

OnManitoba

CONNECTING ALUMNI AND FRIENDS OF THE UNIVERSITY OF MANITOBA

AUGUST 2002



NEW IN THIS
ISSUE:

RESEARCH FEATURES
ALUMNI PROFILE
MORE NEWS

Alumni
Exclusive



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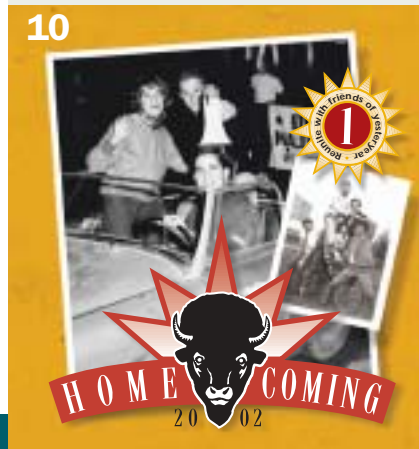
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The Alumni Representative to the Board of Governors

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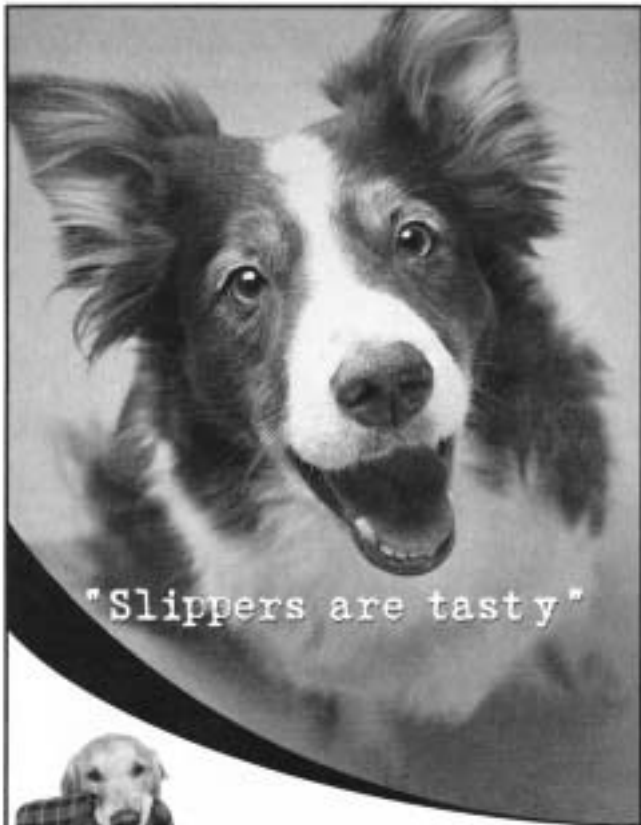
A VOICE FOREFRONT



18



RISING STARS



"Slippers are tasty"



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WELCOME TO THE NEW ON MANITOBA MAGAZINE!

As many of you know, *On Manitoba* is the first line of the chorus of The Brown and Gold. While many recent alumni may not recognize the song, it's making a comeback in 2002 during the University of Manitoba 125th anniversary celebrations. As part of the school song, *On Manitoba* is steeped in tradition and at the same time reflects the pride and spirit still found on campus today.

In addition to the new name, this premiere issue features an updated look and eight additional pages of news. We're excited with the final product and couldn't have done it without the help of our alumni.

The process of selecting this new name and redesign was both interesting and extensive in scope. With the assistance of a communications and a research group, we gathered feedback through a number of ways including collecting demographic and other quantitative data, focus testing with alumni, and interviewing alumni and other stakeholders. Also, in May 2002, 1,000 alumni were surveyed to find out more about topics of interest.

This process gave us a clearer picture of how our readers view the University, how they view the Alumni Association, and what they want from their alumni magazine.

NEW FEATURES

As you turn the pages of *On Manitoba*, we think you will be pleasantly surprised. We have added new items, such as a conversation with a popular professor, and extended other favourite segments like *Through The Years*. There is also more information on unique alumni services and an update on our new web site.



HOW ARE WE DOING?

The magazine will evolve over time, incorporating changes in future issues when we hear from you. We're interested in your on-going feedback. If you were not surveyed in May, we may call you as part of a follow-up survey in September. If we don't call you, please do not hesitate to contact us by phone, fax, or e-mail.

Thank you for your feedback.

Russ Medvedev, Editor

Congratulations to Our Contest Winners



On behalf of the Alumni Association, I would like to congratulate the winners of the New Name for the New Millennium Contest—Ruth Hrycaiko (BA/72) of Winnipeg and James Taylor (BSc/68, MSc/78) of Calgary (pictured). Each will receive a commemorative framed copy of this premiere issue.

The Brown and Gold

OFFICIAL THEME SONG OF THE UNIVERSITY OF MANITOBA STUDENTS' UNION

WORDS BY CHARLES V. MCCULLOUGH
MUSIC BY W.J. MACDONALD

We are proud to boast of Manitoba "U."

To her teaching we shall never be untrue.

Stand up then and cheer her!

We hold nothing dearer.

To the world proclaim our faith in her we now renew!

Years ago she struggled thru' Adversity,

Now she lives in peace and liberty...

We are proud to honor and defend her all the while, so on...

To victory...

On, Manitoba,

Glory now unfold...

On Manitoba

Shine forth, Brown and Gold,

Forward toward success,

Wisdom, happiness.

We line up behind her,

'Tis a picture to behold.

Cheer for Manitoba "U."

I-ji-it-ti-ki, ki yi yip.

Manitoba! Manitoba!

Rip rip rip.

Ka-na-ki-wa-wa,

Ka-na-ki taw,

Manitoba! Manitoba!

Raw raw raw!



REPORT FROM THE PAST PRESIDENT

My term as President has concluded, and the time has been much too short! As I reflect on the past twelve months, what stands out in my mind are the many people that I have had the opportunity to meet and to work with; and to share thoughts, feelings, hopes and aspirations. The Alumni of this University have been a constant source of inspiration to me.

I hope you agree that the Alumni Association has accomplished many meaningful tasks since June 2001. It gives me great pride to have been President during part of the Association's historic 80th anniversary year in 2001 as well as the University of Manitoba's 125th birthday year of 2002. It was also a privilege to have represented the Alumni Association at many functions, such as at the Vanier Cup in Toronto in December and at a March tea, co-hosted with Dr. Emőke Szathmáry, at which we talked with graduates residing in Victoria. Meeting with alumni across the country, still passionate in their support of their alma mater, has only strengthened my belief in the bond among graduates that transcends the fact of geography.

As a communications professional in my "real" job, it also brings me great pleasure to have been President of the Association at a time when the Association has revamped two of its most important communication tools—the *Alumni Journal* magazine and web site.

While I have stepped down as President, I remain on the Alumni Board and look forward to embracing the challenges and successes of the upcoming year with all of you. I also want to take this opportunity to wish Jim the very best in his term as President.

LEONA HERZOG,
BFA(Hons)/75, CertEd/76, ContEd/94

NEW EXECUTIVE ANNOUNCED AT AGM

At the Alumni Association Annual General Meeting on June 5, 2002, the new executive committee was announced for 2002–2003:

PRESIDENT Jim Raftis
VICE PRESIDENT Nick Pizzi
TREASURER Rowland Forster
BOARD REPRESENTATIVE Brian Macpherson
PAST PRESIDENT Leona Herzog



Brian Macpherson
& Leona Herzog

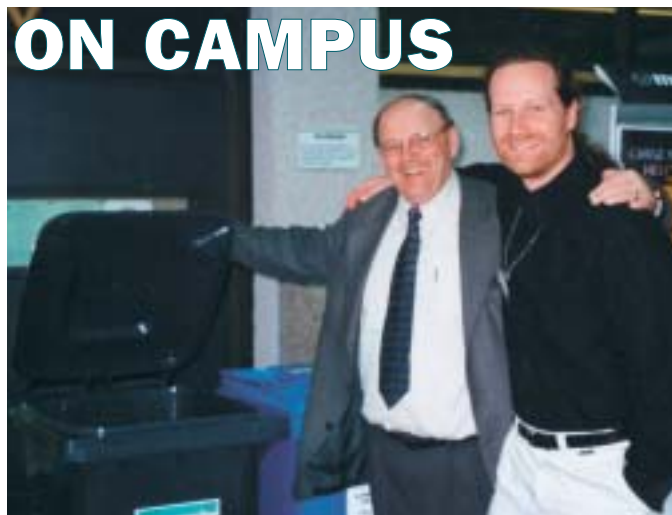


Nick Pizzi

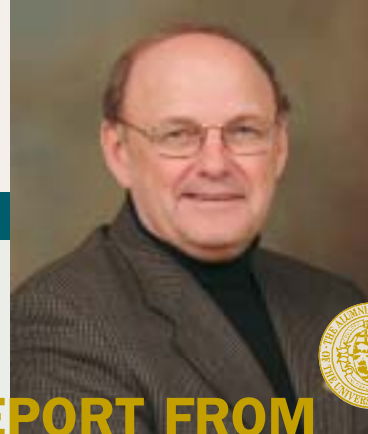


Rowland Forster

SUPPORTING RECYCLING ON CAMPUS



Standing beside one of twelve Alumni-sponsored recycling bins are Jim Raftis, Alumni Association President, and Rob Altemeyer (BA(Adv)/92, MNRM/98), Waste Prevention Coordinator.



REPORT FROM THE PRESIDENT

I look forward to the upcoming year and Leona has set a high standard as an exemplary President.

I am proud that one of my first acts as President was renewing the Alumni Association's agreement with the University for another three years, continuing the historic agreement signed with the University in 1999. I credit the work of the former President, Leona Herzog, the members of her renewal committee, University President Emőke Szathmáry, Elaine Goldie, and others at the University for their diligence and dedication to bring this agreement to fruition. This agreement will ensure, among other items, that every graduate is a member of the Alumni Association without a membership fee and that all alumni will receive the *On Manitoba* magazine three times a year.

I am also proud to be President during the 125th anniversary year of the University of Manitoba. As an alumni of the University and with our family involvement consisting of two graduates and a son currently attending my alma mater, I am a believer in the value of a post-secondary education, of continuing education, and of the importance of working with its communities at home and beyond.

I also look forward to meeting with alumni at events over the next year and hearing about your experiences at our University.

JIM RAFTIS, MPAdm/91

LOS ANGELES ALUMNI EVENT



Photo (l-r): Jim Raftis, Emőke Szathmáry and Colin Robertson.

Over 100 alumni and family members from southern California attended a barbeque and reception in Los Angeles on June 8, 2002. Colin Robertson (BA(Hons)/76), Canadian Consul General, and his wife Maureen Boyd, hosted the event at their official residence. Emőke Szathmáry, University President, Jim Raftis (MPAdm/91), Alumni Association President, and Elaine Goldie, Vice-President (External), were there to meet alumni and share the latest news from the University.



NEW WEB SITE

This summer your Alumni Association is launching its new web site. Check it out at www.umanitoba.ca/alumni for more information and services than ever!

HOMECOMING 2001 RECEIVES AWARD



Earlier this year, Homecoming 2001 was awarded a silver medal in the CASE (Council for the Advancement and Support of Education) District VIII awards in the Alumni Relations Category.

NEVER FAR FROM HOME

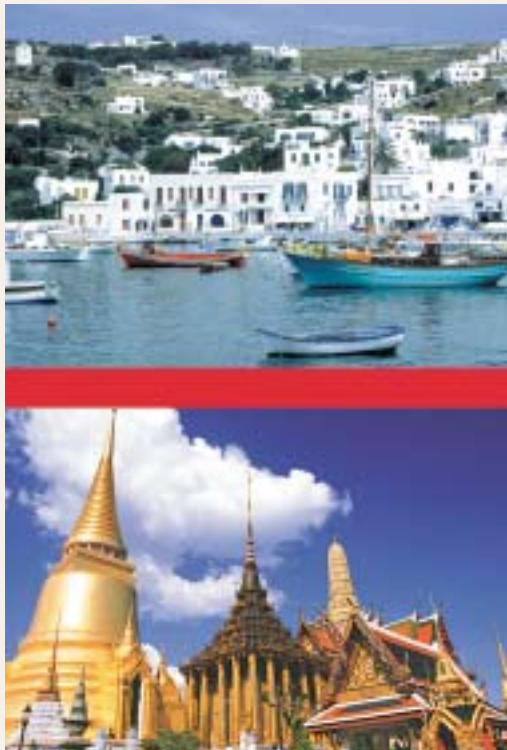
On March 15, 2002, the Alumni Association and the University co-hosted a tea in Victoria, BC at the Olde England Inn for alumni in the surrounding area. Pictured at the event with attendees are **Leona Herzog**, Alumni Association President, and **Emőke Szathmáry**, University President (front row far right and second from far right).

The event was well received. In an e-mail after the event, attendees **Leonard** (BA/91) and **Diana Jenks** (BA/89) wrote, "It was a real pleasure for both of us to meet with the group from the University of Manitoba. The opportunity to meet with old and new friends was much appreciated, and, of course, the tea and 'goodies' were most enjoyable. Good luck with your mission. We look forward to your next visit to Victoria."



Upcoming events are planned for Calgary and Minneapolis later this year. For more information, please contact Sarah Zulfi, Special Events Coordinator, at (204) 474-8932, toll-free in Canada, 1 800 668-4908, or by e-mail, Sarah_Zulfi@umanitoba.ca.

GREAT EXPLORATIONS



WISHING YOU WERE HERE?

Graduates of the University of Manitoba, University of Winnipeg, and Brandon University are invited to travel with the *All-Manitoba Alumni Travel Group* to explore the world.

To find out more about 2003 spring and fall tours to Europe, check out our new web site at www.umanitoba.ca/alumni or call (204) 474-8932, toll-free in Canada, 1 800 668-4908 for more information on destinations, pricing, itineraries or download a reservation form.



Dieter Schönwetter

A LITTLE SUPPORT GOES A LONG WAY

Over the past several years, the Alumni Association has supported graduate students by providing travel grants through the Alumni Fund, enabling students to attend

and participate in conferences. One past recipient, **Dieter Schönwetter** (BA(Hons)/87, MA/89, PhD/96), credits Alumni support for shaping his academic career. In 1993, as a doctoral student Dieter was encouraged by his advisor, Raymond Perry, to attend the American Educational Research Association (AERA) conference in Atlanta. It was Perry who informed Dieter of funding available from the Alumni Fund, as well as providing some funding from his own research grant.

As fate unfolded, attending the conference in Atlanta proved pivotal to Dieter's academic career. There, he presented two papers on his area of interest, university student achievement and quality of instruction. But more importantly, it was in Atlanta that he was able to meet academic scholars that provided focus to his career. While attending breakout sessions, he met Harry

Murray from the University of Western Ontario, who later became a member of his dissertation committee.

Dieter also met William McKeachie from the University of Michigan, a pioneer in the field of teaching and who many university instructors are familiar with through his handbook, "McKeachie Teaching Tips". McKeachie provided invaluable encouragement to the young academic and, coincidentally, presented Dieter with the AERA's Robert J. Menges Young Researcher Award in 1997. "I am indebted to the Alumni Association for believing in graduate students and for helping provide the opportunity for me to attend that conference nine years ago that has changed my life," says Dieter.

Currently, Dieter is Associate Director at the University Teaching Services (UTS) at the University of Manitoba, where he continues to conduct research and provide workshops for young academics on campus.

Last year, the Alumni Fund dispersed more than \$35,000 to graduate students. For more information, please call the Alumni Association or check out the web site, "www.umanitoba.ca/alumni."

RUSS MEDVEDEV, MA/95

MARSHALL MCLUHAN, MARGARET LAURENCE & MONTY HALL

Just some of the fellow alumni you'll meet in this full-colour history of our university. Anecdotes, memorabilia, and more than 200 photos bring alive 125 years of U of M history. Available in bookstores, or through the Alumni Association.

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VISIT OUR WEBSITE AT [HTTP://www.umanitoba.ca/alumni](http://www.umanitoba.ca/alumni)



The Alumni Representative

to the Board of Governors...

...helps shape the future of your University.

THE UNIVERSITY OF MANITOBA BOARD OF GOVERNORS

The Board of Governors is comprised of 23 members including: 12 members appointed by the Lieutenant-Governor-In-Council, of whom three must be students of the University; three members elected by the Senate of the University; three students of the University appointed by the University of Manitoba Students' Union (UMSU); three alumni elected by graduates through the Alumni Association's annual election process; the Chancellor; and the President of the University. Members serve for a three year term and may be appointed or re-elected for two additional terms, with the exception of the student members, whether appointed by the Lieutenant-Governor-In-Council or by UMSU, whose terms are one year.

ALUMNI ASSOCIATION REPRESENTATION

The three alumni representatives on the current board are Wayne Anderson (BSA/63, MBA/68) (term expires in 2004), Ian C.P. Smith (BSc(Hons)/61, MSc/62) (term expires in 2003), and Wendi Thiessen (BComm(Hons)/88). Each representative serves for a three year term. Wendi Thiessen's term expires in 2002 and she is not seeking re-election. The Alumni Association posted a call for nominations.

EVERY VOTE COUNTS

Select one (1) candidate of your choice and submit your selection no later than 4:30 p.m., Friday, September 27.

HOW TO VOTE:

- You are eligible to vote as a graduate of the University of Manitoba. Each graduate is entitled to only one (1) vote.
- **Your ballot will be received up to but no later than the close of business day on Friday, September 27.**
- Please don't forget to note your alumni number, which can be found on the mailing label of your *On Manitoba* magazine. If more than one graduate resides at your residence, you can photocopy the blank ballot and submit to the Alumni Association.
- Ballots will be counted at the Alumni Association on October 1, 2002 and results will be forwarded to the candidates and to the University Secretary.
- Results of the election will appear on the Alumni Association web site and in the December 2002 issue of *On Manitoba*.

THERE ARE THREE WAYS TO RETURN YOUR BALLOT:

1. You can vote in person, by bringing your ballot in a sealed envelope to Alumni House, located on the Fort Garry campus at 180 Dafoe Road. Hours are Monday to Friday, 8:30 a.m. to 4:30 p.m.
2. You can vote by mail, returning the ballot to: Board of Governors Election c/o Alumni Association, 180 Dafoe Road, Winnipeg MB R3T 2N2
3. You can vote by facsimile, sending your ballot to 1-204-474-7531.

Martin Green, BSc(EE)/82, MSc/92



Following graduation, Marty worked as a project engineer for AECL, a mechanical engineer in a paper mill, and as a lab technician in the University of Manitoba Civil Engineering department. During those years, while completing his Master of Science degree, he began to form his views about the post-secondary experience. "I had always felt that something very important was missing." As a graduate student, he saw how important it was for professors to maintain a hectic pace of research publication, and how their interest in teaching sometimes took a back seat.

From his experience, Marty also believes that a wide gap exists between the content of undergraduate courses and actual practise in industry. He feels that as long as the University continues to focus its public efforts on simplistic solutions such as increased funding these real problems will never be addressed.

Marty is best known to Winnipeggers as the host of Cable 11's *Math with Marty*, which became a "cult classic" in the early 90s. Since 1995, he has been self-employed as Director of Benchmark Testware. His products include a series of pre-employment tests for skilled workers, which he sells to companies in Canada and the United States. Recently, he published a two-volume translation of *On Foreign Soil*, the Yiddish memoir of a young Jew growing up in pre-Revolutionary Russia. An avid pianist, Marty can often be heard playing on the local nightclub circuit. He is married with three children.

THE BIOGRAPHIES AND PHOTOS WERE SUBMITTED BY THE CANDIDATES FOR PUBLICATION. ANY STATEMENTS OR OPINIONS CONTAINED THEREIN ARE NOT NECESSARILY THOSE OF THE ALUMNI ASSOCIATION OR THE UNIVERSITY OF MANITOBA.

Douglas G. Ward, Q.C., LLB/69



Doug graduated from Carleton University with a Bachelor of Arts degree in Political Science in 1966. He attended law school at the University of Manitoba, graduating in 1969.

Doug was called to the Bar of the Province of Manitoba in 1970. Since then, he has practiced almost exclusively in the area of Commercial Litigation, which includes builders lien law and insolvency law. He has delivered many lectures on these areas in Manitoba and elsewhere. He is a sessional lecturer to both The Law Society of Manitoba and the Bar Admission Course of the Province of Manitoba on "Trial Advocacy" and "The Art of Cross-Examination." Doug is a founding member of the Hecla Island Advocacy College, which provides intensive advocacy training to young lawyers.

Doug was elected a Bencher of The Law Society of Manitoba for eight consecutive years following which, in 1994, he was made a Life Bencher. He is also a charter member of The Insolvency Institute of Canada. In 1997, he was appointed a Queen's Council.

In addition to these activities, Doug is currently the Honorary President of the Boy Scouts of Manitoba. He also served as a member of the University of Manitoba Board of Governors from 1998 to 2001 when he served on many committees including Chair of the Finance and Administration committee.

Not only does Doug carry on the full-time practice of law but he is also the Managing Partner of Pitblado, a 58-member law firm located in Winnipeg.

BALLOT



**ELECTION BY THE GRADUATES OF A MEMBER
TO THE BOARD OF GOVERNORS 2002-2005**

ALL UNIVERSITY OF MANITOBA GRADUATES MAY VOTE.

My alumni number is _____

(found on mailing label of this magazine)

Ballot to be received up to but no later than the close of business day on Friday, September 27.

PLEASE VOTE FOR ONE ONLY

- Green, Martin
- Ward, Douglas G.

HOME COMING 2002

125 Reasons to Come Home

In 1988, the Alumni Association revived a tradition of “homecoming” on our campus and the Editor’s Page of *The Journal* that year records that a group of alumni “selected by dinner chair and Alumni Association President, Janice Filmon (BScHc/63), lit sparklers and sang On Manitoba” at the first Homecoming Banquet. Since then, Homecoming has grown from a one-day program of a handful of events to a four-day celebration of alumni and our institution. This year, the Homecoming planning committee will return to its roots and banquet guests can join our current President and Board of Directors members in singing our school song.

The key feature of any Homecoming, also known as “reunion weekend” on campuses across North America, are class reunions where friendships and memories made years ago are renewed. **Cam Brown**, (BSA/52) organizer for the Agriculture Reunion of 1952 says that he is “looking forward to seeing the people I went to school with and talking about old times. All of



us had different lives and experiences but we shared a common experience; the University. The 125th is a life marker for us and having our reunion at Homecoming means that we will see folks from Engineering, Home Ec. and Commerce too, and these are the people that we got to know and that we played sports with and socialized with fifty years ago.”

Graduates who must travel to attend Homecoming seek these same connections and also want to visit familiar sites in Winnipeg. Engineering 1952 class reunion organizer, **Vern Bates** (BSc(EE)/52), will be travelling from London, Ontario and is “really looking forward to the whole Homecoming weekend, renewing old acquaintances, revisiting both the campus to see all the changes that have taken places and to tour familiar places in the city”.

We hope that you will join your classmates in celebrating the 125 Reasons to Come Home to your alma mater.

SANDRA WOLOSCHUK (BA/91, ContEd/99)

REUNIONS OUR #1 REASON TO COME HOME TO HOMECOMING 2002 THE FOLLOWING CLASSES ARE PLANNING REUNION EVENTS DURING HOMECOMING WEEKEND.*

AGRICULTURE (all), '52, **AGRICULTURE (DEGREE PROGRAM)** '62 and **AGRICULTURE (DEGREE PROGRAM)** '67 **ARCHITECTURE** '52 **ARTS**, '52 • **COMMERCE**, '52 • **DENTISTRY**, '62 • **ENGINEERING**, classes of '42 & '52 **GEOLOGICAL SCIENCE (HONS)** '52 **HOME ECONOMICS**, classes of '52 & '77 • **LAW**, '52 • **MEDICINE**, '52 • **SCIENCE**, '52 • **SOCIAL WORK**, '52

THESE CLASSES HAVE ORGANIZED SPECIAL ACTIVITIES SUCH AS GUIDED CAMPUS TOURS, GROUP LUNCHESES, GOLF GAMES AND CLASS MEMBER DINNERS AND RECEPTIONS. MANY REUNION CLASSES ARE BEING HONOURED AT RECEPTIONS HOSTED BY THE CURRENT DEAN OF THEIR FACULTIES. *THE REUNIONS LISTED WERE CONFIRMED AT THE TIME OF PRINTING.



Special Events of Homecoming

HOME COMING BANQUET

Saturday, September 21, Reception at 5:30, Dinner at 6:30
 THE VICTORIA INN (formerly the International Inn)
 This special evening of reminiscing includes live entertainment and all banquet guests receive a commemorative gift in honour of the Alumni Association's 15th Annual Homecoming and the University's 125th Birthday.

125TH ANNIVERSARY ARCHIVAL DISPLAY

ASSINIBOINE PARK CONSERVATORY
Thursday, September 19 to Saturday September 21,
 9:00 a.m. to 4:30 p.m.

SCHOOL OF MUSIC GALA FACULTY RECITAL

EVA CLARE RECITAL HALL
Thursday, September 19, 8:00 p.m.

THE SCHOOL OF ART, GALLERY ONE. ONE. ONE.

FITZGERALD BUILDING
 Dominique Rey Exhibition
Thursday and Friday, September 19 and 20, noon to 4:00 p.m.

FREE, GUIDED CAMPUS WALKING TOURS

Friday, September 20th at 10:00 a.m. and again at 2:00 p.m.

THE FACULTY OF ARTS

Friday September 20 at 11:30 a.m. to 1:30 p.m.
 Arts Celebrating Arts – fellowship and music under the tent on the Quad

CONTACT US : FOR INFORMATION ON ANY HOME COMING EVENTS, CLASS REUNION ACTIVITIES, FACULTY RECEPTIONS, CAMPUS DIRECTIONS AND PARKING OR TO PURCHASE BANQUET TICKETS, CALL THE HOME COMING HOTLINE AT (204) 474-9946 OR 1 800 668-4908 (TOLL FREE IN CANADA) OR VISIT OUR WEBSITE AT WWW.UMANITOBA.CA/ALUMNI.

THE SCHOOL OF MEDICAL REHABILITATION 40TH ANNIVERSARY CELEBRATIONS

THE BRODIE CENTRE ATRIUM
Friday, September 20, beginning at 6:00 p.m.

GENSER PRIZE ANNIVERSARY CONCERT

EVA CLARE RECITAL HALL
Friday, September 20, 8:00 p.m.

THE ISBISTER LEGACY SOCIETY TEA

BEAUSEJOUR ROOM
Saturday, September 21, 2:00 p.m.

A special afternoon to honour donors who have made future gift commitments to the University, featuring a performance by the University Singers.

ST. PAUL'S COLLEGE, CHRIST THE KING CHAPEL

Sunday, September 22, 11:00 a.m.
 OPENING MASS OF THE HOLY SPIRIT

THE PRESIDENT'S LUNCH

THE UNIVERSITY CLUB **Sunday, September 22, noon**
 Special invitations have been mailed to members of the classes of 1932 and 1942 to dine with University of Manitoba President, Emőke Szathmáry and Alumni Association President, Jim Raftis.

THE COLLEGE CHAPEL OF ST. JOHN THE EVANGELIST

Sunday, September 22 at 2:30 p.m.
 Community Reception.



CONVOCATION 2002

The 123rd annual convocation was held at the end of May; four ceremonies were held in the Investors Group Athletic Centre, and one session was held at the St. Boniface Cathedral for graduates of Collège universitaire de Saint-Boniface.

Honorary degrees were awarded to the following: **Jeffrey Simpson**, national affairs columnist for the *Globe and*

Mail, who is also author of six books. In 2000 he was appointed an Officer of the Order of Canada in recognition of this contribution to excellence in journalism. **Adrienne Clarkson**, Canada's 26th Governor General, who has influenced the national cultural scene as an award-winning journalist, writer and producer of television public affairs programs, publisher, and public servant. **Murray Sinclair** (LLB/79), Justice of the Court of Queen's Bench in Manitoba and the first judge of Aboriginal descent in Manitoba and the second in Canada. **Gerald Niznick** (DMD/66), dentist, innovator, and entrepreneur who is considered by many within his profession as the father of modern implant dentistry. He patented and marketed his own implant design that is now used worldwide. **Raymond Breton** (BA/52), sociologist, is recognized as an authority on the diversity in Canadian society.

The Curry Chancellor's award was presented to **Kenneth Thorlakson** (MD/49), who played a leading role in the Icelandic development campaign.

The Dr. and Mrs. H.H. Saunderson Award for excellence in teaching was presented to **Marcella Eaton** (BES/82, PhD), Architecture, **Carla Taylor** (BHEcol/84, PhD), Human Nutritional Sciences. The Olive Beatrice Stanton Award for excellence in teaching was presented to **Peter Bailey**, History.

Joseph Du, a Winnipeg physician, and **John Dafoe** (BA/52), a writer, were presented with the Board of Governors Distinguished Service Award.

CANADA POST UNVEILS STAMP HONOURING 125TH ANNIVERSARY

Pictured at the unveiling ceremony of the artwork on campus on February 11 are: **Pam LeBoldus** (BA/63) **Vivian Albo** (BA/77, CertEd/78, BComm(Hons)/82), Canada Post Board of Directors Chair, and **Jim Raftis** (MPAdm/91), Alumni Association President.

CAMPUS PROJECTS

The University of Manitoba is on the edge of a building boom that's going to add new buildings and give some of the older buildings a new lease on life. The workload is due to the *Building on Strengths: Campaign* for the University of Manitoba and a series of other projects.

New construction includes a residence, two buildings in the SMARTpark area on the west edge of the campus, an expansion to the Cangene building in SMARTpark, an expansion of the Agricultural Engineering Building; demolition and replacement of the Engineering 2 to make way for the Engineering and Information Technology Complex. Renovation projects will focus on disability access, roofs, windows, foundations, and classroom facilities.



REPORT FROM THE PRESIDENT

SURVEY SHOWS POSITIVE VIEW

2001 RH AWARD WINNERS

Winnipeg feels good about the University of Manitoba and there are numbers to prove it. A public affairs department survey was conducted last fall using two different methods to get its results – 193 young people ages 15–18 were surveyed at Winnipeg’s north and south Cinema City locations and 163 members of the public were surveyed with the help of the private funding call centre.

When asked for an overall impression of the University of Manitoba 91.5 per cent of the prospective students surveyed gave it positive marks compared to an equally impressive 84 per cent from the general public. More than half, or 51 per cent, of the teenagers surveyed said they would likely attend the University of Manitoba in the future.

92.4 per cent of the general public surveyed said they would recommend the University of Manitoba to prospective students and 87 per cent felt its reputation is average to excellent when compared to other universities. Nearly 75 per cent of the public also felt the university provides a useful service to the community.

This awareness can be traced, in part, to a recent aggressive marketing campaign, says **Chantale Harrison** (BA/00), marketing coordinator at public affairs. Last year, the University conducted a successful billboard campaign. This year, the effort continues with radio ads, bus benches, slide shows at theatres, and television micro-series showcasing University achievements.

Six University researchers were chosen as recipients of the 2002 Rh Awards. This year’s recipients were: **Joe LoVetri**, Electrical and Computer Engineering, a researcher in electromagnetic compatibility; **Peter Rasmussen**, Civil and Geological Engineering, a water resources engineer recognized for his expertise in time series analysis of hydrometric and hydroclimatic records; **Spencer Gibson**, Biochemistry and Medical Genetics, a researcher in apoptosis or programmed cell death; **Peter Nickerson** (MD/86, BSc(Med)/86), Internal Medicine and Immunology, a specialist in kidney transplantation; **Mark Lawall**, Classics, whose expertise extends from the northern Aegean in the sixth century B.C. to southern Egypt in the fifth century A.D.; and **Adele Perry**, History, one of Canada’s leading historians whose research has examined how colonial British Columbia developed a distinctive racial and gender character that challenged respectable Victorian culture.

WORLD CHAMPIONS

Three out of the four members 2002 World Junior Curling team are University of Manitoba students. **David Hamblin** and his younger brother, and team second, **Kevin Hamblin** are both students in Agricultural and Food Sciences while third **Ross Derksen** is in Physical Education. Lead **Ross McCannel** is at the University of Winnipeg.

For the past three years, all graduates of the University of Manitoba have been receiving their copies of the *Alumni Journal* three times a year – a frequency that has fostered renewal and reinvigoration of ties with their alma mater. This issue of the journal is the first with its new name: *On Manitoba*. From this day forward, from Altona to Zagreb, Arborg to Zimbabwe and all places north to south, east to west and in between, when your journal arrives, *On Manitoba* will conjure up images of our province and the proud institution that bears her name.

What better way to remember the days of your youth than dreaming of long Manitoba days under endless blue skies, soft summer breezes – and perhaps just a touch of winter snow. Years later you know that however cold it may have been, it was insignificant in comparison to the warmth of the friendships you formed in your student days.

The new title of the alumni magazine is taken from the Students’ Union theme song, “The Brown and Gold”. In the celebrations surrounding our University’s 125th anniversary, grads from the ‘40s, ‘50s and ‘60s spontaneously joined the University Singers in song, expressing the passion and enthusiasm they still feel for their alma mater. Even first year students, new professors and support staff have given voice to soaring choruses of “On Manitoba, glory now unfold...” We love this place, and believe in its guiding principle, which has affirmed since our University’s beginning that, learning is for all, knowledge is for all, and our advances in science and scholarship make our world a better place.

Best wishes for *On Manitoba*, as it continues to weave us together seamlessly. May it always remind us that Manitoba’s University continues to prepare students for lives worth living, to live lives of meaning.

EMŐKE J.E. SZATHMÁRY



“Welcome from One Freshman to Another”

President Saunderson and family in 1954 freshie parade.

This is the third of four excerpts from Jack Bumsted’s *University of Manitoba: An Illustrated History*. The University President throughout most of the 1950s and 1960s was Hugh Saunderson, a U of M alumnus who had previously been Dean of Arts and Sciences. Saunderson’s reaction to an incident at the start of his 16-year-long tenure reflected the tone he would set for much of the next two decades:

“At Saunderson’s formal installation, four young men entered the hall after his address with stockings over their faces, one leading a chicken. The leader of the intruding party

welcomed Saunderson with student ‘demands,’ including one that the water fountains would run with beer and another that students be paid. The chicken broke loose and fluttered onto the laps of some of the platform committee. Saunderson wisely viewed the incident as an example of student hijinks and, to the dismay of some of his colleagues, did not punish the students. Saunderson displayed a similar easygoing manner in his message to new students that year, which he entitled “Welcome from One Freshman to Another.”

A REASON TO BE PROUD

Do You Know A Great Grad? If so, the University would like to hear from you. As part of the 125th anniversary celebration, the University of Manitoba is launching a new program to recognize our outstanding alumni. We invite you to take part. We are looking for names of “Great Grads” through 125 years—people who have made a difference or who have been leaders in the arts, the humanities, science, technology, medicine, or in their community. For more information or to submit your nominations for consideration, please contact Sarah Zulfi, Special Events Coordinator, at (204) 474-8932, toll free in Canada, 1 800 668-4908, or by e-mail at Sarah_Zulfi@umanitoba.ca.

ENGINEERING SEEKING OLD BOOKS

The Faculty of Engineering is holding a book drive to improve their design library. Leave your legacy by donating old texts, reference, and other engineering books. Your books will be used in one of three ways: as part of the University Engineering library; shipped to third world countries to universities for their libraries; or possibly sold at a University book sale with proceeds supporting the Engineering library.

For more information, please call M.G. (Ron) Britton at (204) 474-6059 or you can drop them off at the Engineering Library. Please note that you can also bring your books at Homecoming in September when a special ceremony will be held in Room 229 before the building is slated for demolition in February 2003.

Show Your Pride!

DISPLAY IT IN AN OFFICIAL UNIVERSITY OF MANITOBA DEGREE FRAME

Your degree and graduation photos are symbols of your academic achievement. You've earned them through years of hard work.

Now you can display those achievements with elegance. Your Alumni Association carries an exclusive line of complete framing kits. Every kit includes a custom mat embossed with the official gold-stamped crest of the University of Manitoba, complemented by the rich wood finish or gold polish of the frame.

You'll appreciate how easy it is to assemble your frame. These sturdy, Canadian-made frames were specially designed to dress up your degree or photos in seconds - without the use of any tools!

Proceeds from frame sales help support the important events and activities of the Alumni Association of the University of Manitoba, which is a not-for-profit organization.

Pick up your frame at Alumni House and save on shipping costs! Or, complete this order form and mail/fax it to us today.

YES! Ship my frame package(s) right away!

SIZE	QUANTITY	DESCRIPTION	PRICE	TOTAL
12" x 15" DEGREE	_____	Gold Degree Frame (Brown Mat)	\$ 50.00	_____
	_____	Dark Wood Degree Frame (Brown + Gold Mat)	\$ 65.00	_____
	_____	Deluxe Rosewood Degree Frame* (Ivory Mat)	\$ 125.00	_____
8" x 10" PHOTO	_____	Gold Photo Frame (Brown Mat)	\$ 40.00	_____
	_____	Dark Wood Photo Frame (Brown Mat)	\$ 45.00	_____
	_____	Deluxe Rosewood Photo Frame (Ivory Mat)	\$ 65.00	_____
5" x 7" PHOTO	_____	Gold Photo Frame (Brown Mat)	\$ 30.00	_____
	_____	Dark Wood Photo Frame (Brown Mat)	\$ 35.00	_____
	_____	Deluxe Rosewood Photo Frame (Ivory Mat)	\$ 55.00	_____
Sub-total			\$ _____	
\$8.50 Shipping (per frame) x _____			= \$ _____	
Handling			\$ _____	5.00
TOTAL**			\$ _____	

*The deluxe rosewood degree frame is triple-matted (example on facing page). Mats cannot be sold separately. Green mats for College Universitaire de Saint-Boniface degrees are available upon request.

**Prices include taxes where applicable. Please allow four to six weeks for delivery outside Winnipeg. GST #R12302073

- My cheque is enclosed (payable to "Alumni Association")
 Bill my Visa card.
 Bill my MasterCard.

Account # _____ Expiry Date _____

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 180 Dafoe Road Winnipeg, Manitoba R3T 2N2
 Tel: 204-474-9946 / 1-800-658-4908 Fax: 204-474-7531
 HTTP://www.umanitoba.ca/alumni



AT HOME WITH THE GENOME

RON BEAVIS (BSC(HONS)/81, PHD/87) IS PERFECTLY AT HOME with research related to the human genome. After a decade in Manhattan, he is also glad to be back home, in Winnipeg, running Genomic Solutions (Canada) Inc., a business based on genomics research.

Genes carry the instructions for making all our tissues, organs, hormones, and enzymes. These genes are made up of DNA, recorded as the human genome, arranged in over three billion combinations or sequences. Genomics studies which specific genes produce which specific proteins to perform different functions.

Genomic Solutions (Canada) Inc. provides software to interpret data from mass spectrometers, the machines researchers use to analyse the molecules of the proteins. The information is used to identify which genes are important in developing drugs

“We develop the software according to what our clients need, we help them to use the software, and also help them to interpret their data.”

that can be used to combat disease, prevent ailments, and other purposes. As technology advances, these drugs can be developed much faster and at half the previous cost. “We can even look forward to personalized medicine – getting the right drug in the right dosage, working efficiently and with as few side effects as possible,” says Beavis.

“We develop the software according to what our clients need, we help them to use the software, and also help them to interpret their data,” says Beavis. Client companies, including major international pharmaceutical companies, are interested in drugs to treat diseases associated with aging, such as arthritis, Alzheimer’s, and Parkinson’s. He also has a grant from the Canadian Institutes of Health Research to do Bioinformatics research pertaining to inflammatory diseases of the joints, kidney transplants, and virology.

After receiving his PhD in Physics in 1987, Beavis spent the next 12 years teaching and researching in Germany, the United States, and elsewhere in Canada before returning to Winnipeg.

His experience at the University helped to prepare him for his endeavours. “I had a great graduate supervisor, Ken



Ron Beavis

Standing, (now Professor Emeritus), who had specialized knowledge of mass spectrometers,” recalls Beavis. “Several colleagues from those days still keep in touch.”

When speaking at conferences he encounters some of the same presenters, who often become “serial friends.” One such friend is Scott Patterson, Senior Director of Proteomics at Celera Genomics, the noted drug discovery company in Rockville, Maryland. In fact, both gentlemen spoke at last year’s Research Days symposium in Winnipeg. Patterson is excited about developments, noting that, “being able to pursue experiments to continue to shed new light through analysis of your own data as well as integrating the results of others is incredibly rewarding both individually and as part of the scientific community.”

“A company with such a large research budget (as Celera) sent its senior director to speak here because of the high quality of research being done in Manitoba,” affirms Beavis.

Genomic Solutions (Canada) Inc. has nine employees and is located in Winnipeg’s Exchange District. “I could have set up anywhere but my wife and I have our families here and there’s an available pool of talented employees,” says Beavis.

LYNN JAWORSKI (CertEd/72)

PROTOTYPING + RAPIDLY

ADDITION IS A SIMPLE PRINCIPLE. ONE PLUS ONE EQUALS TWO. Yet that simple concept of addition has the potential to revolutionize the way Western Canadian manufacturers design and produce their products. Addition is the principle behind the groundbreaking research in prototyping of **Gary Wang**, Mechanical and Industrial Engineering.

“Traditionally, when manufacturers want to create a prototype for a design, they start with a block of wood or metal, then they start subtracting material until they get the design they want,” Wang explains. But with the method he is researching, manufacturers create prototypes by adding material – a computer-guided laser shapes and hardens a liquid resin in layers as small as two thousandths of an inch thick. In an average of 20 to 30 hours, the rapid prototyping machine can take any computer aided design (CAD) file and produce a precision prototype.

“Because we are adding rather than subtracting material, there are no limitations in terms of design,” Wang says.

It also reduces the time required to produce the prototype because it eliminates the intermediate steps that traditional methods require, such as hand-carved wooden patterns that can take months to create. “This process goes directly from design to manufacturing, so a manufacturer now can take a design and have the finished prototype in a customer’s hands overnight,” Wang says.

The initial applications for the technology are for the production of tools, patterns, casting and injection molds. Research with this state-of-the-art technology will give Manitoba industries the opportunity to dramatically improve their design and manufacturing practices. The research stems from a successful application to the Canada Foundation for

Innovation’s New Opportunities (CFI) program, and \$200,000 in matching funds from the province’s Manitoba Innovations Fund. The equipment is the most accurate rapid prototyping system in the world, the only one of its kind in western Canada and one of the fastest and most accurate in the country.

Wang explains that although the forming chamber measures 13.7" by 13.7" by 15.8" there is no limit to the size of model it can produce. The resin pieces can be glued together to create a seamless join, which can yield prototypes of any size and configuration.

The rapid prototyping research falls into four main areas – design optimization, process optimization, new manufacturing methods and multiple material design.

“Design optimization and process optimization are in place right now,” says Wang. Because the prototyping system shortens the time required for feedback, a company can test many different designs for a product and choose the one that works the best.

Process optimization looks at a company’s overall manufacturing approach and finds the best strategies for making patterns, producing molds, and creating the finished product. With all their information digitized, businesses will be better equipped to streamline overall strategies and become more competitive.

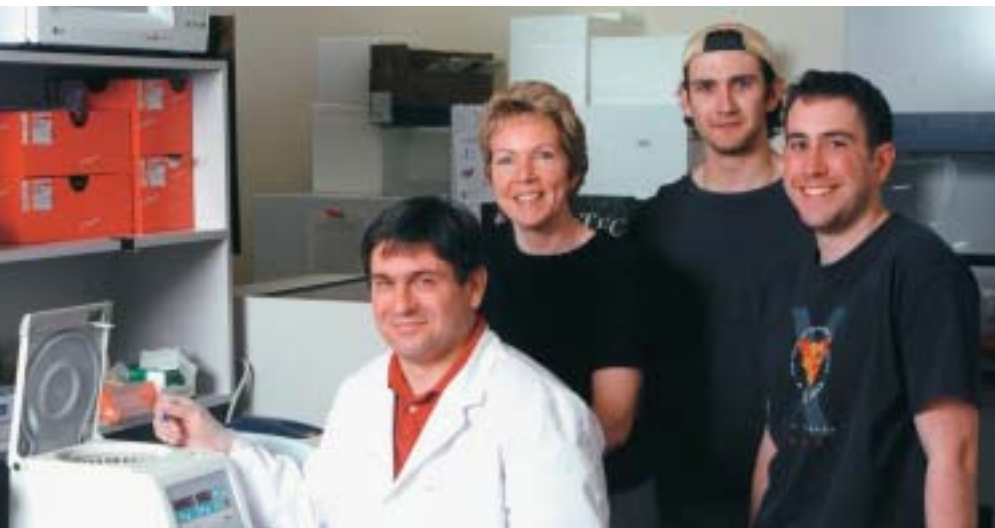
Research on new manufacturing methods, when the research gets up and running, will look at developing the best combination of adding material and subtracting material to produce the most accurate pieces.

The fourth area is design that mixes processes and materials. “The best design we have is the human body,” says Wang. “The human hand is a mixture of materials that combines strength and flexibility. But that’s looking at the long term.”

WAYNE DRURY

Gary Wang, project colleague Subramaniam Balakrishnan, and Paul Krueger, technician





IMPROVING THE HEALTH OF BABIES

Bill Diehl-Jones (MSc/87, PhD/91), Nursing, gets his research drive from the little things in life – babies. But it’s a field he came to by circumstance.

With doctoral and postdoctoral training in cell biology, Diehl-Jones was researching and teaching at the University of Waterloo. However, his perspective changed profoundly in 1995 when his daughter died. “I was struck by the tremendous humanity and competency of the nurses caring

for my family, and I decided that being a nurse would be a powerful, meaningful experience,” he explains. “So I went back to school.”

After receiving a nursing degree, he pursued a career in a neonatal intensive care unit but soon found that he needed to add research into his work. I saw clinical nursing issues where I felt I could apply my basic science background,” he says. “I am a ‘baby’ nurse who happens to be a cell biologist, and

I felt that there were questions originating at the bedside that could perhaps be answered at the research bench.”

A cell and molecular physiology lab has recently been constructed in the Faculty of Nursing, where Diehl-Jones and his collaborators are involved in two projects. The first, with **Deb Askin** (BN/81, MN/89), Nursing, involves optimizing clinical protocols for human breast milk additives. This research may help to minimize complications such as necrotizing enterocolitis, a serious inflammatory condition affecting the bowel of premature infants.

In a second project, Diehl-Jones is developing biomarkers for detecting polycyclic aromatic hydrocarbons (PAHs) in human breast milk. The rising prevalence of PAHs in human breast milk is of concern for both mother and baby.

Currently residing in Winnipeg, Diehl-Jones and his wife (also a PhD-trained Manitoba graduate) are parents to two children.

Photo: Bill Diehl-Jones, seated, in his lab with (l-r), Deb Askin, Ben Wiebe, research assistant, and John Brubacher, research technician. Missing is Janine Peters (MSc/85, MSc/99), research assistant.

EXPLORING ZINC’S ABILITY TO PREVENT DISEASE

Although science knows that zinc plays a vital role in the functioning of the body’s immune system, it does not know exactly how zinc behaves at the molecular and cellular level. This is the question that **Carla Taylor** (BHEcol/84, PhD), Human Nutritional Sciences, is attempting to answer with the help of a four-year, \$105,000 Natural Sciences and Engineering Research Council (NSERC) grant.

Specifically, Taylor is exploring the effects of zinc depletion and repletion on the development of t-cells and the activation of proteins essential to combating infection. While zinc status is difficult to assess, her studies with immune cells and the small intestine indicate that a zinc deficient body responds quickly to being repleted.

“I’ve been researching zinc since I was a doctoral student at Guelph University and we’re making progress,” says Taylor. “Hopefully this research will help explain how zinc modulates the body’s response to early stages of infection and we can then develop nutritional strategies to assist in disease prevention and treatment.”



Carla Taylor



Adele Perry

REVEALING HOW OUR PAST SHAPES OUR FUTURE

Common belief holds we study our past to learn from our mistakes, but a University of Manitoba historian says our past has so much more to offer. “History can help us deal with questions about who we are and about the society we live in,” explains **Adele Perry**, History.

Through her research, Perry has examined gender, masculinity, race, and women’s experience within the imperial framework of colonial Canada. In particular, she has focused on nineteenth century British Columbia. “As a doctoral student at York University reading material about imperialism and gender in Asia and Africa, I discovered that a lot of it was applicable to western Canada in ways that had not been acknowledged before,” she says.

Perry has delved into how colonial British Columbia developed a distinctive racial and gender character that challenged respectable Victorian culture. She is interested in how colonial society decided who was “in” and who was “out” and the criteria used to make decisions. Her current research examines Canadian immigration policies and Aboriginal administration between 1896–1911.

Her first book, *On the Edge of Empire: Gender, Race, and the Making of British Columbia, 1849–1871*, was published last year. A second book she co-edited, *Rethinking Canada: The Promise of Women’s History*, was published this year.

A NEW LOOK AT FOREST MANAGEMENT

Mike Campbell (BA/80, MA/86, PhD), Physical Education and Recreation Studies, is involved in a unique research partnership between government, industry, and the university to develop an ecosite map and key for the province of Manitoba that will be used to manage the forest resources of the province in an integrated and sustainable manner.

“Students also appreciate how the material relates to what they learn in class.”

He is collaborating with Principal Investigator **Rick Baydack** (BSc(Hons)/75, MNRM/77), Natural Resources Institute, and **David Barber** (BPE/82, MNRM/89), Centre for Earth Observation Science (CEOS), who bring specific areas of expertise to the project.

“What’s unique about this project is its holistic approach that will change the way we think about forest management,” says Campbell. “For example, the ecosite map will provide a ‘living’ document that can be updated routinely to reflect changes as they happen.” From a recreation perspective, Campbell’s goal is to be able to identify critical habitat important for a diverse array of outdoor recreation activities to ensure that they are considered in forest management planning.

“Students also appreciate how the material relates to what they learn in class,” he says. “And by hiring research assistants several are able to gain practical experience.”

The project is funded by a three year \$288,000 grant from Natural Sciences and Engineering Research Council (NSERC)/Canadian Forest Service (CFS)/Social Sciences and Humanities



Mike Campbell

Research Council of Canada (SSHRC). Additional support is provided by the Sustainable Development Innovation Fund and industry partners: Tembec, Tolko, Louisiana Pacific, Ducks Unlimited, Manitoba Hydro, the Manitoba Model Forest, and Palliser Furniture.

AT THE FOREFRONT OF DEPRESSION RESEARCH



Brian Cox

THE STUDY OF DEPRESSION COULD LEAD THE UNIVERSITY of Manitoba to new heights.

Brian Cox, Psychiatry, feels that his team's research into depression and anxiety disorders has the University of Manitoba poised to become a major player in the field. Cox holds the only Canada Research Chair of its kind in the country, placing the University at the forefront of mental illness research.

"Depression and anxiety disorders are the most common mental health concerns in Canada," Cox says. "They may not be as dramatic as cancer or heart disease but the amount of disability associated with these conditions represents a tremendous economic cost to society." He stresses that depression is not simply the irritability and "transient mood states" that everyone experiences on a rainy day. "Depression and anxiety disorders are serious mental health concerns."

He estimates that depression directly affects one in ten Canadians. It is often a lifelong affliction that may begin in childhood or adolescence, and 50 percent of the people who suffer from depression get depressed again.

The research is aiming to identify the psychosocial factors and pre-existing personality traits, such as thinking styles or perfectionism, that may put people at risk for depression and anxiety disorders. The ultimate goal is early intervention and prevention. Cox and his team are looking at the interplay of several biological, psychological, and social (environmental) factors, then trying to shape the most effective type of early intervention.

The process can be very complex, however. "We know that genetic factors play a large part in personality, yet factors in the social environment such as stress can have a bearing on biology," he explains.

"As an adult clinical psychologist, I don't want to wait until someone is 25 before treating them. Dentists practice dental hygiene to prevent tooth problems; we want to practice mental hygiene to help people get well, stay well and prevent relapses," he says. To that end, Cox and his team are looking to develop educational packages to teach coping skills to young children, perhaps as early as kindergarten.

Cox is studying a range of populations fitting into four groups – general population trends, laboratory-based research, clinical studies, and children in the community.

General population information from public data sets provide a "big picture." The lab-based research involves university students in Arts and Medicine to track how environmental stressors, such as exams, affect perfectionistic individuals. Cox says that results so far show an "interplay between pre-existing personality type and external stressors that predict subsequent emotional distress" that warrants further study. The clinical studies follow inpatients and outpatients in psychiatric facilities over a period of a year. The pilot study involving children is still in the planning stages.

Cox's interest in his chosen field started with a study of panic attacks when he was still an undergraduate student. After doctoral study and specialty training, he came to the University of Manitoba in 1994. "It was a thrill to come back to Winnipeg, to have the opportunity to do pioneering research here, and to raise a family," he adds.

WAYNE DRURY

RAE BRIDGMAN RECALLS INTERVIEWING a 20-year-old who had already spent half his life on the street. He told her how, as a 12 year old, he once lived 10 days in a dog house. “The root of a situation can go far back into childhood,” says Bridgman, CityPlanning department, Faculty of Architecture. “Homeless people are not bums. They come to the street by many routes that can include abuse, mental health issues, and addiction.”

“She’s a sister, perhaps a mother, maybe a survivor of childhood abuse—most of all she’s a human being.”

While pursuing doctoral studies at York University, she became interested in housing issues and has devoted her life to studying the problem of



A VOICE FOR THE HOMELESS

homelessness. For periods of four to five years at a time, the mother of six has documented demonstration models aimed at alleviating homelessness for both men and women.

Bridgman describes her research as “long-term listening.” Her approach includes witnessing and participating in housing projects from conception to occupancy. In addition, she gathers perspectives from consultants, developers, staff and residents of the housing projects.

One of these experiences spawned the soon-to-be-released book, *The Crazy Quilt*, Bridgman’s story of a shelter for homeless women. “The quilt is a metaphor for stitching lives together and stitching funding together to make a project happen,” says the author who

has often been surprised by the depth of connection among the homeless. “People living on the street have a different sense of family than what we think about.”

However, the financial threads are often harder to tie and initiatives have traditionally targeted the inner city.

Recently, Bridgman has studied participatory planning and design of housing for street youth in suburbia, where youth can remain near their support network of family and friends. Those that did migrate to the downtown core often could no longer afford to return. Like much of Bridgman’s research, this study has been funded by the Social Sciences and Humanities Research Council of Canada (SSHRC). Last year, she also received an Rh

Award from the University of Manitoba.

The University courted Bridgman for her unique anthropological approach to homelessness. This holistic perspective aims to understand an individual life within the larger context of political intrigue and cultural values.

“There is no need for people to be homeless,” says Bridgman. “As anthropologists, we try to understand how other people think and cope in their daily lives and make sense of these things in as respectful a way as possible.” After all, the street person we dismiss when we walk by is someone’s daughter. She’s a sister, perhaps a mother, maybe a survivor of childhood abuse—most of all she’s a human being.

CHRISTINE HANLON (BA/85, BEd/89)

HELPING THOSE WHO SUFFER SILENTLY

Although National Hockey League players Theoren Fleury and Shayne Corson along with 3,500 Manitobans have come forward to talk about living with inflammatory bowel disease (IBD), most people who have colitis or Crohn's disease suffer silently, says **Charles Bernstein** (MD/85), Internal Medicine.

Bernstein's research has benefited many with IBD and has attracted the attention of gastroenterologists from within Canada and around the world. In its latest funding round, the Canadian Institutes of Health Research (CIHR) awarded Bernstein with a five-year \$1.2 million grant to study a recently diagnosed group of people with IBD. He plans to map genes related to IBD, assess psychological profiles, and study the disease's evolution in an effort to determine or predict how the disease will progress.

Since the establishment of the Inflammatory Bowel Disease Clinical and Research Centre in 1994, Bernstein and collaborator **Jamie Blanchard**, Community Health Sciences, have established the largest IBD database in North America.

In addition to providing hard numbers, the database allows researchers to track clinical outcomes and how patients use the health care system. Information like this is valuable because it offers key insights into the treatment of IBD, a disease that has no known cure.



DETERMINING HOW ASTHMA STRIKES



According to the Canadian Lung Association, over two million Canadians suffer from asthma, and it's on the rise. It is the most common chronic respiratory disease of children with

13 percent of students aged five to 19 reported having asthma (Findings of the Student Lung Health Survey in 1995–96). With the assistance of a three-year, \$312,843 grant from the Canadian Institutes of Health Research, **Andrew Halayko** (MSc /88, PhD/97), Internal Medicine, is studying mechanisms for development of asthma with the aim of developing new therapies.

During an asthma attack, the smooth muscle in the lungs contracts and closes the airways, making breathing difficult or impossible. Halayko's group studies how muscle-specific genes are controlled in the lungs to better understand why the muscle increases in quantity and how it contracts excessively in asthmatics. "Our studies will provide insight to pathways that

have not yet been well described," says Halayko. "Our approach differs in that we study both molecular mechanisms and have the capacity to assess the functional relevance of these pathways in normal and altered function of the muscle in the airways." "This approach is the most efficient if one is trying to identify feasible new targets for therapy in the clinical arena."

A native Winnipegger, Halayko returned home in 1999 after three years at the University of Chicago. He is also currently on the Advisory Council for the Manitoba Institute of Child Health to establish a Biology of Breathing Research Group in the new Manitoba Institute of Child Health developed by the Children's Hospital Foundation at the Health Sciences Centre.

RESEARCH AT THE UNIVERSITY OF MANITOBA



NATIONAL NETWORKS

- The University of Manitoba is the network leader of one of Canada's 22 networks of excellence and a participant in 15 others.
- ISIS Canada (Intelligent Sensing for Innovative Structures) is headquartered in the Faculty of Engineering and is a national centre of excellence exploring applications of remote sensing technology and new materials structures.

RESEARCH RESOURCES

- \$83.7 million in research grants in 2001–02. Federal government sources provided \$42 million, Manitoba government sources provided \$14.4 million, and a wide range of business, industry, foundations, individuals and other governments provided \$27.3 million.
- An important source of research funding are the national granting councils, which together awarded a total of \$30.8 million in research grants. The Natural Sciences and Engineering Council: \$12.9 million in grants. Canadian Institutes of Health Research: \$16 million. Social Sciences and Humanities Research Council: \$1.9 million.
- \$57 million received to date from the Canada Foundation for Innovation, the Manitoba Innovations Fund and other partners to support the building and acquisition of specialized, state-of-the-art research facilities and equipment.

RESEARCH CHAIRS AND CENTRES

- The University of Manitoba currently holds 18 Canada Research Chairs. Chairholders are research leaders or rising stars in natural sciences and engineering, health sciences, social sciences and the humanities.

David Barber, (BPE/82, MNRM/89, PhD), Arctic System Science

Fikret Berkes, Community-Based Resource Management

Mahesh Chaturvedi, Aerospace Materials

Brian Cox, Mood and Anxiety Disorders

Phillip Gardiner, Physical Activity and Health Studies

Brian Hasinoff, Drug Development

Frank Hawthorne, Crystallography and Mineralogy

Kent HayGlass, Immune Regulation

Geoff Hicks, (BSc/85, PhD/91) Functional Genomics

Robert Hoppa, Skeletal Biology

Larry Hryshko, (PhD/87) Cardiac Electrophysiology

Digvir Jayas, (MSc/82, PhD), Stored-Grain Ecosystems

Lorrie Kirshenbaum, (BSc/86, MSc/88, PhD/92) Molecular Cardiology

Hélène Perreault, Bioanalytical Mass Spectrometry

Frank Plummer, (MD/76) Resistance and Susceptibility to Infections

Noralou Roos, Population Health Research

Lotfollah Shafai, Applied Electromagnetics

Lea Stirling, Roman Archaeology

- The U of M is also home to other industry-sponsored or endowed research chairs in a variety of fields including aerospace materials, cardiovascular sciences, child health, design engineering, internal medicine, nursing and telecommunications.
- Eighteen research centres or institutes organize research programs around an area of knowledge.
- In addition, the university is a partner with an external organization in eight other centres or institutes

INTELLECTUAL PROPERTY ADVICE AND TECHNOLOGY ASSESSMENT

- An important part of this service to researchers includes provision of intellectual property advice regarding the patentability of inventions or technologies arising from university research. Market potential is further developed through an assessment process. Last year, 21 inventions were assessed.
- The university holds more than 70 patents for inventions and technologies.

TECHNOLOGY COMMERCIALIZATION

- The university's recently formed VentureBox program assists in start-up company development, together with a new seed capital pool called the Springboard Fund, which is dedicated to funding university start-ups.
- A new program called LicencePro aggressively promotes technologies for licensing opportunities. The university has over 50 licenses with companies to develop the market potential of inventions.
- In 2001-02, the university received \$2.4 million in royalty revenues for licensing high-tech and biotech intellectual property development by university researchers.

For more information, please call **Roberta Koscielny**, Research Promotion Officer at (204) 474-7300 or check the web site at: www.umanitoba.ca/research

“Living in a reflected glory”



M.G. (RON) BRITTON (MSc/69, PhD)
PROFESSOR, FACULTY OF ENGINEERING

Further Graduate Study: Completed a doctorate at Texas A and M University

Years Teaching at the University of Manitoba: 32

Area of Expertise: Biosystems Engineering, in particular the design of light frame buildings.

Before Teaching? Worked for five years in private industry in oil and lumber.

Hobbies: Golf, baseball, travel, reading, the outdoors, and keeping up with grandchildren.

Community Activities: Maintaining links with industry and the profession.

Something Others May Not Know: Not sure. My students know me pretty well.

What Excites You Most About the Future? The students. They have the potential to do the things I have yet to dream of. But I have a terrific opportunity to help them and I have great confidence in the future.

Most Rewarding Part of Teaching: The students. It's wonderful to have the privilege of being able to work with bright, hard-working students whose minds are sponges and who want to make a difference. It's equally satisfying to watch students become successful and see them realize their potential. As teachers, we live in a reflected glory.

Awards Received: Many including the:

- 3M Outstanding Teaching Award (only ten awarded in Canada per year)
- Canadian Council of Professional Engineers (CCPE) Outstanding Teaching Medal
- Two University Teaching Services/University of Manitoba Students' Union Teacher Recognition awards
- University of Manitoba Dr. and Mrs. H.H. Saunderson Award for Excellence in Teaching
- University of Manitoba Campbell Outreach Award

DO YOU HAVE A FAVORITE TEACHER THAT YOU WOULD LIKE TO SEE PROFILED? IF SO, WE WOULD LIKE TO HEAR FROM YOU. LET US KNOW BY PHONE (204) 474-9597, TOLL-FREE IN CANADA 1-800-668-4908, fax, (204) 474-7531, or e-mail at alumni@umalumni.mb.ca.



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DEGREE FRAMES

Have you framed your degree yet? If not, you will find more information on page 15 of this publication.

ON LINE COMMUNITY

The University of Manitoba's on-line community (OLC) is a web-based community for alumni and students providing services such as e-mail redirection.

Visit our web site, "www.umanitoba.ca/alumni" for more information.

ON CAMPUS BENEFITS

Alumni receive substantial discount at the University's recreation facilities, the annual library usage fee, and other services. Visit our web site, "www.umanitoba.ca/alumni," for more information on these and other benefits.

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THANK YOU FOR YOUR SUPPORT!





1940 – 49

Cosman, H. Herbert, MD/49, retired Associate Professor of Medicine, University of Ottawa, was honored at the convocation of The American College of Physicians on April 11, 2002. He was elevated to the rank of Fellow of The College in recognition of his many years of teaching under and postgraduate medical students. Dr. Cosman also made major contributions to the initiation and development of the Department of Geriatrics at the University of Ottawa.

Parker, Richard Henderson, MD/48, was the first overseas veteran to graduate in Medicine in Canada under the Veterans Education Benefit. While working at the Brandon Mental Health Centre (BMHC) from 1960–1983, Dr. Parker comprised a medical team and initiated travelling clinics to the Health Units from Flin Flon to Virden and Killarney. He went into private practice upon his retirement from the BMHC in 1983. Dr. Parker is a charter member of Mood Disorders in Western Manitoba, a CNIB Board Member, former member of the Children's Aid Society, an original member of a Task Force for Mental Retardation, and is active in his church and also barber-shopping. He is also a recipient of a Canada 125 Governor General Medal. All this from an individual who suffered life threatening injuries and temporary loss of speech due to a motorcycle accident while serving overseas in World War II.

1950 – 59

Krueger, Peter, BSc(Hons)/55, MSc/56, in recognition of exemplary and distinguished service to the University of Calgary, Krueger was admitted as a Member of The Order of the University of Calgary on June 12, 2001. Krueger has played an increasingly more senior role in the development of the institution as Professor, Department Head, Vice Dean and Vice-President (Academic) and

Provost. Eminent Chancellor, Emeritus Professor of Chemistry, Krueger has had a distinguished career in every respect. In retirement he continues to offer his talents in the promotion of international initiatives for the University and in policy matters affecting post secondary education.

Mindess, Mervyn, BScCE/55, MSc/56, received a Lifetime Achievement Award from the Minnesota Geotechnical Society. The citation read in part: "For outstanding achievement and contribution to the Minnesota Geotechnical Engineering Profession." Mindess is also a Fellow of the American Society of Civil Engineers.

1960 – 69

Artibise, Alan F.J., BA/67, joined the University of New Orleans in June 2002. Dr. Artibise is the Dean of the College of Urban and Public Affairs and also a Professor of Planning and Public Administration. Dr. Artibise brings a wealth of experience from his positions held with the Universities of Missouri, British Columbia, Manitoba, Winnipeg and Victoria. Between 1988 and 2000, he managed a successful consulting firm that specialized in urban and regional planning. He has also worked with communities and the private sector in promoting and achieving sustainable development. Clients included governments at all levels, community groups, development firms, unions and public policy and research. Active in scholarly, professional and community organizations, Dr. Artibise has served in Executive positions on numerous boards. As a member of the Executive Committee of the Forks Renewal Corporation (Winnipeg), Dr. Artibise played a key role in the development of the Concept Plan in 1987 for the 60-acre site in downtown Winnipeg. Dr. Artibise has had a distinguished career having received fellowships, awards and medals, and he has authored numerous books, reports, articles and book reviews.

Burrows, Selwyn R., BA/65, has been appointed as the North American representative on the Finance Committee of Peace Brigades International (PBI). PBI supports indigenous human rights and peace work in trouble spots such as Colombia, Indonesia and Southern Mexico.

Corrigall, William A., BSc(Hons)/69, MSc/71, and his wife **Janis** (nee **Robertson**), BHEc/68, CertEd/69, have moved to the Washington, DC area. Bill has taken a position with the National Institute on Drug Abuse as Director, Nicotine and Tobacco Addition Program and Chief, Translational Research Branch after early retirement from the Centre for Addiction and Mental Health in Toronto, ON.

Jones, Carol L., BID/68, is a new principal with Kasian Kennedy Architecture Interior Design and Planning Incorporated. Effective February 1, 2002, Kasian Kennedy Architecture Interior Design and Planning Incorporated merged with Vancouver Interior design firm City Interiors Ltd. As principal in Kasian Kennedy, Jones will lead the Vancouver interior design practice. Jones is NCIDQ accredited, a Certified Facility Manager and a Registered Interior Designer in BC. Jones is Past President of the International Interior Design Association and she has served on many professional association boards.



Kalra, Yash P., MSc/67, was presented with a Community Ambassador Award by Economic Development Edmonton (EDE).

He received the award for his work organizing and chairing the 7th International Symposium on Soil and Plant Analysis held in Edmonton in July 2001, the first time in its 12-year history that the event was held in Canada. The EDE Ambassador Awards

recognize individuals or organizations that make significant contributions to Edmonton's economy and quality of life. Mr. Kalra is a Soil Chemist at the Northern Forestry Centre Canadian Forest Service, Natural Resources Canada, Edmonton, AB. He has the distinction of being the first non-American scientist to serve the Soil and Plant Analysis Council as its President since this international society was formed in 1969.

Porter, Anthony R.D., BSc/65, received the Gleaner Honor Award in the category of science and technology, at the Gleaner's 22nd Honor Award function held at the Meridien Jamaica Pegasus Hotel, New Kingston, Jamaica. Porter was commended for his more than 30 years in the field of geology. During his work with Geological Survey 1970-74 Porter and his colleagues produced the geological sheet of Kingston and produced many maps of the country. Porter worked as chief geologist with ALCAN and played a major role in the exploration of bauxite deposits in Jamaica. Porter has authored many scientific articles and papers, and in 1990 authored the book entitled *Jamaica, a Geological Portrait*. He also co-authored the book *Minerals and Rocks of Jamaica*, in 1982. In 2001 the Geological Society of Jamaica honored Porter with their highest honor, the Chubb Award.

Smith, Ian C.P., BSc(Hons)/61, MSc/62, elected member of the Board of Governors; University of Manitoba, was awarded a Doctor of Philosophy, Honoris Causa, by Brandon University in 2001. Dr. Smith has honorary doctorates from the University of Stockholm, 1986, and the University of Winnipeg, 1990. He is Director General of the National Research Council's Institute for Biodiagnostics, and an Adjunct Professor in the Departments of Physics, Anatomy and Radiology of the University of Manitoba.

1970-79

Ferguson, James A., LLB/78, of Aikins, MacAulay & Thorvaldson, Winnipeg, MB, has had his name added to the 2002 Lexpert/American Lawyer Guide to the Leading 500 Lawyers in Canada.

Hamblin, Christine Margaret, BHEc/77, CertEd/78, was appointed Commissioner, Canadian Grain Commission in March 2002. Hamblin is involved in a variety of industry-related organizations including as a member of the Farm Debt Mediation Appeal Board, the review committee for the Western Grain Standards Committee and the AIDA Producer Review Committee. She has served as director, Ag in the Classroom, Manitoba and as director, Manitoba Rural Adaptation Council. She is a producer representative on the Premier's Economic Advisory Council, Manitoba.

Kideckel, Hope Rochelle, BA/72, ContEd/88, is currently a teacher at Sisler High School in Winnipeg, MB, and coordinates a career internship program called S.T.E.P.S. (Skills in Technology for Employment through Partnerships with Sisler). In 1999 Kideckel won a Prime Minister's Award for Teaching Excellence for the S.T.E.P.S. Program. In May 2002 Kideckel was presented with a Conference Board of Canada RBC Royal Bank Partners in Education Award, also for the S.T.E.P.S. Program.

Kilmury, Ronald L., DipAgric/72, is the recipient of the first annual Herb Dhaliwal Sustainable Aquaculture Award, November 28, 2001. Kilmury, Managing Director, Nutreco North America, Marine Harvest Canada, was one of six finalists from across Canada being considered for the award. Kilmury's exemplary leadership in the aquaculture industry and the initiatives he has developed and implemented has played a pivotal role in working toward the environmentally-sustainable development of the aquaculture industry.

Longfield, Kevin J., BScME/72, was nominated for the Eileen McTavish Sykes award for the best first book by a Manitoba author, as part of the Manitoba Book Awards for *From Fire to Flood, a History of Theatre in Manitoba*. Longfield was also nominated for the Ann Saddlemeyer Award, given by the Association for Canadian Theatre Research for a scholarly work of theatre history.



Ravindran, Comodore (Ravi), MSc/70, PhD/82, was elected Fellow of the Canadian Academy of Engineering. This honor recognizes distinguished service

and contribution to the society, country and profession. Dr. Ravindran is currently a professor of Advanced Materials and Manufacturing Processes at Ryerson University, Toronto, ON.

Sawyer, Alice A., CA/79, was selected for recognition in the 2001 Merit Awards program of the Institute of Chartered Accountants of Alberta at the awards Gala, June 14, 2002. Sawyer is the recipient of the Distinguished Service Award. The Distinguished Service Award is awarded to CAs or supporters of the profession who have rendered distinguished service within the last three years, through business, civic, community, political, professional, charitable, research, teaching or writing activities.

Sinha, Madhav N., PhD/74, received the Leadership Award from the Association of Professional Engineers and Geoscientists of the Province of Manitoba in March 2002. Dr. Sinha was honored for his 25 years of contribution in the Development of Quality Control Science and Engineering Disciplines and related Education and Promotional Activities. His most notable contributions have been in the areas of quality control education and training programs, provincial and Canadian national quality

award programs, development of quality management standards such as ISO 9000, quality awareness campaigns, government-wide service excellence initiatives, community quality councils and self-help learning networks. Dr. Sinha taught at the University of Manitoba's quality management certificate program for 15 years. He has authored/ co-authored numerous books, study guides and research papers on quality that are published internationally. Dr. Sinha is the first Canadian elected as Academician with the world's elite International Academy for Quality, the first Canadian ever to be honored with more than two dozen medals and awards from the American Society for Quality and other Canadian organizations, and was listed in the 1993 first edition of International Who's Who in Quality and in the 2000 edition of International Who's Who in Public Service for being an outstanding Canadian in his field of expertise.

1980-89



Collier, J. Douglas, BSc/87, was named Vice-President of Marketing for La-Z-Boy Residential Division in April 2002. Collier has more than 12 years of management experience in marketing and product development. Collier will lead all marketing functions and act as a strategic partner in the design of programs and policies to meet the company's goals for brand loyalty, brand preference and market penetration. Collier will oversee all activities related to maintaining and enhancing the La-Z-Boy brand, including market research, national and retail advertising, new product launches, dealer related marketing communications, e-marketing and public relations. Additionally, Collier is responsible for evaluating and deploying new marketing technologies to expand the scope and

reach of the La-Z-Boy brand to the widest possible consumer audience.

MacIver, Donald Edwin, BEd/89, married Katherine Hosfield in July 1995. They have two sons Riley Austin and Spencer Alexander. Don is presently employed as a history teacher at his hometown high school, Beaver Brae in Kenora, ON, but has taken a leave of absence for the 2001-02 school year to stay at home with his children and upgrade, taking four undergrad history courses. In 1995 Don was awarded the TVOntario Teacher of the Year Award for English High Schools, and in 1997, he shared the Reader's Digest Leadership in Education Award - Outstanding Leader Award with his Principal Gord Brooks and fellow Department Head, Ron Bell.

McCowan, Susan Terys, BSc/87, BN/91, is pleased to announce her engagement to Austin Hatcher on January 23, 2002. A wedding date is being planned for summer/fall 2002. Susan was hired as the first Primary Health Care Nurse Practitioner in Nova Scotia in April 2000. She is part of the "Strengthening Primary Care in Nova Scotia Communities" initiative that runs for three years.

Robinson, Earl Robert, MA/89, was conferred the degree Doctor of Divinity (honoris causa) at the William and Catherine Booth College on April 28, 2002. Along with his wife Benita, they provided pastoral leadership in several Salvation Army corps across Canada. In 1981, the Robinsons moved to Winnipeg to establish a Salvation Army college. The groundwork for the college was laid from June 1981 through June 1982 with the official opening. In June 1982 Earl was appointed as the first President of Catherine Booth Bible College. He continued in that position until June 1993. During his tenure as President, the College grew and developed. It aggressively pursued accreditation with the Accrediting Association of Bible Colleges and then entered into an

Approved Teaching Centre relationship with the University of Manitoba.

Stoness, Darrol Scott, BScEE/82, has joined R.W. Beck Inc., a management consulting and engineering firm, as an executive energy risk management consultant based in the Orlando Florida office. Stoness will help develop the Energy Risk Management consulting practice that entails: business development, project management, employee development, risk management education and program development.

1990-99

Beaudry, Paul Robert Joseph, BSc/91, accepted the position of Manager, Technical Services and System Architecture with James Richardson International, in March 2002. Beaudry and his wife Heather, who works for the Province of Manitoba in the Department of Justice, built their dream home in 2001 and reside in East St. Paul.



Dong, Victor Michael Se, MD/94, has been named Assistant Director, Clinical Operations and Medical Affairs for Solvay Pharmaceuticals, Inc., Marietta,

Georgia. Solvay Pharmaceuticals, Inc. is a research-based pharmaceutical company active in the therapeutic areas of cardiology, gastroenterology, mental health and women's health.

Joy, Sophia Nisa, (nee Jansen Van Beek, Martine F.), ContEd/95, retired after 32 years as a social worker and later a probation officer with the Province of Manitoba. Sophia is currently pursuing theology at the University of Winnipeg.

Lepage-Forest, Melanie Rachel, BESA/91, ContEd/92, BHEcol/96, BEd/96, married Michel Forest on July 25, 1998. Melanie and Michel have two children, Zacharie Real Michel born June 1, 2000 and Chloe

Emma Enya born September 5, 2001. Melanie has worked as a teacher and principal in two small schools in southern Saskatchewan and is currently on maternity leave. She plans to return to work in the fall of 2002 on a part-time basis so that she may enjoy her family.

Okabe, Kevin Eiji, BComm(Hons)/90, CA/93, was selected for recognition in the 2001 Merit Awards program of the Institute of Chartered Accountants of Alberta. Kevin was honored with an Early Achievement Award presented at the awards Gala, June 14, 2002. Early achievement Awards are for CAs who, within the first 10 years since qualifying as a CA, demonstrate excellence in professional, civic, charitable, community or other service.

Pinette, Gilles Dennis, BSc/93, MD/97, is the recipient of a 2002 National Aboriginal Achievement Award, March 10, 2002. The National Aboriginal Achievement Awards recognize the career achievements of Aboriginal professionals for their diverse occupational accomplishments. He treats his patients using modern-day western medicine and traditional Aboriginal teachings. He is an urgent-care physician at Misericordia Urgent Care Centre, a lecturer and instructor at the University of Manitoba's Faculty of Medicine, and Associate Director of the University of Manitoba's Special Paramedical Studies Program, which recruits and supports Aboriginal students enrolled in health sciences. He has also conducted and supervised several medical research projects and authored research projects and books about scholarships and bursaries for Aboriginal medical students, diabetes, suicide prevention and prenatal care.

Rempel, Roger George, BScCE/91, received the Early Achievement Award from the Association of Professional Engineers and Geoscientists of Manitoba on March 5, 2002. This award acknowledges significant contributions to society and the engineering profession in the

early stages of a promising career. Rempel is a senior environmental engineer with Tetres Consultants in Winnipeg, MB.

Shojania, Kaveh G., BSc(Hons)/90, MD/94, received the Young Investigator Award from the National Association of Inpatient Physicians (NAIP) at the organization's annual meeting held in Philadelphia, April 9–10, 2002. Dr. Shojania received the award in recognition of his outstanding achievement and promise as a young researcher in the discipline of hospital medicine. Dr. Shojania is currently assistant professor at the University of California, San Francisco. Dr. Shojania has also been instrumental in the development of several novel educational forums for promoting quality improvement and patient safety among physicians. One of these, Quality Grand Rounds, will begin appearing in the Annals of Internal Medicine in June 2002. Dr. Shojania's father is in the Faculty of Medicine at the University of Manitoba, and his mother teaches in the English department.



Watkins, Christopher Charles, LLB/93, was recognized by the Government of Canada as an outstanding volunteer during the 2001 International Year of the Volunteer

Zalnasky, Jennifer Kay, BA(Adv)/98, graduated from Western New England College School of Law and was admitted to the Massachusetts Bar in January 2002. Zalnasky is an Associate in a General Practice firm in Boston, specializing in Family Law and Domestic Relations.

2000-Present

Traa, Lawrence James, BSc/00, received the Graduate Achievement in Industry Award from the Faculty of Science. The award is made for the most significant contribution to the mission of a company by an individual who graduated in Science from the University of Manitoba within the last five years. Traa has been employed with Standard Aero for 16 years, and has successfully fulfilled numerous key roles within operations and in engineering while at the same time dedicating himself to completing his studies at the University of Manitoba and raising a young family.

MARRIAGES

McKenty, Brian Edward, BPE/90 and Dana Joette Van Walleghem, BN/96, were married on February 9, 2002. The wedding reception was held at the Delta Winnipeg and the couple honeymooned at the Pinewood Lodge located in Whiteshell Provincial Park. Brian states, "our wedding and honeymoon made up the best reading week of my university career." Brian is currently in his first year of the two-year after-degree Education program.

Miller (nee Strachan), Nicole Dawn, BA/98, LLB/01, married Craig Miller on July 14, 2001 in Winnipeg, MB. Nicole and Craig currently reside in Waterloo, ON. Nicole is articling with the law firm Giesbrecht, Griffin & Funk in Kitchener, ON, and Craig is a project Engineer for GE Water Technologies in Guelph, ON.

BIRTHS

Claeys, Tracy Joel, BScPharm/95, and **Gregory John Didyk**, BSc(Hons)/93, announce the birth of their son Tyler Anthony Didyk on February 13, 2002.

Varshney (nee Sekhri), Anuja, BComm(Hons)/91, along with her husband Praveen are pleased to announce the birth of their son Aneesh, on April,

27, 2002, a brother to two-year old Jaiya. The couple resides in Vancouver, BC. Anuja received her CA with Deloitte & Touch, but has left the firm to raise her family. She is active with various charitable endeavors and boards; the most significant is the organization of the Varshney Family Charitable Golf Classic, which in its first 5 years has raised \$275,000 for local children's charities.

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

Cameron (nee McFadyen), Vera Marie, DH Making/27, in 1999.

Carey (nee Machray), Mary, BA/25, on February 7, 2002.

Moffat, Thomas Allen, DipAgric/28, on August 5, 2001.

Slusky (nee Corne), Mollie Sylvia, BA/28, on June 21, 2001.

1930-39

Anderson, Frank W., BSA/35, on February 28, 2002.

Bothe, Franklin Edward, BA/36, BEd/45, MEd/56, on February 1, 2002.

Calder (nee McCormick), Anne C., BA/35, on April 22, 2002.

Cameron, John A.M., MD/34, on August 15, 2001.

Duncan, Chester, BA/34, MA/39, on March 31, 2002.

Halparin, William Jack, BScEE/32, on April 26, 2002.

Jones, Frank W.O., BA/34, on September 2, 2000.

McCannon (nee Templeton), Helen Annie Margaret, BA/33, on February 6, 2002.

Morrison, Tora Mary, BA/1930, on December 7, 2001.

Pitfield (nee Craig), Marjorie Alice, BA/33, on July 16, 1999.

Riley (nee Aikens), Frances M., BA/38, on May 3, 2002.

Shenkarow, Samuel, DipPharm/39, on January 12, 2002.

1940-49

Fraser, Robert Gordon, MD/45, on April 12, 2002.

Freeman, Verna I.M., BA/47, MEd/88, on March 27, 2002.

Hamata, Frank Charles, BScCE/49, on January 4, 2002.

Harris, Richard W., BA/49, on January 30, 2002.

Henderson (nee Gyles), Nora J., BSc/46, in January 2002.

Hinch, Robert Ogden, BSc/48, MD/53, on February 17, 2002.

Hogg, Georgina Ruth, MD/45, on April 21, 2002.

Ingot, John Ernest, BA/48, on September 25, 2001.

Johnson, Robert Ernest, BScCE/47, on April 10, 2002.

Kobrinisky, Sam, MD/40, on April 25, 2002.

Malcom, Wilberta Mary, BA/45, on March 5, 2002.

McBain, Ross Thomas George, BA/48, LLB/52, on April 19, 2002.

McDiarmid (nee Halladay), Catherine L., BComm(Hons)/45, on January 15, 2002.

Newman, Philip Edwin, BComm/49, on February 26, 2002.

Raetzen (nee Levinson), Abigail Rose, BScHEc/40, on October 7, 2001.

Ramsay, Beatty Haig, MD/40, on December 27, 2000.

Sisler, George Cooper, MD/46, on January 30, 2002.

Smith (nee Watkins), Patricia Nancy E., BScHEc/47, on November 23, 2001.

Sylvestre, Robert B., MD/48, on March 24, 2002.

Victor, David I., LLB/49, on January 29, 2002.

Wawrykow, John George, BSA/40, DipEd/42, BComm(Hons)/53, BEd/59, on March 16, 2002.

White, Hunter James, BArch/49, on September 20, 2001.

1950-59

Antonsen, Robert W., BArch/51, on February 15, 2002.

Bardal, Paul N., BScCE/57, on January 30, 2002.

Bennett, Ivy Beatrice, BA/51, BSW/52, on April 29, 2002.

Bjarnason, David Carl, LLB/55, LLM/66, on August 13, 2001.

Brown, David N., MD/57, on February 7, 2002.

Brownridge, David Austin, DipAgric/56, on November 1, 2000.

Cannon (nee Coffin), Patricia Joyce, BID/58, on February 18, 2002.

Chernick, Alick, BSA/52, on November 18, 2001.

Clarke, Reverend John Lester, BScEE/50, on February 3, 2002.

Derwin, John, BSc/51, BSc(Hons)/53, BPed/55, BEd/58, MEd/75, on February 9, 2002.

Duff, Robert G., BSc/54, BPed/55, BEd/59, on March 8, 2002.

Haskell, Louis, BA/50, on February 26, 2002.

Henshall, Philip, BScEE/58, on March 18, 2002.

Houghton, Ronald Vernon, BScCE/53, in February 2002.

Kennedy (nee Kriese), Agnes Maryanna, BScHEc/56, BEd/71, on April 21, 2002.

Lee, Joseph, BSc/58, MD/62,
on February 28, 2002.

Maxwell, Rudy Vincent, LLB/59,
on January 26, 2002.

McComb, William Keith, BSA/50,
on September 4, 1999.

McDonald (nee Haig), Joyce Patricia,
BScHEc/51, on March 26, 2002.

Rymes (nee Hastings), Constance Mary,
DipID/59, on April 7, 2002.

Sanders, Ronald John, BA/53, MA/55,
on February 23, 2002.

Sebastian, Ferdinand Joseph, BSc/52,
on November 1, 2001.

1960-69

Beswick, Kenneth Elmer, BSA/68,
on December 10, 2001.

Coll, Reverend Roger A., BA/64, BD/67,
on December 10, 2001.

Danzinger, Gordon F., DMD/63,
on March 13, 2002.

Feschuk, William G., BA/68,
on March 18, 2002.

Garrity, David George Glenholme, BA/67,
BEd/67, MEd/69 on February 19, 2002.

Lewis Hack, Lynda Lloy, BID/64,
on May 6, 2001.

Philips, Stephen R., BSc(Hons)/65,
MSc/66, PhD/71, on April 22, 2002.

Spence, Allan Bryce, BA/68,
on March 6, 2000.

1970-79

DeBlonde, Marguerite, BA/72,
on February 6, 2002.

Diakiw, Donald Thomas, CertEd/75,
BEd/79, on February 23, 2002.

Dowhey, Steven Ronald, BScCE/76,
on February 27, 2002.

Granda, Daniel P., BA/72, BEd/73,
on February 22, 2002.

Hadaller, Thomas W., BSc/72, LLB/80,
on March 20, 2002

Hector (nee Wiebe), Ferna Joy, BHEc/73,
MSc/92, on January 28, 2002.

Quilliam, Katherine M., AMM/70,
on April 27, 2000.

Ripley, William D., DipAgric/76,
on March 23, 2002.

Ross, John Arthur, CertEd/71,
on October 9, 2001.

Rozitis, Karen A., BES/71,
on November 13, 2000.

Thompson, Thomas Ingvar, BA/74,
on May 25, 2000.

Wickberg, (nee Thurmeier) Janis Louise,
CertEd/71, on February 27, 2002.

Wiens, Alfred John Jacob, CA/72,
on February 3, 2002.

**Yaworsky (nee McLaughlin), Lorraine
Joan**, BHEc/ 70, on April 25, 2002.

1980-89

Diotte, Christine Elizabeth, BA/89,
in March 2002.

Legg, Terence Patrick, BSc(Hons)/80,
on January 24, 2002.

Partyka, Nicholas William, BSc/89,
on January 20, 2002.

Rosner, Michael John, BComm(Hons)/:
on March 3, 2002.

1990-99

McKenzie, Kenneth Edward, BA/99,
on January 6, 2000.



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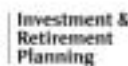


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B.Comm. (Hons.), CIM, CFP
Financial Planner
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BUILDING ON STRENGTHS

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BUILDING ON STRENGTHS: CAMPAIGN FOR THE UNIVERSITY OF MANITOBA IS PROVIDING NEW AND UPGRADED FACILITIES, AND GREATLY INCREASED SUPPORT FOR STUDENTS, RESEARCHERS AND PROGRAMS IN EVERY AREA OF THE UNIVERSITY.

What does a gift do?

In just five years, a new fellowship in political studies proves its worth by bringing in top students and a national profile

From the Delta Marsh Scholarship for student researchers at the university's field station to the Pitblado Scholarships for first and second-year law students at the top of their class, *Building on Strengths* has brought in support for new student awards in programs across the university.

In total, over 280 new awards—including bursaries, scholarships and fellowships—have been established by donors and approved by Senate since January 1, 1999, the beginning of the campaign.

"I am extremely pleased with the support we've received to establish new student awards. The campaign is enabling us to meet our goal of providing an excellent, accessible education to our students," said Elaine Goldie, vice-president (external).

And while Goldie acknowledges that the full impact of these new awards won't be felt by students and their faculties for a few years, she points to successes like the Duff Roblin Fellowship for an idea of what student support means to the university.

Established in 1997 in honour of the eminent Manitoba politician, the Duff Roblin Fellowship

provides two awards of \$15,000 each year to students working in the field of Canadian politics. Friends and colleagues of Duff Roblin established the award to complement the professorship Roblin set up in 1996 with a personal contribution.

"The fellowship has been a boon in raising our profile in other departments around the country," said David Stewart, acting head of political studies. "It gets people's attention drawn towards Manitoba."

Since the award began, Duff Roblin Professor Paul Thomas has seen the number and quality of applicants rise steadily, including an increasing number of applicants from outside the province.

"This year it was a much tougher job for the selection committee than in any year to date," he said.

"We're not the biggest political studies department in the country, but being able to offer the award really helps us to attract some very fine people," said Thomas.

The newest Duff Roblin recipients, **Jared Wesley** and **Marina Rountree**, are great examples of the high calibre of students that the fellowship is bringing to the university.

Twelve of 282...

Some of the university's newest student awards

Established in 1997, the Duff Roblin Fellowship has already proven its value to the political studies department in raising the department's national profile and attracting top students to the university. *Building on Strengths* promises to foster similar growth and bring the best students to many other faculties and departments through substantial increases in student support.

Here's a sampling from our 282 newest student awards, established since January 1999, many with the help of the Manitoba Scholarship and Bursary Initiative:

- Bonnie J. Trodden Scholarship in Dental Hygiene
- Canadian Masonry Institute Undergraduate Award
- David Swartz, M.D., Memorial Award in Urology
- Delta Marsh Scholarship
- George A. Schultz Bursary in North American Native History
- Gordon S. Fahrni Bursary in Medicine
- Home Economics Class of 1950 Bursary
- Pitblado Scholarships in Law
- Robert A. Rodgers Graduate Award In Education
- Robert Kosasky Scholarship in Arts
- Stinson Bursary in Environmental Science
- Westgen Scholarship in Animal Science



Jared Wesley

“They’ve been building a great department, with some great young scholars,” said **Jared Wesley**.

“The money was a drawing factor,” admits the newest Duff Roblin Fellow, “but when it comes to people, I have found no better place.”

Wesley wants to study how ideologies in federal political parties have changed in the last decade. With an undergraduate thesis on the sub-

ject in his back pocket, he’s eager to take on the more intense research required at the graduate level.

A Minnedosa, Manitoba-native, Wesley took a leading role in residence life as an undergrad at the University of Alberta, putting into action a student justice program in residences. He hopes to continue this type of involvement at Manitoba.

Wesley said the program gives students power over discipline in their community, “everything from fights, to smoking, to alcohol, to everything that happens in residences.”

“We found that students are much harder on themselves than the guy in the leather chair,” he said. “Students feel that living here is a privilege.”

On top of his work as a residence leader, Wesley plays hockey and volunteers with an elementary school reading program.

“In every job I take, I try to work with people,” said Wesley. “It keeps me involved in my community.”



Marina Rountree

As an undergrad at the University of Winnipeg, **Marina Rountree** looked at the international side of conflict resolution. Now as a second-year grad student and Duff Roblin Fellow, she’s focusing on what she describes as “responsibility issues.”

“I like looking at organizations and seeing how their stated

objectives come into play,” said Rountree. That is, if governments or corporations do what they say they’ll do.

In her research, Rountree examines the federal-provincial division of responsibilities, and the role of the private sector in Canada for dealing with threats like terrorism or natural disasters.

“The department’s been very helpful to me, precisely because it’s small,” said Rountree, citing the chance to get to know her professors and fellow students, and the opportunity to get involved in the university community.

In the past year she reprised the job of co-chair of the annual student-run political studies conference and represented the department in the Graduate Students Association. She also put time into volunteer work off-campus, including training as a sexual assault crisis worker at Klinik Community Health Centre.

“[It’s] a huge time commitment and not something I could do prior to receiving this fellowship, simply because I needed to work rather than volunteer,” said Rountree.

Anniversary Fund joins celebration

To celebrate the university’s 125th anniversary and build on a tradition of outstanding, accessible education, the university is seeking to make many new bursaries, scholarships and fellowships available to students. These new awards will create a lasting reminder of this important date in the life of the University of Manitoba.

Donors can help commemorate this important occasion by establishing a 125th Anniversary student award or making a gift to the 125th Anniversary Fund in support of bursaries, scholarships and fellowships. New 125th Anniversary bursaries, scholarships or fellowships can be named in honour of a family member, professor, colleague or community leader and go to support students in a faculty or program of the donor’s choice (e.g., The John Smith 125th Anniversary Award in Science). A gift to the 125th Anniversary Fund can help support students in programs across the university.

For more information on establishing a 125th Anniversary award or contributing to the 125th Anniversary Fund, please contact the Department of Private Funding, phone (204) 474-9195 or toll-free 1-800-330-8066; e-mail Private_Funding@umanitoba.ca.

campaign goal & achievements

As of June 14, 2002



Robson Hall plans \$3-million expansion



Illustration: An artist's rendering of the fourth floor addition to Robson Hall that will house the E.K. Williams Law Library and a new research centre.

A \$1-million donation from the Manitoba Law Foundation will provide the backbone for a \$3-million project that will see the E.K. Williams Law Library expanded and the Faculty of Law's Robson Hall updated with the latest technology. The gift lines up with the goals of *Building on Strengths*, which include support for new and upgraded facilities across the university.

The biggest part of the \$3-million project will focus on the faculty's library. The fourth floor of Robson Hall will be expanded on the east side to give the library another 4,000 square feet of space. The expansion will overhang the lower floors of Robson Hall, similar to the design on the west side of the building.

\$5-million gift generates new research opportunities

The University of Manitoba has gained an innovative tool to attract and retain outstanding researchers and assist them in securing the resources they need to conduct leading-edge research, courtesy of a \$5-million gift from **Power Corporation, Investors Group and The Great-West Life Assurance Company**.

With the combined gift announced on May 3, the university is establishing the Research Investment Fund to enhance research excellence and competitiveness.

Through this fund, the university will have at its disposal approximately \$250,000 annually for strategic investments in established and emerging areas of university research strength. A top priority of the fund will be investments that will lever additional research funding.

Power Corporation is contributing \$2 million towards the \$5-million donation, the largest gift ever given by the parent corporation outside of its home province of Quebec. Power's subsidiaries Great-West Life and Investors Group are each contributing \$1.5 million, the largest single gifts ever made by either company.

The Research Investment Fund will support research in all areas of the university. In particular, the Great-West Life Research Investment Fund will advance the work of a broad range of faculties and departments, including medicine, dentistry, nursing, pharmacy, law, arts, computer science and engineering.

Researchers like Judy Anderson, human anatomy and cell science, will gain valuable support from the new Research Investment Fund. The fund will provide \$250,000 annually for investments in established and emerging areas of university research strength.



University of Manitoba researchers are very successful in obtaining research grants. However, increasingly researchers need to demonstrate that some private sector funding is available for their projects... The Research Investment Fund will be of substantial benefit in enhancing our capacity to leverage large funds for research relative to our input. In addition, support from the fund will be available for start-up grants to new researchers, and seed money for new projects.

Emőke J.E. Szathmáry, Ph.D.
President and Vice-Chancellor

Responding to the \$5-million gift announcement by Power Corporation, Great-West Life and Investors Group in support of the Research Investment Fund, 3 May 2002.

Key campaign project about to take shape

The first rumblings of a massive construction project to build the Engineering and Information Technology Complex (EITC)—a key goal of *Building on Strengths*—are being heard on the Fort Garry campus.

The new \$45-million complex will revitalize the university's engineering and computer science facilities, and help meet the province's growing need for engineers and computer scientists.

As a first step towards construction, work began in May on the redevelopment of the Agricultural Engineering building on Dafoe Road. The interior of the building is being redone while an adjacent annex is being demolished and replaced with a two-story addition. The addition will house the expanded structures lab, currently located in the engineering complex.

The move of the structures lab frees up space to move other classrooms, laboratories and offices.

With the drawings for the complex to be finalized this summer, fundraising for the project is progressing. Over 100 volunteers are taking part in the effort.

"Everybody is actively making calls to close the gap towards our goal," said development officer Sue Kennedy.

Kennedy said the donors she talks to share their eagerness to see the construction crews at work and the plans take shape. "People are excited to see some concrete evidence that their investment is going towards something tangible," said Kennedy.

While a final deadline for construction on the new complex hasn't been set, it will soon be clear that the project is underway. By the start of the fall term, the Engineering 2 building will be vacated to ensure that everything is in place when construction does begin.

Donors, students and staff point out their place in the EITC



Computer science offices. John Bate (BScHons/74, MSc/76, PhD/78), head, Department of Computer Science.



Engineering offices. Doug Ruth (BScME/70, MSc/72), dean of Engineering.



ENGAP student centre. Harvey Ranville, Engineering Access Program (ENGAP) coordinator.



Communications lab. Robert A. Kennedy (BScEE/62), donor.



New laboratories and classrooms. Edward (BScME/50, CertBusM/76) and Gertrude Bell, donors.



Mechanical engineering department. Mercedes Alcock, mechanical engineering student and engineering student senator.



Student council offices. Paulo Fernandes, computer engineering student and vice-stick internal.



Design lab. Ron Britton (MSc/69), NSERC chairholder, design engineering.



Computer engineering department. Shamir Mukhi (BScCompE/96), head of wireless systems, hardware engineering group at Iders Inc., a corporate donor.



Internet Innovation Centre. Jeff Anderson (BCommHons/00), executive director, Internet Innovation Centre, University of Manitoba.



The Associates and the Young Associates have helped build one of the top business schools in Canada, and by doing so these organizations have made for a stronger business community in Manitoba... The equation is simple: A great business school in our province produces great business leaders for our province—and for the whole country. This is what your support is doing.

David Friesen, BA/69, Campaign Chair
President and Chief Executive Officer, Friesens Corporation
Address to the Associates of the I.H. Asper School of Business at the announcement of the group's \$1-million pledge to *Building on Strengths*, 24 April 2002.

SCIENCE, AN ECONOMIC ENGINE

The University of Manitoba's scientific research programs possess a wealth of technology with commercial potential. The successful local commercialization of even a portion of this technology provides Manitoba with a substantial economic engine, creating many quality jobs.

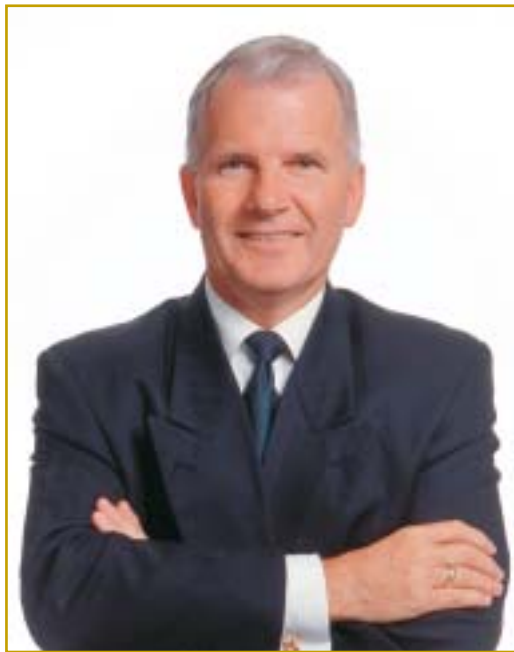
The health and agricultural biotechnology sectors are among the most dynamic and promising in Manitoba. Today there are over 110 industry members generating \$430+ million in revenues and employing more than 4,300 people in the province. Over the past decade, the healthcare industry in Manitoba has grown to become Canada's third largest. Driving this increase is the global demand for health products and the expanding local infrastructure to develop them.

Successful commercialization of technology requires quality innovation combined with experienced management and access to sufficient capital. Genesys Venture Inc. (GVI), a company I established in the mid-90s, focuses on filling this gap, providing the expertise; experience, and energy required to start-up and manage emerging health and biotechnology ventures.

One of the rapidly growing companies started through GVI is Medicare, a Toronto Stock Exchange-listed cardiovascular drug company. Medicare is a University of Manitoba spin-out from the Institute of Cardiovascular Sciences, St. Boniface General Hospital Research Centre, that was founded by renowned cardiovascular scientist, Dr. Naranjan S. Dhalla.

I have been fortunate to have had a number of great mentors who provided the expertise necessary for a career in the pharmaceutical business. To each one I am grateful for the role they play in my life and in Manitoba's industry. The first important mentor in my training was Dr. J. C. Jamieson, now Dean, Faculty of Science. As a young professor, he and his Department of Chemistry colleagues provided a disciplined and analytical approach to research. My MSc and PhD training under Dr. Jamieson provided an excellent training ground for what lay ahead.

While I was a PhD student, Dr. Bruce Chown and Dr. John M. Bowman brought an exciting proposition to me, the development of a product for the prevention of Rh disease of the newborn. The opportunity to research and manage the development of the product called WinRho provided an incredible encouragement to myself and the Winnipeg Rh Institute team. The Institute and Rh Pharmaceuticals Inc. became the core of Cangene, employing several hundred Manitobans. During the early 1980s Dr. Henry G. Friesen, another University of Manitoba family member, provided encouragement and leadership to me in the establishment of Manitoba's first biotech company, ABI Biotechnology Inc., which became Canada's first profitable biotech company before its assets were transferred to Apotex Fermentation.



These experiences provided the base for my participation in subsequent local start-ups including Viventia Biotech, Genesys Pharma, and now Medicare. GVI continues to work with other start-ups such as DiaMedica, a Crocus-financed University of Manitoba spin-out founded by Dr. Wayne Lutt.

I believe that the biotech/pharmaceutical industry is still in the early stages of a prolonged period of significant growth. Internationally, biotechnology revenues have increased from \$8 billion in 1993 to over \$25 billion today and are projected to increase to over \$100 billion during the next decade. For Manitoba to be a part of this growth and to realize the potential of its own innovation, I believe we need a homegrown strategy, incorporating increased local venture capital and an aggressive training and mentoring program for scientists and managers. The University of Manitoba is taking the initiative on both of these fronts with the Venture Box program and the Springboard Fund together with new efforts focused on technology incubation and updated educational programs. Through these and other unique programs, the University of Manitoba is destined to play a major role in this road to success.

ALBERT FRIESEN IS PRESIDENT OF GENESYS VENTURE INC.

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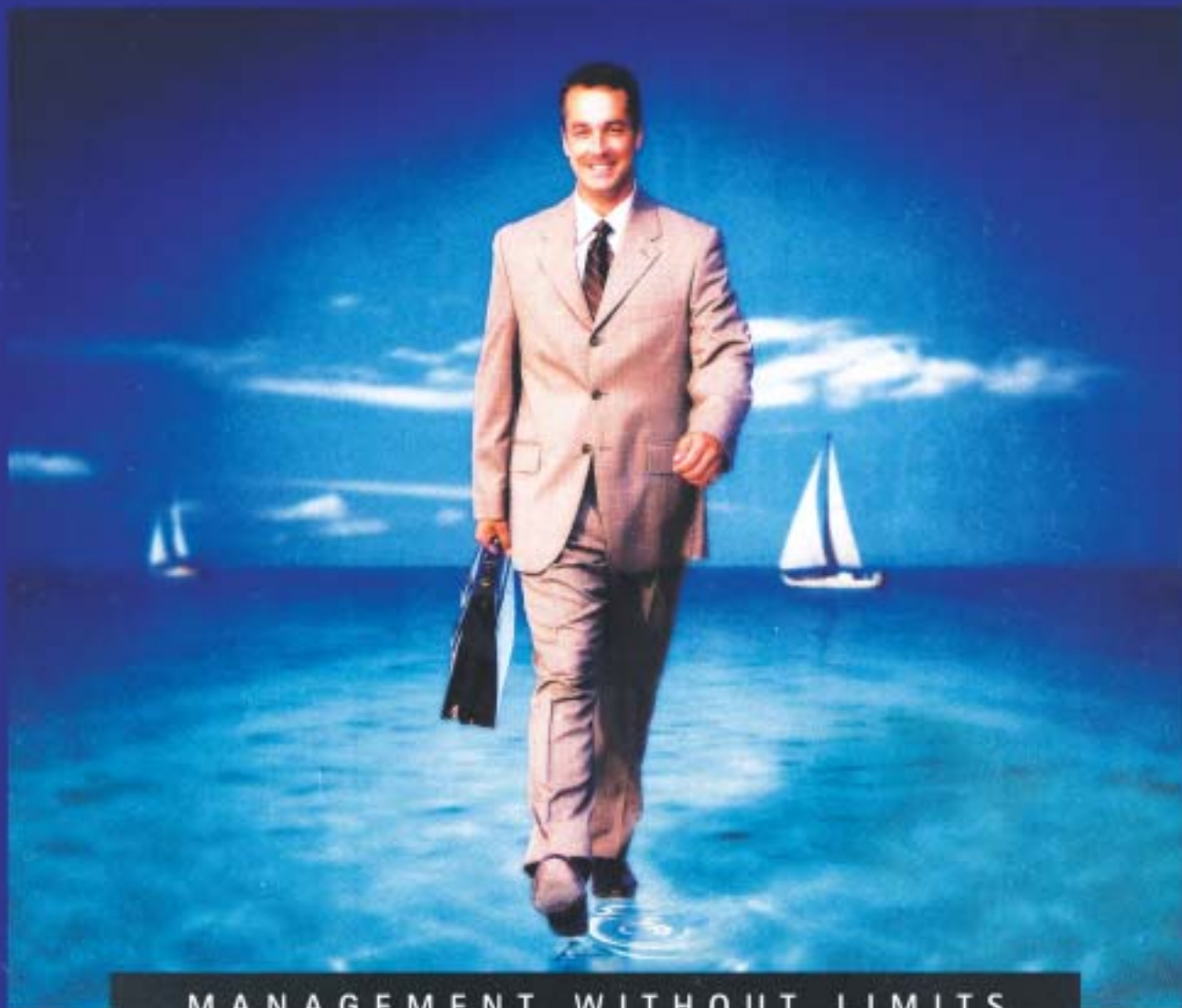


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