

# WATtimes

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## GREETINGS FROM THE UWRA PRESIDENT

- by Bob Norman

We have had another very active Fall season. It began with our annual Fall Reception at the University Club attended by more than 80 retirees. Our guest speaker was the affable and informative Kelly McManus, the University's new Senior Director of Community Relations. She is also our association's direct contact with UWaterloo. She



**Kelly McManus shares her visions.**

and Warplane Heritage Museum, and another to the Shaw Festival - Guys and Dolls. We ended the season with our Fall Luncheon that was attended by nearly 100 retirees. We were treated to a great meal and an informative, well-illustrated, excellent presentation from physiologist, Dr. Richard Hughson.

was backed-up by a surprise and welcomed drop-in speaker, President Feridun Hamdullahpur, who also brought greetings. This event was followed by two great coach tours, one to the Art Gallery of Hamilton

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Dr. Hughson strongly suggested that we should sit on the bed before standing, when we get up at night in the dark, to minimize the risk of falls from temporary dizziness. Cmdr. Chris Hadfield and other astronauts also experience dizziness when they return to earth for the same reasons that many elderly people do. Prolonged space flight in zero gravity is like prolonged bed rest. Dr. Hughson has shown that there are major changes in brain blood flow and stiffness of arteries to the brain in his extensive research with astronauts and with the elderly. Dizziness, and risk of falls, occurs temporarily when blood flows from the brain to the lower body when you sit or stand up. Sitting for a minute or so until you are sure you are not dizzy is safer than standing – and falling!

I must report a few changes in the UWRA Board that are important to many of you. I am sorry to tell you that Judy Van Evra will be leaving the Board in January to pursue family and other interests. Judy has served you well as Membership Coordinator and custodian of our email list for several years. We will miss her. Terry Weldon has decided to step down in May, after eight years of organizing your excellent coach tours. He is already busy putting some of 2014's tours in place. That is how Terry works. There will be more about Terry's dedicated contributions in the Spring issue. The good news is that Terry will continue on the Board in a different portfolio and Pat Rowe will take over as Membership Coordinator under Judy's tutelage.

Moreover, as you know, to help keep you connected to UWaterloo we produce *WATtimes* 3 times a year and we have a website ([retirees.uwaterloo.ca](http://retirees.uwaterloo.ca)) to keep you up

to date between issues about P&B, scholarships, events and other things. You might have noticed that, following Phil Eastman's too early passing, the last four issues were produced by temporary editors. We owe a great debt of gratitude to Chris Redmond, Shirley Thomson and Pat Cunningham (twice) for stepping up to produce excellent issues of *WATtimes*. I am excited to report that we now have a "permanent" *WATtimes* editor, Jay Thomson. I know Jay very well. He will do an extremely dedicated and creative job. You will probably gradually see a new look and new content enter *WATtimes*. Thanks Jay and thanks again to our stand-in editors.

To all of you. Enjoy a safe, warm or cold winter – depending on where you are. I look forward to seeing you in the spring at one or more of our UWRA events.



Data are collected from Cdn astronaut Bob Thrisk by Richard Hughson (r) and colleague Kevin Shoemaker (l).

## BUS TOURS AND SPECIAL ACTIVITIES:

### A Brief Survey of Your Interests – a request from the UWRA Board of Directors

As you may have noted elsewhere in this issue of *WATtimes*, Terry Weldon has completed his term as organizer of bus tours for UW retirees. The Board of the UWRA thought that it was a good time to seek the opinion of members regarding the kinds of activities they would like to have offered in the future. A number of people have completed a survey when they attended one of the recent UWRA events, but others have not had such an opportunity. If you have suggestions for bus tours, local events (e.g., walking tour), or activities (e.g., book club) please send them to Pat Rowe, [prowe@uwaterloo.ca](mailto:prowe@uwaterloo.ca). Thanks very much for your suggestions.

# PROFILE OF CHANDRIKA ANJARIA – by Neal Moogk-Soulis

When Chandrika Anjaria returns to the Waterloo campus, she inevitably sees someone that she knows. “I’m a connector,” she told me as she waved to someone across the Davis Centre cafeteria, “You do what you can for people and sometimes you find yourself changing people’s lives.”

“I’m very blessed that I worked for the University,” she said. It served not only as an employer, but as an inspiration and launch pad for some of her multitude of volunteer activities.

Chandrika grew up in India where her father owned a collection of Texaco gas stations. “Everything was accessible to me then,” she said. It was her father who provided her one of the tenets that would guide her throughout life: always help those less fortunate than you. “My father would pay the school fees and books for the poor families who could not afford to send their children to school. Even now, when I return to India to visit and go to reunions, I see the results. People in their seventies and eighties come up to me and thank me for what my father did.”

Chandrika also had a strong leadership streak that exhibited itself through academic and athletic achievement as she grew up. She took leadership positions in school and at university. From a young age through to the age of 21 she was a champion sprinter and long jumper.

“I was always good at physical activities,” she said. “You have to keep moving or else you just stop. I’m 67 yet I feel like I have the energy of a 50 year old.” Just before we met, Chandrika had finished a session at the gym, the first time since she had had a cataract operation.

Working at the University of Waterloo was not Chandrika’s original life plan. She received an undergraduate degree and a Master’s degree in Psychology in India. Shortly after arriving in Canada as a new bride in May 1972, she was offered a job at the Clarke Institute of Psychology in Toronto but she moved to Kitchener with her husband so did not get chance to work and get Canadian experience. “Education played a very important role in my life.”

When she arrived in Waterloo, an acquaintance who was an Indian graduate student of the University of Waterloo suggested that she apply for a job at the University. Chandrika had taken a nine month key punch course at George Brown College and was hired at the University as a key punch operator for the Department of Computing Services in April 1974.

When she was hired, the University had one computer centre that handled all of the data within the institution including that generated for payroll, human resources, the Registrar’s office, Co-op education, the bookstore and library, engineering machine shop etc. For eleven years, Chandrika input data into the data processing system. Later, she shifted to handling quality control for the data centre.



“In quality control we would review the data output as it came out. For instance, if there were a run of pay cheques that were being generated, was the information appearing on the correct lines?” There were two sections for quality control: one managed student and academic data; the other managed financial data such as payroll. At the time, the department was called Data Processing which merged with Department of Computing Services, now called Information Systems and Technology.

After a decade in quality control, Chandrika moved to the operations side which included scheduling computer runs. This included tasks like setting up the correct tape drives for data retrieval.

In 2000 she shifted again to the client services side of the department, the Computer Help and Information Place (CHIP). It was there that Chandrika came into her own: “I loved the customer service. Talking to people keeps me young.” Working at the CHIP desk included helping students, staff and faculty manage their computer accounts and to acquire software licenses. Among the first things that Chandrika did at the CHIP desk was to set up the Retirees accounts. “I loved talking to all retirees when they came to CHIP and now I am looking forward to see them by joining the retirees association.”

“The most memorable thing for me about the University was the people. I loved my work there and I always looked forward to coming in.” Chandrika worked beyond the age of 65 and when she retired she had been on the University payroll for 39 years and two months.

I could feel the energy emanating from Chandrika as we talked. She never rests for long. Indeed, she has been and continues to be involved in so many organizations that it is difficult to believe that she has any time to rest at all. As with many retirees, she now finds herself even busier than ever.

She has been an active volunteer for more than three decades. "I am a very positive thinker. No one says no to me. My philosophy is that nothing is impossible. If you're healthy, you can help someone else in need."

While on campus, Chandrika organized a walkathon whose proceeds supported each of the area hospitals. Over a twenty year period, over \$300,000 was raised. Chandrika also chaired the United Way Campaign for University of Waterloo, year 2000-2001

Off campus Chandrika has been involved in a host of groups and causes including the India-Canada Association, the KW Multicultural Centre, various City of Kitchener advisory committees, the National Indo-Canadian Council and the Gujarati Association of the Golden Triangle. She also founded Club 55, now called the South Asian Seniors of Waterloo Region, a group support older residents of Waterloo Region with a South Asian background.

The East Indian Ladies Club is another one of Chandrika's ongoing projects that she has been involved with for over 30 years. "Our aim was to create a network for the wives of professors who, once they arrived in Waterloo, were essentially homebound because they had no community."

Family is very important for Chandrika. Her husband retired from the New Dundee Creamery when it closed

in 1998. I asked her whether there was any adjustment necessary since he had a 15-year head start on retirement. "I have the best husband in the world. We have a great understanding of each other." Despite her active schedule, they take afternoon tea together most days.

"I also draw strength from my kids. They are always encouraging me to keep going." Chandrika has also been recognized for her services by a host of organizations including Focus for Ethnic Women and Oktoberfest, city of Kitchener leadership award. Her most prestigious award was receiving the Queen Elizabeth II Diamond Jubilee Medal this year.

As for future plans, "I am taking it one day at a time," she said. Spending more time with her two grandchildren are a priority, as well as travel. She and her husband recently returned from China and have Europe, South America, Australia and New Zealand in their sights. Future plans could also include a serendipitous meeting that connects someone in need with someone who can help.

"I have so many memories from my life. Some were good; others were bad. I'm a better, stronger person and they have changed my life perspective again and again."

*Neal Moogk-Soulis is writer and historian who lives in Waterloo.*

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## UWATERLOO BUILDER, J SAYER MINAS, REMEMBERED

*Former Dean of Arts, J Sayer Minas died on March 27, 2013 at the age of 87. Unfortunately this was missed in the Fall issue of WATtimes. His daughter Sarah reports that "he loved his time at Waterloo so much and every time he got the WATtimes would read it thoroughly". David DeVidi, chair, Philosophy, with Brian Hendley, former Dean of Arts contributed reflections in the ARTS News of April, 2013.*

J Sayer Minas was an important figure in the early history of the Department of Philosophy, but it was in his administrative roles that Minas made his biggest mark at Waterloo. He served two stints as Dean of Arts, from 1967-70 and 1974-79. He also served as Dean of Graduate Studies in 1966-67, and as the University Computing Officer in 1982-83. "The Minas Formula" was used by

the Faculty of Arts for over 40 years to determine equitable allocations of resources to departments.

One colleague recalls that he spent some time as the Interim Chair of the former Department of Human Relations, "which was unable to govern itself because of continued squabbling among its members (the unit was finally disbanded!)" Near the end of his career, Minas moved to the University of Pennsylvania, then to Drexel University.

His PhD thesis was on many-valued logic, and he spent many years working in "operations research" –



a field nowadays more likely to be called “management science”. He also worked in decision theory and in the more mathematical parts of the philosophy of science, including confirmation theory.

Minas is recalled fondly by those who had a chance to work with him as a man of great charm and humour. One remarked on his wit – he was locally well known for his observation that most of the decision theorists he worked with were almost wholly incapable of actually making decisions about the practical details of life. In the words of another, “he was a very remarkable person, one of a kind and sorely missed.”

*Friend and colleague Larry Haworth, Distinguished Professor Emeritus, Philosophy, adds his own observations:*

I first met J Sayer Minas at the University of Illinois, in Champaign-Urbana [as it was then referred to], where we were both philosophy graduate students. I began my graduate studies there in 1949 and J arrived the next year, along with Sue and their young daughter Susie. The first time I was in their Illinois apartment I was struck to see in one room book cases, full of new looking books, on all the walls. It turned out that J had set himself up as a mail-order bookseller. Later, when they lived in Colonial Acres [in a farmhouse he bought from the man, Oliver, who developed Colonial Acres, which was notable for having a bomb shelter built under the garage floor] the books were replaced by old-time printing paraphernalia, including drawer after drawer of wooden type cases full of printing letters of different styles and fonts.

From the beginning J was a sort of take-charge guy. He didn't push himself forward but he exuded quiet confidence. As an undergraduate at Wayne State

University in Detroit he studied with Russell Ackoff, a student of C. West Churchman, both early specialists in Operations Research, and this background no doubt contributed to the competence he brought to confronting issues and devising pathways to solutions.

When J arrived at Waterloo, in 1964, he very quickly became the major figure in the Philosophy Department, and not long after in the Arts Faculty and the Office of Graduate Studies as well. I was induced by him to join the Philosophy Department in 1965. During J's tenure as Dean of Arts he often worked through the night, wearing house slippers that he would sometimes forget to replace with shoes the following morning. These were productive nights. One product was the storied 'Minas Formula', a computer program, written in APL at a time when computers in Arts faculties were more often used as word processors. As I recall, in addition to the positions cited in the *ARTS News* notice reproduced above, J also served briefly as chair of the Department of Economics and as Vice-President, Academic, pro tem.

J brought something special to all of his administrative appointments. He was never just a manager. He committed himself totally to the challenges the jobs presented; he swept nothing under the carpet and faced problems head-on. He was compassionate but willing to make hard decisions. In particular, the Department of Philosophy and Faculty of Arts are better places today than they would have been had J not assumed responsibility for guiding them those many years ago.

Although our paths crossed seldom during the years since he left Waterloo, I felt a huge sense of loss when news came of his death. He was a friend.

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## UWRA COACH TOURS, 2013 & 2014 – by Terry Weldon

Another year of touring by motor coach is now in the history books and judging by the response of UWRA members, our 2013 season was a success. I would like to thank all those who participated for their interest and we hope your participation will continue as we go forward. I would especially like to thank my sidekick, Rediña Caracaz, for her support in handling the reservations. She never fails to deliver instantly with a smile on her face! Thanks, Rediña!

Planning is now underway for our 2014 coach tours and we hope to release the schedule and details very soon.

First notification will be sent to paid-up members on our members' email list, so if you have not yet sent us your email address, you may do so by sending your request to **UWRA@uwaterloo.ca**. Be among the first to hear about our popular trips and have the opportunity to register early while space is available! Non-members should watch our website, **retirees.uwaterloo.ca**, or the spring WATtimes for trip details.

Enjoy your armchair travelling this winter and we'll see you again in the spring!

# ON THE ROAD AGAIN, Hamilton and Niagara-on-the-Lake in the Fall

- by Jean Ann Norman

Progress? A collision of eras? Imminent doom? These are a few thoughts felt when viewing Alex Colville's iconic masterpiece "Horse and Train" on a recent UWRA outing. While this piece has a place of honour in the Art Gallery of Hamilton there are many other facets to this modern downtown gallery. Our docents, Hanno and Elizabeth, explained that Art Galleries are much like icebergs - displaying only about 10% of their holdings at any one time. Given the many images we viewed it is hard to imagine how much more they have behind the scenes, being arranged into more special exhibits.

This special exhibit was "The Spectacle of Play" which encompasses many aspects of play, from a black and white ballet juxtaposed with an 18' Parisian salon style grouping of 19th century paintings to brilliant images of football, baseball, croquet, sledding and hockey. The hockey piece is amazing - a larger than life table hockey game by sculptor Graeme Patterson illustrating Daryl Sittler's historic 10 point game in 1976. The artist painstakingly moved the player's figures into the positions that they would have had during that actual

game and photographed them thousands of times to reproduce a realistic video depicting each goal and assist that Sittler scored.

Moving up the mountain we entered the 108,000 square foot Warplane Heritage Museum, where another type of history is revealed in the 40 plus planes flown by the Canadian Military from World War Two to the present. Our guides, Ken, an ex RCAF and commercial pilot, and Nick, an engineer, were amazing founts of knowledge. We learned how planes are camouflaged from eyes above and below the plane, what the target colours painted on their sides mean, and much more. This Museum is unique because 21 of the planes they have restored are airworthy, and are flown at air shows around the nation. Last year I saw one of only two flight ready Avro Lancaster Bombers lumbering on in the air. There it is, dwarfing the other aircrafts - Harvards, a Tiger Moth, a Fairey Firefly, a de Havilland Chipmunk and many more. These planes must be restored to their original specifications, with parts fabricated from original materials. Many, many skilled volunteers work



**Ted Cross inspects a winter scene of play.**



**Rolf George, Jay and Shirley Howard, Pauline Martin and Neil Hultin (l to r) admire the football bronze.**



**Docent Hanno explains Sittler's great game.**



**Pat Rowe (l) and Bob Norman (r) check details of lost RCAF relatives in the Book of Honour.**



**Guide Ken gives restoration details to the group.**



**Our Snowbird trainee, George Renninger.**

exhausting hours returning these planes to their former life. It took 11 years to restore the Lancaster, others take decades longer. If, like us, you have a relative in the RCAF who was killed in WW II you can look up his/her name, rank, and aircraft in their Book of Honour, placed in a thoughtfully arranged tribute room dedicated to the memory of those who never returned.

The last trip of the season was to the Shaw Festival to see a marvellous production of Guys and Dolls. The large bus load of retirees and friends returned to Waterloo humming.

These were great tours capably organized by Terry and Rediña. Thank you.

## NEW RETIREES – reported by the University of Waterloo human resources department

Name	Position	Department	Hire	Retire
Rosemary Dickson	Food Services Assistant	Food Services	Jan. 95	01-Aug-13
Anna Gerrard	Clinic Assistant	Health Services	Sept. 86	01-Aug-13
James Schurter	MathFrog Co-ordinator	CEMC/Office of Dean of Math	Sept. 06	01-Aug-13
Ana Hohbaum	Kitchen Porter	Food Services	Sept. 05	01-Aug-13
Carol Stewart	Housekeeper	Housing and Residences	Oct. 96	01-Aug-13
Gail Hansen Cunningham	Director, Organizational Services	Housing and Residences	March 87	01-Aug-13
Lois Clifford	Librarian	Renison University College	July 00	01-Aug-13
Joseph Novak	Associate Professor	Philosophy	Sept. 84	01-Aug-13
J. Scott Charles	Production Supervisor	Information Systems Technology	Aug. 70	01-Sept-13
Aloysius Leonard	Manager, Resource Sharing and Reserves	Davis Centre Library	Sept. 90	01-Sept-13
E. Regis Bauer	Freight and Mail Delivery	Central Stores	May 75	01-Sept-13
Lynn Ryan	Receptionist	Centre for Contact Lens Research	Nov. 06	01-Sept-13
Roger Mannell	Professor	Recreation and Leisure Studies	July 79	01-Sept-13
Niels Bols	Professor	Biology	Sept. 77	01-Sept-13
William D. Taylor	Professor	Biology	Aug. 81	01-Sept-13
K. Stephen Brown	Professor	Statistics & Actuarial Science	July 74	01-Sept-13
Ellen Sue Mesbur	Professor and Director of Bachelor of Social Work Programme	Renison University College	Sept. 02	01-Sept-13
Owen Ward	Professor	Biology	March 87	01-Sept-13
Deborah Allerton	Field Education Co-ordinator	School of Social Work, Renison University	Sept. 90	01-July-13
Wendy Mitchenson	Professor	History	July 85	01-Oct-13
Theresa Murray	Residence Attendant	Housing and Residences	July 90	01-Oct-13
Darlene Radicioni	Program Co-ordinator, Graduate and Postdoctoral Programs	Centre for Teaching Excellence	Sept. 88	01-Oct-13
Gail Hudson	Administrative Assistant	Statistics and Actuarial Science	Feb. 99	01-Oct-13
Norma Code	Chairperson Secretary	English Language and Literature	Feb. 87	01-Oct-13
Margaret Yuen	Librarian	Library	April 77	01-Oct-13
Maria Mendes	Custodian	Plant Operations – Custodial	Jan. 86	01-Nov-13
Gina Yun	Administrative Assistant	Dean of Math office	Oct. 88	01-Nov-13
Kevin Stewart	Director, Safety	Safety Office	Feb. 91	01-Nov-13

## KEEPING INFORMED ABOUT UW RECREATION COMMITTEE EVENTS

– by the UW Recreation Committee – Janet, Monica, Rose, Shirley, Verna

UW Recreation Committee events are open to employees of the University of Waterloo and affiliated colleges.

**Retirees are more than welcome to join in the events!** We also have movie tickets from the Galaxy Cinema and the Princess Cinema at reduced prices. The year, 2014, will be a special as the UW Recreation Committee turns 10 years old in April! Watch for a special event to celebrate our birthday! UWRC events can be found at [uwaterloo.ca/uwrc](http://uwaterloo.ca/uwrc). To get further information, or subscribe to the UWRC monthly email list, contact [uwrc@uwaterloo.ca](mailto:uwrc@uwaterloo.ca).

# ASTRONAUTS – GETTING OLDER FASTER

from a presentation at the UWRA Fall Luncheon by Richard Hughson, Schlegel Research Chair in Vascular Aging and Brain Health



**Cmdr. Hadfield performs a UWaterloo experiment in space.**

Chris Hadfield will soon be an Adjunct Professor at the University of Waterloo and bring with him the enthusiasm for space, science and humanity that he displayed to millions of people around the world during his 5-months on the International Space Station (ISS). We have interacted with Chris as a participant in three different research investigations of the impact of spaceflight on the human cardiovascular system.

The University of Waterloo is the centre for space life science research in Canada thanks to the Department of Kinesiology and its interest in all aspects of physical activity and inactivity on human health. My interest in spaceflight was sparked over 30 years ago by the observations that astronauts were returning to Earth with considerable cardiovascular deconditioning (loss of physical fitness and poor ability to regulate their arterial blood pressure when they returned to upright posture). Our first study about 25 years ago used a “space flight simulation” by putting a foam pad on a sheet of plywood and blocking up the feet to achieve a head-down position. My student discovered that after only 4-hours in this head-down position, 5 of 8 healthy young volunteers were unable to maintain their blood pressure when returned to the upright position.

Our spaceflight research started in 2001 with a project called CCISS (and pronounced exactly the same as the

Canadian Security and Intelligence Service – CSIS) to examine blood pressure regulation when astronauts returned from up to 6-months in space. Our final subject for this study was Canadian astronaut Bob Thirsk. He landed in Russia and we were waiting for him at Star City and the Gagarin Cosmonaut Training Centre just outside Moscow when he returned in December, 2009. We let Bob get a night’s sleep then went into his bed room, put him on a backboard and carried him to the lab so that his cardiovascular system was in a state similar to how it was as he floated around on ISS (no adaptation to gravity that day). Overall in the CCISS study, we found that many astronauts returned to Earth with quite good control over their blood pressure. But, there were individual differences and Bob has said in public that he had problems with dizziness for a few days after his flight. To identify these individual differences, we designed a study called BP Reg (blood pressure regulation) that causes blood pressure to change in space just as it does when we stand up on Earth. Large cuffs are placed around the upper legs and inflated to block blood flow for 3-minutes. When the cuff pressure is released, blood pressure drops. We expect that astronauts who have a big drop in blood pressure in space will have the most trouble with dizziness when they return to upright posture on Earth. Currently, we are very excited as our study Vascular is coming to the end of its data collection phase. We have identified increased stiffness in the carotid arteries after spaceflight, and we believe blood samples we collected while the astronauts were in space point to specific markers that might identify the cause.

Our findings from spaceflight have many parallels in the activities in the Schlegel-University of Waterloo Research Institute for Aging (RIA). Older people have troubles with blood pressure regulation, stiff arteries and reduced brain blood flow just like some of the astronauts. Currently, graduate students in my lab are examining different aspects of artery and brain health. You can find more information about the lab here: [www.ahs.uwaterloo.ca/~hughson/cvlab.html](http://www.ahs.uwaterloo.ca/~hughson/cvlab.html).

## CURRENT RIA STUDIES

*Many attending Dr. Hughson’s talk enquired about ongoing investigations and how to become involved.*



The list of topics with the name of the lead investigating student is as follows:

- » Activities of daily living and their impact on cardiovascular and brain health (Dianne Moroz)
- » Balance and brain blood flow after standing (Laura Fitzgibbon)
- » Posture effects on brain blood flow in heart failure (Katelyn Fraser)

- » Hypertension and brain blood flow: benefits of spironolactone (Jason Xeni)
- » Artery and brain health in South Asian population (Ikdip Brar)

They are often looking for volunteers to participate in the research. If you are interested and wish further details, please contact Dr. R. Hughson at [hughson@uwaterloo.ca](mailto:hughson@uwaterloo.ca).

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## EARLY PLANS FOR 2014 SPRING LUNCHEON! - by Pat Cunningham

Forget this winter weather and plan now to attend our Spring Luncheon on Tuesday, May 13, 2014 at the Sunshine Centre/ Luther Village. We look forward to seeing you and other UW friends to hear **Robert Kerton**, Professor Emeritus Economics and former Dean of Arts, speak about *Consumer Battles I Have Known: Public & Private Misadventures*.

Bob's career, that is still on-going in consumer economics, provides many interesting insights into matters that affect each of us in ways we do not always realize.

Bring a guest or two, and enjoy visiting with friends from UWaterloo! (Neither you nor your guest need be a *member* of UWRA; one of you simply needs to be a UW retiree.)

Tickets are \$28 each for UWRA members and guests; \$30 each non-members. Reserve your tickets early!

**NOTE:** To help save costs, we will no longer mail tickets. You will receive an email or call to confirm your order was received and your ticket will be waiting at the door.

### UWRA SPRING LUNCHEON

Tuesday, May 13, 2014

141 Father David Bauer Dr., Waterloo

Speaker - Robert Kerton

*Consumer Battles I Have Known: Public & Private Misadventures*

Cash bar: 11:30 a.m.    Lunch: 12 noon    Door Prizes

Tickets: \$28 each for UWRA members and guests; \$30 each non-members

For tickets, please fill in form below and mail to:

Pat Cunningham, 88 McCarron Crescent, Waterloo, ON N2L 5N2 Phone: 519-888-0334

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#### UWRA SPRING LUNCHEON, Tuesday, May 13, 2014

Name(s)

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Telephone

Email

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No. of Tickets

Amount enclosed

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Please make cheques payable to UWRA. Deadline for ticket sales is **Tuesday, May 6, 2014**.

Parking is available in designated areas at the front, side and back of Luther Village.

# NEWS FROM UWATERLOO – courtesy of Communications and Public Affairs



## UNIVERSITY OF WATERLOO FUELS ONTARIO SPENDING

For every dollar that the Ontario government spends on the University of Waterloo, the university returns nearly nine times that amount in economic impacts to the province, according to a new independent report.

The report, conducted by PricewaterhouseCoopers examines the institution’s role in driving prosperity, also reveals that Waterloo generates more than \$2.6 billion in total annual spending impacts and more than 20,000 jobs in Ontario.

“When you look around Waterloo Region – the startups, the tech giants, the innovative centres for research and policy development – you see the University of Waterloo’s influence,” said Feridun Hamdullahpur, president and vice-chancellor of Waterloo. “Our university is an economic engine, powering the growth of Waterloo Region and contributing significantly to Ontario’s ongoing prosperity.”

In 2011, Waterloo received \$297 million funding from the Ontario government for its operations. In the same year, Waterloo generated \$2.614 billion in spending impacts in Ontario and more than \$1.4 billion in labour income for the province.

The total spending impacts of \$2.6 billion in Ontario comprises \$556 million in direct spending by the University of Waterloo, \$265 million in third-party spending, and \$642 million in Waterloo Innovation Ecosystem impacts. This spending creates an additional \$1.151 billion in indirect and induced economic impacts for a total spending impact of \$2.6 billion.

The report concludes that the University of Waterloo contributes \$1.5 billion annually to the economy in Waterloo Region. Of the overall spending impact, 46 per cent – \$1.2 billion annually – is a result of the university’s role in anchoring the region’s innovation ecosystem and is spending that would not likely occur without the university.

PricewaterhouseCoopers collected data for the study from the university and public sources including Statistics Canada and included a comprehensive survey of companies in Waterloo Region to understand the university’s impact.

“Deep connections with industry, strong support for commercialization of research have made Waterloo a magnet for students, faculty and partners with an entrepreneurial mindset,” said Tim Jackson, vice-president of university relations. “But we’re also attracting companies to this region. International companies such as Google have set up in Waterloo Region to take advantage of the deep talent pool here – and that trend is continuing.”

The survey identified that around half of the 720 companies in the Waterloo Region Innovation Ecosystem said the university was a key factor in their company's start-up or ongoing operations.

Waterloo spinoff companies represent a diverse range of industries, from information and computing technology (33 per cent), to clean technology (17 per cent), advanced manufacturing (17 per cent), life sciences (17 per cent), and digital media (eight per cent).

"As the report makes clear, Waterloo is a leading Canadian example of the positive impact universities can have when they collaborate with industry and drive innovation, economic growth and prosperity," said Professor Hamdullahpur. "Our co-op program is a key component of this. With connections to industry across the globe we are creating a powerful profile for this region on a world stage."

Waterloo operates the largest co-op education program in the world with more than 17,000 co-op students working for 4,500 employers. PricewaterhouseCoopers found that the co-op program is a significant advantage for companies in the Waterloo Region Innovation Ecosystem, given the pervasive labour shortages for high-skilled labour across Canada.

The report also found:

- » The university is a leading source of highly skilled employees that companies depend on for their ongoing success.
- » 72 per cent of companies surveyed in Waterloo Region said they depend on University of Waterloo graduates and students as a source of employment. Of those, 44 per cent said that Waterloo students and graduates made up more than half of their workforce.
- » The university fosters a culture of innovation and entrepreneurship, which helps facilitate the commercialization of ideas and research.
- » The university helps generate and attract a critical mass of talent and highly qualified personnel within Waterloo Region.
- » The university facilitates linkages and collaboration across the Waterloo Region Innovation Ecosystem, which further enhances the innovation process and generating additional economic impact across Ontario.

The University of Waterloo commissioned the report. A summary of its findings are available at [uwaterloo.ca/about/what-we-do](http://uwaterloo.ca/about/what-we-do).



**Brock Kopp, Angelica Ruszkowski, and Karl Price (l to r) with their robotic device.**

## WATERLOO GRADS' SUTURING TOOL MADE DYSON'S LIST

Yes, that Dyson.

A Canadian engineering team with roots in the University of Waterloo was selected as one of the Top 20 ingenious ideas for the 2013 James Dyson Award design competition.

Their invention? A robotic suturing tool, developed through a collaboration with KidsArm project researchers at Toronto's Hospital for Sick Children. The working prototype, intended for use in abdominal surgery, has already been incorporated at SickKids into a full robotic surgery suite that is currently in clinical testing.

The team members included Karl Price, Brock Kopp, and Angelica Ruszkowski, all recent Mechatronic Engineering graduates. Their invention started as a fourth-year design project.

The James Dyson Award is given to university students or recent graduates for "a design that solves a problem." In the team's case, the problem to be solved was the small incisions made during minimally invasive surgery (MIS), which are difficult to suture, or stitch up, using traditional methods. "The growing use of MIS on the operating table turns a once-routine task into a tedious and time-consuming one."

Enter the team's solution: an automated surgery tool that looks like the business end of a sewing machine on an articulated limb, itself attached to a "standard six-axis industrial robot." No word on its bedside manner.

The Waterloo team joined semifinalists from the UK, Germany, Spain, Ireland, Australia, France, Japan, the USA, New Zealand and Austria.

# WE REMEMBER...

reported by the University of Waterloo human resources department

**Susan Porter** died June 16, 2013. Susan began working at the University in October 1988. She worked in Distance Education as the Assignments and Exams Assistant. Susan retired March 1, 1999. She is survived by her husband, David.

**Maria Nikolica** passed away June 19, 2013. Maria started at UW in January 1979 and worked as a Custodian in Plant Operations. She retired December 1, 1990. Maria was predeceased by her husband, George Sr. as well as her son George Jr.

**Elisabeth Smith** died June 15, 2013. Elisabeth was the surviving spouse of retiree Philip Smith who died in June 2006.

**Elizabeth Krech** passed away June 29, 2013. Elizabeth began her employment in December 1969 as Cashier in the Bookstore. At the time of her retirement on June 1, 1991, Elizabeth held the position of Accounting Clerk in the Bookstore. She is survived by her husband, Karl.

**Kenneth Chippier** died June 28, 2013. Ken began working at UW in June 1979. He was a Custodian in Plant Operations until he retired on June 1, 2003. Ken is survived by his spouse, Norma, who is also a UW retiree.

**Claude Holdenmeyer** passed away July 7, 2013. Claude started at UW in November 1964. He was the Animal Care Supervisor in Psychology until his retirement on July 1, 1987. Claude was predeceased by his wife, Stephanie in 2006.

**Vera Leavoy** passed away on July 27, 2013. Vera began her employment in June 1956 as the Research Grants Officer in the Office of Research. She later became the International Programs Officer. Vera retired January 1, 1991.

**Anna Pankratenko** died July 25, 2013. Anna began working at UW in June 1974. She was "Housemother" in Housing and Residences in Village One. Anna retired August 1, 1981.

**Gordon Paterson Dobbin** passed away June 5, 2013. Gordon started working at UW in March 1973. He worked in Co-operative Education and Career Services as a Co-ordinator until his retirement on April 1, 1989. He is survived by his wife, Beryl.

**Lydia Konradi** passed away Aug 1, 2013. She was the surviving spouse of retiree Adam Konradi who died in 1990.

**Dr. Francis Karasek** passed away August 10, 2013. Dr. Karasek began his faculty career at Waterloo in September 1968 in the Chemistry Department. He retired as Distinguished Professor Emeritus on September 1, 1988.

**Myrna Davis** died August 20, 2013. Myrna was the surviving spouse of retiree Harry Davis who died in October 1997.

**Peggy Baker** passed away August 29, 2013. Peggy was the surviving spouse of retiree, Alfred Baker, who died in November 1995.

Professor **Jeno Scharer** passed away September 1, 2013. He began his career at Waterloo in September 1967 as an Assistant Professor in Chemical Engineering. Professor Scharer was promoted to Associate Professor in 1984. He was predeceased in 2010 by his spouse, Lesia Murphy.

**Mary Ennis** died September 2, 2013. Mary was the surviving spouse of retiree Clarence Ennis who passed away in 1988.

**Marija Knez** passed away September 30, 2013. Marija was the surviving spouse of retiree Ivan Knez who died in 1993.

**John Cunningham** passed away October 14, 2013. John began his employment at Waterloo in March 1966. John held the position of Library Attendant in the Circulation Department of the Dana Porter Library until he retired April 1, 1983.

**Patricia Lawrence** passed away July 11, 2013. Patricia was the surviving spouse of retiree Rial Lawrence who died in April 2011.

**Martha McNally**, spouse of retiree Joseph McNally, died June 23, 2013.

**Shirley Westlake** died October 4, 2013. She was the spouse of John Westlake who retired in 2009.

**Theresa Murray** died October 12, 2013. Theresa joined UWaterloo in July 1990. She worked in Village One as a Resident Attendant. Sadly, Theresa only retired October 1, 2013. She is survived by her spouse Murray Scott.

## KEYSTONE DONOR PROFILE

### ELISE DEVITT, Waterloo retiree, world traveller, Keystone supporter

– by Paul McKone, Keystone Co-chair representing staff

The many blessings and good luck she enjoyed with her husband James, allowed Elise Devitt to give back to the place that remains near and dear to her heart.

Elise arrived at Waterloo in 1968, ready to tackle the many challenges of the fledgling university. What was the rest of campus like at that time? “Mud,” she smiles. “Lots of mud.”

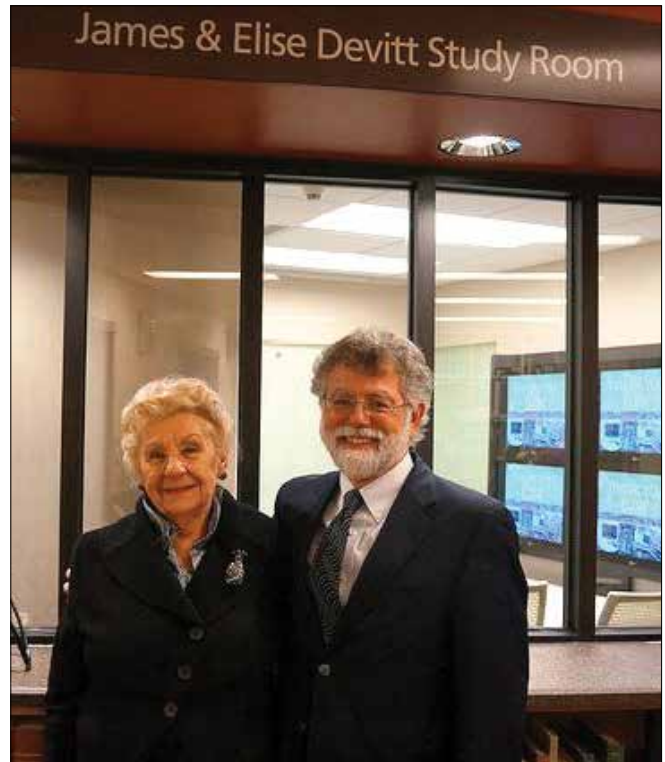
She worked at a variety of jobs in the new Math and Computing building, Needles Hall, and the Dana Porter Library, to which new floors were being added. “The fire alarm kept going off, and we’d have to walk all the way downstairs, only to find it was a false alarm,” she recalls.

Over the years, Elise moved around in the Faculty of Mathematics, sharing in new challenges and adventures. It was Elise’s nature that when she came across a problem, she itched to solve it. That trait still motivates her today.

When she retired in 1991, Elise and her husband, James, who had retired from Uniroyal five years earlier, set out for the southern hemisphere. Together, they drove the length of New Zealand, toured around Australia, and then headed home via Asia. Over the years, they travelled throughout five continents.

Following James’ death in February, 2007, Elise established two scholarships in his memory. Good students, Elise believes, need good support. Excellent marks and financial need are the only prerequisites for these undergraduate and graduate awards.

Another gift from Elise is taking shape on the sixth floor of the Dana Porter Library in the form of an impressive group workspace. The James and Elise Devitt Study Room was officially opened December 17, 2012, the day after what would have been the couple’s 51st wedding anniversary. Friends, family and former workmates came from near and far for the unveiling. The Study Room, with its electronic displays and writeable glass walls, marks the start of extensive changes to the sixth floor.



**Elise Devitt and Mark Haslett, University Librarian.**

Elise is eagerly anticipating the arrival of new study carrels and other features which are still under wraps.

Elise also supports projects outside of the University of Waterloo. As a legacy of her Hungarian heritage, Elise often takes cooking classes when she travels. Her love of cooking was the inspiration for another project: the Jim Devitt Kitchen in the Kibera slum of Nairobi, Kenya, which opened in August, 2010, to provide simple meals for children in the local school. It was just another problem that Elise couldn’t help but try to solve.

See a problem; solve a problem. Give back; pay it forward. Elise Devitt is another example of how those who helped build the University of Waterloo continue to move it, and the world, into the future. Thanks Elise!

# SCENES FROM THE EVER POPULAR FALL RECEPTION



**Christina Pace, University Liaison to UWRA,  
with Bob Norman.**



**Alan George and Pat Cunningham.**



**Pat and Ken O'Driscoll with Tom Fahidy.**



**Cathie Jenkins and Winston Cherry.**



**Ernst Huber with Ian Williams and Laura Sauer.**



**Jerry Bolce (l) and Rolf George (r).**



**Bob and Ann Bean.**



**Arthur Hills and Shirley Thomson.**



**Gail Cuthbert Brandt, Pat Cunningham, Liz Vinnicombe, and  
Pat Rowe (l to r).**

## AN EARLY PEEK AT SPRING ACTIVITIES

Plan to meet old and new friends at our 2014 events

Tuesday, May 13, 2014 – 11:30 a.m.

**UWRA SPRING LUNCHEON** – Sunshine Centre – Luther Village, Waterloo

Tuesday, May 27, 2014 – 3:30 p.m.

**UWRA ANNUAL GENERAL MEETING** – Waterfall Gallery – Luther Village, Waterloo

### SPRING COACH TOURS

Watch for places and dates on the website, [retirees.uwaterloo.ca](http://retirees.uwaterloo.ca),  
or in *WATtimes*, Spring issue. Be informed by email by registering yours  
at [UWRA@uwaterloo.ca](mailto:UWRA@uwaterloo.ca)

**3rd Wednesday each month at noon**

UWRA Board Meeting

## BOARD OF DIRECTORS 2013 - 2014

### President

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Pat Cunningham, 519-888-0334  
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### Social Co-chair, Fall Reception & AGM

Sue Fraser, 519-884-6354  
290 Autumn Place  
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Cell: 226-339-0045

### Coach Tour Reservations & General Inquiries

Rediña Caracaz, 519-885-6719  
B-435 Bairstow Crescent  
Waterloo, ON N2K 2H7  
Email: [rcaracaz@sympatico.ca](mailto:rcaracaz@sympatico.ca)

### UWRA Website

[retirees.uwaterloo.ca](http://retirees.uwaterloo.ca)  
Hazel Kennedy, 519-885-3075  
122 Sandy Ridge Place  
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Email: [hazel\\_austin@hotmail.com](mailto:hazel_austin@hotmail.com)

### Keystone Fund Representative, Scholarship & Bursary Program

Robert (Bob) Kerton, 416-604-4144  
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Email: [bob@kerton.com](mailto:bob@kerton.com)

### Email Distribution and Member at Large

Gail Cuthbert Brandt, 519-684-7060  
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### Honorary Members

Kay Hill  
Harold Ellenton  
Marlene Miles  
Robin Banks\*  
Jim Kalbfleisch

### University Liaison

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Community Relations & Events  
University of Waterloo (NH 3021)  
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Waterloo, ON N2L 3G1  
Email: [c2pace@uwaterloo.ca](mailto:c2pace@uwaterloo.ca)

\* Deceased

# MEMBERSHIP IN UWRA

As a retiree, each year you will receive three issues of *WATtimes*, the newsletter of the University of Waterloo Retirees Association (UWRA). We also encourage you to become a member of UWRA (\$12 annually or \$120 for a life membership). Membership offers benefits and opportunities such as keeping in touch with the university and with former colleagues, making new friends, and enjoying a variety of social activities throughout the year at a special members' rate. Information is also available on the UWRA website, [retirees.uwaterloo.ca](http://retirees.uwaterloo.ca).

In addition, the Board of UWRA is now working to develop as comprehensive an email list as possible of all members who would like to receive additional members-only information from time to time between issues of *WATtimes*. Such information might include updates on pension and benefit discussions and changes, openings on bus tours, volunteer or part-time paid UWaterloo activities, and other timely and relevant information as it becomes available. *Joining this email list is entirely optional and does not change your membership in any way or add to the cost of membership. It is simply intended to improve communication with members who would like more current*

*information sent directly to them as it becomes available. This email list will not be passed on to any other group or agency or used for any other purpose. The list is used occasionally as required.*

To join UWRA, just fill out the form below and mail it, with a cheque payable to UWRA, to Pat Rowe, Membership Coordinator, #6-452 Beechwood Place, Waterloo, ON N2T 1Y8. Including your email address on your application will ensure that you receive additional information as described above. If you have any questions, please email Pat Rowe, the Membership & Records Coordinator, [prowe@uwaterloo.ca](mailto:prowe@uwaterloo.ca).

## MEMBERSHIP STATUS

To determine your membership status, check the line above your name in the mailing address of *WATtimes*, which shows your status. For example, DEC2013 means that you are an Annual Member and are paid up through December, 2013. LIFE2012 means that you took a Life Membership in 2012, and no further fees are required. An empty space indicates that you are not a member of UWRA.

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## MEMBERSHIP APPLICATION and RENEWAL FORM

Date \_\_\_\_\_

Amount:  Lifetime \$120     Annual (calendar year) \$12

Name \_\_\_\_\_

Address \_\_\_\_\_

Postal Code \_\_\_\_\_

Email \_\_\_\_\_ Telephone \_\_\_\_\_

**PLEASE NOTE: Changes of address should be sent directly to Wanda Speek in Human Resources, GSC or email the information, [wspeek@uwaterloo.ca](mailto:wspeek@uwaterloo.ca)**

RETURN UNDELIVERABLE CANADIAN ADDRESSES TO  
UW Retirees' Association  
University of Waterloo  
200 University Avenue West  
Waterloo, Ontario N2L 3G1

Publications Mail Registration No. 40065122

**WATtimes**

OCCASIONAL NEWSLETTER FOR RETIREES

WATERLOO