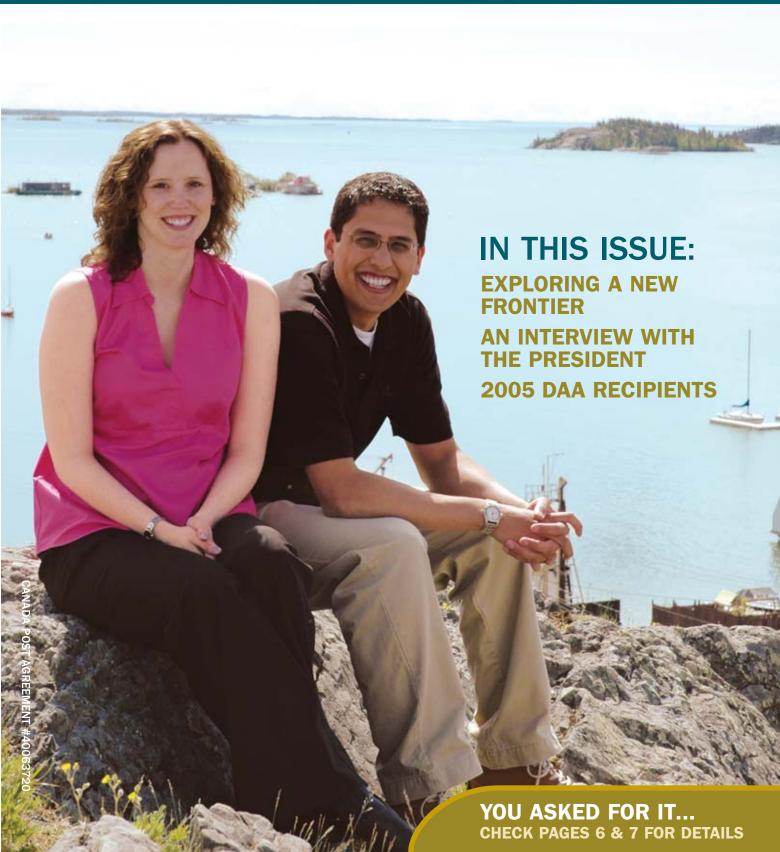
OnManitoba

CONNECTING ALUMNI AND FRIENDS OF THE UNIVERSITY OF MANITOBA

AUGUST 2005





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Contents

18 EXPLORING A NEW FRONTIER

Whether it be pursuing opportunity or conducting research, University of Manitoba alumni can't resist the call of the North. These are some of their stories.

22 REACHING INTO THE NORTH

The University of Manitoba has been increasing its presence in the North by educating students on-site and via distance education, by partnering with other post-secondary institutions and by providing hands-on health care. Find out more.

16 AN INTERVIEW WITH THE PRESIDENT

University of Manitoba President and Vice-Chancellor Emőke Szathmáry shares her thoughts on post-secondary education and why alumni are important ambassadors.

26 THE CALL OF THE NORTH

Two researchers who have traveled to across the North discuss issues facing the residents as well as make predictions for the future.

IN EVERY ISSUE

- **3 FEEDBACK**
- **4 ALUMNI ASSOCIATION NEWS**
- **8 EVENTS**
- **10 UNIVERSITY NEWS**
- **21 OUR STORIES**
- 24 A CONVERSATION WITH...
- **28 GIVING BACK**
- **30 THROUGH THE YEARS**
- **36 THE LAST WORD**

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ON THE COVER:

Michelle (BSW/99, BA/00) and Adil Currimbhoy (BSc(Maj)/98, BComm(Hons)/00) at home in Yellowknife.





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EDITOR

Russ Medvedev, MA/95

ADVERTISING

Jo-Anne Thompson

DESIGN

Doowah Design Inc.

PHOTOGRAPHY

Dale Barbour
Greg Cameron
Paul Gossen, BA/97
Russ Medvedev, MA/95
Allen Patterson
Shawn Simpson
Bob Talbot
Jana Thorsteinson
Stephanie Yamniuk, MA/00

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ALUMNI ASSOCIATION INC. BOARD OF DIRECTORSBrian Bowman, *BA(Adv)/96, JD*

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CORRECTIONS

We apologize for the following errors in the April issue: we incorrectly noted that **Elaine Triggs**'s degree was (BHEc(Hons)/96) when it should have read (BHEc(Hons)/66); we referred to **Fang Wan** as Tang Wan; and we noted that **Norman Stanger** had a PhD and was a former dean of the Faculty of Agriculture and Food Sciences. His degree is a DVM and he is a former assistant animal pathologist with the provincial government. We regret any inconveniences these oversights may have caused.

The Alumni Association reserves the right to edit material as appropriate and may not necessarily share the views expressed by the writers. The Association makes all attempts to ensure the accuracy of information in this magazine but cannot be held responsible for any inadvertent misrepresentations.

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Feedback

Dear Editor,

Thank you so much for the article about my books in the December 2004 issue of *On Manitoba*. It has reunited me with many old friends from those days. Actually it was exactly 50 years before your photo was taken that I first moved into Clara Unwin's "Hotel", but that half century mattered not. Dozens of old residence buddies, male and female, have popped back into my life, as if we had just graduated yesterday. I have sent out many of my books in the past four months, and have spent hours chatting by phone with too-long-disconnected friends.



Attached is a photo of Marshall Gysi, Donna (Lewis) Perrin and Buck Perrin, taken by Marie-Claude my wife on May 5, 2005. Buck and Donna, residence pals of mine who married in the late fifties, had not been in touch with me since. Buck graduated in Architecture and Donna

in Home Economics in 1958. Buck emailed after reading your article, we yakked on the phone for an hour, and ended up spending 10 days in the Perrin home on 10 Mile Point in Victoria. It was a wonderful stay, filled with plenty of nostalgia about the U of M in the fifties. We also visited Don Ramsay and Dennis Cochrane, just north of Victoria. Don and Dennie were Architecture students and residence chums.

Please pass my thanks to all those responsible for preparing *On Manitoba*. It's a great magazine, helping all us U of M prairie chickens to keep connected with each other, and with our wonderful alma mater. With warmest wishes to the Alumni House family,

Marshall Gysi, BSc(CE)/58, MSc/65, PhD (Cornell) Picton, ON

Dear Editor,

My husband, retired professor John McIntyre, and I especially enjoyed this April edition of *On Manitoba*. The articles were very interesting and informative. Thank you and keep up the good work.

Bev McIntyre

Dear Editor,

This note is to request you conclude a long odyssey with two of your university's graduates. My mother, Coral Catherine Rubec (nee Coo) a Science graduate in about 1934 and her sister, my aunt, Lillian Charlotte Price (nee Coo) Arts '36, both died this past February 2005, on the 14th and 25th respectively. Coral was 91 and her sister 90. Thank you for enriching their years and for the continued connection through your alumni magazine, *On Manitoba*.

Both grew up in central Winnipeg on MacMillan Avenue, working for a while with

their father, Abbie Coo, who was Managing Editor of the *Winnipeg Free Press*, coach of several Canadian Olympic teams (Los Angeles 1932, Berlin 1936) and involved in amateur hockey nationwide in the early 1960s.

After leaving Winnipeg, Coral took a job with the Department of Finance while her sister became an officer in the Air Force and later the Department of Foreign Affairs. Lillian served in a variety of diplomatic posts including Moscow, London, Stockholm and Washington.

Coral was married for 58 years to Peter Rudec. Lillian met a wealthy yachtsman, Leslie Price, married and moved to South Africa in 1959.

Coral inspired her two sons to write and write well (they are both widely published in the scientific literature), to be interested in world events, and to be interested in the environment. Her elder son, Dr. Peter Rubec works for the State of Florida in St. Petersburg as a marine biologist while I am a senior scientist and policy advisor for the Canadian Wildlife Service of Environment Canada in Ottawa.

Coral's life included annual camping trips with her husband and sons into the wilds on Eastern Canada. They also made several pilgrimages to Winnipeg to visit the Coos.

Lillian visited Canada many times and long mused about moving home, but never did. She is remembered by her nephews as a kind and helpful soul with a strong interest in wildlife conservation. She inspired them both about geography, travel and government service.

Thank you for letting me share a few thoughts about the passing of two long-time Manitoba graduates.

Clayton Rubec, BSc (Queen's), MSc (McMaster) Ottawa, ON



AlumniAssociationNews

AGM2005







Executive Director Karen Gamey with alumna Lila Goodspeed

At the Annual General Meeting on June 28, the following new board members were welcomed: Bill Christie, DMD/64; Tanis Dick, BFA(Hons)/89, MAT/93; Anuj Maini, BA/03; Sheila Simonson, BA/04; Carrie VanLancker, BA/94 and Christina Whittaker, BN/83, MN/02. The new executive committee was also introduced with: Brian Macpherson, BSc/60, MSc/63, PhD, past-president; Bruce Miller, BRS/99, president; Rennie Zegalski, BComm(Hons)/95, vice-president; David Crawford, BA/95, ContEd/00, CMA, CCEP, treasurer; Tracy Bowman, BA(Hons)/96, MA, board representative and Karen Gamey, BHEc/78, secretary, ex-officio.

AGREEMENT RENEWAL



Earlier in 2005, the University of Manitoba and the Alumni Association Inc. renewed the historic agreement that was originally signed in 1999 and

renewed for the first time in 2002. Pictured are Alumni Association President Brian Macpherson and University President and Vice-Chancellor Emőke Szathmáry.

"We are delighted that our partnership with the university has strengthened over time," said Alumni Association Executive Director Karen Gamey. "I think our alumni take a keen interest in what is happening on campus and keep giving back to the university, not just with their financial support but with their time and expertise."

ATTENTION ALL ENGINEERS!







ALL Engineering Alumni are invited to a very special Dean's Reception at Homecoming 2005. Come celebrate with us as we officially open our new building on Friday, September 23rd!

For more information, or to RSVP, contact Janice at (204)474-9806 or janice tilly@umanitoba.ca

GARY AND JANICE FILMON RECOGNIZED WITH

2005 DISTINGUISHED ALUMNI AWARD



The Alumni Association recognized Janice and Gary Filmon, the recipients of the 2005 Distinguished Alumni Award, during a reception held following the Annual General Meeting on June 28.

The Filmons were honoured 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 include a broad scope of influence in all aspects of life. As individuals, each is recognized—Gary Filmon (BScCE/64, MSc/67) for his public service and contributions to the community and Janice Filmon (BScHEc/63) for her tireless efforts with community organizations and committees. As a couple, they exude a wonderful synergy and commitment to teamwork.

Gary is perhaps best known as having served as Premier of Manitoba from 1988 to 1999. His public service has also included terms as a Winnipeg City Councillor and as an MLA. Among his community activities, he has served as President of the Association of Canadian Career Colleges, Director of the Administrative Management Society, Director of the Winnipeg Jets Hockey Club and Director of the Red River Exhibition Board.

His achievements have been recognized by numerous organizations including: the Canadian Council of Professional Engineers Community Service Award, 1992; B'Nai B'rith Canada Award of Merit, 1991; Centre For Ukrainian Canadian Studies Tribute Dinner, 1997; The Jewish National Fund of Canada Negev Dinner Honoree, 1996 and the Ukrainian Canadian Congress, Manitoba Branch & Ukrainian Professional and Business Club of Winnipeg Tribute Dinner, 2000.

Gary is currently Vice-Chairman of Wellington West Capital Inc., Vice Chair and Trustee of Arctic Glacier Income Trust, a Board Member of F.W.S. Construction Limited, member of the Advisory Board of Marsh Canada, a Board Member of Manitoba Telecom Services Inc. and Chairman of The Exchange Industrial Income Fund. He is also Chair of Canada's Security Intelligence Review Committee.

Janice provided invaluable support to Gary during his terms as premier. On her own, she has touched lives throughout the world and perhaps one of her greatest attributes is her ability to motivate others. She believes in getting involved and possesses a superior fundraising acumen.

Her scope of voluntary contributions reaches the local, national, and international communities and encompasses fields as diverse as health care to athletics. She is presently the Co-chair for Leadership Winnipeg, serves on the Board of Directors of the Cancer Care Manitoba Foundation and the Arthur V. Mauro Centre for Peace and Justice, and continues to be involved in youth leadership. She was also Chair of Festivals for the 1999 Pan American Games.

Janice has been honoured with the Guardian Angel Award by the Manitoba Cancer Treatment and Research Foundation. As well, the Manitoba Cancer Treatment and Research Foundation & Great West Life created the Janice C. Filmon Award for Leadership in Cancer Care in Manitoba, to honour those who make significant contributions in this field.

Both Gary and Janice were active in student life on campus and have remained supporters of their alma mater throughout their lives. As a student, Gary was the Engineering representative on UMSU Council and later served on the University's Senate. Janice was on the Board of Trustees of the UMSU Bursary/Scholarship Fund and has served as moderator for the University's Conference on Sexual Harassment. Both regularly make presentations on campus. Both have also served as President of the Alumni Association. In addition, both have served as active volunteers in the University's 2001-2004 *Building on Strengths* Campaign.

The Filmons were nominated by Douglas Ruth, Dean, Faculty of Engineering and by Gustaaf Sevenhuysen, Dean, Faculty of Human Ecology. Gary and Janice will officially receive the award at the University's fall convocation.

The Alumni Association Inc. of the University of Manitoba is pleased to announce our new partnership with **BMO Bank of Montreal.**

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- Affinity program dollars are used to support alumni, university and student projects such as:
 - Class reunions
 - Networking events in cities outside of Manitoba
 - Annual Homecoming celebrations
 - The development and regular distribution of the *On Manitoba* magazine and electronic newsletter, and
 - Funding for students in need.

We thank everyone who has supported us through the MBNA credit card program. To continue to support the Association through our affinity card program, please **apply TODAY** for your NEW Alumni Association Inc. of the University of Manitoba Mosaik MasterCard...exclusively from BMO Bank of Montreal

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Protecting Your Privacy

You may have already been contacted by mail, telephone or email about an event or opportunity. At all times, both the university and the Alumni Association are responsible for safeguarding your personal information. For more information on how the Alumni Association protects your privacy, check our web site, **www.umanitoba.ca/alumni.**

What if you do not want to receive affinity program mailings or phone calls?

If you do not wish to be contacted with information by our Affinity partners, please contact the Alumni Association at **204 474-9946**, **toll-free 1-800-668-4908**, or by email at **alumni@umalumni.mb.ca**.

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Take a look ... this is a really different kind of card, and we think a better one because it is not prepackaged. You get to customize your own card, and you pay only for what you choose. Simply select the reward program (AIR MILES® or Mosaik CashBack®) and the interest rate plan that fit you best. Plus, you can add special features including concierge service, travel protection and medical coverage. As your needs evolve, you can change or add features without having to re-apply.

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Thank you for your support!

Sincerely,

President, Alumni Association Inc.

of the University of Manitoba







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Events

MINNEAPOLIS, JUNE 9, 2005



Emőke Szathmáry, university president (back row, second from right), and Karen Gamey, Alumni Association executive director (front row, second from right), with University of Manitoba graduates



Chef Craig Guenther with Canadian Consul General Kim Perry Butler

MONTREAL, APRIL 20, 2005



Pictured is Richard Sigurdson (BA/80, MA/83, PhD), Dean of Arts, with graduates at the event.

OTTAWA

On April 19, the Alumni Association hosted a reception for alumni and friends at the West Block. Approximately 350 were in attendance, including several MPs and Senators.



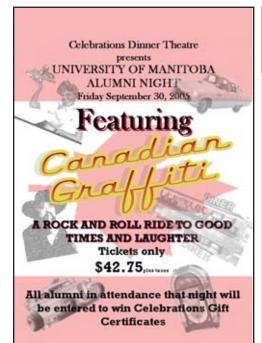
Merv Tweed, MP, and Senator Janis Johnson (BA/68)



Emoke Szathmáry, university president, Hon. Reg Alcock, MP and Brian Macpherson. Alumni Association president



Brian Macpherson, Alumni Association president and professor, Department of Statistics, with former students



events

WINNIPEG SOCIAL IN TORONTO,

November 26, 2005

Contact: Rob Zifarelli at robzifarelli@theagencygroup.com

CALGARY & EDMONTON

March 29 - Calgary March 30 - Edmonton

LINKING GRADS IN US

The Hon. Frank McKenna, Canadian Ambassador to the United States, wants to connect with graduates of Canadian universities living in the United States. For more information or to sign up: www.connect2canada.com/

FOR MORE INFORMATION CONTACT...

Jana Thorsteinson,

Telephone (204) 474-8932

Toll-free **1–800–668–4908**

Email: jana_thorsteinson@umanitoba.ca www.umanitoba.ca/alumni

CIBC RUN for the CURE

OCTOBER 2, 2005

UNIVERSITY OF MANITOBA ALUMNI, STAFF, STUDENTS & FRIENDS

Join the U of M team and spend a few extraordinary hours to help create a future without breast cancer.

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www.cibcrunforthecure.com

Information you need to register:

Team Captain: Jana Thorsteinson Team Name: U of Manitoba Alumni Run Location: Winnipeg

Register by September 9, 2005



GALA CONCERT

THURSDAY SEPT. 22 7:00 PM

Tickets are complimentary

Eva Clare Hall - 65 Dafoe Road

Enjoy an outstanding performance showcasing the talents of faculty members, from the Faculty of Music, as they dazzle you in jazz, classical and much more. Tickets are limited.

IT'S STILL ALL GREEK TO ME!

THURSDAY SEPT. 22 7:30 PM

Tickets are \$25 each

Canad Inns Fort Gary - 1824 Pembina Highway

All alumni of fraternities and sororities (back to 1921) are invited whether or not your group is still active.

CAMPUS TOURS

FRIDAY SEPT. 23 10:00 AM & 2:00 PM

No charge for tours

Tours leave from Alumni House - 180 Dafoe Road

Join the President and Past-Presidents of the Alumni Association as they take you on a 45 minute walking tour of the Fort Garry campus, or enjoy a virtual tour at Alumni House.

HOMECOMING FOOTBALL GAME

SATURDAY SEPT. 24

DOORS OPEN 11:00 AM KICK OFF 1:00 PM

Tickets are only \$5 each, children 12 and under free

University Stadium on Chancellor Matheson Road

Bring your whole family to cheer on the Bisons as they challenge the SFU Clan at the Homecoming football game. Come early to enjoy family activities, watch a beach volleyball tournament and don't miss the half time flag football game featuring members of Winnipeg's media. Tickets can be purchased through TicketMaster at www.ticketmaster.ca or 780-3333.

HOMECOMING BANQUET

SATURDAY SEPT. 24

COCKTAILS 6:00 PM DINNER 7:00 PM

Tickets are \$50 each

Canad Inns Polo Park - 1405 St. Matthews Road

Don't miss the annual banquet where you will be seated with fellow classmates, or people from your faculty or year. Organize a table and bring the whole gang! Bring your singing voice as you will have the opportunity to sing On Manitoba (Brown and Gold) as well as your class or faculty songs.

....AND MUCH MORE!

CONTACT US FOR YOUR HOMECOMING BROCHURE, REGISTRATION AND TICKET INFORMATION

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For up to date information on reunions and other Alumni Association activities visit:

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UniversityNews

COMPILED BY ED UNRAU (BA/69, CED/84)

CONVOCATION 2005

2,818 students received degrees or diplomas during the 126th Annual Spring Convocation in June. Honorary degrees were presented to: Loreena McKennitt, Canadian singer, composer and recording artist; Octavio Paredes-López (PhD/80), Mexican scientist, founding member of the International Academic of Food Science and Technology, and president of the Mexican Academy of Sciences; Doris Baskerville Badir (BScHEc/45), educator, consultant and university administrator whose professional career has addressed issues related to poverty, families and children; James Pitblado (BComm/53), national leader in Canada's investment industry and philanthropist whose volunteer contributions have supported organizations involved in health, education and the arts in Canada; and Michel Bastarache, lawyer, legal educator, expert in language rights in Canada and a respected justice of the Supreme Court of Canada.

The Peter D. Curry Chancellor's Award, honouring an individual who has made distinguished contributions to university governance and/or development was presented to **Janice Filmon**

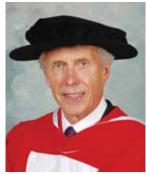
(BScHEc/63). The R. C. Armatage Award, given annually to a student who becomes involved in and committed to the betterment of student life was presented to **David Ames** (BSc/05).

Donald W. Whitmore (BScCE/59), received the Distinguished Service Award, presented by the Board of Governors for exceptional contributions to Manitoba, or which are directly associated with the university.

The Dr. and Mrs. D. R. Campbell Outreach Award was presented to **Henry Engbrecht**, music, and **David Jenkinson** (BA/64, CertEd/65, BEd/68, EdD), education. The award recognizes university staff for tireless community service.



Loreena McKennitt



James Pitblado

Gerald A. Friesen (PhD), history, received the Winnipeg Rh Institute Foundation Medal in recognition of the quality of his research and the impacts nationally and internationally.

The Dr. and Mrs. H. S. Saunderson Award for excellence in teaching was presented to Lynn S. Scruby (PhD/99), nursing, and Fred J. Shore (MA/83, PhD/91), native studies and Office of University Accessibility. The Olive Beatrice Stanton Award for excellence in teaching was presented to William E. Schulz, education. The Graduate Students' Association Award for Excellence in Graduate Teaching was presented to Digvir Jayas (MSc/82, PhD), biosystems engineering and associate vice-president (research) and Elissavet Kardami (PhD), human anatomy and cell science.

This year, upon their retirement the following received the distinction of Distinguished Professor Emeritus: Nicholas R. Anthonisen, internal medicine; Harley Cohen, mathematics; John G. Eales, zoology; Dale Gibson, law; Narain Gupta, mathematics; Allan H. Morrish, physics; Theodore P. Schaefer, chemistry; Alec

Sehon, immunology; **Willem H.T. van Oers**, physics; and **Magdy Younes**, internal medicine.

The distinction of Dean Emeritus was presented to: Jerry L. Gray, I. H. Asper School of Business; James C. Jamieson, science; Romulo Fernandez Magsino, education; and Robert P. O'Kell, arts.

The following received the distinction of Professor Emeritus: Ian Y.R. Adamson, pathology; Robert C. Barber, physics; George W. Bowden, dentistry; Colin Dawes, dentistry; Allan R. Downs, surgery; Alexander L. Gordon, French, Spanish and Italian; Bryan W. Kirk, internal medicine; Paul Phillips, economics, and Judith R. Weil, English.

AGM WEBCAST

For the first time, the University of Manitoba will webcast the Annual General Meeting on September 20, 2005, beginning at 12: 00 noon, CDT. The meeting features presentations by the president and vice-presidents, and is hosted by Wayne Anderson, BSA/63, Chair of the Board of Governors. To access the webcast, go to umanitoba.ca and click on the link.

For those interested in attending the meeting, it will be held in Room E2–110, Engineering and Information Technology Complex, Fort Garry Campus.

2005 **IDEA** AWARD



The CEO and chairman of one of Canada's most recognized and active investment management firms is the recipient of the 2005 International Distinguished Entrepreneur Award of the University of Manitoba. The award was presented to **Stephen A. Jarislowsky** (O. C., MBA) chairman, CEO and former president of Jarislowsky Fraser Limited. The award was presented on behalf of the Associates of the I. H. Asper School of Business at a gala dinner in Winnipeg in June. First presented in 1984, the IDEA awards dinner is recognized as the premier business event in Canada.

ACHIEVEMENT IN INDUSTRY AWARD



In April, the Faculty of Science announced **Mark Wiebe** (BSc(Hons)/01) as this year's winner of the Graduate Achievement in Industry Award for his work at Frantic Films. The award is made for the most significant con-

tribution to the mission of a company by an individual who graduated in Science from the University of Manitoba within the last ten years.

Pictured (l-r) is Ken Zorniak (BComm(Hons)/93), chief operating officer, Frantic Films; Mark Wiebe; and Mark Whitmore, dean, faculty of science. The deadline for nominations for next year's award is December 15, 2005.

FOCUS ON **RURAL HEALTH**



Researchers at the University of Manitoba will continue to be at the forefront of studying ways to improve health care access and delivery for rural, remote and underserved populations throughout the province, following a contribution

of \$500,000 from AstraZeneca Canada Inc in April. The Gerry McDole Fellowship Award is named after a former AstraZeneca president and CEO and Virden native.

Pictured is Gerry McDole (BSc/60, CertBusM/69) with Brenda Elias (BA(Hons)/85, MA/91, PhD/04), the first recipient of the fellowship.

PROGRAM RECEIVES NATIONAL RECOGNITION



Last year, the university's Waste Prevention Office (WPO) received an award from the Canadian Association of University Business Officers (CAUBO) for its recycling program. "We feel we're making a difference and it's an honour to get noticed," said **Maire McDermott** (BHEcol/95, MNRM/02), waste prevention coordinator.

What started with the hiring of a coordinator in 1999 has grown significantly in five years. The WPO works with UMSU to coordinate recycling on campus. The WPO is responsible primarily for collecting paper and other waste such as batteries and printer cartridges while UMREG, the student union's service, collects beverage containers. Both work together out of their office in 157 Helen Glass Centre. Pictured are McDermott with Anders Annell, an undergraduate student in environmental science who works with UMREG.

In 2004–05, the programs collected 340 metric tonnes of paper and cardboard (not including most shredded paper) and 41 metric tonnes of beverage containers. McDermott is also exploring ways to encourage purchasing environmentally-friendly products and the university has recently hired an energy advocate to explore ways to save energy on campus.

SCIENTISTS RECEIVE RH AWARDS

Six university researchers received the 2004 Rh Awards, given to those in the early stages of their careers and who display exceptional innovation, leadership and promise. Awards were presented to: **Enrique Fernandez** (PhD), French, Spanish, Italian; **Scott Kroeker** (MSc/95, PhD), chemistry; **Patricia Martens** (BSc/72, CertEd/73, ContEd/87, MSc/94, PhD/99), community health sciences; **J.C.** (**Kees**) **Plaizier** (PhD), animal science; **Jitender Sareen** (MD/95, BScMed/95), psychiatry; and **Roberta Woodgate** (MN/93, PhD/01), nursing.



Over 100 years ago, Winnipeg was the gateway to the Canadian West. Today the University of Manitoba serves as another kind of gateway, developing minds in and ferreting out information about the Canadian North.

With more than a century of research behind us, one needs to speak carefully about the geographic reach of the university's research scientists. Currently our scope not only extends from northern Manitoba to Nunavut and the Northwest Territories, but it also encompasses circumpolar populations in Scandinavia and Russia. We were the first Canadian university to undertake research a decade or so ago on the prevalence of cardiovascular disease and type 2 diabetes among indigenous peoples of the Chukotka peninsula, and our activities today range from research aboard icebreakers in the Arctic Ocean to delivering front-line medical care in remote northern communities of Canada.

One exciting research initiative led by Dr. David Barber of the Clayton H. Riddell Faculty of Environment, Earth and Resources is co-ordinated through ArcticNet, a Canadian Network Centre of Excellence. This \$45-million project, expected to last seven years and involving a consortium of Canadian universities, is bringing together scientists and scholars in the natural, health and social sciences, along with Inuit organizations, among others. Barber's group is confronting big issues, such as managing the largest Canadian watershed in a new climate. Their findings will help us understand how changes in climate and biology will affect the lives of northern indigenous peoples.

The university is also responding to the need for advanced education in the north. Thanks to Dr. Fred Shore, executive director of the Office of University Accessibility, residents of Norway House can work on Master of Public Administration degrees, avoiding relocating and leaving their families for years at a time. By partnering with the University College of the North, and with the increasing use of distance education technology, the University of Manitoba is making university education even more accessible than in the past.

We have long provided medical care to people of remote communities. Indeed, the J. A. Hildes Northern Medical Unit in the Department of Community Health Sciences was established for that purpose in 1970. It has physical facilities in Hodgson and Churchill, but it also provides flyin medical services to many small centres in Manitoba, and in Nunavut through the Inuit Health Program, based in Rankin Inlet. The Faculty of Dentistry has clinics in Churchill as well as in Norway House, and it provides oral health care in several other northern locations.

My research experience in the subarctic and my fascination with the circumpolar world have made the north and its people special to me. I am proud that our university has had a northern focus for decades, and that its efforts are having impact through education, health care, and research. May our graduates in northern communities, our people who travel there to provide health care, and those who undertake research continue to make a difference to northern lives and northern places.

EMŐKE J.E. SZATHMÁRY, PhD PRESIDENT AND VICE-CHANCELLOR

UniversityNews

TEXTILE ARTIFACTS TO BE DONATED TO MUSEUM

This fall, the entire collection of textile artifacts currently housed in the Clothing and Textiles Hallway Museum will be donated to the Costume Museum of Canada (CMC) in Dugald, Manitoba. Since 1988, the collection has been a valuable resource to educators, scholars and students who use it as a means to understand Manitoba's cultural heritage. At the CMC the collection will continue to exist in a non-profit environment where the artifacts will be appreciated and valued as symbols of Manitoba's cultural heritage. For more information, please contact Lena Horne, department of textile sciences, 204-474-9914 or email horne@ms.umanitoba.ca using heading "Transfer of Textile Artifacts."

NEW DIRECTOR APPOINTED



They say everyone eventually returns home, and **Margot Hamilton** (BA/76, MCP/79) is no exception. Twenty-five years after graduating, she has returned to the university as Director of Development. She brings with her extensive experience in the private, not-for-profit and public sectors both in Canada and the United States.

For the past four years, Hamilton led Development initiatives at Seabury Hall, an independent college preparatory school in upcountry Maui, Hawaii. During her tenure, she spearheaded the most successful campaign in the school's history, raising twice as much as Seabury's annual budget. Also on Maui, Margot and her husband, Duncan, owned Duncan's Coffee Company in Makawao, a favourite spot for locals and expatriate Canadians alike.

Hamilton has wide-ranging experience, including serving as: Executive Director of Development and Licensing for the 1997 World Police and Fire Games in Calgary; President of the YWCA of Calgary; and a member of the Calgary Planning Commission. In addition, Hamilton is a member of the Association of Fundraising Professionals, the National Committee on Planned Giving and the Council for Advancement and Support of Education.

As an alumna, Hamilton considers her new role as a homecoming of sorts. She looks forward to combining her love for the university with her expertise in fundraising and taking development efforts at the university to a new level. "It is truly an honour and privilege to give back to this fine school," says Hamilton.

The Hamilton Family, including daughters Lise and Tess and their West Highland Terrier Piper, are enjoying getting to know Winnipeg and looking forward to the first snowfall of the season!

T2005 UNO Awards

In Spring 2005, Winnipeg hosted the Juno Awards. Many alumni were involved and here are two stories.



When their first album, Burnt Project 1 "The Avenue" was nominated for a Juno in 2004, Marc Baureiss (BEd/92, CertEd/00) was taken by surprise. "That was amazing," recalls the electric guitar player. "We never expected that."

What Baureiss expected when he joined Burnt was an opportunity to make music that breaks down cultural boundaries. And that is exactly what the band has done. Although the 10-piece world beat band was up for Aboriginal Recording of the Year, the music incorporates trumpet and saxophone, hand drums and sitar, African djembe and South American berimbau as well as vocals with a First Nations influence. Shows are often rounded out with hoop and grass dancers moving to the music.

"Attending university gave me a sense of achievement...a belief in myself that I could do anything."

Burnts rich sound results, in part, from the diverse backgrounds and experiences of its members, many who are graduates of the University of Manitoba. The trumpet, violin and saxophone players all studied at the Faculty of Music while the harmonica and baritone sax players, like Baureiss, each have an Education degree. "Attending university gave me a sense of achievement," he reflects, "a belief in myself that I could do anything. It's a lifestyle choice. It's part of who you are and who you become."

After working as a teacher and principal for 10 years, Baureiss has decided to make music a central part of his life. Although the completion of their new recording just missed the Juno 2005 deadline, Burnt might not be out of the running for long. Says Baureiss: "We may try to have our second CD nominated for next year."

CHRISTINE HANLON (BA/85, BEd/89)



Moving To His Own Beat

Errol Ranville moves to the beat of his own drum. As the Aboriginal Music Director for the Manitoba Audio Recording Industry Association, Ranville's job involves

sourcing out and developing upcoming and established Aboriginal talent in Manitoba.

This past April, Ranville took part in coordinating the Aboriginal programming for the 2005 Junos, as chair of the Manitoba Aboriginal Music Host Committee. The committee organized a four-day festival of Aboriginal music and dance that showcased local and national talents.

"It has taken a long time for our music to earn its rightful place in the music scene, and an event like the Juno Awards provides a great opportunity for our artists to be part of this very special celebration of Canadian music," says Ranville, a musician himself, who knows first-hand the challenges of Aboriginal music establishing its place within the industry.

He was nominated for a Juno Award in 2001 for the song "Run as One" which has since become an anthem in Aboriginal Canada, and the Assembly of Manitoba Chiefs' theme song. This year Ranville was inducted into the Manitoba Aboriginal Music Hall of Fame and received a lifetime achievement award at the Canadian Aboriginal Music Awards in Toronto.

Ranville attended the Faculty of Social Work from 1974–80, but left the University of Manitoba only a few credits short of a degree to pursue a career in music. "My first dream was to record an album and in 1980 I had the #1 country song in Canada. My dream after that was to be nominated for a Juno and that came true in 1985. After that I dreamed of touring the United States and I did, playing all over the Southwest and even opening for Willie Nelson. My dream right now is to mentor new musicians within the industry and I'm doing that now with MARIA. I'm always dreaming."

DAWN BOURBONNAIS

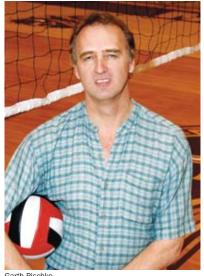
N A LEAGUE OF HIS OWN

It only takes a few moments to find out what motivates Garth Pischke after 25 seasons as head coach of the Bison men's volleyball team - the competition. "In fact, it took me about five years on the bench to fully understand that I couldn't throw on a jersey and run on the court to sub," says Pischke. "I eventually figured out that I could still compete through my players."

Compete is an understatement. Among university coaches, Pischke is in a league of his own. During 25 seasons, his teams have qualified for the Canadian Interuniversity Sport (CIS) national championships 24 times, winning nine gold, nine silver and three bronze medals. Reaching a milestone of 1,000 coaching victories in 2003-04

puts him hundreds ahead his closest rival and among the most successful coaches in CIAU/CIS history.

"His coaching record is so exceptional that he could be considered in the same category as elite coaches such as John Wooden, the great former UCLA basketball coach," says Dennis Hrycaiko, dean, physical education and recreation studies. "In fact, when Garth was building the program, his teams would regularly play exhibition matches and defeat top American schools such as Southern Cal, Pepperdine and UCLA." Pischke also demonstrated his skill at the national level. As National Men's Team Head Coach from 1996-2000,



the team rose from 21st in world rankings to 10th.

Another reason for the success of the volleyball program is his approach. Starting with a goal of "playing our best volleyball at the end of the year," Pischke spends the first part of the season assessing the strengths of his players and then designs a system that accents these strengths. "It's important to be flexible because each group of guys is different," says Pischke. "After that, the focus is on sticking with the system and working hard."

It's a simple approach that a player can translate to their academic life and then to their life after graduation to

become successful, says Pischke. "It's gratifying that many former players still keep in touch and still speak about their playing days with excitement." It's also a philosophy that Pischke the player employed while on the national team, the 1976 and 1984 Olympic teams and later professionally. In 2000, he was named Manitoba's Amateur Athlete of the 20th Century.

As for future plans, Pischke is relishing the challenges of the upcoming Bison season and facing provincial rivals at Winnipeg and Brandon, coached incidentally by his former assistants.

CFL TAKES NOTICE



The Manitoba Bisons had five football players attending CFL Training Camps in May and June. The Bisons had three players selected in the 2005 CFL Canadian College Draft on April 28 and two signed as undrafted free agents.

There are 12 former

Bisons on CFL teams as the CFL season started and five on the Winnipeg Blue Bombers' roster.

UPCOMING

BISON 2005 SCHEDULE www.umanitoba.ca/bisons

2005 NORCECA SENIOR MENS CONTINENTAL CHAMPIONSHIP

September 11-16, 2005-Winnipeg, MTS Centre

Every two years the NORCECA Volleyball Confederation celebrates its Continental Senior Championships and 2005 offers the next opportunity where the best teams from North America, Central America and the Caribbean will compete for continental supremacy. This championship will be the first time since 1995 that a Senior NORCECA Championship has been held in Canada.

ResearchNews

COMPILED BY FRANK NOLAN (BSc/86)

FIGHTING EBOLA AND MARBURG



Steven Jones, medical microbiology, (foreground) and Frank Plummer (MD/76), medical microbiology, and scientific director general of the National Microbiology Laboratory, speak to reporters about the new vaccines.

In June, two University of Manitoba researchers made international headlines for their breakthrough development of vaccines proven to be 100-per-cent effective in protecting monkeys against Ebola and Marburg, two of the world's deadliest viruses.

Steven Jones (PhD), medical microbiology, and **Heinz Feldman** (PhD), immunology, have produced

the first vaccine system to protect nonhuman primates from these two diseases. The success of the vaccines in monkeys is a promising indicator of their potential for protecting humans, since monkeys develop similar symptoms to those seen in humans infected with Ebola and Marburg. It will be five or six years before the vaccines can be proven safe and effective for human use.

Development began more than three years ago at the National Microbiology Laboratory in Winnipeg, supported by a Canadian Institutes of Health Research grant through the University of Manitoba. After initial trials, work was carried out in partnership with the U. S. Army Medical Research Institute of Infectious Diseases, in what is being hailed as a landmark in international scientific collaboration.



NEWEST CANADA RESEARCH CHAIR

Peter Jones (PhD), a pioneer in developing foods that can fight high cholesterol and other life-threatening conditions, has been appointed Canada Research Chair in Nutrition and Functional Foods. Jones has also been named as director of the Richardson Centre for Functional Foods and Neutraceuticals, currently under construction at Smartpark.

Functional foods are those that are similar in appearance to conventional foods but have demonstrated physiological benefits. Jones is researching the properties of fatty acids that can potentially reduce the risk of degenerative diseases, improve the lives of people living with Type 2 diabetes, and reduce the incidence of some cancers and autoimmune diseases. With the appointment of Jones, the university now holds 33 Canada Research Chairs.

INNOVATIVE GRAIN STORAGE FACILITY OPENED

This spring, the university officially opened the new \$5-million Canadian Wheat Board Centre for Grain Storage Research. Located at the Fort Garry campus, the 1340-square-metre (15,000 sq. ft.) facility houses laboratories and a pilot-scale grain cleaning and handling structure.

The new centre incorporates several unique design elements, including modules that allow researchers to conduct controlled experiments into grain drying, handling and cleaning, as well as insect control. The facility can also reproduce grain storage conditions from anywhere in the world. "No other research group in Canada is working to solve problems

of stored-grain ecosystems using a multidisciplinary approach. We are bringing together engineers, entomologists, chemists and agricultural economists with this centre, the most comprehensive facility of its kind in the world" said **Digvir Jayas** (MSc/82, PhD), Canada Research Chair in Stored-Grain Ecosystems and Associate Vice-President (Research).

Funding for the centre came from the Canada Foundation for Innovation, the Manitoba Research and Innovations Fund, Western Economic Diversification Canada, the Canadian Wheat Board, Manitoba Hydro, Agriculture and Agri-Food Canada, the University of Manitoba, and other industry and private donors.

FINDING BETTER WAYS TO TEACH



The University of Manitoba is part of a new national research program designed to improve science and mathematics education in Canada.

In May, the Natural

Sciences and Engineering Research Council of Canada (NSERC) announced the recipients of five new university-based Centres for Research in Youth, Science Teaching and Learning (CRYSTAL) awards. This \$5 million pilot program will address teacher training, curriculum development, and other factors affecting student success in science and math in a wide range of school settings, from kindergarten to grade 12.

Gordon Robinson (PhD), botany, received a CRYSTAL award of \$1 million over five years to study the positive and negative factors that affect science and math education.

"Most of the developed world sees itself as being critically short of people who have a high amount, or even a reasonable amount, of science, technology, and mathematics literacy. This is really important, not just for work, but for being fuller citizens in this technological world," Robinson said. Robinson heads a team of 26 researchers from the University of Manitoba, the Collège universitaire de Saint-Boniface, the University of Winnipeg, Brandon University, the University of Regina, the University of Saskatchewan, and Lakehead University.

An Interview With The President

Dr. Emőke Szathmáry has been President and Vice-Chancellor since 1996. Shortly after assuming office, she commissioned a task force to prepare a strategic plan, completed in 1998, to identify challenges facing the institution and to offer recommendations that would guide it during her first term (a second strategic plan followed in 2003). Over the past nine years, she has led the university through a period of growth not seen since the 1970s. One element identified in the 1998 report, *Building On Strengths*, was a change in the relationship between the university and the Alumni Association, that would provide stable funding for the Association and allow all graduates to become members without a membership fee. In 1999, the university and the Alumni Association signed the historic agreement that brought this recommendation to fruition and in 2005, this agreement was renewed for a second time. The Editor met with the President for her thoughts on this renewal, the importance of alumni to the university and current challenges facing post-secondary education.

In 1999, the university and the Alumni Association signed an historic agreement which has recently been renewed for a second time. How has this agreement changed the relationship between the university and its Alumni Association? Between the university and its alumni at large?

I believe that the agreement has had a profound effect on the relationship between the university and its graduates. Shortly after I assumed this office, I remember meeting alumni and was surprised to hear that many

believed that their university was not interested in them, or worse that, the only time the university contacted them was to ask for financial contributions. It was at that point that I knew that we had some work to do. I found out that only dues-paying members of the Alumni Association received regular communications from the university. As part of the strategic planning process, I held discussions with Dr. Ian Smith, then the President of the Alumni Association, and we established the agreement that made all graduates members of the Association.

The agreement was an important financial commitment for the university to make. We're all part of the university family and the agreement allows the university to interact with all alumni at least three times per year through *On Manitoba*. The more the communication, the more alumni can keep pace with the university, and learn how it is both preserving history and changing to meet the demands of the present and future. The alumni magazine is not just a bridge to graduates. Rather, the magazine is a dynamic entity through which graduates can communicate with us, we with them, and collectively we stay in touch as do members of a lively family.

With the success of the capital campaign, it is obvious that our alumni are generous financial supporters of the University of Manitoba. In what other ways are alumni important to the university?

Certainly through the pages of *On Manitoba* alumni will have read about the very generous gifts of graduates such as Israel Asper, Clayton Riddell and Marcel Desautels, and perhaps because of their stories, less emphasis was placed on the gifts of many others. The fact is though that, we received tremendous support during the campaign from tens of thousands of alumni, starting with gifts of \$100. Each and every donation means a great deal to the university, not only

in their individual or cumulative financial impacts, but also in what each act of giving by an alumnus or alumna actually signifies. Each act of giving is an expression of faith in one's alma mater. Today we know that about 30,000 graduates contributed to the campaign and believe in their university.

I look to our alumni to acknowledge the value of the education they received, which in so many instances is more than the formal learning they acquired in a classroom

or lab. Reputation depends on what people say about an institution, and alumni can make a tremendous difference in how the University of Manitoba is perceived by others. All it takes is speaking positively when the occasion arises to speak about matters affecting the university.

You meet many graduates at out-of-town events. What did you find surprising at these gatherings?

I was amazed by the camaraderie, the sense that we have much in common. The older graduates cherish the memories from their time on campus, and when they encounter friends of long ago, it is as if they have never been separated. The younger graduates, who have moved away from Winnipeg, are looking for friends from university days as well as new contacts in their new city. Alumni remember university as it was — a time of boundless enthusiasm and endless possibility — and nostalgia is ever present at alumni gatherings, as is a genuine interest in how things have gone for their friends. I was surprised at how easy it is for me to get caught up in people's stories, and how much I enjoy listening to them.

What makes you proud to be the President of the University of Manitoba?

There's an understated sense of pride on campus and it's shown in how the faculty and staff really care about their institution. The university has always aimed high, succeeded against the odds and, over its history, has been ahead of its time. I'm not sure how many people know about Alexander Kennedy Isbister, whose story is absolutely inspirational. He was the university's first benefactor who specified in his will that the funds he was bequeathing to the university were to be used for scholarships and prizes for those who merited them, regardless of sex, race, creed, language or nationality.

That was in 1883, and in comparison, as late as in 1968, the year in which I graduated, women were ineligible for scholarships like the Rhodes. Isbister's attitude that good minds exist in all sectors of humanity, and such minds should be able to obtain a university education, symbolizes the values of Manitoba to me. They are embedded in my university and that is a source of great pride to me. I can point to tremendous achievements here on the research side that have benefitted all humanity, not just the people of Manitoba. But for me Isbister's values resonate above all else.

There are several major issues facing universities today. Why should alumni care? What can they do if they want to get involved?

One major challenge is the stability of the operating budget. The provincial government has been helpful, especially in terms of providing support for our capital campaign, matching research dollars, providing matching funds for undergraduate bursaries and scholarships, as well as graduate scholarships. However, we do need increased provincial funding for day-to-day operations – heat, light, utilities, salaries, journals and books in the library, computers. The basket of goods required



David Friesen (BA/69, LLD/04), 2004 Distinguished Alumni Award recipient, with Dr. Szathmáry.

to run a university of our size and complexity is enormous, and these costs are increasing faster than is the cost of living. A competitive 21st century learning environment costs more than most people imagine, and the universities with which we must compete for

students as well as faculty, the research universities east and west of Manitoba, are all better off financially than are we.

A second challenge is to raise awareness of the university's impact in the community. A recent economic impact study undertaken by PriceWaterhouseCoopers showed that more than \$1.2 billion in province-wide economic activity is generated by the University of Manitoba. Each year more than \$100 million in research funding flows through the university, much if it from outside the province, and almost all is spent in Manitoba.

But it's more than just economics. We tend to take universities for granted, but in terms of the quality of life, think what the province would be like without writers, musicians and artists. This university not only provides their education, but it also educates many of the professionals who stay in Manitoba. Without the University of Manitoba, the province would have to import all its doctors, dentists, engineers, pharmacists, agricultural and agribusiness specialists, and social workers among other professionals. There would be no graduate education in Manitoba either, so all university professors would have to be imported from elsewhere, and young people would have to leave to earn MBAs and other advanced degrees outside the province. Quite simply, the University of Manitoba is indispensable to the quality of life in this province.

Whether or not alumni should care about this is for them to decide. My own view is that thoughtful people will reflect on their lives, and most will realize that the university had a role in launching them into the lives they made after they left their parents' homes. As graduates of the University of Manitoba they should have absorbed the institution's values while they were here, and among them is that members of a community should look out for each other. One notable alumnus said that, because the university provided the knowledge and skills one used in the world, inevitably payback time will arrive. I don't see that "payback" as only financial. It means caring about an institution, and doing what one can to make sure it continues to be strong. With that kind of attention, the university will continue to do its best for future generations, and it will continue to make the research advances that make such a difference to human lives.

Alumni support helps ensure that our university continues to fulfil its mission, which remains to preserve, to advance and to disseminate knowledge in all domains, and thereby contribute to the cultural, social and economic well-being of our province, our nation, and indeed, the world. Universities create the future, and alumni can help ensure that with a strong University of Manitoba, the best is yet to come.

Alumni can get involved in many ways, but the easiest is telling their leaders at the provincial and federal levels that they received a good, solid education at the University of Manitoba. Let them know that they want to see their alma mater thrive, to provide the best education and to carry out great research in the future, as it has done in the past.

Can you sum up your key goals for the next three years?

Well, we have a strategic plan where we've identified goals and are currently working on implementing activities to achieve those goals.

I would like to realize the goals of the recent capital campaign, especially upgrading the physical infrastructure of our campuses, including the construction of state-of-the-art facilities.

I would like to stabilize our operating budget along with the size of our student body. I'd like to see us achieve our target of 10% international students, more out-of-province students, more graduate students. Such a mix of students is inevitably lively, and provides different perspectives that are necessary in our rapidly changing world.

Increasing our numbers of Aboriginal students remains important to me, and I am now looking specifically to attracting more to undertake graduate study. It is a challenge, as their opportunities with just one degree are so many.

Mainly, though, I want to leave the university stronger than I found it. It is a wonderful place, with great people, who deserve to work in an environment appropriate to their times, free of concerns about fiscal stability. Their job here is to create the future, and in a sense I'd like to generate the stable underpinning so that all creative energy in this place can focus where it should. Our faculty, staff, and students deserve that kind of milieu, and our province and nation will be stronger because of them.

Exploring - New Frontier

Adil and Michelle Currimbhoy

Adil and Michelle Currimbhoy

Whether it be in pursuit of opportunity or to conduct research, University of Manitoba alumni can't resist the call of the North.

These are some of their stories.

Answering a Call to the North

After graduation, Michelle Currimbhoy (nee Popika) (BSW/99, BA/00) and husband Adil Currimbhoy (BSc(Maj)/98, BComm(Hons)/00)

left Manitoba and moved to Yellowknife, Northwest Territories in hopes of adventure and work experience. They found both and so much more.

With a university education in hand, work in Yellowknife was easy to find. Michelle worked as a program co-ordinator and addiction counsellor before finally settling into a position as a disability case manager. Adil is the Senior Financial Analyst for Canada's first diamond mine. Both agree that Yellowknife was able to offer them more career opportunities and job responsibilities than similar jobs in the south. Opportunities for further professional growth and training through their jobs have sent them to other NWT communities, throughout Canada, and in Adil's case, to several other countries.

The couple was quickly won over by Yellowknife's perks. They say that no matter where you are in the city, you are only a few blocks away from a lake. Not surprisingly, boating, fishing, hockey, skiing and dog sledding are local favourites. Summer activities go late into the night during the nearly 24-hour summer sunlight.

Michelle described Yellowknife as the "only place you go to a yard sale at the Premier's house, or call up your MLA to join you for coffee. The opportunities draw people to Yellowknife, but it's the people and the lifestyle that keep them here."

While Yellowknife has a population of only 18,000, Michelle was pleasantly surprised by the number of University of Manitoba grads they have met who also share their affection for their new home, including: Lisa Lowman (BSc(Maj)/95, MNRM/01), Rhiannon Christie (BA(Adv)/94, MNRM/97), Colin Joyal (BScCE/96), Laura Lee McFadden (MD/93) and David White, a friend from the Speechly and Tache residence days. Michelle and Adil invite friends to call or drop by when in Yellowknife.



Revisiting Recreation

The mighty and iconic Canadian canoe is the largest tool in Borden Smid's (BA/97, BRS/00) toolbox. The University of Manitoba PhD candidate is currently studying canoeing, the boreal forest, and how the two relate.

"We are taking habitat modeling for animal species and applying it to human species," Smid says. The simple version is that Smid studies how certain recreationalists—in this case, boreal river canoeists—use their resource. And what he learns may impact how people use or perceive that land in the future.

"It is the purist or the expert that we are studying," Smid explains, "and how we can predict where people go or how land managers handle land. Foresters, for instance, always use rapids for bridges, which also happens to be prime areas for recreation." What Smid's research will show is that there is room for all recreationalists.

In a poignant sidebar to his studies, Smid has found that there is a connection between ancient humans and our current society: both peoples are generally drawn to the same wilderness areas. "What was important in a location for hunter-gatherers is important for people today," he says. "Though the reasons are different now."

Smid, who is also the vice-president of Paddle Manitoba, finds that his work is also a good excuse for getting up into those hard-to-reach corners of the Manitoban wilderness.

JIM CHLIBOYKO



Graduation is just the Beginning

When Sheri McKinstry (BSc/01, DMD/05) dropped out of school in grade eight to support her family, it could have been the end of her academic plans. Instead, it was only the beginning.

"School was always important to me, but when I dropped out I had to care for five younger brothers and sisters," McKinstry, originally from the Sagkeeng First Nation north of Winnipeg, said. "But when I started my own family I realized how important education was."

So in 1989—just a couple of years after dropping out but now juggling parenthood—she decided she wanted to go back to school. But the then-18-year-old McKinstry did more than just decide to go back and finish her education—she and her husband sat down and laid out the career plan that would take her to convocate in spring, where she received her dentistry degree.

She was able to juggle family and school with support from her husband and from innovative programming. While at Daniel MacIntyre School in Winnipeg, she found support through the infant care program that lets teen moms bring their children to school and juggle parental responsibilities. When McKinstry entered the University of Manitoba in 1997, her family consisted of four children. At university, the Aboriginal Access program was able to fill a role similar to the program at Daniel Mac. With her bachelor degree complete, McKinstry entered the Faculty of Dentistry in 2001.

Along with plans to work on a master's degree with the Centre for Community Oral Health, McKinstry is planning to get out and practice dentistry. "My goal is to provide dental services to the Aboriginal community just outside Winnipeg and also fly-in service to northern communities."

DALE BARBOUR (BA(HONS)/05)

Teach Them To Fish

Don Clarke (BA/90) has helped place the Black River First Nation on the sustainable development map and he can credit two unlikely sources: the walleye and the sauger.

"In 2002, I met with elders, and there were real concerns with walleye and sauger populations," says Clarke. "We managed to contact both government and industry, got talking, developed a strategy, and a five-year plan, that looked at enhancing economic situation in the community."

"But not at expense of the environment."

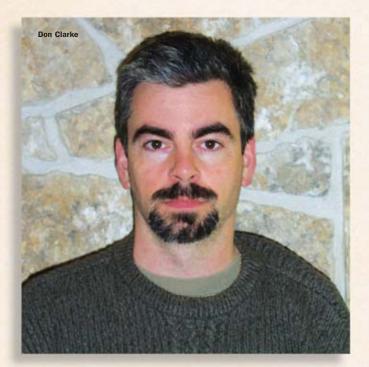
Whatever the fish started, it has kept Clarke busy. It is hard to ask a man what he does for a living when he doesn't even know how to answer his own phone. "One minute I'm director of education," he says. "The next I'm a community development advisor."

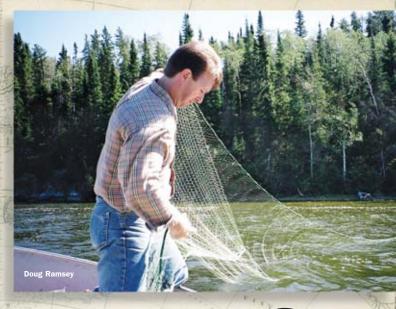
By Clarke's own reckoning, he's been an educator, an entrepreneur and a consultant. "I've worked with probably 20 First Nations, government, industries. I've even worked with foreign countries."

Black River's about-face involves many aspects of local life—forestry, fishing, non-timber forest products. However, most projects start with educating the young people on the reserve. "Four or five years ago, kids in our community couldn't even name different coniferous trees," says Clarke. "We are keepers of the earth, he adds, and it's important to think generationally."

For more information about this community, located just north of Pine Falls, check www.black-river.ca.

JIM CHLIBOYKO





A Pound of Cure

As the Manitoba Manager and National EIA Technical Director for SEACOR Environmental and the President of the Manitoba Environmental Industries Association (MEIA) Doug Ramsey (BSc(Hons)/79, MSc/85) has conducted environmental impact assessments in Canada for over 23 years.

Over the years, Ramsey has been called upon by many First Nations and the Government of Canada to provide advice on the environmental impact of hydro and resource development projects. Recently, he has been conducting a drinking water study for the community of York Landing on Split Lake and also working on behalf of the York Factory Cree Nation in assessing the environmental impact of the proposed Wuskwatim generating station and transmission line.

"It's really important to understand the effects of different kinds of resource development on the environment", says the scientist, "and to be able to determine how much of a change the environment can withstand". Most of the environmental issues Ramsey finds himself assessing and trying to resolve are related to hydro and mining projects. According to Ramsey, businesses in Manitoba are leading the way in developing innovative solutions—often in cooperation with environmental consultants—to solve environmental problems.

"What's particularly appealing about work in the North" Ramsey explains, "is that people are still a very important part of the ecosystem, adding another challenging and interesting dimension to the assessment". Ramsey find this rewarding, admitting "I am happy to be able to say that as a result of having been involved in some of these projects, these ecosystems are a bit better off than they would have been if there had not been any kind of environmental assessment as part of the project planning." You know what they say, after all, an ounce of prevention is worth a pound of cure.

SHEILA SIMONSON (BA/04)

OurStories

Mohammad R. Aghaebrahimi

AN ELECTRICAL ENGINEER TURNED SOCIAL ACTIVIST AND MANAGER



When Mohammad R. Aghaebrahimi (MScECE/93, PhD/97) left University of Manitoba for his homeland, Iran, in 1997, he couldn't even imagine what fortune had planned for him.

At the beginning, two universities in Tehran invited him to work as an assistant professor. But for personal reasons, he decided not to stay in the capital. Instead, he moved to his wife's (Farideh Farhadi.

MA/97) hometown, Birjanda. He started his work as an assistant professor at the University of Birjand (UOB) and very soon established a bachelor's program in Electrical Power Engineering. Farideh, too, started her job as a Lecturer, teaching French, General English and History of Literature to undergraduate students at UOB.

Teaching, however, was not the only job to occupy Aghaebrahimi's time. He was soon appointed Vice-Dean for Academic Affairs at the Faculty of Engineering — a managerial position which started a new direction in his life and career. A year and half later, he was appointed Vice-President for Student and Cultural Affairs. And in another year and a half, he was appointed as the President of UOB by the Minister of Science, Research and Technology, a position he still holds.

During his term, he worked hard to elevate the university to new heights. The university's only three Masters programs increased to nine. The university's first PhD program (in Chemistry), too, is set to start next September. In 2002, the university received a research boost when it purchased US\$ 2.5 Million worth of research and laboratory equipment from European and other western countries. The university's connection to the internet was boosted and a Wide Area Network (WAN) with three Local Area Networks (LAN) at the university's three campuses connected through state-of-the-art wireless equipments, was established.

Student activities hit an all-time record with nearly 70 scientific, political, cultural, and social student magazines, 15 cultural and artistic student associations, more than 20 scientific student associations and eight athletic student associations, which have ranked first in the whole country for the past two years. The university's increased research activities prepared the necessary conditions for its membership in the UNESCO-

based International Association of Universities (IAU) in 2003. International academic co-operations, mainly with the goal of establishing joint PhD programs with accredited foreign universities, were another plan pursued by him. Currently a memorandum of understanding is signed by a British university and negotiations are being held with universities in Germany, Australia and India.

Besides his academic duties and activities, Aghaebrahimi took on two other endeavors. In 1998, he established an electrical engineering company with its activities centered on rural electrification in the less developed areas and villages of eastern provinces of Khorasan and Sistan-Balouchestan. In 2001, however, accepting the responsibility of UOB's presidency, took its toll on the company. The company's activities have been downgraded to just one project per year, just not to lose the connections with the industry. So far, more than 20 projects have been completed, electrifying more than 50 villages, five border posts, and a number of agricultural installations.

Aghaebrahimi's peak of activities during the past seven years, however, had nothing to do with electrical engineer-



ing. While the country's other nine provinces had been divided several times to make 27 provinces, Khorasan, being one-fifth of the size of the whole country, and hosting the country's one-tenth of the population, had not major reason for underdevelopment.

In 1999, Aghaebrahimi with the help of some friends and social

activists established an NGO focused on the issue of dividing Khorasan into manageable provinces. Lobbying with government, publishing articles, writing a book and a report, and informing people were among the tasks the NGO pursued vigorously. The efforts finally bore fruit in May 2004. The Iranian parliament, at the end of its sixth term, approved a bill, dividing Khorasan to three new provinces of Northern Khorasan, Southern Khorasan and Khorasan-e-Razavi. As the first result, the region's share of national budget tripled between 2004–05 and 2005–06 and new provincial offices and branches have been established.

While Aghaebrahimi's four-year term as the president of UOB ends next September, he is not sure about the pace he will undertake afterwards. One thing, however, is for sure. He is a graduate of University of Manitoba, with lots of good things learned and experienced there.

Reaching Manitoba's North and Bevond

CHURCHILL

COMPILED WITH THE ASSISTANCE OF SIOBHAN KARI (MA/O4), RENEE BARCLAY, AND JULIE CREASEY.

From health care initiatives to climate change to resourcemanagement, our faculty and graduate students are making a difference for people who live, work and study in northern climates. **Here are some examples.**

UNIVERSITY COLLEGE OF THE NORTH

The University College of the North is an institution devoted to community and northern development and reflects the cultural diversity of northern Manitoba. Its two main campuses are located in The Pas and Thompson with six regional centers in **Churchill, Cross Lake, Easterville, Flin Flon, Swan River, and Split Lake**. Courses are delivered through a combination of classroom instruction and distance education. In the Year One University program, students can also choose courses from The University of Manitoba, Brandon University and The University of Winnipeg as well as from the University of the Arctic, a new international university operated by a consortium of the world's northern circumpolar countries, including Canada.

SOCIAL WORK

The Faculty of Social Work at **Thompson** offers a University of Manitoba four-year full-time and part-time university degree. The curriculum is designed to meet the specific needs of northern Social Work students. It includes on site instructors and field placements with local agencies, organizations, and in northern communities. In addition to the quality academic programming, the program offers additional academic and personal supports to promote and enhance the success of each student.

FLIN FLON

PUBLIC ADMINISTRATION

The university recently began offering its Master of Public Administration degree on-site in Norway House. This is a joint degree program with the University of Manitoba and the University of Winnipeg.

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NURSING

The Faculty of Nursing has a joint baccalaureate nursing program with the University College of the North (UCN) at **The Pas** and **Thompson** sites. In addition, the Faculty works in partnership with Norway House Cree Nation and UCN to prepare students at **Norway House** to enter the nursing degree program.

THOMPSON

NORWAY HOUSE

DENTISTRY

In 2003, the Faculty of Dentistry and the Norway House Cree Nation officially opened the Kinosao Sipi Dental Centre in **Norway House**. For more than 25 years, the faculty has provided dental services to northern communities across Manitoba, Saskatchewan, Nunavut and the North West Territories by drive-in, fly-in or by dental rotations in these communities for weeks or months at a time.





CLAYTON H. RIDDELL FACULTY OF THE ENVIRONMENT, EARTH, AND RESOURCES



As part of ArcticNet, this retrofitted icebreaker is a floating laboratory

Within this faculty are several initiatives in the North, especially through the Natural Resources Institute and the Centre for Earth Observation Science. One of the largest projects is ArcticNet, a \$45 million network of research centres of excellence to study the changing Arctic, involving several universities from across the country. The University of Manitoba is a lead researcher and the project involves research in the natural sciences, health sciences and social sciences.

MEDICINE

Established in 1970, the J. A. Hildes Northern Medical Unit has delivered health care to remote areas with predominantly Aboriginal populations across northern Manitoba and in Nunavut. Approximately 70 medical specialists from Winnipeg travel to all communities on an itinerant basis. Hospital-based communities are located in **Hodgson**, **Churchill** and in **Norway House**. The unit also operates fly-in and drive-in programs.

OTHER INITIATIVES:

On top of extensive research into global warming, natural resource management and the Arctic's changing ecology, faculty and graduate students are partnering with northern communities and researchers around the world in projects including: composite materials for northern housing; longitudinal studies of health; hypothermia, metabolism and winter survival; and economical and environmental transportation alternatives such as airships to the Arctic. In addition some courses offered in the North include: a winter survival workshop, and the Pangnirtung Summer School, a six-week field course on **Baffin Island** where students live off the land, learn Inuktitut and conduct community-oriented, participatory projects on resource management and the environment with Aboriginal Elders and hunters.

ENHANCING THE LEARNING EXPERIENCE



Dean Care, David Hultin and David Gregory

A new study has revealed important information about the barriers and facilitators to learning by distance technology among Aboriginal nursing students.

The Faculty of Nursing offers bac-

calaureate nursing education across the province of Manitoba in a variety of educational settings by using distance education technologies to connect remotely located students to on-campus faculty members.

Recognizing that distance education technology is a way of reaching out to communities and allowing more students an opportunity for post-secondary education, W. Dean Care (BN/76, MEd/84, EdD), David Gregory (MN/86. PhD), Mary Courtenay and Cynthia Russell (PhD), from the University of Tennessee Health Science Center, were awarded a grant from the Social Sciences and Humanities Research Council (SSHRC) to investigate the experiences of Aboriginal nursing students studying with distance technologies and to explore strategies to address their learning needs. The three-year study was undertaken with the support of Manitoba Keewatinowi Okimakanak (MKO) and University College of the North (UCN). The fifth member of the team, David Hultin (BA(Adv)/00, MA/05), interviewed over 70 students and faculty in Norway House, Thompson, The Pas, and Winnipeg over the past two years.

The initial data analysis revealed issues that affect students' learning experiences, including those related to technology, faculty, support staff, and students at distance sites. Many issues offer a glimpse into the students' learning. Of particular note are tensions among distant learning sites; reliability issues regarding equipment; and the positive experience of remaining in or near a home community for the program of study. Given the increased number of Aboriginal students accessing nursing programs, and considering the "at risk" nature of this student population, understanding Aboriginal students' experiences may help faculty and other developers of distance courses to evaluate implementation strategies.

To date, the team has made several presentations at both national and international conferences, and look forward to publishing their results as widely as possible. To view the presentations, and for more information about the study, head to the project's website located at

www.umanitoba.ca/nursing/exp-impact.

AConversationWith...

DAVID BARBER

(BPE/82, MNRM/89, PHD (WATERLOO)), ASSOCIATE DEAN (RESEARCH), CLAYTON H. RIDDELL FACULTY OF ENVIRONMENT, EARTH, AND RESOURCES, CANADA RESEARCH CHAIR IN ARCTIC SYSTEM SCIENCE AND DIRECTOR, CENTRE FOR EARTH OBSERVATION SCIENCE

Years Teaching at The University of Manitoba: I've taught at the University of Manitoba since 1993. Right now, as a Canada Research Chair, I teach primarily graduate level classes.

Areas of Expertise: Sea Ice and Climate Change.

Before Teaching: I became interested in the Arctic while in my last year as an undergraduate. As a Physical Education student with an initial aim to also teach biology, I became fascinated with the Arctic Ocean while working at the Department of Fisheries and Oceans (DFO). After five years with the DFO, I decided to pursue graduate school, studying the Arctic.

Hobbies: Basketball, tennis, hiking, camping, fishing. I also fly my own paraglider, which I also use for work.

Outreach Activities: Many things but most notably I have been promoting the Schools on Board program that gets high school students involved in large scale research programs, such as the ArcticNet, a \$45 million research consortium involving several universities from across the country. As the university is a lead researcher and I am coordinating one of the three main elements of the project, I have the opportunity to spend weeks at a time in the Arctic on an icebreaker that is essentially a floating laboratory. Students come aboard and we teach them about polar science and raise their awareness of the issues surrounding Arctic climate change.

Something Others May Not Know: My father was a World War II spitfire pilot and I learned a lot from him about the benefits of taking risks; including going solo in our family airplane when I was 13 years old.

What Excites You Most About the Future: I'm very excited about the merger of environmental technologies with environmental science with the purpose of managing the earth and its resources in a sustainable manner. It is important that science play a role in making wise choices about how we evolve as a society.

Most Rewarding Aspect of Teaching: The privilege of working with young minds that are motivated and talented. It's a real pleasure to watch students mature and come into their own, often assuming leadership roles in university, government and private industry.

Awards/Recognitions Received:

- · Canada Research Chair (www.chairs.ca);
- NASA Principal Investigator:
- NSERC scholar and GSC member;
- Theme leader of ArcticNet;
- Member, International Arctic Polynya Program;
- Numerous memberships and research recognition awards.



InPrint



MAURICE MIERAU

MEMOIR OF A LIVING DISEASE:

The Story of Earl Hershfield and Tuberculosis in Manitoba and Beyond

2005, Great Plains Publications

This book shows how the disease affects various communities in Manitoba, including First Nations communities in the north and immigrant groups in Winnipeg. It also illustrates the tireless efforts of Dr. Hershfield and his fight against this disease.

Author **Maurice Mierau** (MA/91) is a poet and journalist. Deeply affected by the writing of this book, he puts himself into the story as he visits northern communities hard hit by TB. In his spare time he plays basketball and the upright bass.



JIM MOCHARUK

FORMIDABLE HERITAGE: Manitoba's North and the Cost of Development, 1870-1930

2004, University of Manitoba Press

With impeccable research, this book reveals the full price and impact of short-sighted development for the land and the people of the north. Earlier in 2005,

Formidable Heritage won the Manitoba Historical Society's Margaret McWilliams Award for Best Scholarly Book.

Jim Mocharuk (PhD/92) currently teaches history at the University of North Dakota.



C. O. "CHUCK" BRAWNER ENGINEER...AROUND THE WORLD IN FIFTY YEARS

2003, BiTech Publishers Ltd.

Professional engineers and geologists will enjoy this book. Over 70 case examples of engineering prob-

lems and solutions from around the world are described. An excellent reference for students and consulting engineers.

Chuck Brawner (BEngCE/53), President of C. O. Brawner Engineering Ltd., has spent over 50 years as consultant and teacher. He is responsible for ten books and has received many awards including the Canadian Geotechnical "Legett" Award and American Society of Mining Engineers prestigious "Jackling Award and Lecture."



MARCEL LEBRUN REFLECTIONS ON STILL WATERS

2005, PublishAmerica

This book is a series of stories told from the hearts of men ranging in age from 19 to 80 years old. Thirtythree gay men tell their coming-out stories and speak

about relationships, adventures, successes, challenges, sorrows and victories.

Marcel Lebrun (BEd/79, BA/82, CertEd/93, MEd/94, ContEd/96, EdD) is a professor in education at Plymouth State University in Plymouth, NH.



KURT ROSENTRETER, CA WEALTH BUILDING

2005. Insomniac Press

Unlike other books on personal finance, Wealthbuilding is designed as an evolutionary process, where all Canadians dreaming of being wealthy can follow a log-

ical process of steps over time to make their dreams come true.

Kurt Rosentreter (BComm(Hons)/89, CA/93) may be Canada's foremost expert on wealth management for affluent Canadians. He is the author of two other books: *Tax Smart Investing* and *Rosentreter's Rules*.



CHANDRAN MYLVAGANAM AND SANDFORD BORINS

IF YOU BUILD IT...Business, Government and Ontario's Electronic Toll Highway

2005, University of Toronto Centre for Public Management

This book charts the history of Ontario's Highway 407, the world's most technologically advanced toll highway from its development in the early 1990s, operation by a crown corporation, to its subsequent privatization in 1999 and its performance thereafter.

Chandran Mylvaganam (PhD/80) operates a consulting practice, specializing in alternate service delivery, public-private partnerships, transportation policy and energy policy. **Sandford Borins** is professor of Public Management in the Joseph L. Rotman School of Management at the University of Toronto.



WILLIAM SWEET

THE PHILOSOPHY OF HISTORY:

a Re-examination

2004, Ashgate Publishers

This volume offers both an introduction to contemporary discussion in the philosophy of history and a reassessment of some of the major movements in

the philosophy of history since the beginning of the 20th century.

William Sweet (MA/79, PhD) is chair of the Department of Philosophy and Director of the Centre for Philosophy, Theology, and Cultural Traditions at St. Francis Xavier University. He is also author of several other books including *Approaches to Metaphysics* and *Religious Belief: The Contemporary Debate*.



ED JANZEN, EDITOR & PUBLISHER CANADIAN STORIES

Canadian Stories is a literary folk magazine written by or about Canadians.

Ed Janzen (BSc/57, MSc/60, PhD) spent 12 years at the University of Georgia before moving back to

Canada in 1975 to chair the Chemistry Department at the University of Guelph. After retiring, he started *Canadian Stories*, which can be found at book and magazine stores across Canada.

25

Dialogue

THE CALL OF THE NORTH

In this Dialogue, Jill Oakes (BHEc/75, CertEd/76, MSc/85, PhD/88) and Rick Riewe (PhD/71) discuss how changes in the North have impacted the indigenous peoples, the environment and the economy.

Jill Oakes is a Professor in the Department of Environment and Geography at the University of Manitoba and husband Rick Riewe is a Professor in the Department of Zoology at the University of Manitoba. Their research focuses on the circumpolar people of Canada, Alaska, Greenland, Sweden, Norway, Finland and Russia. In addition to receiving funding from granting councils and northern communities, the duo also receives significant assistance from the Bata Shoe Museum Foundation as among northern peoples, footwear is seen as an important interface between humans and their environment, revealing much about their religion, ancestry, status, resource use and the introduction of new technology over generations.

This issue of the magazine features stories of how the university and its graduates are contributing to the North. What changes have made the most impact?

RR: The introduction of the television in the early 1970s had a huge impact. Before, people were very actively engaged with the land but after television, they spent less time in traditional activities, such as hunting, trapping and fishing.

JO: Another major change was the shift from dog teams to snowmobiles. It changed their economy as well as their knowledge of the land.

RR: Self-government and land claims issues have also changed the way of life in the North. In the past, northerners were egalitarian hunters and the family leader rose to position by natural process not by heredity or election. Today younger leaders make political decisions that affect everyone, including Elders and communities hundreds of kilometers away.

You study northern peoples in different countries around the globe. How are the issues the same and how are they different?

RR: One major change is climate. Warming occurs four times faster in the North than the south and we are starting to witness shifts. With massive erosion and the melting of permafrost, communities are being forced to move, and migration patterns of animals are changing. For example, in the summer, no longer are there seals in the open waters around Banks Island, and across the High Arctic, caribou are starving due to winter thaws and rainfall which form ice crusts over their food.

JO: I can remember as recent as 15 years ago visiting a village in coastal Alaska which today is almost totally submerged. We also now hear of people getting sunburned. These examples are



from North America but environmental change has had a significant effect around the world. For example, in Siberia cancer rates among some groups of reindeer herders are epidemic. The herders also point out that reindeer skins have become too thin and weak for making into clothing.

RR: The tree line in Siberia has also moved 500 km north in the last 50 years due to massive forest fires and global warming.

JO: One positive change has been education. In Canada, institutions such as the University of the Arctic, Arctic College and the University College of the North, are offering ways for people in the North to get a formal education while living in the North.

(Editor's Note: These northern institutions offer programs using expertise and human resources of existing universities often in the south. The University of Manitoba is a partner in these institutions.)

RR: In addition to their own colleges and universities, circumpolar peoples also have their own parliaments, and cultural foundations including publishing houses, libraries, museums, radio and TV stations, etc.

What kind of environmental changes do you see over the next few decades in the Canadian North and around the globe and what will be the impacts?

RR: With continued climate warming, communities will have to move to higher ground. This will have implications as new infrastructures will be needed. The flora and fauna of the North will also be impacted—some species will disappear and others will move in from the south which will play havoc with the northern ecosystems.

JO: There will also be cultural costs as ancient burial grounds will be submerged. With the massive changes in the northern landscapes the traditional knowledge required to travel on these vast lands will change.





RR: We are already witnessing this as elders have told us that they are unable to predict the weather. This raises two concerns. One is safety and the other is the inability to locate the wildlife and hence the inability to procure the food required to feed the communities. This weather change is one reason why ArcticNet (a federally-funded research consortium) is studying climate change in Hudson Bay.

Jo: Inuit are adaptive and will find a way to adjust to these challenges as they have in the past. They went from living in an Igloo to heated homes within the same generation.

How do you see the Canadian North, say five to ten years from now, in terms of the people, how they live and what will drive their economy?

RR: With climate warming and with more oil and gas exploration, there will be more industrial activity in the North, including more ship traffic.

JO: This activity, along with more northerners getting university and college degrees, might help develop the formal economy. With approximately 60 per cent of the population under the age of 16, and an unemployment rate of more than 40 per cent, this economic diversity may decrease the unemployment rate. The growth of eco-tourism will also help this development as well as

offer a forum for these people to share their traditional teachings. There are significant environmental costs to these changes.

The North has readily embraced modern technologies; computers and the internet have broken down some of the barriers of geography. In fact, Inuit tell us that communicating with other northern peoples around the world via internet has been really helpful in learning how other Indigenous people have resolved similar problems such as land claims, health issues and cultural change.

How will these changes affect life in the south?

JO: The web can also bring southerners up to speed on northern issues by making northern news readily available to all of us.

RR: Also, we're finding that northern communities are commissioning the assistance of researchers with projects that they have identified as important. For example, we have worked with northern communities who have asked us to conduct research on topics such as: gambling, material culture, traditional beliefs systems, resource use and land claims. In fact, at the request of the Inuit, we mapped more than 300 million hectares of Inuit land use in the Territory of Nunavut.

ASSISTING NEW RESEARCHERS

ESTABLISHING A RESEARCH SCHOLARSHIP

Jill Oakes and Rick Riewe are also supporting the next generation of academics by recently establishing the Oakes-Riewe Aboriginal-Environmental Studies Research Award. The award is designed for graduate students conducting interdisciplinary environmental research which includes Aboriginal peoples' perspectives. "We had originally planned to leave some money to the university in our will," said Riewe, "then we decided it would be more rewarding to actually see how the money could benefit students now." The \$100,000 received from Oakes and Riewe was matched by the provincial government, the interest accrued is used for the award. This year four students received up to \$5000 each to support their research. "It's extremely gratifying to be part of the

selection committee and to see, firsthand, how our contributions are making a difference," said Oakes.

ABORIGINAL ISSUES PRESS AND SCHOLARSHIPS



Support for students is also available through the Aboriginal Issues Press (formerly known as Issues in the North, and later as the Native Studies Press) which was established by

Oakes and Riewe. This press publishes one multi-authored refereed book per year with articles contributed by students and academics as well as single authored books. With administrative and financial support from the Clayton H. Riddell Faculty of Environment, Earth, and Resources, the publication is sold with all proceeds used to fund Aboriginal Issues Press Scholarships. "What is unique about this process is that the publication also provides a way for graduates and new academics from all disciplines to get that all-important first paper accepted in a referred research publication," said Riewe. "This accomplishment helps them get other sources of funding."

DEADLINES

Deadline for applications are March 30 for the Research Award (www.umanitoba. ca/aboriginal_issues_press), and October 27 for the Aboriginal Press Scholarship. For more information, please contact Allison Kulbaski, Kulbask@ms.umanitoba.ca, in the Dean's Office.

GivingBack

Don Wright knows \$1 million ways to say: "I love Music."



Don Wright, Canada's Jingle King, has given \$1 million to the University of Manitoba, \$200,000 of which will support scholarships in the Faculty of Music and \$800,000 of which will support the new Centre for Music, Art and Design (CMAD).

"I want my gifts to show faith in students at the University of Manitoba and CMAD, and to encourage others with a love of the arts to also show their support," the 97-year-old Wright said of his gift.

Wright's million-dollar support of the university isn't the first time the Toronto resident has played the role of philanthropist by supporting the arts in Canada. In the early 80s, the composer, arranger and educator established music education scholarships across the country, placing 32 awards in 13 Canadian universities, including the University of Manitoba.

Since establishing the scholarships, Wright's legacy of giving has grown significantly, with multi-million dollar gifts across Canada to support education and music education programs, resulting in the recent naming of the Don Wright Faculty of Music at the University of Western Ontario, his alma mater. His latest legacy in arts education is his support for the University of Manitoba's Centre for Music Art and Design.

CMAD is a collaborative effort between the Faculties of Architecture and Music, the School of Art and the Libraries, and has raised over \$6 million of support from the public so far. "I am truly thrilled to be a part of CMAD—a significant part of it," said Wright.

The Centre will produce graduates who are prepared for success in today's high-tech music, art and design careers and have been challenged with exciting new concepts in learning and knowledge garnered from interaction and study with creative arts students from the other disciplines.

"The key is developing an environment where collaboration between the four units can effectively take place," said David Witty, Dean, Faculty of Architecture, "It's not about having our own separate space but how the disciplines can merge in ways we can't even imagine."

STEPHANIE YAMNIUK (MA/00)

Husky Energy Gift Boosts Biofuels Research



Husky Energy Inc. President and Chief Executive Officer John C. S. Lau and University President Emőke Szathmáry

The University of Manitoba is strengthening its leadership position in alternative energy research with a \$1 million investment to a research endowment fund from Husky Energy Inc.

The gift from the Calgary-based company lays the foundation for the creation of two research chairs in biofuels with a focus on ethanol. Husky will provide an additional \$1.625 million over five years, which the university will seek to augment through government support programs. This strategy is expected to leverage a total investment of over \$5 million towards biofuel research.

"Husky is proud to make a significant contribution to the University of Manitoba's research in developing the biofuel industry," said John C. S. Lau, President and Chief Executive

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Chair To Promote Field Research



William O Pruitt Ir

Stumbling over logs, getting cut on thorns, being stung by insects, and getting stuck in mud, is just business as usual for field biologists studying plants or animals in their natural habitat. While to some, this scenario may sound like a camping trip gone bad, to researchers like William O. Pruitt Jr. (PhD), observing, documenting and tracking a species in the field is not only a wonderful way to commune with nature, but it is also the best way to learn about our environment.

"We need to understand the animals and plants in their natural conditions before we can experiment on their habitat or even bring them into the lab," said

Pruitt, who is a Senior Scholar at the University of Manitoba. "Without a comprehensive study of the range of conditions these plants and animals live under, we have no idea how human activities, such as logging and hunting will affect the ecology in the long-term."

In particular, Pruitt is interested in the ecology of the Boreal Forest. The Forest, also known as the Taiga, extends in North America from the Seward Peninsula to Newfoundland and encompasses between 25 and 45 per cent of the land area of Canada. The Boreal Forest is home to a number of creatures including the woodland caribou, the fisher and the grizzly bear and exhibits several different ecosystems such as rain forests and the northern watershed.

Although relatively little is known about the ecology of the Boreal Forest, activities such as logging, hunting and wild rice operations have proliferated. Because of Pruitt's dedication to understanding the area better, he established the Taiga Biological Station, two km north of Wallace Lake, in 1973. Since then, hundreds of graduates, students and researchers like himself, have taken to studying the natural history of the area.

In recent years, however, Pruitt says field study has fallen out of fashion due to its demanding nature as well as the increased use of computer technology for biology research and artificial in-house labs. Courses such as mammalogy, which used to be staples in university programs across the country, have largely been discontinued. While Pruitt sees the value in both facets of study, he believes that a balance between the two needs to be achieved.

To this end, Pruitt has donated his own money into a fund (now worth \$420,000), which he hopes will go to supporting a Chair in the Natural History of the Boreal Forest, His vision is that the chair holder would encourage more study at the research station and field study in general, as well as have the background to start offering courses, such as mammalogy, that would attract students to field work.

"Research conducted in the field is the basis for any concern about the environment or conservation, and the Chair is the safest way to ensure the future of the program and that field work remains an active component," he added.

SARA SCOTT

at University of Manitoba

Officer of Husky Energy Inc. "The advancement of education and research is a key objective of Husky's community investment program."

The University of Manitoba's plant science department already boasts a well-established winter wheat program that has made advances in wheat yield, quality and disease resistance with a particular focus on Fusarium head blight, a fungal disease that has severely affected wheat production in western Canada. With the new research funding, researchers will seek to develop high-yielding Fusarium-resistant winter wheat cultivars that will meet the current and future needs of the ethanol industry.

An additional focus on bioengineering of biofuels will bring together researchers from biosystems, civil and

mechanical engineering and microbiology to improve the efficiency of biofuel production. Using advanced biotechnology in combination with process engineering, this multidisciplinary team's goal will be to design an innovative system that converts biomass, or organic matter, into energy fuels such as ethanol and hydrogen.

"Research into biofuels complements Manitoba's leadership efforts to reduce greenhouse gases, which is the key objective of the Kyoto accord," said Premier Gary Doer, who attended the announcement on June 9. "We applaud Husky and the U of M for having the vision to invest in initiatives that make both good economic and good environmental sense."

ThroughtheYears

ASSOCIATION OF THE PARTY OF THE

COMPILED BY HOLLY CAMPBELL (BA/85)

DEADLINE FOR SUBMISSIONS IN THE DECEMBER EDITION IS SEPTEMBER 23, 2005

CONGRATULATIONS TO THE FOLLOWING WHO RECENTLY RECEIVED THE PROVINCE'S HIGHEST HONOR.

THE ORDER OF MANITOBA:

Albert D. Friesen, BSc(Hons)/69, MSc/71, PhD/82.

Irene E. Grant, BPed/69.

Chander K. Gupta, Associate Professor of Obstetrics and Gynecology, University of Manitoba.

Chief Ovide William Mercredi, $\rm LLB/77.$

Kathleen M. Richardson, C.C., BA/49, LLD/89.



Einarsson, Davey, BSc/56, an innovator in the seismic acquisition and processing business was honoured with the 2004 Honourary Membership Award from the Canadian Society of

Exploration Geologists. In the spirit of Vilhjalmur Stefansson, the Icelandic explorer, one of Einarsson's achievements was conducting marine seismic surveys in the Arctic Oceans where no modern vessels had ever sailed. Einarsson currently resides in Houston, TX.



Picken, Don, BScEE/51, brings greeting from Victoria, BC. He plans to attend Homecoming and looks forward to seeing the new Engineering Building.

1940-49



Bateman O. M., Leonard A., BScEE/42, MSc/48, was honored at the Annual Meeting of the Canadian Society for Senior Engineers when he was presented with the grade of Fellowship in the Society.

Cosman, H. Herbert, MD/49, was elected a Life Member of the Ontario Medical Association in recognition of his outstanding contributions over 50 years to the work of the Association. Cosman was instrumental in the development and operation of geriatric services in Ottawa, ON and in 2004, he was formally honored by the Regional Assessment Program of Ottawa for his exemplary leadership and commitment.

1950-59

Binks, Charles W., CA/57 (CALIF. CPA/65), retired and received copyright for his first historical novel titled "Manitou-God Leads", Book 1, Hargrave St. The novel dates back to 1000 A. D. and includes a compilation of early German and Lithuanian history, the creation of the Lutheran Church and a variety of other topics.

1960-69

Daun, Jim, BSc/67, MSc/73, PhD/75, was recently awarded a fellowship with the American Oil Chemists' Society (AOCS). Daun's service to the society includes his activities on the Board of Governors. He was a long time chair of the AOCS Seed and Meal Analysis committee and worked hard to ensure that methods specifically for Canadian crops like flax and canola were recognized. He was particularly cited for his work on glucosinolate methodology as well

as methods for oil content determination. This year he also received the AOCS Analytical Division's H. R. Dutton Award for his work in the analysis area.



Dewar, Dale, BSc/65, (MD/78 U of S) has been elected President of Physicians for Global Survival, the Canadian Affiliate of International Physicians for the Prevention of Nuclear War. Dewar has served the

community of Wynyard for almost twenty five years. She also developed and coordinated the University of Saskatchewan's Rural Family Medicine program and as an executive member of the Society of Rural Physicians of Canada. Her interest in continuing medical education and supporting peace initiatives led her to facilitate teaching teams of physicians in Iraq on two separate occasions, in 2003 and 2004. Dewar lives and gardens with her husband, Bill Curry (BA/64), two cats and a dog (their three nestlings having "flown the coop") on a Land Trust one and a half hours north of Regina.

Grieve, Ross, BScCE/69, is the recipient of the 2005 University of Alberta School of Business Canadian Business Leader Award. Grieve is the president and CEO of PCL Construction.

Lau, Honourable Patrick, BArch(EnvDes)/69, was elected to the Legislative Council in Hong Kong representing the Architectural, Surveying, and Planning Constituency.



Six retired architects from the classes of 1957 and 1958 are pictured at an informal get-together of the six, at the home of Jim and Audrey Rose in Nanaimo B. C., on March 30, 2005. All six friends met in residence on campus in 1952–53, prior to all joining Phi Delta Theta Fraternity and subsequently moving into the Phi Delt residence at 112 Rose St. in Winnipeg. The six (I-r) are: Don Erb, West Vancouver, BC; Norman Metz, West Vancouver, BC; Buck Perrin, Victoria, BC; Craig Fairbairn, Crescent Beach, BC; Jim Rose, Nanaimo, BC and Don Lehrer, Calgary, AB.



Pictured are members of the 1964 Architecture graduating class reunited in Winnipeg on the cold weekend of October 15–17, 2004. The 1964 Interior Design graduates also met during this time.

Roberts, Donald John, BA(Hons)/67, has been elected a Fellow of the American Academy of Arts and Sciences. His latest book, *The Modern Firm: Organizational Design for Performance and Growth* (Oxford University Press, 2004) was named the best business book of the year by The Economist magazine. John and Kathy (nee Taylor), (BScPharm/66) live on the campus of Stanford University. John is a faculty member in Stanford's Graduate School of Business and Kathy is retired from her job as Treasurer of the Palo Alto Medical Foundation and Administrative Director of its Research Institute.

Samila, David J., Dip. Art/62, of Coldwater, ON was awarded the 2005 Caron Cooper Award for his three Fieldmouse drawings at "Convergence", the 42nd Annual Juried Exhibition held by the Tom Thomson Memorial Art Gallery in Owen Sound, ON. David was born in Winnipeg and studied at the Winnipeg School of Art and at the Slade School of Art at University College in London, England. He taught fine art at Mount Allison University in New Brunswick, the Calgary School of Art, the Winnipeg School of Art and at York University in Toronto. His work can be found in public and private collections across Canada and internationally. For more information about the artist, please contact David Samila at samila@csolve. net



Schriber, Stanley 0., BSc(Hons)/62, MSc/63 was recently elected a Fellow of the Institute of Electrical

of the Institute of Electrical and Electronics Engineers (IEEE) "for contributions to linear accelerator technology". He also received the

"2005 Outstanding Professional Award" from the Southeastern Michigan Section of IEEE. In 1997 he was elected a Fellow of the American Physical Society "for his leadership in the R&D for high-current proton linear accelerators and for his support of the particle accelerator community". Following obtaining his PhD in Nuclear Physics from McMaster University in 1967 he spent 18 years at the Chalk River Nuclear Laboratories. In 1984 he moved to the Los Alamos National Laboratory leading their accelerator-based activities. In 2003 he moved to Michigan State University where he is teaching and continuing accelerator physics R&D. He and his family enjoy spending their summers at their cottage in Kenora, ON.



Simons, F. Estelle R.,

BSc/65, MD/69, was elected as the 62nd president of the American Academy of Allergy, Asthma, and Immunology in March. Simons is Professor and Head of the section of

Allergy & Clinical Immunology in the Department of Pediatrics & Child Health at the University of Manitoba. She is a pastpresident of the Canadian Society of Allergy & Clinical Immunology and a past-chair of the Canadian Pediatric Society Allergy Section.

Vickar, Garry M., BA/67, MD/71, (FRCPC, DFAPA), was appointed Clinical Instructor, Department of Psychiatry, Washington University, St. Louis and made Professor and Chair, Department of Psychiatry, St. Matthews University School of Medicine, Grand Caymans, BWI.

Wiebe, John Dietrich, BSc/66, of West Vancouver received the Meritorious Service Medal at Rideau Hall from the Governor General of Canada for his work with the GLOBE Foundation and his contribution to the enhancement of Canada's reputation as an international champion of environmental management.

Zefferys (nee Little), Marlene, BSc/63, has been living in Kuala Lumpur for 12 years. She is Coordinator, Educational Advising Center at the Malaysian-American Commission on Education Exchange, a binational Fulbright Commission. Zefferys has written two reference books; MBA sourcebook for International Students, Heaven and Empire: Khymer Bronzes from 9th-15th Centuries, and a romantic novel of Asia. Letters To Rainbow written under the name Louise Little. She has also written and produced a VCD for Malaysian students studying in the U. S. titled, Making Dreams Realities. Her husband was knighted by the King of Malaysia and she carries the title of Datin (Lady). She returned to Winnipeg in July for a family reunion and can be contacted by email at mea@macee.org.my

1970-79



Huculak, Edward, BA/70, is currently the Publisher of The *Winnipeg Sun* since December 2003, after 13 years as the Advertising Director of the *Calgary Sun*.

Ramamurthy, Nangavaram S., PhD/71, Research Professor (Emeritus) of Oral Biology in the School of Dental Medicine at Stony Brook University, has been named a Fellow of the National Academy of Veterinary Sciences (NAVS) of India. He is being honored in recognition of research that focused on non-antibiotic properties of Tetracyclines. Ramamurthy also acknowledged the support of Stephen C. Stothers, his advisor at the University of Manitoba in the early seventies.



Tessier, Donald S., CertEd/75, BEd/76, MEd/79, (BA/74, University of Winnipeg), received a Master of Education degree in 1991 and Doctor of Education degree in 2003, both from the University of Alberta. His doctoral thesis was

entitled: Developing a Process for Evaluating Education in a First Nations Community. He is currently the principal of Mistassinly School, a large Middle & Senior High School in northern Alberta. He spent the summer of 2004 in Fuyang, China teaching English as a Second Language. The summer of 2005 was spent in Lethem, Guyana teaching a 3-week course in school administration.

ThroughtheYears

Tulloch, Mitch, BSc/77, CertEd/83, was recently awarded Most Valuable Professional (MVP) status by Microsoft in the area of Windows Server—Setup/Deployment. Microsoft's MVP Program recognizes outstanding members of the Information Technology (IT) community for their participation in online support forums and willingness to help others. Mitch is an IT professional living in Winnipeg, MB who has written fourteen books. You can find more information about Mitch on his website www. mtit. com and about Microsoft's MVP Program at mvp.support.microsoft.com.

1980-1989

Alagusundaram, Karuppiah, MSc/89, PhD/93, received an award of "National Fellow" from the Indian Council of Agricultural Research (ICAR) based on his previous research contributions on CA storage and a research project proposal on MAP of fruits and vegetables for export markets. He thanks Digvir Jayas for valuable contributions and encouragement in work on CA storage and for being a source of inspiration for academic excellence.



Mooney, Wendy R., MD/86, BScMed/86, has accepted the position of Medical Officer at Health Canada. She is working for the Pre-Market Clinical Review Division, Biologics and Radiopharmaceuticals

Evaluation Centre, Biologics and Genetic Therapies Directorate at the Laboratory Centre for Disease Control in Ottawa, ON. She had been an assistant professor in the University of Manitoba Faculty of Medicine.

Woo, Caleb, BFA/80, has established his own art studio in Kowloon City, Hong Kong and welcomes all alumni to visit him when in Hong Kong. For more information please visit his web site at calebwoo.org.

1990-99



Bart, Nigel, BFA/99, has opened a unique art studio in April. Artbeat Studio is the first of its kind in Manitoba and offers ten artists living with mental illness the studio space, resources and peer support in order to promote

mental health healing and empowerment through artistic creative endeavour.



Jones, Jennifer, BA/96, LLB/99, skipped her rink to a Canadian Women's Curling championship in February in St. John's. Jones is an

Associate in the law firm Aikins, MacAulay & Thorvaldson in Winnipeg.

Richthammer, John, BA/96, is part of a team at Canada's national history magazine, *The Beaver*, creating and populating a database of all material published in *The Beaver* throughout its 85-year history. He is also completing his MA (Archival Studies) thesis, *Memento Mori: An Archival Strategy for Documenting Dying and Death on the Canadian Frontier*, with Red Lake, ON as its case study.

Marriages



Borden Smid (BA/97, BRS/00, PhD Candidate) to Gwen Matyas (BEd/97) on Oct 9, 2004.

Births

Claeys, Tracy Joel, BScPharm/95 and Gregory John Didyk, BCSc(Hons)/93, announce the birth of their son Evan Peter Didyk on January 5, 2005.

Déquier, Réal Philippe Joseph Bynum, BSc/96, BA/99, MPA/03 and Berrina Louise Bynum Déquier are pleased to announce the birth of Zayla Louise Déquier, born January 27, 2003. She is the little sister of Zara Judy Simone Déquier.



King, Michelle D., BScMaj/04, and husband Jeff announce the birth of their first child, Bennett George King, on November 12, 2004 at St. Boniface Hosptial. He was 5 lbs., 11oz., and 18.5" long.

Lazarenko (nee Render), Kelly Lee, BA/91, BComm(Hons)/94 and, Darryl Nicholas Lazarenko, BComm(Hons)/93, are pleased to announce the birth of their second son Nathan Reid on February 1, 2005. Nate joins big brother Will.



Place, Steven A., BA/91, and wife Elizabeth (nee George) are overjoyed with the birth of their son, Liam Aidan. This special little boy was born April 13, 2005, weighing 7.3 lbs and 20 1/2" long

in Winnipeg. He was placed in our hearts and home two days later. We would like to thank both Adoption Options and our very special Birthmum for making our dreams come true.

Romuld, Michelle,

BComm(Hons)/98, and Michael Hance are pleased to announce the birth of their first child, Hana Meredith Hance. She was 6 lbs., 11oz., born in Yokosuka, Japan on February 1, 2005.

GRADUATES STAR IN PRODUCTIONS



Tricia Magsino-Barnabe, BScMaj/96, DMD/03, starred as the lead role of Kim in this year's Rainbow Stage production of *Miss Saigon*. She has been involved in musical theatre in various productions

at Glenlawn High School, Rainbow Stage, and at the Faculty of Dentistry.



Andriana Chuchman, B M u s (Perf) / 04, performed in the Manitoba Opera's production of *The Elixir of Love* in the role of Gianetta. During summer 2005, Andriana was

at the Merola Opera

Program, known as the cornerstone of San Francisco Opera's numerous training and performance programs for promising young artists.

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In Memoriam

The Alumni Association Inc. of the University of Manitoba extends their condolences to the family and friends of the following alumni:

1920-29

Conway, Myrtle Rietta, BA/27, BEd/37, LLD/52, on April 5, 2005.

1930-39

Bellan, Samuel, BA/34, MD/40, on February 21, 2005.

Conner (nee Shipley), Mary Ethelwyn, BScHEc/30, on March 7, 2005.

Cunningham, Aubrey Boyd, BA/34, on April 15, 2005.

Goldstein, Goldie, BHEc/36, on February 13, 2005.

Hay, John William, BScCE/35, on November 8, 2004.

Lavender, Jean Irene, BA/39, on February 23, 2005.

MacTaggart, Marion Cathie, BA/34, CA/46, on March 2, 2005.

McColl, Frances Virginia, BScHEc/38, on March 22, 2005.

Moulder, Leslie James, BScEE/32, on March 26, 2005.

Nelson, Sadie E., BA/35, CertEd/36, on February 9, 2004.

Rosenblat (nee Finkel), Lillian L., BHEc/36, on April 21, 2005.

Sellors, Roy, BArch/36, on April 24, 2005.

Siemens, George, BSc/32, MSc/35, on December 29, 2004.

1940-49

Axford, Donald W., BSc/48, on March 3, 2005.

Bachinski, Carl, BSc/44, BEd/50, on February 10, 2005.

Black, William Gordon, CA/49, on February 17, 2005.

Bowman, John Maxwell, MD/49, on May 22, 2005.

Brewer, Douglas O., BComm(Hons)/44, on April 7, 2005.

Clarke, J. Boyd, BScEE/45, on March 6, 2005.

Durnin, George Rowe, BScCE/48, on March 7, 2005.

Falconer, John Ramsay, BSc/49, on April 8, 2005.

Fraser, Glenn D., MD/46, on May 31, 2004.

Hooper, Ronald H. C., $\rm BA/42, DipSW/46, \ on \ April \ 16, \ 2005.$

Jackin, Peter Michael, BSc/49, on April 16, 2005.

Jones, Ernest Lloyd, LLB/49, on March 6, 2005.

Macdonald, Roderick (Roy) James, BComm/43, on January 30, 2005.

McDonald, Bruce Phipps, LLB/41, on May 10, 2005.

McKinnon (nee Robinson), Margaret Elizabeth Sproule, BA/46, DipSW/47, MSW/70, on March 3, 2005.

Mozel, Joseph, BSc/49, BEd/50, on February 18, 2005.

O'Grady, Gerald Lawrence D., BComm/48, on October 9, 2004.

Schurman, Peter, BScEE/46, in November 2004.

Wener, Albert Sheldon, BSc/45, on March 28, 2005.

Whitecross, John David, B. Arch/49, on March 30, 2005.

Wilson, J. Harris C., BSc/40, on April 14, 2005.

Wilton, Shirley Jean, BHEc/46, on February 10, 2005.

Woolverton (nee Kerby), Dorothy Beatrice, BA/40, DipSW/47, on April 3, 2004.

1950-59

Barsky, Morley, MD/56, on July 13, 2004.

Booth, Harry, CA/51, on March 4, 2005.

Cook, J. A. Douglas, BSc/50, BEd/57, on May 13, 2005.



33



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Ifeel this scholarship celebrates 12 years of hard work and dedication towards my school, community and academics. Attending university would have been financially unfeasible without it. With the right support, the students of today can all become leaders of tomorrow by becoming successful, contributing members of society.

Kali Leary Leader of Tomorrow Scholarship recipient

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www.umanitoba.ca/alumni/find_a_friend/

Cunningham, Robert F., BScCE/52, on December 10, 2004.

Daubaras, Alfred V., BComm/53, CA/60, on March 31, 2005.

Dowling (nee Johnson), Diane Mary, BSc(Hons)/55, MSc/56, on April 29, 2005.

Goltsman, Norman Sidney, LLB/57, on May 3, 2005.

Honeybunn, Douglas L., BPed/59, BPed(Hons)/63, on March 24, 2005.

Hopper, Harold R., BScCE/50, MSc/70, on May 17, 2005.

Kendall, Reverend Richard George, BA/58, BD/60, on February 26, 2005.

Langford, J. A., BArch/51, on February 14, 2005.

Lukan (nee Lozinski), Mary Joanne, BScHEc/59, on January 21, 2005.

McDonald, William Craik, BSA/50, on February 3, 2005.

Metcalfe, David R., BSA/50, PhD/60, on February 24, 2005.

Moffat, Andrew John, BScEE/51, on January 18, 2005.

Perrow, Betty Irene Shepherd, BA(Hons)/52, on January 19, 2005.

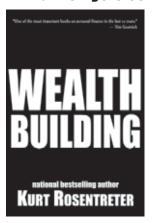
Pilutik, Walter John, BA/54, on February 12, 2005.

Purcell, William J. H., BComm(Hons)/50, in July 2004.

Rogalsky, John R., BSA/51, on February 12, 2005.

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Shapiro, Samuel, BScME/50, MBA/72, on April 12, 2005.

Swift, George, BScME/50, on February 10, 2005.

Walton, Kenneth N., MD/59, BScMed/59, on April 15, 2005.

1960-69

Anderson, James Edward, BA/61, BA(Hons)/62, on March 22, 2004.

Blokland, Agnes, BA/60, on February 10, 2005.

Bosc, Rene J., BSc/62, BEd/62, BA/64, MEd/71, on March 18, 2005.

Boycott, Bernard Rudolph, MSc/67, on April 13, 2005.

Carney (nee O'Sullivan), Mary Theresa, BA/68, on $May\ 10$, 2005.

Easton, Leonard Asher, BSc/64, on May 6, 2005.

Fast, Karl, BA/65 on April 1, 2005.

Gracey, Helen Lucinda, BN/69, on March 19, 2005.

Jacobs, Donald John, BA/67, on May 2, 2005.

Jankiewicz, Robert Gerald, BScCE/68, MBA/70, on March 8, 2005.

Jeffries, Wilfred, CA/65, on March 1, 2005.

Martens, Margarete Loise, Nurs. C. Ph/60, on March 13, 2005.

Masson, Moira Fraser, BA/63, BEd/66, on February 18, 2005.

Morton, Thomas Lionel, BA(Hons)/68, on February 6, 2005.

Paley, Mary, BA/69, on May 12, 2005.

Rector, Roger Joseph, BSc/61, BSc(Hons)/63, MSc/66, on April 10, 2005.

Sherman (nee Waldman), Carol-Lynn, BHEc/69, on February 2, 2005.

Stuart, Richard Grey, BA/67, on April 29, 2005.

Wilson, C. Douglas, BA/65, on May 5, 2005.

1970-79

Derraugh, Bruce Vernon, BA/77, on March 25, 2005.

Devries, Kenneth John, BSc/74, MD/78, on March 18, 2005.

Dorosh, Albert Ivan, BA/71, CertEd/71, BEd/75, on March 7, 2005.

Dufault (nee Kolody), Vera Marie, CertEd/71, BA/85, on March 30, 2005.

Hooper, William Raymond, BPed/70, on April 22, 2005.

James, Horace Rollington, BA/70, CertEd/72, BEd/73, MEd/87, on April 18, 2005.

McEwan, James Stewart, BA/72, on April 23, 2005.

McGavin, Kathryn Lucy, BA(Hons)/71, MA/78, MBA/81, on December 12, 2004.

Mills, Frederick Gould, CertEd/70, on March 28, 2005.

Prior, Donald Bartley, Dip.Agric./77, on January 31, 2005.

Ranson, Rachelle Mary, BN/76, ContEd/03, on March 31, 2005.

Sayed, Hassan I., PhD/73, on August 28, 2004.

Wedel (nee Dahlgren), Lorraine, BPed/78, MEd/83, on March 6, 2005.

Wilde, Dwight Bernard, BA/76, on April 1, 2005.

1980-89

Burnside, Ray Wallace, $\operatorname{BEd}/83$, on April 17, 2005.

Kellerman, Francis Arthur, BA/85, on June 20, 2004.

Neustaedter, Karen Ruth, BA/86, MBA/90, on March 6, 2005.

Rusen, Rochelle Tabala, BFA/84, on May 2, 2005.

Vun, Su Yin Edward, MA/83, on May 12, 2005.

1990-99

Miller, Patricia Lee, $\mathrm{BA/92},\,\mathrm{on}\;\mathrm{March}\;5,\,2005.$

Smith, Christopher John, BSc/92, on February 27, 2005.

Titchkosky, Cindy Louise, BHEcol/97, on April 16, 2005.

Friends In Memoriam

Auty, Anthony, Assistant Professor, Department of Internal Medicine, Faculty of Medicine, University of Manitoba, on May 20, 2005.

Grandhi, Raja, Adjunct Professor, University of Manitoba, on July 26, 2003.

Havens, Betty, Community Health Sciences, Faculty of Medicine, on March 2, 2005.

Lugsdin (nee Robertson), Ann Elizabeth, Director, Preparatory Division of the Faculty of Music, University of Manitoba, on March 24, 2005.

events FOR ALUMNI

Figure Ground: Painting and Drawings of Ivan Eyre

Winnipeg Art Gallery April 29 to August 28, 2005

University of Manitoba Choirs and Alumni to Perform with the Winnipeg Symphony Orchestra

Professor Henry Engbrecht from the Faculty of Music will guest conduct the Winnipeg Symphony Orchestra in two performances of Felix Mendelssohn's Elijah on January 20 and 21, 2006 at Winnipeg's Centennial Concert Hall. He will take with him the two university choirs he conducts - the University Singers and the University Women's Choir - and the Bison Men's Chorus, under the direction of Steve Denby. In addition, an alumni chorus brought together especially for this event (under Engbrecht's direction) will also join the combined choirs for a total of 220-230 voices.

These concerts will be part of the WSO Masterworks Series and the new Choral Series.

For tickets, call the WSO ticket office at 949-3999.

TheLastWord

WE DON'T HEAR THAT ANYMORE

"BECAUSE OF TOO MUCH CHANGE IN THE WEATHER,

it makes it hard for people to go out in the bush. There is not much permafrost and the ground is still too soft under the snow. The grounds usually make cracking noises when it gets really cold, but we don't hear that anymore." Shirley Kakfwi (Old Crow, Yukon)

In any discussion regarding the environment, First Nations are first concerned about seeking ways to improve the poor state of the environment and fulfill our responsibility as caretakers of the earth.

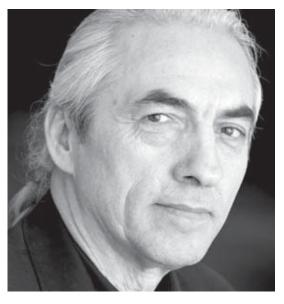
Environmental degradation has a direct and negative effect on all of us, particularly among First Nations citizens as our people continue to live close to the land.

The environmental impacts of climate change threaten First Nations communities across the country. First Nations peoples in the north are raising their voices about the loss of traditional foods and medicines. Climate change is creating uncertain transportation links and damage to homes and other property as the permafrost melts. And insects and pests are migrating northward, bringing an increased threat of disease. While the effects are felt most acutely in the north, First Nations communities south of 60 are also feeling the changes.

Climate change is increasingly recognized as the most serious environmental issue facing humanity, and as such, we have an amazing opportunity to look to the innovation and leadership among First Nations.

Our people have lived in this territory since time immemorial. We have knowledge that has been gathered over many centuries, which has been passed down by our ancestors. We know this land intimately, the environment, the geography, the plants and animals. We know how the land responds in times of stress. We want to work with others to share our experience and understanding for the betterment of all.

Governments and people must realize the opportunity that exists for all Canadians to learn about climate change mitigation and adaptation through the experiences, responses and resiliency of First Nations people. We need to recog-



nize the importance of traditional knowledge and encourage its use in concert with western science. At the same time, we need to respect the need for community protection and control of this knowledge, in a way that honours the rights and interests of First Nations

First Nations are also doing our part to address the cause of the problem by developing opportunities to generate clean, emission free energy and promote energy efficiency. Projects can offer economic development and employment opportunities, while respecting tra-

ditional culture. For example, Peguis First Nation, in central Manitoba, is helping to lead the way for First Nations across the country. Peguis has joined forces with other communities nationally through the One-Tonne Challenge, which is aimed at taking positive action on climate change. Peguis is introducing greenhouse gas emission reduction technology through geothermal heating/cooling in community infrastructure, establishing a regional landfill and community recycling centre, and training its members in R2000 energy efficient house construction and retrofitting.

Resolving environmental problems and rising to the challenges of an uncertain future by embracing our core beliefs will lend us the courage to face our struggles, make our children proud of who they are and where they come from, and ensure the survival of all our nations.

Phil Fontaine (BA/81) is Anishinabe from Sagkeeng First Nation in Manitoba. He has dedicated most of his life to the advancement of First Nations people. In 1991, he was elected Grand Chief of the Assembly of Manitoba Chiefs and served three consecutive terms. In 1997, he was elected National Chief of the Assembly of First Nations (AFN) and re-elected a second term in July 2003. Mr. Fontaine continues to provide exemplary leadership in the advancement of First Nations issues. He was awarded honorary degrees of Doctorate of Laws from Royal Military College in 1999, Brock University in 2004, Lakehead University and the University of Windsor in 2005. Mr. Fontaine became a Member of the Order of Manitoba in 2004.



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