

GENEROSITY + IMAGINATION = INNOVATION



Mrs. Dorrie Dunlop and long-time friend Trudy Eagan.

In 2001, the AARC Foundation received a generous gift of an endowment from The Edward Dunlop Foundation to honour the late Edward Dunlop, a war hero, successful businessman and former Ontario Cabinet Minister. Mr. Dunlop's volunteer activities were dedicated to arthritis research and education. With this in mind, his wife Mrs. Dorrie Dunlop established The Edward Dunlop Challenge Research Grant, awarded annually.

What makes this \$25,000 grant unique is it provides seed money for feasibility studies or pilot projects in the area of arthritis and autoimmune disorder research. This grant is not meant to provide funding to supplement on-going research but for investigators to test fresh ideas or novel theories that might eventually provide the basis for the submission of a research proposal to external funding agencies or foundations.

The competition is open to principal investigators in the AARC and this year's grant was awarded to Dr. Robert Rottapel. Dr. Rottapel's clinical focus is rheumatoid arthritis, lupus and Hepatitis C associated vasculitis. He is a Professor in the Department of Immunology at the University of Toronto, and Head of the Division of Stem Cell and Developmental Biology at the Ontario Cancer Institute and holds the Amgen Chair for Cancer Research.

Dr. Rottapel is using his grant money to investigate osteoporosis. Normal bone is constantly being created and destroyed. This process ensures that small micro-fractures that we endure on a daily basis are repaired efficiently. Osteoporosis is caused by a disruption of the balance between bone formation and bone destruction. In the elderly, and patients suffering from rheumatoid arthritis, osteoporosis is a leading cause in fractures and morbidity. Dr. Rottapel is hoping to gain important insight into maintaining the proper balance for healthy bones and to be able to identify targets for molecular therapy of this disease.

This is an exciting prospect for investigators – to have a grant in which the only string attached is to test a new idea or process.

"I know Edward would be delighted to know his legacy continues in innovative arthritis research," says Mrs. Dunlop, who maintains a keen interest in the work of the AARC researchers. "Whether the idea succeeds or fails, there is always something to be learned by trying. Without someone taking a chance on a new idea, discovery will not happen."



SEASON'S GREETINGS WITH A COMMEMORATIVE GIFT

Express best wishes this holiday season, send congratulations, celebrate a special occasion or honour the memory of a loved one with a donation.

Tribute giving is an easy way to support arthritis research, any time of year. We'll send a personalized card to the individual(s) letting them know of your thoughtful donation. The amount will not be disclosed and you will receive a charitable income tax receipt. Just fill out the reply coupon and return it to the Foundation office; phone, fax or visit our website at www.beatarthritis.ca Thank you!

The Arthritis & Autoimmunity Research Centre Foundation gratefully acknowledges gifts received between May 10th and October 31st, 2007 **in memory of**:

Renee Bald
Kety Bussolo
Wendell Carroll
Evelyn Clark
Christopher Crump
Mr. Edmondson
Thomas David John Evans

Adel Fam
Louis Garfinkle
Joan Howard
Dorothy Krentz
Albert Kuhnen
Giselle Lazure
Helen Logan

Lydia Bogle's Father
Marjory McKenzie
Ed Mirvish
Ruth J. Norton
Alfred Powis
Joy Richmond
Susan Ritchie

Lillian Salsberg
Charles M. Spence
Muriel Thomas
George Winchester
Colin Young

The Foundation also thanks those who made tribute gifts **in honour** of the following individuals:

A Valued RBC Employee
Macine Bailey
Dr. Simon Carette
Jack Chow
John Evans

Paul D. Flynn
Dr. Duncan Gordon
Dr. Robert Inman
Jackie
Dr. Sindhu Johnson

Dr. Edward Keystone
Luis Marquez
James Meekison and
Carolyn Keystone
Marc Milgrom

Theodore Mills
Alex Sigel



Chris Crump was only 43 when he passed away from complications arising from ankylosing spondylitis (AS). When his wife Theresa found out about the AARC Foundation and Dr. Robert Inman's research efforts into the causes and treatments for AS, she asked family and friends to remember Chris with a tribute gift to the Foundation. Theresa says "for the past three years Chris was unable to work, could not ride his Harley and enjoying everyday activities became a true struggle. He made a wonderful difference to so many people. The love we had for each other was bolstered by hope, hope for a cure, hope for a new treatment so that a person's quality of life would not be diminished. I still carry that hope and my heartfelt thanks goes to AARC scientists. Your work does make a difference."

Chris in 2003 with Theresa and his Harley Davidson ... when he could still ride it.

THE MANY FACES OF SUPPORT

In 1994 Tiziana Tolfo and her family decided they needed to help fund lupus research by throwing a party. They were delighted they were able to raise \$1,300. Now thirteen years later, by planning and staging the annual third-party event Dance for the Cure, Tiziana and her committee have raised over \$500,000 to assist lupus researchers. In Tiziana's words, "Never underestimate the power of friends, family and community to make your vision come true."

There are many ways AARC Foundation supporters are helping fund research. At a recent dinner, Tiziana was one of seven individuals honoured for their commitment to help beat arthritis in its many forms. Don O'Born was paid tribute for his dedication and drive in chairing the Foundation's highly successful signature event Day at the Races; honours were bestowed on Jennifer Mason, a young person affected by rheumatoid arthritis who has been generous with her time in speaking publicly about the need to fund research; and Dena and Peter Silverstone accepted thanks for their commitment to funding rising stars – new young researchers who often can use a helping hand in the early years.



Dr. Murray Urowitz, Tiziana's parents Tony and Connie Risi, and Tiziana Tolfo.

The final tribute of the evening went to Jim Meekison and his wife, Carolyn Keystone. Jim has worked tirelessly in support of healthcare, the arts and education. As a member of the AARC Foundation board, Jim has worked for more than ten years in raising funds for arthritis research. In addition to substantial personal contributions, Jim added yet another accomplishment to his career as an arthritis fund raiser by chairing the Brazilian Carnival Ball. Jim and Carolyn worked continuously for a year in promoting, selling and organizing this event which culminated in a new record of \$2.6 million raised by this very prestigious event.

A spokesperson, a third party fundraiser, an event chair, supporters of rising stars and fundraisers extraordinaire – all helping to beat arthritis.

Thank you.



Jim Meekison, Carolyn Keystone accept their award from John Teolis.

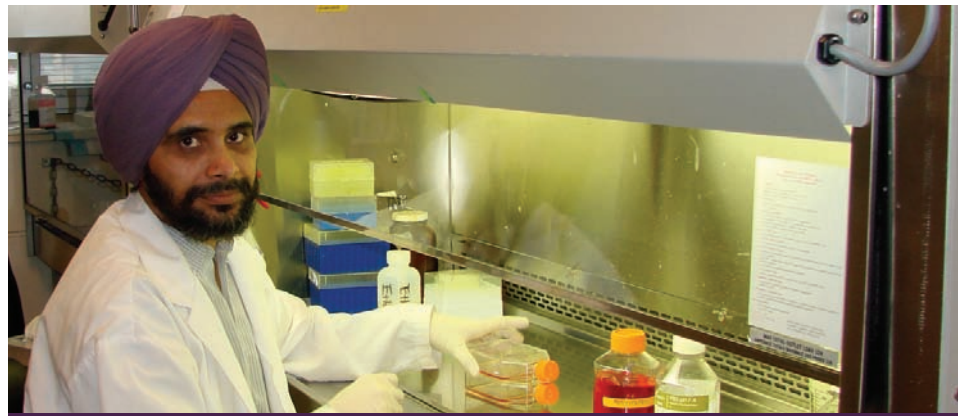
To find out how you can support research,
please contact, Executive Director Gerri Grant
at (416) 340-3937

CONGRATULATIONS!

Two \$30,000 stipends have been awarded to Postdoctoral Fellows **Dr. Mantej Bharhani** from Dr. Rob Inman's lab and **Dr. Vinod Chandran** from Dr. Dafna Gladman's lab. These funds are raised by the AARC Foundation and are part of our annual disbursement to the Research Centre.

This June, **Dr. Robert Inman**, Director of the Arthritis Centre of Excellence at Toronto Western Hospital and AARC scientist, was awarded the 2007 Jonas Salk Award by the March of Dimes of Canada and sanofi pasteur. Considered a pioneering arthritis researcher, Dr. Inman is one of only a handful of researchers who have devoted their careers to advancing the scientific knowledge and treatment of ankylosing spondylitis (arthritis of the spine). It is one of the most common forms of arthritis affecting young adults, primarily young men. The Jonas Salk Award is presented annually to a Canadian scientist, physician or researcher who has made a new and outstanding contribution in science or medicine to prevent, alleviate or eliminate a physical disability.

Dr. Paul Fortin, Clinical Research Director of the Arthritis Centre of Excellence and AARC Scientist, has been named a Distinguished Senior Research Investigator by the Arthritis Society. This award is The Society's most senior salary award. These individuals help ensure there is a strong mentoring environment for



Dr. Mantej Bharhani.



Dr. Dafna Gladman with postdoctoral fellow Dr. Vinod Chandran.



Dr. Paul Fortin.



Dr. Robert Inman.



Dr. Eleanor Fish.

trainees and the arthritis leaders of the future. In addition, this November Dr. Fortin was promoted to Professor of Medicine by the University of Toronto.

The Arthritis Society also awarded **Dr. Eleanor Fish**, Director of the Research Centre, a three year

research grant for her project entitled "The Role of fibrocytes in the pathogenesis of rheumatoid arthritis." Grants are made to provide for the employment of research assistants, technicians, and the purchase of supplies necessary for the effective execution of the proposed research.



4TH ANNUAL ST. REGIS ROOM FASHION SHOW



The St Regis Room Fall Fashion Show was once again a superb event, featuring the very finest in fall fashions, under the expert guidance of HBC, Brenda Emslie and The Room. Thanks in large part to the leadership of Honourary Chair Liz Tory, and event Chair Marg Franklin, the Fashion Show has raised over \$150,000 to date to help fund the critical research taking place at labs and clinics across University Health Network.

On behalf of the Foundation staff and board of directors, thank you for helping us beat arthritis!



8TH ANNUAL DAY AT THE RACES



This year we celebrated a million dollar milestone, raising over one million dollars for the AARC Foundation to date.

Championed once again by Chair Don O'Born, September 30th was a fun-filled day of horse racing, gourmet food, refreshments and excitement. The AARC Foundation would like to recognize Presenting sponsor The Printing House Ltd, Honourary Chair and AARC Rheumatologist Ed Keystone and Downtown Fine Cars for their ongoing dedication, commitment and support. In addition we would like to acknowledge the tireless efforts of the many doctors, donors and volunteers who work together to make this happen.

Thank you for joining the race to beat arthritis. We look forward to seeing you next year. For highlights of the Million dollar celebration please visit www.beatarthritis.ca



HELPING MAKE A BIG DIFFERENCE

The Foundation would like to thank the following for significant contributions since January 1, 2007:

- *Bristol-Myers Squibb Canada Inc* for contributing to the advancement of arthritis research and education.
- *Schering-Plough Canada* for its generosity and belief in funding leading-edge research.
- *Great-West Life* for its support of a major study on arthritis and the labour force participation in the working age population.
- *Scotiabank* for its pledge payment toward the establishment of Director's Chair for the Convergence.
- *TD Financial Group* for this year's contribution to the launch of the TD Fund for Medical Discovery.
- *WB Family Foundation* for their leadership in developing the Convergence Centre for Medical Discovery enabling collaboration among specialists in computational biology, medical informatics, developmental biology, immunology, and transplant science.
- *Ken and Sheila McArthur* for their support of arthritis research and the Hand Program's Manktelow lecture series.
- *Alf Wirth* for continuing to build the Wirth Endowment for Arthritis Research.
- *Liz Wirth and Dena and Peter Silverstone* who assist the work of young rising stars, Drs. Carole Galligan and Paul Fortin respectively.
- And to *Bob and Joan Wright*, long time supporters of collaborative arthritis and autoimmune disorder research.



Dena Silverstone, Dr. Paul Fortin and Peter Silverstone at a recent donor thank you dinner.



Members of the WB Family Foundation on a tour of the Beamish Centre for Convergence.

DONOR DOLLARS AT WORK

Two years ago, Dr. Carole Galligan was introduced to our readers in an issue of the *Newsflash*. Upon completion of her training, she hoped to set up her own lab with the Arthritis & Autoimmunity Research Centre. Well, Carole is closer to realizing that goal thanks to the generosity of Liz Wirth. Liz understands the important role research plays in the future of medicine, and established a fund to support a post doctoral fellow in Dr. Eleanor Fish's lab. After meeting Carole personally, Liz decided this fund could be used to support Carole's work, allowing her to manage and steward research projects and conduct experiments.

One of Carole's greatest achievements to date has been to publish an article on gene expression in the publication *Genes and Immunity*, first online in June and in the magazine in August.

Gene expression profiling is a research method that measures messenger ribonucleic acid made from many different genes in various cell types. It allows the comparison of gene expression between normal and diseased cells to answer the question "*what genes are expressed in a particular cell type of an organism, at a particular time, under particular conditions?*"

Carole's research involves identifying genes in subgroups of diseases, particularly rheumatoid arthritis (RA) and osteoarthritis (OA). Her research aims to help predict which patients may respond to treatment, and which patients may be at increased risk of developing arthritis. This is particularly important because "there is no one clinical diagnostic tool to diagnose RA, clinicians have to go through many steps to assess a patient suffering from arthritis to diagnose and prescribe medication, which might or might not work for that individual," says Carole.



Drs. Fish and Galligan.

However, with the study of gene expression profiling, she is striving to learn more about the initiation of the disease and predict if a person will develop arthritis in ten years, for example. This will be a tremendous advancement and would revolutionize the way arthritis is being treated today. Carole's research is revealing how cells behave under various conditions. She is trying to find out if there could be easier diagnostics and if a disease could be prevented at the cellular level. Carole says, "it is not understood how the disease begins and how it progresses to the mature stage. There is still more work to be done and, thanks to Liz Wirth's generosity, we are getting closer to understanding the mysteries of the autoimmune response."



CHARLIE SPENCE MEMORIAL GOLF CLASSIC

Charlie Spence was a true blue Scotsman and loyal fan of the Glasgow Rangers and Toronto Maple Leafs.

Like most Canadians, Charlie and his wife Janette enjoyed vacationing across the border and in July 2003, they headed out for their regular two-week Florida vacation. Throughout the trip Charlie voiced concerns of not feeling well, suffering from sore joints, aches and pains. On the drive back Charlie took a turn for the worse, making it necessary for Janette, a timid driver, to navigate the long journey home.

Unable to move and swollen from head to toe, the family took Charlie to the emergency department. Finding it hard to breathe, he was taken into critical care with the suspicion of pneumonia. After a series of tests Charlie was diagnosed with Vasculitis, a rare group of diseases characterized by inflammation of the blood vessel walls including veins, arteries and capillaries.

Tragically, within two weeks of his diagnosis, Charlie passed away on August 13th, 2003 from complications arising from Wegener's Granulomatosis, a rare form of vasculitis.



Derek, Craig, Lorraine and Dr. Simon Crette.

Charlie's children Lorraine, Derek and Craig were so moved by the attendance at their father's funeral they decided something special had to be done to carry on his passions in life. Holding a golf tournament in Charlie's honor would be a great way to bring together family and friends on the anniversary of his death. On August 11th 2007, the inaugural Charlie Spence Memorial Golf Classic was held.

The Vasculitis Clinic, the largest of its type in Canada, serves as a referral centre for patients from across the country suffering from various vasculitides, including Wegener's granulomatosis, Churg-Strauss, microscopic polyangitis, polyarteritis nodosa and Takayasu arteritis.



Not wanting other families to go through the same experience, the Spences decided to donate the funds raised to vasculitis research. On October 10th they presented Dr Simon Crette, Head of Rheumatology at University Health Network, with a cheque for \$7,000.

If you would like information on holding a third party event in support of arthritis research, please contact Lisa Ripper, Community Awareness & Events Manager, at 416-340-3607 or lisa.ripper@aarcf-uhn.ca

A YEAR TO BEAT ARTHRITIS



St. Regis Room Fashion Show.



Raffle Co-Chair Silvia Galanopoulos with UHN Volunteers Betty and June.



Yoga participant Julie Pangilinan.



Yoga team from Dr. Fish's lab.



Day at the Races.



Straughn Inman, Morton and Marilyn Ritz, Dr. Anne Langlois.



Dr. Simon Carette and Gary Norton.



Drs. Eleanor Fish and Dafna Gladman.



Jane Harvey, Vivian Saffer and Stephanie O'Born.

SAVE ON YOUR TAXES AND HELP BEAT ARTHRITIS!

The federal government has eliminated capital gains taxes on shares that are donated to a charity.

A gift of stock entitles you to a charitable tax receipt for the full value of your donation. For receipting purposes, the value of gifts of stock is based on the closing price of the stock on the day the stock is received by the Foundation.

As with all charitable donations, a certain percentage of the donation becomes a non-refundable tax credit which has the effect of lowering your taxes payable in the year. Charitable tax credits can also be brought forward and used in future tax years. You don't need to use the whole amount in one year, and you can spread out your tax savings over 5 years.

Below is a simple chart which illustrates how you can save thousands of dollars in capital gains taxes by donating shares directly to the AARC Foundation. Here's how the tax savings work...

Say, for example, that Jack, a loyal donor to the AARC Foundation, bought 500 shares of Big Bank Corp in 1995 for \$25 per share. Over time, the value of Jack's shares has risen to \$75 per share. Jack wants to help the



Foundation in a more substantial way than his usual \$1,000 annual donation.

The first column shows what happens if Jack sells his shares, and then donates the proceeds, while the second column shows the impact of Jack donating the shares directly with a gift of stock.

	SELL SHARES & DONATE PROCEEDS TO AARCF	DONATE SHARES DIRECTLY TO AARCF
Number of Shares	500	500
Current Value	\$37,500	\$37,500
Purchase Price	\$12,500	\$12,500
Capital Gains	\$25,000	\$25,000
Capital Gains Taxes*	\$5,801	\$0.00
Donation to AARCF	\$31,699	\$37,500
Tax Credit**	\$12,692	\$15,023

* Highest marginal tax rate for an Ontario resident.

** Resident of Ontario.

The information provided above is for illustrative purposes only.

Please consult your financial or legal advisor for tax-effective giving that is right for you.

By making a gift of stock, Jack will not pay \$5,801 in capital gains taxes and receive \$2,331 in extra charitable tax credits for a total of \$8,132 in extra tax savings. Plus, the Foundation receives an even larger donation to help beat arthritis!

Making a gift of stock is not difficult. First, evaluate your financial situation to ensure a gift of stock is right for you at this time. Secondly, seek the advice of a professional advisor (your lawyer, accountant, tax or investment advisor) so you are aware of all the financial implications.

Making a gift of stock is a 'triple win' for you:

- You support the work of the Arthritis & Autoimmunity Research Centre, considered Canada's most comprehensive collaborative facility dedicated to arthritis and related autoimmune disorder research.
- You receive a charitable tax receipt to offset income.
- You pay no capital gains tax on the appreciated value of the securities.



The American Friends of UHN, Inc. accepts charitable gifts for programs at the Arthritis & Autoimmunity Research Centre, Toronto Western Hospital, Toronto General Hospital and Princess Margaret Hospital. This U.S. foundation is tax exempt under Internal Revenue Code 501 (c) (3) and issues tax receipts the same as those provided by other U.S. charities. The following have been appointed as Officers of The American Friends of UHN Inc., to hold the offices referred to opposite their respective names at the pleasure of the Board:

Neville Kirchmann, Chair of the Board
David W. Smith, Treasurer
John W. Teolis, Secretary

Gerri H. Grant, President
Asha Raheja, Chief Financial Officer

To make a gift of securities, for more information about The American Friends of UHN, Inc. and other giving opportunities, please contact Executive Director, Gerri Grant at 416-340-3937.

UPCOMING EVENTS

Dance For the Cure

Terrace Banquet Centre
Saturday January 26th, 2008

Please join us for the 2008 Winter Wonderland – Dance For The Cure on Saturday January 26th at the Terrace Banquet Centre in Concord. Since its inception the gala has raised over \$500,000 in support of lupus research. Thanks to Tiziana Tolfo, her family and friends, Dance for the Cure continues to be an important event raising critical funds and awareness for the AARC Foundation and Lupus Ontario.

To find out more about Lupus and details of the event, visit www.dancefortheure.ca



Power of Movement

Wellesley Community Centre
Sunday February 24th, 2008

The AARC Foundation is proud to present the 2nd annual Power of Movement hot yoga challenge, at the Wellesley Community Centre in Toronto on Sunday February 24th, 2008. Last year's event raised a tremendous \$50,000 for arthritis & autoimmune disease research.

Mark your calendars and stay tuned to www.powerofmovement.ca for details of the challenge and registration information! Join over 250 yogis for the largest ever hot yoga class held under one roof in Canada!

For information on how to get involved please contact Lisa Ripper 416-340-3607 or visit www.powerofmovement.ca



Spring Fling

Le Dome Banquet Hall
Saturday April 5th, 2008

On Saturday, April 5th, 2008, the inaugural Lupus Spring Fling will take place at Le Dome Banquet Hall in Oakville, Ontario. This dinner and dance event will raise critical funds and awareness in support of the AARC Foundation for lupus research taking place across University Health Network.

For more information on how to show your support click www.lupusspringfling.com



Arthritis & Autoimmunity Research Centre Foundation

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