduation and all your efforts to this point demonstrate you are on the right road to success and that there is a lot of joy in reaching this destination. Congratulations. Keep up the good work and keep on learning.”
Graduation time for Continuing Education students

Recognition and awards handed out to diploma and certificate graduates

The Continuing Education Division recognized a select group of graduates during its graduation ceremonies on June 9. The academic achievement awards 2005 included:

GERTRUDE STROM Certificate in Accounting Award of Excellence

“This award provides a real sense of achievement. This is an important milestone for me,” says Gerry Strom. A database programmer with the civil service commission. This job has allowed me to choose my next posting, with the department of labour and immigration and will soon move to the civil service commission. His work involves the collection and analysis of historical data on current trends and budgets. This data can often provide a context for future business decisions. “I developed an interest in accounting through my programming responsibilities. An important goal for me was to integrate the practice with the theory.” In his current position for the past five years, Strom has been in the data and computer industry for over 20 years. “My experience in the program was very positive. It was beneficial to meet peers that had the same motivation and interests.” Strom doesn’t intend to stop learning. “I am looking at my options right now. I can transfer credits from this program, and I am contemplating a degree in economics to develop a broader business context.”

TED PALEY Certificate in Advanced Accounting Award of Excellence

“The Certified Management Accountant (CMA) designation is my goal,” says Ted Paley, comptroller with Mind Computer Products. The company assembles computer products that are distributed on a national basis. Paley’s focused approach comes naturally as a former business owner. It was during that period, in 1995, that he enrolled as a student in the certificate in accounting program. After retiring from his own business in 2003, he wanted to go one step further. “I handled accounting responsibilities, but wanted to learn more to enhance my prior experience. The advanced accounting program provided excellent insights and concepts applicable in my current position.” Paley has a second award to his credit; he was also named the recipient of the Gurney Community Minded Professional Award.

KATHERINE TODD Certificate Program in Human Resource Management Award of Academic Achievement

Kathleen Todd, labour relations coordinator for CUPE (Canadian Union of Public Employees) Local 500, Water and Waste Department, City of Winnipeg, wanted a fuller understanding of the human resource function. In her current job for the past two years, Todd’s career goal is a national services representative position for CUPE. She was recently successful in filling that role in a temporary position. “In my position, I handle many of the human resource type functions on behalf of the union members. This can involve anything from grievances to collective bargaining and labour management issues,” says Tod. She has completed a number of union courses and found the human resource management program complementary to that learning. “I feel it provided a very worthwhile experience and the practical applications are extremely useful. Combined with my union course work, I was able to integrate all of my studies,” she added. “This award was a real honour and I am delighted with this recognition of my efforts.”

HEATHER HILDEBRAND Certificate Program in Quality Management ASQ Award for Academic Achievement

Heather Hildebrand, director of staff development for Rock Lake Health District, wanted to expand her knowledge of quality management. In her role, she is responsible for the ongoing development of 127 staff, including health professionals and support staff at two long-term care facilities and one community health center in southwestern Manitoba. A nurse for the past 20 years, she has held her current half-time position for the last six years. “My academic goals were to understand the theory and practice of quality management from a local and global perspective. The courses provided an excellent foundation and introduction to processes and practical applications.” Hildebrand completed the program by distance education, and appreciated the interaction and excellent support. Her studies did not deter her from her second job on the family farm. “My work is diverse and stimulating. This learning offers me options to meet challenges in my field more effectively,” she added.

Poworoznyk and Walker receive Kristjanson scholarship

Tracey Poworoznyk and Michael Walker, both final year students in the human resource management program, were named the Kristjanson Scholarship recipients at the June 9 Continuing Education Division graduation ceremonies.

The scholarship was established in 1992 to commemorate the life and work of a dedicated professor in the Continuing Education Division, Ronald Kristjanson. Awarded to students in their final year, the scholarship is based on grade point average and community service.

Tracey Poworoznyk holds a management internship position with the provincial government. The posting offers a job rotation every six months and ends in 2007. The scholarship award will provide welcome financial support for Poworoznyk. “I am very appreciative of this honour. I was concerned about financing the remainder of my program, but now I have the assurance I can continue my studies.”

After completion of her master’s degree in counselling psychology in 2004 at the University of Manitoba, her career plan was human resources, with a focus on training and development the ultimate goal. “My internship allows me to choose my next posting. I am currently completing a placement with the department of labour and immigration and will soon move to the civil service commission. This job has been diverse, with a demanding learning curve.” As she works to complete the human resource management program, Poworoznyk described her learning experience as valuable preparation for her future career in the field. “The program is serving my learning needs very well. I am developing a flexible skill set I can continue to use once my internship is completed.”

The second Kristjanson Scholarship Award recipient is Michael Walker, supervisory attorney at the Criminal Law Office of Legal Aid Manitoba. The office includes seventeen lawyers and support staff who provide legal services to adults and youth. Walker’s responsibilities also include human resource functions within the office.

“The human resource management program provided me with the theory and practical skills which will make me more effective as a manager,” he says. The program has also been a useful resource in his community work. He has been a volunteer board member with Macdonald Youth Services since 1997. Walker commented, “I am proud to be involved as a volunteer with Macdonald Youth Services. I am especially honoured to be recognized for this volunteer work through the Kristjanson Scholarship Award.”

The non-profit organization has been providing services to support children and families in the Winnipeg community for 75 years.

Photo by Bob Slicher
Student research forum just keeps getting better

By Renee Barclay

For The Bulletin

There were posters everywhere.

A record number of research posters were displayed at the Bannatyne Campus for the Canadian Student Health Research Forum, as the event continued to attract growing interest from research trainees.

More than 160 posters by graduate students from across the country filled the Brodie Centre Atrium during the three-day event from June 7 to 9. The forum, formerly known as Research Days, was initiated by the Faculty of Medicine 18 years ago, but it has been dramatic growth in recent years with the inclusion of a world-class symposium on a “hot” theme and the involvement of the Canadian Institutes of Health Research (CIHR), which helps sponsor the event.

The Manitoba Graduate Students’ poster competition featured student-generated projects in the areas of medicine, dentistry, pharmacy, nursing and other health sciences, and finalists’ posters were later presented in the CIHR poster competition, with over $25,000 in awards presented.

“Say you haven’t seen anything yet. We’re thrilled with the quality of participation we’re getting, but there is a lot of room for growth,” said Ed Kroeger, assistant dean (graduate studies) for the Faculty of Medicine.

Kroeger anticipates the cross-disciplinary forum that features work of health research trainees from across Canada will expand further, and he hopes to generate more participation from graduate students at the Fort Garry Campus.

Lupina Foundation gives $625,000 to support MCHP

The Lupina Foundation has pledged $625,000 to the Manitoba Centre for Health Policy (MCHP) in the University of Manitoba’s Faculty of Medicine, to support web-based research knowledge transfer through the Concept Dictionary Fund.

The Lupina Foundation has pledged $625,000 to the Manitoba Centre for Health Policy (MCHP) in the University of Manitoba’s Faculty of Medicine.

“Sharing working knowledge is important to help health policy researchers capture economies of scale and collaborate effectively across provinces,” says Ross. “Major change to coding schemes have the danger of causing slowdowns in research as investigators try to work out new ways of approaching the data.”

The Manitoba Centre for Health Policy is among three Canadian universities to receive funding from The Lupina Foundation at this time; Oxford University in Great Britain was also successful.

To view the Concept Dictionary go to the following link: www.umanchество.ca/centres/mchp/concept/

Filmons will be honoured at Alumni Association reception

The Alumni Association Inc. of the University of Manitoba is hosting its annual general meeting on Tuesday, June 28. This year, there will also be a reception immediately following the AGM to honour Gary and Janice Filmon, this year’s recipients of the Distinguished Alumnus Award.

The AGM will begin at 6:30 p.m. and the DAA reception will commence at 7:30 p.m. Both events will be held in Marshall McLuhan Hall at University Centre.

This year’s DAA recipients are being recognized for their contributions to the university, to the province, to the community and to the welfare of others. The commitment they have demonstrated through professional and volunteer activities encompasses a broad scope of influence in all aspects of life. As individuals, each is recognized: Gary Filmon, for his public service, especially as a former premier of Manitoba, and other numerous contributions to the community, and Janice Filmon, for her tireless efforts with community organizations and committees, such as CancerCare Manitoba, various hospitals and health care foundations. As a couple, they exude a wonderful synergy and commitment to teamwork.

The Filmons will officially receive the award at Fall Convocation.

The Distinguished Alumnus Award is presented annually to an alumnus who demonstrates outstanding professional achievement, significant service to the University of Manitoba, and significant contributions to the community and to the welfare of others.

All alumni and friends are welcome to attend. To RSVP please call 474-9946 by June 21.

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Bannatyne Campus
AND ST. BONIFACE RESEARCH CENTRE

Medical rounds are typically targeted at university staff and professionals directly involved in the medical field.

**THURSDAY, JUNE 16**
National Training Program in Allergy and Asthma, How does smooth muscle contract? by Chun Seow, PhD, associate professor, department of pathology, & laboratory medicine, James Hogg Institute for Lung Health, University of British Columbia, 4:30 p.m., Thursday, June 16.

**MONDAY, JUNE 20**
Pediatrics and Child Health Intake Rounds, CXR in Cardiac Disease by Martin Reed, CH181/183 Children’s Hospital, 5:30 p.m., Monday, June 20.

**THURSDAY, JUNE 23**
Clinical Health Psychology Colloquium, Using Program Evaluation to Inform the Delivery of Mental Health Services: Current Practice and Lessons Learned by Tim Aubry, associate professor, University of Ottawa, PX236, Psych calculus, 3 p.m., Thursday, June 23.

**FRIDAY, JUNE 24**
Pharmacology, The role of variable nicotine metabolism in smoking behaviour, cancer and CNS adaptation by Rachel Tyndale, Canadian Research Chair in Pharmacogenetics, associate professor, department of pharmacology, University of Toronto, A229 Chown Building (Pharmacology Library), 9-30 a.m., Friday, June 24.

**MONDAY, JUNE 27**
Embryology, Moving head or tail of gastrulation in the mammalian embryo by Christoph Viehmann, professor and head, Centre of Anatomy, Division Embryology, University of Göttingen, Germany, Theatre C Basic Medical Sciences Building, 12 p.m., Monday, June 27.

**TUESDAY, JUNE 28**
Neuroscience Lecture, Neurovascular interactions - Can Endothelial Growth Factors Do More? Evidence That Angiopoietin 1 Can Act As A Neuronal Growth Factor by Nicole Ward, Department of Anatomy, Case Western Reserve University, Cleveland, Ohio, Theatre C Basic Medical Sciences Building, 1 p.m., Tuesday, June 28.

**WEDNESDAY, JUNE 29**
Surgical Grand Rounds and Visiting Professor Program, Deep Brain Stimulation by Jerry Kroeck, Theatre A, Basic Medical Sciences Building, 4-30 p.m., Monday, June 20.

**Thursday, June 23**
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New recruits, award winners and Bison football expands

BY CHRIS ZUK
Bison Sports Information Officer
The Manitoba Bisons men’s hockey team has begun their quest for the University Cup in the 2005-06 season by announcing five new recruits – two from the Anavet Cup champion Portage Terriers, one from Royal Bank Champion Weyburn Red Wings, one from the BCHL, and one from the SJHL. Bisons head coach Mike Sirant is pleased to announce the commitment of Steve Bentley, Kip Workman, Rick Wood, Jon Cara and Kyle Nichols to the Bison program for the upcoming season.

Haddon and Workman played for the 2005 Anavet Cup champion and 04-05 MJHL champion Portage Terriers team.

Wood was instrumental in leading the Weyburn Red Wings to the 2005 RBC Royal Bank Championship. Workman, 20, notched the game-winning goal in the thrilling 3-2 win in the Championship game.

Nichols played with the Nipawin Hawks of the SJHL.

Sirant commented on the recruits. “We’re pleased to have these players commit to Bison Hockey and they will be an excellent addition to our program. All of them are strong players with lots of character who will bring with them a winning attitude.”

University of Manitoba

Bison Sports

NEW RECRUIT FOR SWIM TEAM
The Manitoba Bison swim team continues to add to their 2005-06 team by announcing another major new recruit from the Winnipeg area, Julianne Toogood, for the upcoming season.

From Vincent Massey Collegiate, Toogood brings an impressive swimming resume to the Bisons. The 17-year-old recently qualified for the Canada Summer Games, which runs from August 6-20 in Regina. She will join four other Bisons on the Manitoba squad.

In addition, Toogood has qualified for the senior nationals.

AWARD WINNERS
Bison women’s volleyball head coach Ken Bentley and Bison Katie Davidson both earned recognition at the recent Manitoba Volleyball Association (MVA) awards banquet.

Bentley was named the Mary Jean England Elite Coach of the Year. During the season, he coached teams that won provincial in both the 18-and-under and 20-and-under categories along with a national championship at the 20-and-under level. In his 18th season with the Bisons, the young team was ranked as high as eighth in the CIS Top 10 and batted for a playoff spot right until the end of the season.

Bentley was also named into the MVA Honour Society. He was one of seven inductees to be recognized for this honour because of his significant long-term (15 years plus) contribution to amateur volleyball in Manitoba as a player, coach, or official volunteer.

Katie Davidson was named the Cheryl Cable Memorial Award Winner. The award is given to the outstanding 20 and under female player whose dedication, enthusiasm and ability are an inspiration to others. Davidson’s attitude and work ethic serve as an inspiration to all those around her. This past season she led her team to both the provincial championship and national championship gold medal.

It’s summer time!
And that means the Bulletin has moved to its monthly publishing schedule.
Look for the Bulletin on July 14 and August 18.

ACADEMIC OPPORTUNITIES

A full listing of employment opportunities at the University of Manitoba can be found at wwwumanitoba.ca

The University of Manitoba 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 Canadian and permanent residents will be given priority. Please include the position number when applying for openings at the university.

I.H. ASPER SCHOOL OF BUSINESS
Department of Business Administration
Position: Head of the department of business administration for a five-year term. The candidate must hold a tenured position within the I.H. Asper School of Business.

Start date: July 1, 2005

Application deadline: June 23

Position number: AAW 067

For information: Dr. Ed Tychyniwickz, associate dean, I.H. Asper School of Business, University of Manitoba, Winnipeg MB R3T 5V4, phone 474 7928, 18 mail: ed_tychyniwickz@umanitoba.ca

CLASSIFIED ADS

The Bulletin welcomes Classified Ads. The rate for ads is $5 for the first 45 words.

THINKING ABOUT RETIREMENT
IN VICTORIA, B.C.? Investigate West Coast living in this furnished period home, August through March. Desirable James Bay area, steps from oceanfront park, stores, walking distance from downtown. Features solarium, large bright unfurnished basement suite, lovely deck, garden, photos, details at www.msnusers.com/VictoriaHome.

Remember, it’s YOUR Bulletin!
The Bulletin welcomes:
• news tips, photo ideas and event submissions.
• Letters to the editor
• Columns and opinion pieces on matters of interest to the university community

For information call 474 8111

Employment Equity Incentive Fund Awards

Applications are now being accepted for the 2005/2006 Employment Equity Incentive Fund competition. The Fund provides budget-only support for projects which support employment equity initiatives proposed by individuals, faculties, schools, departments and other administrative units.

Types of projects include:
• facilitating recruitment or retention of designated group members as academic or support staff;
• promoting cultural or gender sensitivity or inclusivity;
• accommodating special needs in the workplace; *
• providing role models for designated group members;
• increasing awareness of employment equity issues.

Deadline: June 29, 2005

Please Note: Requests for a second year of support will be considered for one or two initiatives which require more than one year to complete.

* Requests for accommodations of special needs for employees with disabilities should be made to the Reasonable Accommodation Fund.

For application forms, please contact: Paula Birell, Equity Services Assistant Ph: 474-7491, Paula.Birell@UManitoba.ca

For information, please contact: Dr. Mary Galloway, Employment Equity Officer Ph: 474-8571, Mary.Galloway@UManitoba.ca

For information to applicants, forms, a brief history of the fund and a list of successful proposals check the Equity Services web site or contact Equity Services.

BISON FOOTBALL GROWS
The University of Manitoba Athletic Department has added Stan Pierre to the Bison Football Club.

Pierre, 34, has had an extensive football portfolio before assuming the full-time role with the Bisons. Over the last seven seasons, the Winnipeg native has been heavily involved with the Bison football program as the defensive coordinator and linebacker coach. In his first three seasons, he revitalized a defense that was ranked last and led them to the top rank in the Canada West conference – including the Vanier Cup run in 2004.

With the hiring, Bison Sports has committed to the first full-time assistant coach in Manitoba university history. Pierre had previously worked diligently with the Bisons on a volunteer basis. In addition to his coaching duties, he worked full-time as a partner and general manager of Reign Wear (promotional clothing and accessories).

Bison football head coach Brian Dobie commented, “Hiring Stan allows us to perform more duties and keep Manitoba on equal footing with other CIS-level football teams.”

Pierre played five football seasons with the Bisons. As a rookie in 1989, he tied for most sacks in Canada West. Pierre was a starter throughout his career and was named a Canada West All-Star in 1991.

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Types of projects include:
• facilitating recruitment or retention of designated group members as academic or support staff;
• promoting cultural or gender sensitivity or inclusivity;
• accommodating special needs in the workplace; *
• providing role models for designated group members;
• increasing awareness of employment equity issues.

Deadline: June 29, 2005

Please Note: Requests for a second year of support will be considered for one or two initiatives which require more than one year to complete.

* Requests for accommodations of special needs for employees with disabilities should be made to the Reasonable Accommodation Fund.

For application forms, please contact: Paula Birell, Equity Services Assistant Ph: 474-7491, Paula.Birell@UManitoba.ca

For information, please contact: Dr. Mary Galloway, Employment Equity Officer Ph: 474-8571, Mary.Galloway@UManitoba.ca

For information to applicants, forms, a brief history of the fund and a list of successful proposals check the Equity Services web site or contact Equity Services.

BISON FOOTBALL GROWS
The University of Manitoba Athletic Department has added Stan Pierre to the Bison Football Club.

Pierre, 34, has had an extensive football portfolio before assuming the full-time role with the Bisons. Over the last seven seasons, the Winnipeg native has been heavily involved with the Bison football program as the defensive coordinator and linebacker coach. In his first three seasons, he revitalized a defense that was ranked last and led them to the top rank in the Canada West conference – including the Vanier Cup run in 2004.

With the hiring, Bison Sports has committed to the first full-time assistant coach in Manitoba university history. Pierre had previously worked diligently with the Bisons on a volunteer basis. In addition to his coaching duties, he worked full-time as a partner and general manager of Reign Wear (promotional clothing and accessories).

Bison football head coach Brian Dobie commented, “Hiring Stan allows us to perform more duties and keep Manitoba on equal footing with other CIS-level football teams.”

Pierre played five football seasons with the Bisons. As a rookie in 1989, he tied for most sacks in Canada West. Pierre was a starter throughout his career and was named a Canada West All-Star in 1991.
The link between housing conditions and asthma

By Frank Nolan, Research Promotion Officer

A new research project that draws on the expertise of researchers from three universities could potentially improve the lives of Winnipeg children suffering from asthma. What makes this study unique is the fact that it was started by a University of Manitoba engineering professor.

Dimos Polyzois, civil engineering, has brought together experts in engineering, education, and risk analysis to examine the relationship between substandard housing, respiratory health, and school absenteeism among nine-year-old children in Winnipeg.

The research team includes University of Manitoba professor Anita Koszynski, community health sciences/pharmacy; University of Winnipeg education professor Eleoussa Polyzoi; and Harvard University professor Kimberly Thompson, an expert in risk analysis.

The seed for the study was planted about four years ago, when Polyzois was working on a project in northern Manitoba that involved using composite building materials to combat problems with mold.

“One of the issues we identified was the effect of mold on health and respiratory problems,” Polyzois said. “I started looking into that, and I was amazed at the lack of research dealing with the relationship between housing, as an infrastructure, and health. That’s really how this all got started.”

Looking at the existing literature, Polyzois found that there was a direct relationship, and that the people most affected were children.

“This raised the question of school absenteeism, since studies also showed that asthmatic children miss an average of 21 days of school each year,” Eleoussa Polyzoi clarified.

In March 2005, the project was awarded a one-year Canadian Institutes of Health Research (CIHR) operating grant of $100,000, and a one-year $71,500 conditional grant from the Regional Partnership Program.

The first step will be to identify children with asthma using a survey distributed through school divisions. The team will then examine 840 homes in Winnipeg to develop a database of housing conditions, including structural components, infrastructure, and maintenance history. The goal will be to connect the health data with the housing data to develop an index.

“It will be what we call a composite healthy housing index, which will allow us to quantify the risk associated with asthma for that particular home,” Polyzois said.

Polyzois said the index would be similar in principle to the UV index. A higher number would indicate that the home has an increased risk for families with asthmatic children.

“Instead of a doctor simply prescribing medication, there may also be some associated advice regarding upgrading the home,” Polyzois said. “The health of the child could be improved by addressing what might be the basic source of the respiratory problems. In the case of badly deteriorated homes, you can take all the medication you want, but unless you improve your environment, it won’t improve your health.”

New research into stigma faced by lung cancer patients

By Frank Nolan, Research Promotion Officer

If you blame a patient for getting sick, does it affect the care you provide?

This is the question at the centre of a new study led by Michelle Lobchuk, nursing. The research team also includes Susan McClement, nursing, and Christine McPherson from the Elisabeth Bruyere Research Institute in Ottawa.

In April 2005, the National Cancer Institute of Canada awarded Lobchuk an operating grant of $204,592 over three years to study the effects of stigma, including blame and anger, on the care that lung cancer patients receive from informal caregivers.

“A large percentage of patients develop lung cancer as a direct result of smoking, and society tends to say ‘it’s your own fault,’” Lobchuk said. “These people have a very limited lifespan once they’re diagnosed, and they often have to live out the remainder of their lives in an atmosphere of blame and anger.”

Lobchuk’s study looks at informal caregivers, like family members or friends, who often silently blame and feel anger toward the patient. This can result in poor communication, and it can affect the decisions caregivers make.

“As healthcare professionals, we expect a lot from family caregivers. We want them to be objective, but they’re dealing with very strong emotions. It’s very hard to be objective in trying to help a patient deal with their symptoms when you’re thinking, ‘you brought this on yourself, and now I’m going to lose you,’” Lobchuk said.

Lobchuk is working with CancerCare Manitoba, using survey tools to measure and quantify the perceptions of both patients and family caregivers. The goal is to create a better understanding of how blame and anger influence communication and affect feelings of empathy in the caregiver.

“In order to understand another person, you really have to step into their shoes to see things from their perspective. Family caregivers need to be encouraged to see things from the perspective of the patient, but if you’re angry at the patient, that can be very hard to do. This kind of research can be quite sensitive, because you might be evoking negative feelings in the family caregiver.”

Lobchuk said smokers who develop lung cancer get little sympathy in the media.

“There doesn’t seem to be as much social judgment being passed on people who have developed an illness due to other behaviours, like poor dietary habits,” she said. “The bottom line is that these people are sick, and I’m not sure that it’s our place to judge them.”
In collaboration with U of M Jazz Camp

Smartpark
Research and Technology Park Presents:

A Summer Night Jazz Fest

Louis Perdomo
Venezuela

Steve Turre
New York

Miguel Zenon
Puerto Rico

Alvin Atkinson Jr.
Will Bonness
Janine Felay
Richard Gill
Ken Gold
Anne Syliby
Steve Noble
Larry Roy

Date: Thursday August 18  Time: 8pm  Place: The Max Bell Centre on The U of M Campus

Tickets: Ticketmaster.ca 780-3333, $10 at the door, FREE for children under 14

Parking: FREE  Seating: Bring your own lawn chair