The researchers honoured were:

**MICHELLE ALFA**
Medical microbiology
For inventing an artificial fluid for testing and cleaning studies of medical devices, including endoscopes and other difficult-to-clean apparatuses.

**JUDY ANDERSON**
Human anatomy and cell science
For discovering a basis for muscle regeneration that has potential applications in treating muscular dystrophy and muscle atrophy.

**GILBERT ARTHUR**
Biochemistry and medical genetics
For developing a number of new anti-cancer compounds that can discriminate between cancer cells and normal cells.

See **RESEARCHERS/P. 2**

The researchers were also recognized for their contributions to commercialization and start-up launches. "This event showcases the high level of innovation at the University of Manitoba," said Technology Transfer executive director Gary Breit. "It also highlights the importance of making such important platform technologies available to the industries that can fully develop them. In doing so, these researchers are making a vital contribution to Manitoba’s economic growth and competitiveness."

The March 6 provincial budget offered good news for the University of Manitoba, but not a complete solution for the funding challenges facing the university. The good news was that the budget offered a 5.8 per cent funding increase in the university’s operating grant for 2006/07, with minimum increases of 5 per cent promised in each of the following two years. Knowing what it will receive over the next two years allows the university to do more long term planning than the traditional system of announcing funding on a year by year basis ever could.

However, the problem is that the university had asked for an 8.9 per cent funding increase this year just to maintain the status quo.

Vice-president (administration) Debbie McCallum said the 8.9 per cent request includes $6.9 million – about 3.4 per cent – that the university had built into its budget last year through three ancillary fees approved by the Board of Governors in May, 2005. The fees were not implemented when the province stepped in with a special one-time $6.9 million funding grant.

However, while the funding might have been a one-time measure to the province, it was filling an ongoing shortfall for the university. Instead of dealing with the shortfall, the one time grant merely moved the shortfall forward a year.

"As a result, significant financial challenges remain and work continues on developing possible solutions to fill the gap," McCallum said. She added, “We’re pleased with the three year funding announcement because it does enable us to plan. If we can figure a way out of our problem this year, it will help us to know the level of funding we’ll receive in 2007/08 and 2008/09.”

Debbie McCallum said the 8.9 per cent funding increase this year just to maintain the status quo.

"We’re pleased with the three year funding announcement because it does enable us to plan. If we can figure a way out of our problem this year, it will help us to know the level of funding we’ll receive in 2007/08 and 2008/09.”

See **BUDGET/P. 2.**

**Inside Stories**

1. Katz joins "the Power 30" breakfast at Smartpark
2. Mills receives honorary degree from University of Manitoba
3. Robson Hall students earn Sopinka Cup victory
4. Tracing the roots of artist/theorist Moholy-Nagy
5. Cooper turns administrative skill to Faculty of Music
6. Mars Society shows research work on Mars is viable
Researchers develop patents for patent innovations

From Page 1.

CHARLES BERNSTEIN
internal medicine
For developing a non-invasive method for detecting the presence of colorectal cancer and colon polyps.

LOHNE BRANDES
internal medicine/Manitoba Institute of Cell Biology
For inventing a new drug, now in a final phase III trial in metastatic and recurrent breast cancer, which could potentially be used to treat a wide range of aggressive cancers.

ALVARO BRAS
Pharmacy
DANIEL SITAR
pharmacology & therapeutics
For developing a diagnostic test that could be used to detect the presence of cancer in general, and potentially to detect specific types of cancer.

KRISHNAMURTI DAKSHINAMURTI
biochemistry and medical genetics
NARANJAN DHALLA
physiology/institute of cardiovascular sciences
RAJAT SETHI
physiology/institute of cardiovascular sciences
For developing a treatment for hypertension, as well as new compositions and methods for treatment and prevention of hypertension, congestive heart failure and ischemic heart disease.

KENNETH DOYINCHUK
surgery
For inventing a therapeutic treatment for scar tissue.

WERNER ENS
physics and astronomy
VICTOR SPICER
physics and astronomy
KENNETH STANDING
physics and astronomy
For a number of patents for improved spectrometer design, which are key components of spectrometers produced by MDS Sciex and used by proteomics researchers worldwide.

ROBERT HILL
plant science
For his discovery that expression of a specific plant hemoglobin can maintain the energy status of cells in low oxygen environments, permitting plant roots to survive during flooding conditions.

WAYNE LAUTT
pharmacology & therapeutics
For discovering a mechanism for insulin resistance in Type 2 diabetes.

GERALD LEFEBRE
anesthesia
ALAN MUNCH
anesthesia
For developing mechanisms for creating support devices, like mechanical ventilators and mechanical pumps used to supply blood flow during open heart surgery.

RONALD MARQUARDT
animal science
For developing a compound that reduces heart surgery.

MICHAEL MAYNE
pharmacology and therapeutics
For developing a method for specifically suppressing the immune response in a mammal receiving gene therapy.

LUIS OPPENHEIMER
surgery
For developing mathematical models for electromagnetic phenomena to design and improve the performance of antennas and the software that controls them.

NARIMAN SEPEHR
mechanical and manufacturing engineering
For inventing a method and apparatus for accurate position control of hydraulic robots, and a controller that compensates for flow deadbands in hydraulic valves.

LOTFIOLAH SHAFAI
electrical and computer engineering
For developing a new transgenic mouse model for the study of neurological disorders.

MAGDY YOUNES
internal medicine
For developing the proportional assist ventilator (PAV), a critical care device that responds to the breathing needs of the patient.

Budget will go before the Board of Governors in May

From Page 1.

McCallum said the university will be working on its budget over the next two months and will make its budget presentation to the Board of Governors on May 25. The university’s overall operating budget works out to about $580 million with about $220 million coming directly from the provincial operating grant and the remaining amount through tuition fees and other sources of income.
Mills has led a distinguished military and medical career

The University of Manitoba bestowed an honorary degree upon William J. Mills, Rear Admiral (Ret.), US Navy during a ceremony at the University of Alaska, Anchorage, on March 8. The trip to Anchorage was made after Mills was unable to attend last fall’s convocation at the University of Manitoba.

Mills, an orthopedic surgeon, has practiced medicine for the past 50 years. In that time he has distinguished himself as a world expert in the treatment of cold injuries including frostbite and hypothermia. Dr. Mills served with distinction as a torpedo boat captain in World War II, where he lost a leg due to injuries sustained on his boat. He graduated from Stanford University Medical School in 1949 and completed a residency in orthopedic surgery at the University of Michigan in 1951. Dr. Mills again gave his professional talents in the service of his country by serving as a frontline physician in the conflict in Vietnam. In 1978, Dr. Mills retired from the United States Navy with the rank of Rear Admiral. Although Dr. Mills has practiced medicine in many areas of the world, it is during his long tenure at Providence Hospital in Anchorage, Alaska where he gained unprecedented experience in the treatment of frostbite and hypothermia. As a result of his observations, scientific study, and pioneering spirit, Dr. Mills has become one of the classic giants of the cold injury world.

Dr. Mills has also taught the world medical community about human physiology during whole body hypothermia. He was the first to apply the technique of fasciotomy (surgically opening up skin and muscle tissue) to relieve the extreme build up in tissue swelling. This practice returned blood flow to the feet, thus salvaging tissue that would otherwise have been routinely lost. Although fasciotomy is commonly used for relief in other medical conditions, it was Dr. Mills who demonstrated the need for, and effectiveness of, this procedure for many frostbite cases.

Dr. Mills has also taught the world medical community about human physiology during whole body hypothermia. He was one of the first physician/scientists to fully describe the state of human physiology during severe hypothermia. He coined the term “metabolic icebox” which is a standard term now used around the world. Dr. Mills defined the standard of care for hypothermic victims in the hospital emergency room. Hence, it is now common practice to establish “full physiologic control” of a patient before any significant warming measures are taken. This practice has greatly decreased the incidence of death resulting from the initiation of vigorous in-hospital treatment without proper patient preparation.

Dr. Mills’ status in the medical community is immense. He has written over 100 scientific-medical publications. As a testimony to his reputation, an entire issue of the journal *Alaska Medicine* was dedicated to Dr. Mills, with the issue containing only classic and new articles by Dr. Mills. Dr. Mills has also been acknowledged as the University of Manitoba Distinguished Lecturer in 1998 and received an honorary doctorate from the University of Alaska, Anchorage in 2003.

He has also been awarded numerous military, scientific and medical awards in his long career. It is fitting that the University of Manitoba recognize Dr. Mills for his lifetime achievements as a leader in cold injury medicine. At the same time the university itself is honoured by its association with this well known innovator.

Gallant returns as GSA president

The eight-person race for the four UMSU councilor positions proved to be tight with Stephen Abiore, Faisal Shibley, Patrick Fortier and Yunfa Zhu coming out on top. The three senator positions were won by even smaller margins, as David Zhang, Samuel Ima and Suresh Neethirajan received the third highest amount of votes at 206, held off closest challenger Khan who, with a vote count of 205, lost by only one vote. Until ratified by council, these numbers are considered unofficial.

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Mills, an orthopedic surgeon, has practiced medicine for the past 50 years. In that time he has distinguished himself as a world expert in the treatment of cold injuries including frostbite and hypothermia. In 1998 he was the University of Manitoba Distinguished Lecturer.

Honorary degrees are awarded by the University of Manitoba for distinguished achievement in scholarship, the arts or public service. Candidates for honorary degrees are nominated by members of the university and the public.

William Norrie, chancellor, Emőke Szathmáry, president and vice-chancellor, and Gordon Giesbrecht, Physical Education and Recreation Studies, took part in the ceremony.

Namkeen photo

From left, William Norrie, chancellor, Elaine Maimon, chancellor of the University of Alaska Anchorage, honorary degree recipient William J. Mills, and president Emőke Szathmáry.

Mills receives honorary degree from U of M

The citation for Dr. William J. Mills noted:

Dr. William J. Mills, an orthopedic surgeon, has practiced medicine for the past 50 years. In that time he has distinguished himself as a world expert in the field of the treatment of cold injuries including frostbite and hypothermia.

Dr. Mills served with distinction as a torpedo boat captain in World War II, where he lost a leg due to injuries sustained on his boat. He graduated from Stanford University Medical School in 1949 and completed a residency in orthopedic surgery at the University of Michigan in 1951. Dr. Mills again gave his professional talents in the service of his country by serving as a frontline physician in the conflict in Vietnam. In 1978, Dr. Mills retired from the United States Navy with the rank of Rear Admiral.

Although Dr. Mills has practiced medicine in many areas of the world, it is during his long tenure at Providence Hospital in Anchorage, Alaska where he gained unprecedented experience in the treatment of frostbite and hypothermia. As a result of his observations, scientific study, and pioneering spirit, Dr. Mills has become one of the classic giants of the cold injury world.

Dr. Mills single-handedly changed the standard of care for treatment of frostbite from slow thawing (a practice that even includes rubbing snow and/or ice on the injury) to rapid re-warming; a practice that greatly improves prognosis and has undoubtedly saved many limbs from amputation. This is no small accomplishment given the fact that the accepted standard of care for frostbite during much of the past 200 years, was to actively cool frostbitten tissue. Unfortunately this actually still occurs in some North American hospitals today. A second ground-breaking contribution followed observations by Dr. Mills that thawed tissue that should have survived (usually in the feet) inexplicably degenerated and was eventually lost. Dr. Mills finally theorized that the problem was an intense build up of pressure within the leg muscles, which cut off the circulation to the foot. He was the first to apply the technique of fasciotomy (surgically opening up skin and muscle tissue) to relieve the extreme build up in tissue pressure. This practice returned blood flow to the feet, thus salvaging tissue that would otherwise have been routinely lost. Although fasciotomy is commonly used for relief in other medical conditions, it was Dr. Mills who demonstrated the need for, and effectiveness of, this procedure for many frostbite cases.

Dr. Mills also taught the world medical community about human physiology during whole body hypothermia. He was one of the first physician/scientists to fully describe the state of human physiology during the classic giants of the cold injury world. He has been awarded numerous military, scientific and medical awards in his long career. It is fitting that the University of Manitoba recognize Dr. Mills for his lifetime achievements as a leader in cold injury medicine. At the same time the university itself is honoured by its association with this well known innovator.

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Med students use art to enhance bond with patients

BY KIMBERLEY CORNEILLIE
For The Bulletin

Monday, March 6 marked the opening night gala of the University of Manitoba Medical Art Show at the Brodie Centre. Thirteen first-year medical students showcased their newly explored artistic talents focusing on the theme: “Palliative Care: End-of-Life Issues.”

The goal of the art show was to blend two unrelated disciplines: art and medicine, in a way that medical students and those in the health care professions can tangibly see that providing health care requires more than knowledge and understanding of the science of the field.

“It provides a great opportunity for the physicians of tomorrow to gain insight into the patient realm instead of the textbook focus,” said second-year med student and art show coordinator, Manrit Kaur Takhar.

Takhar also submitted four pieces to the show and said her participation will enhance her future interactions with patients.

“It is important for future doctors and health care professionals to demonstrate compassion, humanism and commitment to a high level of quality of care, at the same level that they themselves would expect to receive,” she said. “I understood the importance of the need to connect with the patient and provide support when I saw her first tear crawl down her cheek. She needed a hand to hold”, said Roopesh Kansara, second-year med student and art show coordinator. Kansara’s works demonstrate his reaction to his experiences in medicine.

The show ran from March 6 to 10 at the Brodie Centre and March 13 to 17 at the Fort Garry campus.

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Second-year med student Roopesh Kansara was one of 13 contributors to the University of Manitoba Medical Art Show this month.
Robson Hall students continue their winning ways

BY DARYC PATTerson
For The Bulletin

For the third time in the eighth year history of the prestigious Sopinka Cup National Trial Moot Competition, University of Manitoba law students at Robson Hall brought home the cup!

This year’s Robson Hall contingent included second year students Lana Jackson and Eric Hachinski and coach Rick Saull. Senior Counsel with the Department of Justice, Manitoba, and Robson Hall Graduate Class of ’78, Robson Hall is the only law school in the history of the Sopinka Cup to win three times, each time with Saull as coach. Jackson and Hachinski praised him for his coaching ability, vast body of knowledge and enthusiasm for sharing this knowledge.

This win is further proof that Robson Hall has one of the best advocacy programs in the country, and reflects 18 years of commitment by professor Lee Stuenner, head of the advocacy program.

By the time they have graduated, the students have established a comfort level with each other, know each other well enough to anticipate what the other is going to say, and they each have a strong commitment to the team. They have both been offered articling positions with Winnipeg law firm D'Arcy & Deacon starting this spring, and they hope to be able to continue mooting upon return to Robson Hall in the fall.

In these competitions, teams are assessed on their demonstrated advocacy abilities, not on a trial win. The competitions are presided over by a real judge and the teams are assessed by a panel of experienced lawyers.

Richard L. Frost

Road to the Top

Jackson, born and raised in Winnipeg, has demonstrated a talent for advocacy from a young age. In high school she was on the senior debate team at St. Mary’s Academy, and also coached the junior debate team.

Hachinski, also winner of the Sopinka prize for best cross examination, is accustomed to performing in front of a demanding audience as he is a classically trained pianist who studied at the preeminent Julliard School.

As a team they excel because they have established a comfort level with each other, know each other well enough to anticipate what the other is going to say, and they each have a strong commitment to the team. They have both been offered articling positions with Winnipeg law firm D’Arcy & Deacon starting this spring, and they hope to be able to continue mooting upon return to Robson Hall in the fall.

The University of Manitoba team clinched the victory. In order to qualify for the regional competitions, each school will typically have its own trial competition. The competition at Robson Hall is called the Western Canada Trial Moot Competition (Western Cup), which was held in Winnipeg earlier this year.

The competition at Robson Hall is called the Western Canada Trial Moot Competition (Western Cup). This competition is the Solomon Greenberg Trial Moot Competition. In these competitions, teams are assessed on their demonstrated advocacy abilities, not on a trial win. The competitions are presided over by a real judge and the teams are assessed by a panel of experienced lawyers.

McCandless, the Robson Hall PBSC has expanded dramatically over the last year, implementing creative new methods to encourage and motivate new members. This program at Robson Hall is poised to become the leading PBSC program in the country, and serves as a model for how other law schools can effectively run their own programs.

In an appreciation event called “Access to Justice,” on March 16, Robson Hall’s PBSC chapter recognized those lawyers and law students who have made the program a success in Manitoba over the past year. Richard L. Frost, C. E.O. of the Sopinka Foundation and judge of the Western Cup, was on hand to accept the prize.

He set up the organization to offer students a chance to work with lawyers and other professional advisors to help them and their clients become more aware of the concept and benefits of philanthropy. Through this initiative, we’re generating that understanding of the power of philanthropy in the next generation of lawyers.”

Also in attendance were Noah Aiken-Klar, director of the national pro bono movement in Toronto, Faculty of Law dean Harvey Seker, provincial Justice Minister Gord Mackintosh and Manitoba Law Foundation president Richard Swystun.

Additional information on the PBSC, visit umanitoba.ca/law/pbsc.

Scholars warn of impact on oceans

An international team of researchers has this month warned of an emerging tragedy in the world’s marine ecosystems.

In an article in the leading journal Science, the researchers say that highly mobile fishing enterprises – which they describe as “roving bandits” – are plundering marine resources at an unsustainable rate, threatening the integrity of ecosystems. This erodes the resilience of marine ecosystems and increases their vulnerability to environmental change, especially climate change.

The raiders clean out entire fisheries and move on to the next resource beyond the reach of local authorities, in a worldwide marine version of the “tragedy of the commons,” warn 15 Swedish and Dutch ecologists, social scientists and resource economists.

What makes roving banditry different from most commons dilemmas is that a new dynamic has arisen in the globalized world: new markets can seriously destabilize marine systems, causing unpredictable collapses, warns Terry Hughes, director of the Australian Research Council’s Centre of Excellence for Coral Reef Studies. “Some fisheries have become hit-and-run industries, without controls or limits on what is taken. Global demands can shatter a resource without regard to the local people who depend on it for their livelihoods, or for the future of the marine environment.”

The 15 researchers are calling for urgent action at global, regional, national and local scales to bring overfishing under control. This includes enforcing local resource use rights, closing some areas to fishing, reforming markets, and using flexible management approaches.

Lana Jackson and Eric Hachinski, law, with the coveted Sopinka Cup back at Robson Hall after this month’s Moot Court victory.

From Athens and Berlin to L.A.: Faculty Scholarship in a Changing Academy

public lecture

R. Eugene Rice

Dr. Rice is senior scholar at the Association of American Colleges and Universities and most recently was Director of the Faculty Roles & Rewards Forum at the American Association of University Professors. Prior to his work at AACTE, Dr. Rice was Senior Fellow at the Carnegie Foundation for the Advancement of Teaching. He is also a leading Canadian, Australian, American, and European scholar in the field of higher education policy and politics. He is co-director of the annual higher education policy conference at the University of Alberta. The Robert and Elizabeth Knight Scholarship in a Changing Academy public lecture

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Dr. Rice is senior scholar at the Association of American Colleges and Universities and most recently was Director of the Faculty Roles & Rewards Forum at the American Association for Higher Education. Before moving to AAHE, Dr. Rice was Vice President and Dean of the Faculty at Antioch College, where he held a tenured appointment as Professor of Sociology and Religion. Prior to his work at Antioch, Dr. Rice was Senior Fellow at the Carnegie Foundation engaged in the national study of the American professoriate with Ernest Boyer and Religion. Prior to his work at Antioch, Dr. Rice was Senior Fellow at the Carnegie Foundation, where he held a tenured appointment as Professor of Sociology and Religion. Prior to his work at Antioch, Dr. Rice was Senior Fellow at the Carnegie Foundation, where he held a tenured appointment as Professor of Sociology and Religion.
Budapest. Times off duty whiling away his time with still going to university, and spent other Moholy-Nagy spent part of that time army in 1915 and remained on active later became some of Hungary's most Alfréd Kemény and Iván Hevesy, who gravitated towards art students, such as was law, but he already had an interest Nagy's first career choice when he was hired by Bauhaus director Walter "Gropius," Botar said. Born in southern Hungary, Moholy-Nagy's first career choice when he enrolled at Budapest University in 1913 was law, but he already had an interest in art and while he was in university he gravitated towards art students, such as Álfred Kemény and Iván Hevesy, who later became some of Hungary’s most important art critics and theorists. Moholy-Nagy was drafted into the army in 1915 and remained on active duty in the First World War on the eastern front off and on until 1918. Due to injuries sustained while at the front, Moholy-Nagy spent a good part of that time still going to university, and spent other times off duty whiling away his time with members of the coffee house scene in Budapest. "To alleviate the boredom of the military he sent out hundreds of postcard sketches of his experiences during the war to Hevesy. He sketched everything," Botar said. After the war, Moholy-Nagy enrolled in a private art school in Budapest for the first and only time in his life and studied art for a few months. An important experience in his life directly after the war, was the Chrysanthemum Revolution, which deposed the Austro-Hungarian monarchy, and created the Hungarian Soviet Republic, which for a mere 135 days saw the world’s second communist government installed in Hungary. "There’s no indication that Moholy-Nagy was a Communist Party member, but he was sympathetic to their cause, and indeed felt himself to be a communist," Botar said. "And it was an exciting time to be a young artist in Hungary with such radical changes underway." He became involved with the Hungarian artistic and literary avant-garde, the "Activists," centered around the poet Lajos Kassák, and produced strong, Expressionist-inspired portraits and views of the industrial suburbs. Two of the most important of these landscapes are being shown in this exhibition for the first time, courtesy of the artist’s daughter Hattula Moholy-Nagy, who has supported both the exhibition and book project whole-heartedly. By August 1919 the communist government had collapsed and many of Hungary’s young intellectuals were on the move. Moholy-Nagy joined the emigration, moving to Vienna and then on to Berlin where he met his first wife Lucia Schule (later Moholy), and became involved with the German Youth Movement and the related movement for "life reform." In fact, in Berlin Moholy-Nagy became involved with a number of people and groups that would round out his youthful influences. He became involved in the movement for education reform – a movement that inspired him to adopt his signature statement that "everyone is talented." Throughout the period, Moholy-Nagy's artistic style shifted from Expressionist to Dadaist, to the signature International Constructivist style that he would launch at an exhibition at the Galerie der Sturm in 1922, with his compatriot László Péri. "It was in 1922 that everything came together for him," Botar said. "The work he showed at the Der Sturm exhibition was very different from the German avant-garde work that was popular at the time: it was abstract, but lacked the sublime content of the German work – it was deadpan and materially focused. People were looking at it and asking, ‘where did this style come from?’ As it turned out, Russian Constructivism was his source, a style and aesthetic that came to Moholy-Nagy through his Activist friends in the émigré Hungarian art world. That same summer of 1922, Moholy-Nagy wrote several of the manifestos about education, photography and new media that would guide him throughout most of his career. Technical Detours pulls twin duties as a monograph on Moholy-Nagy and as a catalogue for the art exhibition. The exhibition, which consists of some 216 works, opened March 1 at The Gallery of The Graduate Centre, The City University of New York and runs until April 22. It will be presented Sept. 1 to Oct. 31 at the Jane Voorhees Zimmerli Art Museum, Rutgers, The State University of New Jersey. The City University of New York also published the book in conjunction with The Salgo Trust for Education. The Winnipeg connection to this exhibition is strong, as Winnipegger Elizabeth Hobart of Zab Design & Typography designed the book, which was edited by Winnipegger Sandra Rumian, and printed in Winnipeg by Kromar.
Cooper lends her expertise to the Faculty of Music

BY DALE BARBOUR

The Bulletin

Some career moves you plot and some just take you by surprise. For Juliette (Archie) Cooper her current position as interim dean of the Faculty of Music is definitely the latter.

“When Cooper finished her term as director of the School of Medical Rehabilitation in 2004, retired from the university in 2005 and was named professor emeritus, she had a pretty clear vision of what was ahead of her. I envisioned settling into the life of a senior scholar, working with graduate students and doing some teaching,” Cooper said. She was also chair of the advisory board of the Institute of Musculoskeletal Health and Arthritis of the Canadian Institutes of Health Research, so it seemed like there should be plenty to keep her busy.

“I thought I would be happy doing that. But at one point before I retired I had a moment of weakness and I told vice-president (academic) Robert Kerr that if there was anything I could do for the university in the future, I would be happy to do it.”

When Dale Lonis stepped down as dean of the Faculty of Music last fall, the university needed someone with experience to step into the position until a permanent dean could be found. Kerr asked Cooper if she would be that person.

“When he approached me I said, ‘That’s the wildest idea in the world. What do I know about music? I enjoy listening to it, but I’m just a consumer.’” Cooper said.

But of course, for as much as Cooper has a medical and research background rather than a musical background, she is also the perfect fit.

“The reality is that the job is ultimately about academic administration,” Cooper said. And the university went through the proper routes, sounding out the associate dean at the Faculty of Music on the idea and then assembling the staff and students of the faculty to announce and discuss the appointment.

“I was welcomed very warmly. The people have been terrific. The students in this faculty are outstanding,” Cooper said.

Of course, the atmosphere is different from that of her last position – rather than medical rehabilitation students working with therapists and clients at the Bannatyne Campus, she’s surrounded by music students refining their art.

“Around 4 p.m. most afternoons I can hear a jazz class practicing just above my office,” Cooper said. “It’s a wonderful atmosphere.”

Cooper’s term runs until June next year, and during that time the search will be ongoing for a new dean. But in the interim, she and the Faculty of Music can’t afford to stand still.

“We’re preparing a letter of intent to the Council on Post Secondary Education for a jazz program,” Cooper said. Under Lonis’s tenure and with the addition of teachers such as Steve Kirby, jazz instruction at the Faculty of Music has exploded. A jazz program would formalize the entire effort into a full academic offering within the faculty.

Cooper said they are also expanding the faculty’s involvement in new media; there are now three professors who compose music entirely using computers. In other aspects the faculty will continue what it has been doing for a long time – building links with the community through organizations such as Manitoba Opera, Winnipeg Symphony Orchestra and the Royal Winnipeg Ballet, in an effort to enrich the learning and performing opportunities available for students and also to show what the university has to offer.

The Peanut Butter Jam on Tuesday, March 7 in University Centre. Volunteer sandwich makers came out in droves to build the sandwiches which are distributed through Winnipeg Harvest to soup kitchens and boys' and girls' clubs in Winnipeg. To date, the Peanut Butter Jam has built more than 14,000 sandwiches. The University of Manitoba Chaplains’ Association held its ninth annual Peanut Butter Jam on Tuesday, March 7 in University Centre. Volunteer sandwich makers came out in droves to build the sandwiches which are distributed through Winnipeg Harvest to soup kitchens and boys' and girls' clubs in Winnipeg. To date, the Peanut Butter Jam has built more than 14,000 sandwiches.
Modern Raiders stop at Thorlakson Gallery

Modern Raiders is the second exhibition under the Visions series to open at the Dr. Paul H.T. Thorlakson Gallery in the Iceland Reading Room, Elizabeth Dafoe Library. The Visions series was set up last year to allow a collective of artists from Iceland to bring the works of the best and brightest of that island nation to Manitoba. Æmundur Æmundsson opened the first show last fall.

Modern Raiders takes it theme from the history of Iceland and from the life stories of the featured artist.

In ancient times, Icelanders went on raids (fara í viking) to pillage and steal from other nations. Their journeys lasted months or years and when the heroes returned triumphant they brought back plunder from foreign countries, either for decoration or everyday use. The most important treasures were the knowledge and learning that the Vikings obtained on their journeys which they made creative use of at home. In visual arts it has long been customarily used to signal whether they want to conquer new worlds or defend their homeland with new information, technology or ideas.

The Modern Raiders exhibit includes the work of two such “Vikings.” Jón Óskar and Helga Dóttir symbol of how the world is constantly shrinking and creating more opportunities for cultural conflict. For further information call 476 6345 or e-mail sigrid_johnson@umanitoba.ca.

### University of Manitoba

**Events Listing**

**Fort Garry Campus**

**THURSDAY, MARCH 23**
Law Distinguished Visitor Lecture with Mohamed Olan, dean and professor of Law, Yarmouk University, Jordan, Most Court Room, Robson Hall, 12 p.m., Thursday, March 23.

Centre on Aging Research Colloquium, The Evolution of the Aging Discourse: From Apocalyptic Demography to the Deconstruction of Old Age by Herbert Northcott, professor, social structure, philosophy department, sociology, Faculty of Arts, University of Alberta, 108 St. John’s College, 11:30 a.m., Thursday, March 23. A light lunch will follow the colloquium. If you would like to attend the lunch please call the Centre on Aging at 474 8754 by Monday, March 20.

Computer Science, Combinatorics of Go by John Tromp, CWI, and E2-461 Engineering and Information Technology Centre, 1 p.m., Thursday, March 23.

Canada’s mission in Afghanistan with David Sproule, Canadian ambassador to Afghanistan, William Baker, director general, Afghanistan, India, Nepal, Sri Lanka Division, Asia Branch, Canadian International Development Agency and Lieutenant-Colonel John Wates, J4 Ops, Canadian Expeditionary Force Command, NDHQ, formerly commanding officer of the PRF activation team in Kandahar. 237 University College, 2:30 p.m., Thursday, March 23.

New Faculty and University of Manitoba Institute for the Humanities Research Affiliates Colloquium Series, Dematerializing the Imagination: Artistic Practices Contesting the Violence of War by Roean Crowe, independent scholar/artist/UMIH research affiliate, 409 Tier Building, 2:45 p.m., Thursday, March 23. (Note: this talk was originally scheduled for Feb. 28).

**FRIDAY, MARCH 24**

**Physics and Astronomy**, Spin correlation measurements of strongly interacting massive fermion pairs as a test of hidden variables by Hideyuki Sakai, University of Tokyo, 530 Allen Building, 3:30 p.m., Thursday, March 23.

**Microbiology**, Recent developments with TB: A look at cost effective means for early detection by William Summers, 527 Buller Building, 3:30 p.m., Thursday, March 23.

**Fine Arts Visiting Artists Lecture with Lynn S. Collins**, Installation and installation in scale sculpture artist, 207 FitzGerald Building, 7 p.m., Thursday, March 23.


Elizabeth Dafoe Library Graduate Student Lecture Series 2005-06, Developing Critical Thinking Skills of Students in a First Year Course by Louis Svenningson, education, Iceland Board Room, Third floor. Elizabeth Dafoe Library, 12:30 p.m., Friday, March 24.

**The Interdisciplinary Research Circle on Globalization and Cosmopolitanism and The Global Political Economy Program, Thinking Through Imperialism: Imperialism and Trans-Atlantic Relations by Irwin Wall, professor emeritus, University of California and Research Fellow, New York University, 409 Tier Building, 1:30 p.m., Friday, March 24. The lecture will be followed by a roundtable discussion with Renée Eigenbrod, Native studies, Svenningson, education, Iceland Board Room, Third floor. Elizabeth Dafoe Library, 12:30 p.m., Friday, March 24.

**Mathematics, The Reconstruction Conjecture by Rob Bargarson, graduate student, 415 MacNair Hall, 2:30 p.m., Friday, March 24.**

**Chemistry, From Pyrroles to Isoindolines: the Challenge of Synthesizing 1,4-Diimine Complexes of Late Transition Metals by Stephen Folle, department of chemistry, University of Saskatchewan, 540 Parker Building, 2:30 p.m., Friday, March 24.**

**Economics**, The Volatility of Resource Inflows and Economic Growth in CEMAC Countries by Sunday Kahn, North-South Institute, 530 Tier Building, 2:40 p.m., Friday, March 24.

**Clayton H. Riddell Faculty of Environment, Earth, and Resources**, Biomarker or bioindicator? A question of connecting the dots by Mark Hanson, University of Manitoba, 221 Wallace Building, 2:50 p.m., Friday, March 24.

**Psychology**, Orienting in response to social and symbolic directional cues by Chris Friesen, department of psychology, Center for Visual Neuroscience North Dakota State University, 4612 Duff Robin Building, 3 p.m., Friday, March 24.

**Physics and Astronomy**, Colossal Magneto Caloric Effect in Transition Metal Compounds by Graham Williams, physics and astronomy, University of Manitoba, 530 Allen Building, 3:30 p.m., Friday, March 24.

**Monday, March 27**

**Animals and Us: Rights, Responsibilities, Relationships, Hunters, Herders and Hamburger, by Richard Bulliet, history, Columbia University, Convocation Lounge, University College, 12:30 p.m., Monday, March 27.**


**Tuesday, March 28**

**Institute for the Humanities New Faculty and UMHI Research Affiliates Colloquium Series, Teaching English in a Global Context: Language as Social Currency with Sandra Kouritzin, education, Gary Dwyck, director, English Language Centre, and Chunhong Zhang, English, UMHI affiliate, 409 Tier Building, 2:45 p.m., Tuesday, March 28.**

**Postcolonial South Asia & Africa Studies Group, Language, identity and political conflict: the case of Kashmiri with Ananya Jahanara Kabir, Postcolonial Studies, School of English, University of Leeds, 409 Tier Building, 5 p.m., Tuesday, March 28.**


**Wednesday, March 29**

**Political Studies Forum, Voter Turnout in the Manitoba Context, 307 Tier Building, 1 p.m., Wednesday, March 29.**

Continued on Page 10
Bannatyne Campus
AND ST. BONIFACE RESEARCH CENTRE

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

THURSDAY, MARCH 23

Clinical Health Psychology, Temporal Processing Deficits in Extremely Premature Children by Lorna Jakobson, psychology, Theatre C Basic Medical Sciences Building, 3 p.m., Thursday, March 23.

FRIDAY, MARCH 24

Medical Microbiology PhD Oral Examination, Development and Application of Reverse Genetic Systems for Rsten echovirus by Alison Grosson, Theatre C Basic Medical Sciences Building, 10 a.m., Friday, March 24.

MONDAY, MARCH 27

National Training Program in Allergy and Asthma Research, Epigenetic Regulation of Allergic Response in Human by Ruoy Su, post doctoral fellow, NTP Trainee, and Molecular pathways of glucocorticoid-mediated survival of human neutrophil by Arash Shoja Saffar, MSc student, NTP Trainee, Immunology Library 604/605 Basic Medical Sciences Building, 3:30 p.m., Monday, March 27.

TUESDAY, MARCH 28

Internal Medicine, The Urinary Catheter and Urinary Infection by Thomas, Hooton, Professor of Medicine, University of Washington, Theatre A Basic Medical Sciences Building, linked to NG002 St. Boniface Hospital, 8 a.m., Tuesday, March 28.

WEDNESDAY, MARCH 29

Biochemistry and Medical Genetics, Single molecule enzymology by Elbert Nichols, and Merox regulation of vascular cell proliferation and death by Joosette Douville, Theatre A Mezzanine Basic Medical Sciences Building, 12:15 p.m., Wednesday, March 29.

Pathology, Molecular and Chemical Characterization of Blood Cells by Infrared Spectroscopy: a New Optic Tool in Hematology by Ken-Zhi Liu, research officer, Molecular Spectroscopy, NRC, 500 John Buhrler Research Centre, 1 p.m., Wednesday, March 29.

THURSDAY, MARCH 30

Immunology Annual Graduate Student Research Presentations, Macusal Antibody Variable Gene Usage in HIV-1 Exposed Seronegative Individuals by Kevin Hay, and Characterization of novel cytokine HMGB1 in rheumatoid arthritis - potential therapeutic target by Kristen Creek, Immunology Library 604/605 Basic Medical Sciences Building, 12 p.m., Thursday, March 30.

FRIDAY, MARCH 31

Community Health Sciences, Using Linked Survey and Health Administrative Data to Investigate Factors Associated with the Risk of Dementia by Shahin Shooshari, assistant professor, Community Health Sciences, research associate, Centre on Aging, URMC Woods Building, Berry Havens Seminar Room R060 Medical Rehabilitation Building, 7:45 McDermot Ave., 12 p.m., Friday, March 31.

TUESDAY, APRIL 4

Internal Medicine, Dr. John P. Maclean Memorial Lecture, Phenomics: the phenotype in the context of molecular diagnosis: We are living in the post-genomic world. How will this impact the human genome map and human genetics have on Internal Medicine? by Robert A. Hegele, professor of medicine and biochemistry, University of Western Ontario, Jacob J. Welle Distinguished Research Chair in Functional Genomics, Edith Schulpin Vinet Canada Research Chair (Tier 1) in Human Genetics, Theatre A Basic Medical Sciences Building, linked to NG002 St. Boniface General Hospital, 8 a.m., Tuesday, April 4.

THURSDAY, APRIL 6

Brain Awareness Week, Strategies for delaying cognitive decline with age by Alzheimer’s Disease and Research Unit (ADRU) director, University California Institute of Brain Aging and Dementia Professor, Univ California, Irvine, departments of neurobiology and behavior, school of biological sciences and neurology in the College of Medicine, Samuel Cohen Auditorium, St. Boniface Research Centre, 7 p.m., Thursday, April 6.

FRIDAY, APRIL 7

Brain Awareness Week, Mechanisms underlying early neuronal dysfunction during brain aging. Amyloid and proinflammatory cytokines: the importance of the genetic signal transduction by Carl W. Cotman, director, University California Institute of Brain Aging and Dementia Professor, Univ California, Irvine, departments of neurobiology and behavior, school of biological sciences and neurology in the College of Medicine, Theatre C, Second Floor, Basic Medical Sciences Building, 12 p.m., Friday, April 7.

Community Health Sciences Clare Brant Memorial Lecture in Aboriginal Health, Assembly of First Nations: Overview of The First Nations Framework in The Blueprint on Aboriginal Health by Valerie Gideon, senior director, health & social secretariat, Assembly of First Nations, Theatre A Basic Medical Sciences Building, 12 p.m., Friday, April 7.

Medical Genetics Academic Session, Neurologic Presentation of Metabolic Disease by Martya Kuenzen, CH 181/183 Childrens Hospital, 8:40 Sherbrook Ave., 3:15 p.m., Friday, April 7.

Friday, March 24, or pre-register by completing an entry form and submitting it along with the entry fee to the General Office, 203 University College, prior to March 26. The tournament will be limited to 40 entrants. For further details see www.umanoitoba.ca/colleges/uc/chess.

March 23, 2006

The Bulletin publishes events involving the university community.

E-mail events to barbourd@ms.umanitoba.ca or fax, 474 7651.

The deadline for the April 6 Bulletin is March 29 at 4:30 p.m.

University College open chess tournament

The Sixth Annual University College Open Chess Tournament will take place on Sunday, March 26, from 10 a.m. to 6 p.m. in the Concourse Lounge, University College.

The entry fee is $5. Participants may register on site between 9 a.m. and 10 a.m. on March 26, or pre-register by completing an entry form and submitting it along with the entry fee to the General Office, 203 University College, prior to March 26. The tournament will be limited to 40 entrants. For further details see www.umanitoba.ca/colleges/uc/chess.

Arts & Entertainment

Faculty of Music

The Faculty of Music hosts recitals and performances at Evie Clare Hall, located within the Faculty of Music building on Dafoe Road. Recitals and events are free unless otherwise noted.

Eureka Musical

Wednesday, April 5, 7 p.m.

135 Innovation Drive

Smartpark INTERACTIVE in collaboration with the Faculty of Music is pleased to present Eureka Musical, an eclectic concert (jazz, opera, chamber music and musical theatre) showcasing the innovative talents of the University’s Faculty of Music students. The show take place in the lobby of 135 Innovation Drive, Smartpark. E-mail wiche\@cc.umanitoba.ca or call 480 1454 to RSVP. Seating is limited. Event and parking are free.

Bison Men’s Chorus

Spring Concert

Friday, April 28, 7:30 p.m.

First Presbyterian Church

This year marks the 21st Anniversary for the Bison Men’s Chorus at the University of Manitoba. In celebration of this event, the chorus, directed by Steve Denby, will present its Annual Spring Concert on Friday April 28 at First Presbyterian Church, corner of Canora Street and Piedeay Place (next to Vanny Ridge Park). The feature selections will be from the chorus, the concert will feature two groups from within the Chorus, The Gallery Minstrels and The Triad Singers. Tickets are $10 for adults and $5 for students. Children 12 and under are free. They can be obtained from any member of the Chorus or at the door on the evening of the performance. There will be a reception after the concert in the church hall. Additional information about this concert can be obtained from Steve Denby, director of the chorus (889 4950) or Bob Stewart, director of the chorus (453-5440).

Music Events

University of Manitoba Wind Ensemble and Concert Band, Jubilee Place, Mennonite Brethren Collegiate Institute, 8 p.m., Friday, March 31. Tickets $10 and $5 at the door.

School of Art

Open House

Sunday, April 9, 12 p.m. to 4 p.m.

The School of Art will open the doors to its facilities across the Fort Garry campus, including the FitzGerald building, Art Barn and the Ceramics/Sculpure Building and showcase student work.

Dr. Paul H.T. Thorlakson Gallery

The Iceland Reading Room, Elizabeth Dafle Library, University of Manitoba Gallery hours: Mon. - Fri. 9 a.m. - 5 p.m. (Weekend openings being arranged.)

Modern Raiders – Víkingar Núttum

March 19 to April 15

The Modern Raiders exhibit includes the work of Jón Óskar and Hekla Dögg Jónsdóttir. There is a cultural ambiguity in the works of the artists, both from Iceland, that is symbolic of how the world is constantly shrinking and creating more opportunities for cultural conflict. For further information please call #474 6345 or e-mail sigrid_johnson@umanitoba.ca.

Conference focuses on scholarship of teaching and learning

A two-day multidisciplinary conference on the scholarship of teaching and learning will examine the role of instruction in the academic development of college students, the psychometric integrity of measures of teaching effectiveness (e.g., student ratings), and their use for personnel decisions involving tenure, promotion, and salary increments. Pre-eminent scholars from Australia, Canada, Europe, the Middle East, and the USA will explore the scientific evidence and consider the practical utility of the research for faculty instructors, department heads, deans, directors, and policymakers.

The conference takes place at the University of Manitoba April 4 to 5, and comprises invited addresses, interactive sessions, and poster sessions.

The conference focuses on the nexus between knowledge production by researchers and knowledge utility for end-users in postsecondary education. It will appeal to researchers interested in teaching and learning, faculty members developing evidence-based pedagogical practices, academic administrators and policymakers responsible for instituting teaching and learning protocols, and faculty development officers promoting effective teaching practices. The conference brings researchers together at one site and makes their knowledge readily accessible.

For more information please visit the official website at www.umanitoba.ca/faculties/arts-psychology/teaching_learning_conference/
Deniset is Gregg Award winner

Bison Sports

Off the ice, Deniset displays equal skill in academics where he is a two-time CIS Academic All-Canadian and was honoured as one of the nation’s Top 8 Academic All-Canadians in 2004-05. Deniset’s community work includes assisting at Bison hockey schools and minor hockey coaching clinics, promoting the importance of reading at inner city schools and serving hot meals to Winnipeg’s less fortunate, as he did at the Saloon Mission during the winter holidays. He is the third Bison, following Ryan Campbell (1992-93) and Marc Gaudet (2000-01), to capture the Dr. Randy Gregg Award.

Monday, April 3

The Monday Distinguished Visiting Lecture, From Athens and Berlin to Chicago. Faculty Scholarship in a Changing University.

The Knight Distinguished Visiting Lecture, From Athens and Berlin to Chicago. Faculty Scholarship in a Changing University.

Friday, April 7

Family Social Sciences, Gender and Partnership Violence in the World Perspective: Results from the International Dating Violence Survey by Murray Strauss, Professor of Sociology and co-director of the interdisciplinary Family Research Laboratory, University of New Hampshire, 200 Human Ecology Building, 1:30 p.m., Friday, April 7.

Chemistry, Interactomics: Identification of novel protein-protein interactions by MALDI-MS by Vince C. Chen, chemistry, 540 Parker Building, 2:30 p.m., Friday, April 7.


Sunday, April 9

Clifford, Thinking Out Loud, Book Discussion, University of Manitoba, R3M 5W6, e-mail searchbim@umanitoba.ca.

FACULTY OF ARTS

Department of German and Slavic Studies

Position: Department head

Start date: July 1

Salary: Commensurate with qualifications and experience

Application deadline: (position #GR939)

For information: Dr. Karen Grant, vice-provost (academic affairs), University of Manitoba, 401 Medical Sciences Building, 7, 5 p.m. to 8 p.m., Saturday, April 8.

RUMMAGE SALE, St. Mary’s Anglican Church, Charleswood, 3830 Roblin Blvd. at Haney, Friday, April 7, 5 p.m. to 8 p.m., Saturday, April 8, 9 a.m. to 5 p.m., White Elephant Tables! Fish Pond for Kids! Book Table! Bargains Galore! And much much more!!! See you there!
Conference looks at university teaching and research

By Frank Nolan, Research Promotion Officer

For most of the last century, university faculty members have been seen as having two distinct roles: teaching and research. They were hired to teach undergraduate and graduate students, and they were also expected to conduct original research in their fields of expertise.

Over the years, teaching sometimes took a back seat as research became very highly valued by institutions and played a major part in a faculty member’s career development, including tenure decisions and promotion. Today, research is what distinguishes universities from other postsecondary institutions such as liberal arts colleges, community colleges, and technical colleges.

In recent years, however, as national competitiveness has become more dependent on knowledge and knowledge industries, a new model of faculty work has emerged that recognizes the importance of teaching and the diverse and complex roles that university professors must play in the 21st century.

This new model is the focus of a major conference being held at the University of Manitoba on April 4th and 5th. The Scholarship of Teaching and Learning in Higher Education conference includes presentations by internationally-recognized scholars from Canada, the United States, Israel, Germany and the U.K.

“This conference is really exploring the idea of knowledge, both in terms of knowledge production by researchers and knowledge dissemination in universities,” said conference coordinator Ray Perry, who is also the director of the Centre for Higher Education Research and Development.

“Knowledge industries in most countries reside within universities, and to be competitive internationally, more attention has to be given to higher education. If the product of higher education is knowledge, and a nation’s competitiveness depends on knowledge, then university faculty members are the most vital resources in that industry.”

The movement away from viewing faculty roles as a dichotomy between teaching and research, began, Perry said, with a report commissioned in 1985 by the Carnegie Foundation. Scholarship Reconsidered, written by Ernest Boyer and Eugene Rice, has become a revolutionary platform that is changing the way we look at higher education.

Eugene Rice, now senior scholar at the Association of American Colleges and Universities, will start the conference with a public lecture on April 3 titled, From Athens to Berlin to L.A.: Faculty Scholarship in a Changing Academy. His presentation, part of the Knight Distinguished Lecturer program, begins at 8 pm in room 343 Drake Centre.

“Boyer and Rice threw out the distinction between teaching and research, and put forward a new model based on the notion of scholarship,” Perry said. “They divided scholarship into four categories: the scholarship of discovery, the scholarship of integration, the scholarship of application, and the scholarship of teaching and learning.”

In this model, the first three categories incorporate what was traditionally seen as research. The scholarship of discovery is analogous to basic research, while the scholarship of application is what was previously called applied research. The third category, the scholarship of teaching and learning, includes activities like literature reviews.

“In the past, some researchers wouldn’t dare disparage any kind of review of the literature, because it was a secondary analysis, and you weren’t in your wet laboratory,” Perry said. “In this framework, it gets a more substantive valuing, making this kind of activity just as important as other forms of research.”

The fourth category, the scholarship of teaching and learning, elevates the teaching role of university faculty members to the same level as research activities. Under this model, teaching excellence would be valued and rewarded as much as research excellence, something, Perry said, that doesn’t always happen today.

“We can’t continue to think about university teaching as simply going into a classroom, opening up the same old lecture notes, and delivering a monologue to 100 students,” he said.

“You have to constantly ask questions about learning and motivation, and it requires a much more sophisticated, committed pursuit of that component of scholarship. The problem, of course, is that it demands more time and energy, so unless the institution is willing to recognize all four domains as unique ways in which a person can excel, it won’t be embraced totally.”

For more information about the Scholarship of Teaching and Learning in Higher Education conference, please visit the conference Web site at: wwwumanitoba.ca/faculties/arts/psychology/teaching_learning_conference

Researcher recognized by oncology association

By Frank Nolan, Research Promotion Officer

University of Manitoba nursing professor Lesley Degner has been named as the Oncology Nursing Society’s 2006 Distinguished Researcher in recognition of her outstanding contributions to the science and practice of oncology nursing.

“The recognition of my research contributions by my American colleagues means a deal to me,” Degner said. “I hope that the profile afforded by this award will stimulate clinicians and researchers to further consider the roles that people with cancer want to assume in making decisions about various aspects of their care and treatment.”

“Being named as the Oncology Nursing Society’s 2006 Distinguished Researcher is a great honour for Dr. Degner, and a very well-deserved one,” said Joanne Keselman, vice-president (research) at the University of Manitoba.

“She has dedicated her career to advancing the field of oncology nursing, and we are delighted that such an outstanding researcher and educator is a member of our university community.”

Degner is an internationally recognized scholar and a leading researcher in the area of patient involvement in medical decision making. She was instrumental in establishing the Cancer Nursing Research Group at the St. Boniface General Hospital Research Centre, and she initiated the development of a joint PhD program in cancer control that brings together the Faculties of Nursing and Medicine to provide doctoral training in oncology nursing. During her career at the University of Manitoba, Degner has supervised more than 50 graduate and post graduate students.

In addition to this most recent honour, Degner’s research and scholarly achievements have earned her numerous awards, including: The Rockefeller Foundation Scholar-in-Residence Award in Bellagio, Italy; The Canadian Association of Nurses in Oncology Award for Excellence in Research; a Canadian Health Services Research Foundation/Canadian Institutes of Health Research Chair in Nursing Research; and the 2005 Dr. John M. Bowman Memorial Winnipeg Rh Institute Foundation Award.

Degner received her bachelor of nursing degree from the University of Manitoba in 1969. She completed her master’s degree at the University of Washington in 1972, and received her doctoral degree from the University of Michigan in 1983. She joined the University of Manitoba as a faculty member in 1973.

Headquartered in Pittsburgh, Pennsylvania, the Oncology Nursing Society (ONS) is the largest professional oncology association in the world. It includes more than 33,000 oncology nurses and other healthcare professionals dedicated to excellence in patient care, education, research and administration in oncology nursing.
BY DALE BARBOUR
The Bulletin

By taking the next step on Earth this year, University of Manitoba engineering graduate Lealem Mulugeta has moved a little closer to walking on Mars.

Mulugeta was one of eight people to crew the Mars Desert Research Station this year. Despite the name, the research station isn’t on Mars – we haven’t landed people there just yet – rather, it is tucked away in the badlands of Utah, which is about as Martian-like territory as you’re going to find on Earth. The research station is intended to replicate exactly how a real station on Mars would operate. It is run by the Mars Society, a group incorporated at the University of Colorado in 1998 with the explicit purpose of promoting travel to Mars.

“They’re basically proving it’s doable,” Mulugeta said. The logistical challenge of getting to Mars is still huge, but the work the Mars Society is doing shows that once people land on Mars they’ll be able to hit the ground running.

Mulugeta graduated from the University of Manitoba last spring and is currently working with Magellan Bristol Aerospace as a design engineer with the space systems engineering group, helping design and build Canada’s multi-mission small satellite platform. He’s planning to pursue graduate studies in either space exploration or space systems engineering. And ultimately, he would like to be an astronaut.

“The Expedition Beta crew, as they were called, were recruited from across Canada by the Canadian Chapter of the Mars Society. There were an eclectic bunch. Mulugeta, as one example, was born in Addis Ababa, Ethiopia but has lived in Winnipeg half of his life. Apart from his engineering studies, he was a competitive gymnast up until last spring and still keeps active in the sport.

The research station is intended to mimic a true Mars station, which means utilizing floor space as efficiently as possible. People live in a greenhouse to supply food, a recycling system to deal with water and wastes and research areas to conduct experiments in. Crew members have their own rooms, but the rooms only have enough room for a bed.

“If you’re claustrophobic it’s not the place for you because there’s always somebody in your face,” Mulugeta said.

But of course, that’s part of the project, to see how people handle being in a confined area for a prolonged period of time. People could go outside, but just as it would work on the Martian landscape they had to suit up in a full environmental suit first.

Mulugeta’s primary job during the mission was to act as the field engineer, fixing anything that broke down during the course of the mission. He also participated in the other experiments that were being conducted – such as growing microbes that are capable of surviving in extremely salty environments. Mulugeta said such research would be important on real Mars missions because there is a possibility for such microbes to survive for millions of years in salt deposits. And since salt deposits have been found on Mars, then it is quite possible that these microbes can also be found in these salt deposits.

“For anyone aiming towards being an astronaut it looks great on a resume,” Mulugeta said of the Expedition Beta experience. “And it gave me a lot more of an understanding of what is involved with and appreciation of what it will take to send a person there.”

The Mars Society is all about convincing people of the benefits of reaching Mars. But they didn’t have to convince Mulugeta, he was a believer before he ever signed on.

“To him the benefit of going to Mars is as much about learning how to get there as it is about the trip itself.”

“When you look at what we’ve achieved the most, it’s always been when we’ve gone out and explored what we didn’t know anything about. Technology and science always develop when we’re pursuing things beyond our reach.”

Along as just one example, the space race of the last century helped spin off satellites that can track weather patterns and allowing scientists to issue warnings about when and where severe weather is about to strike.

“Space is our biggest challenge and I think the advancements that come from moving into space will be a benefit to mankind.”

New awards recognize support staff contributions

BY DALE BARBOUR
The Bulletin

The University of Manitoba is stepping up its efforts at recognizing the achievements of its support staff with a series of new awards of excellence.

Of course, there always have been awards for support staff, whether it be the university-wide 25-year service award ceremony or annual outreach awards for community contributions or more informal ceremonies at the faculty level.

But learning and development services director Rosalyn Howard said through consultations with university members and by looking at other universities, it was clear that the university has great potential to be doing more.

“We’re trying to ensure that people’s contributions are valued on a day to day basis. We’re trying to build a culture of recognition,” Howard said.

“It’s all part of the university’s effort to attract and retain the best. We want people to know this is a fabulous place to work and we want to show employees that we recognize that they put their hearts and souls into their work each and every day and that they are appreciated.”

To that end the university has created four new awards targeted at support staff: The President’s Award of Excellence will be the premier award. It will recognize outstanding contributions to the University of Manitoba mission and goals during a career at the University of Manitoba (over a period of at least five years). The President’s Award will be handed out at convolution and will include a financial award.

The Leadership Award will be given to someone who has led effective teams to achieve results and who has inspired collaboration and creativity in team members. The person must have been with the university for at least two years.

The Service Award will recognize a high level of initiative, dedication, and cooperation in service to students, faculty, staff, and the general public.

The Team Excellence Award is to go to a team that has provided outstanding service for the benefit of students, U of M departments, or the general public. The teams should include between three and 20 people and at least half the team members should be support staff.

There will be a nomination process for all four of the new awards and Howard said they first President’s Award will be handed out this spring. For information on the awards and how to nominate a co-worker, go to the learning and development services website at umanitoba.ca/learrning_development.

Along with the series of new awards the university will also be revamping its service awards. Traditionally, employees have been recognized when they achieve 25 years of service. The new awards will go further to include recognition at 1, 5, 10, 15, 20, 30, 35, and 40 years of service. The form of recognition and type of presentation will vary according to the anniversary year.