



ANNUAL REPORT

2013 - 2014



Arthritis Research Centre of Canada
Arthrite-recherche Canada

LEADING RESEARCH. FINDING ANSWERS. SAVING LIVES

- MISSION STATEMENT -

To transform the lives of people living with arthritis through research and engagement.



Arthritis Research Centre of Canada
Arthrite-recherche Canada

Leading research. Orienter la recherche.
Finding answers. Trouver des réponses.
Saving lives. Sauver des vies.

TABLE OF CONTENTS

| | |
|---|----|
| Message from the Scientific Director | 4 |
| Message from the Executive Director | 6 |
| Message from the Outgoing and Incoming Chairs | 7 |
| Scientific Team | 8 |
| Working Together To Make A Difference | 10 |
| ARC Champion Award | 11 |
| With Thanks | 12 |
| Your Donations At Work | 13 |
| 2014 ARThritis Soirée | 14 |
| 2013 ROAR | 16 |
| Statement of Financial Position | 18 |



MESSAGE FROM THE SCIENTIFIC DIRECTOR

Dr. John M. Esdaile - MD, MPH, FRCPC, FCAHS, MACR

SCIENTIFIC DIRECTOR,
Arthritis Research Centre of Canada

PROFESSOR OF MEDICINE,
University of British Columbia

The Arthritis Research Centre's Scientific Team had a phenomenal 2014. Every person at ARC contributes directly to the Centre's success in important ways and for one specific reason: To improve the health of Canadians living with arthritis. We exist to change and save lives, and that both drives and joins us together, and makes ARC a great place to work.

ARC's ground-breaking research has led to more funding to find new ways to prevent arthritis and understand key causes of complications caused by arthritis. Equally important, there have been major advances in moving ARC research findings into the hands of those that need them most – Canadians with arthritis. And by working and volunteering alongside arthritis patients/consumers as research collaborators and partners, our scientists have received more funding to take their knowledge translation efforts to an even higher level.

ARC has a multi-disciplinary perspective towards its work, thanks to the Centre's scientists who come from many different health expertise domains – rheumatology, orthopedics, physical rehabilitation, occupational therapy, pharmacy, pharmacoepidemiology, epidemiology, health services, health systems, biostatistics, health economics, and education. This diversity of scientific views and expertise allows ARC to tackle the myriad of problems caused by arthritis, and through many approaches. ARC is now North America's largest arthritis research centre for hands-on research.

Since its inception, ARC continues to lead the way in involving people living with arthritis and inflammatory diseases from idea generation to completion. Examples of this are two recent grants – one on inflammatory arthritis complications involves ARC's Arthritis Patient Advisory Board and three national arthritis consumer

organizations: Arthritis Consumer Experts, the Canadian Skin Patient Alliance, and the Canadian Society of Intestinal Research. The second, a digital media grant to get information out to patients involves four health care organizations from across Canada.

These are just a few examples of the approximately 75 research projects currently underway at ARC. We are immensely appreciative of the continued and generous support from all our funding agencies and donors. We will continue to work hard on your behalf, to find answers for all those struggling with arthritis.



MESSAGE FROM THE EXECUTIVE DIRECTOR

Shauneen Kellner
EXECUTIVE DIRECTOR

This past year has been full of amazing achievements and changes at the Arthritis Research Centre of Canada.

We are extremely thankful to the Government of British Columbia for recognizing the urgent need for arthritis research. Arthritis is the leading cause of disability and their commitment to partner with us to seek answers and find solutions will be transformational.

We continue to be humbled by the ongoing support of our loyal donors and are thrilled with the increase in new donors as they become aware of the work that we do. We are grateful that the support we receive makes it possible for us to produce world class research into

the prevention of arthritis and improves the lives of those living with this disease.

Change was brought forward through the dedication of the Board of Directors and staff members who worked hard at creating a new and challenging three year Strategic Plan that will move us forward in accomplishing our goal to meet and exceed your expectations. We reviewed and updated our Mission, Vision and Value statements to ensure that they were aligned with our passion to make a difference through our research.

I ask that you join me in continuing to make arthritis research a priority. Recent statistics report that more than 4.6 million Canadians aged 15 years and older have arthritis and that number is expected to increase to 7 million by 2031. While this data is alarming, it provides us with the focus and purpose to continue challenging ourselves to accomplish our goals of Leading Research, Finding Answers and Saving Lives.

Together we can make a difference!

MESSAGE FROM OUTGOING BOARD CHAIR, Ron McKerrow

As I step down as the Board Chair of ARC, I find myself reflecting on the past several years. ARC has gone through some amazing transformations and has emerged stronger than ever. We are housed in a beautiful facility in Richmond, thanks to Progressive Construction, and are thankful for the successful funding we've received.

I want to thank all the Board members and staff who have supported me over the years and I look forward to future contributions our scientists will make in helping those with arthritis.



MESSAGE FROM INCOMING BOARD CHAIR, Dan Parlow

On behalf of the Board of Directors, I would like to thank Ron McKerrow for his dedication and commitment as Board Chair over the past six years. In particular, Ron's deep knowledge and understanding of alternate structures for funding and relationship-building has been critical in transitioning ARC to a full and independent self-governing, pan-Canadian organization. As incoming Chair, I look forward to continuing our mission of transforming the lives of people living with arthritis through research and engagement.



ARC BOARD OF DIRECTORS 2013-14

Ron McKerrow, **Chair**
Daniel Parlow, **Vice Chair**
Joe Atkinson, **Finance Chair**

Don Elkington
Martina Franchi
Colin Hansen
Cheryl Koehn

Marilyn McCaig
Naz Panahi
Rona Radler
Joe Rogers

SCIENTIFIC TEAM

John Esdaile - MD, MPH, FRCPC, FCAHS
Scientific Director

APPOINTMENTS

Professor of Medicine
Division of Rheumatology
Department of Medicine
University of British Columbia

Aslam Anis - PhD, FCAHS
Senior Research Scientist Health Economics

APPOINTMENTS

Professor, Health Economics
School of Population and Public Health
University of British Columbia
Director
Centre for Health Evaluation and Outcome Sciences (CHEOS)
Providence Health Care
National Co-Director
CIHR Canadian HIV Trials Network (CTN)

Antonio Aviña-Zubieta - MD, MSc, PhD
Research Scientist, Rheumatology
BC Lupus Society Scholar

APPOINTMENTS

Assistant Professor
Division of Rheumatology
Department of Medicine
University of British Columbia

Catherine Backman - PhD, OT(C), FCAOT
Research Scientist, Rehabilitation

APPOINTMENTS

Professor and Head
Department of Occupational Science & Occupational Therapy
University of British Columbia
Affiliated Researcher
Vancouver Coastal Health Research Institute

Nick Bansback - MSc, PhD
Research Scientist, Health Economics

APPOINTMENTS

Assistant Professor
School of Population and Public Health
University of British Columbia
Scientist
Centre for Health Evaluation and Outcome Sciences (CHEOS), Providence Health Research Institute

Cheryl Barnabe - MD, MSc, FRCPC
Research Scientist, Rheumatology

APPOINTMENTS

Assistant Professor
Division of Rheumatology
Department of Medicine and Department of Community Health Sciences, University of Calgary

Hyon Choi - MD, DrPH, FRCPC
Research Scientist, Rheumatology

APPOINTMENTS

Professor of Medicine
Boston University

Jolanda Cibere - MD, FRCPC, PhD
Senior Research Scientist, Rheumatology

APPOINTMENTS

Associate Professor
Division of Rheumatology
Department of Medicine
University of British Columbia

Ann Clarke - MD, MSc, FRCPC
Research Scientist, Rheumatology
Arthritis Society Chair in Rheumatic Diseases/Rheumatology

APPOINTMENTS

Professor
Division of Rheumatology
Department of Medicine
University of Calgary
Vice Chair
Systemic Lupus International Collaborating Clinics (SLICC)

Mary De Vera - MSc, PhD
Research Scientist, Pharmacoepidemiology

APPOINTMENTS

Assistant Professor
Faculty of Pharmaceutical Sciences
University of British Columbia

Paul Fortin - MD, MPH
Research Scientist, Epidemiology

APPOINTMENTS

Professor
Centre de Recherche
Université Laval
Clinician-Scientist
Centre de recherche du Centre hospitalier universitaire de Québec

Donald Garbuz - MD, MHSc, FRCSC
Research Scientist, Orthopaedics

APPOINTMENTS

Professor, Orthopaedic Surgery
Department of Orthopaedics
University of British Columbia

Charlie H. Goldsmith - MSc, PhD
Milan and Maureen Ilich/Merck Chair in Statistics for Arthritis and Musculoskeletal Diseases

APPOINTMENTS

Professor, Health Sciences
Simon Fraser University

Nelson Greidanus - MD, MPH, FRSCS, PhD Candidate
Research Scientist, Orthopaedics

APPOINTMENTS

Assistant Professor, Orthopaedic Surgery
Department of Orthopaedic Surgery
University of British Columbia

Jacek Kopec - MD, PhD
Senior Research Scientist, Epidemiology

APPOINTMENTS

Professor
School of Population and Public Health
University of British Columbia

Diane Lacaille - MD, MHSc, FRCPC
Senior Research Scientist, Rheumatology
Mary Pack Chair in Rheumatology

APPOINTMENTS

Professor
Division of Rheumatology
Department of Medicine
University of British Columbia

Linda Li - BSc(PT), MSc, PhD
Senior Research Scientist, Clinical Epidemiology
Harold Robinson Chair/Arthritis Society Chair in Arthritic Diseases

APPOINTMENTS

Associate Professor
Department of Physical Therapy
University of British Columbia

Carlo Marra - PharmD, PhD, FCSHP
Research Scientist, Pharmacoepidemiology

APPOINTMENTS

Assistant Professor, Pharmacy Practice
Department of Pharmaceutical Sciences
University of British Columbia
Director
Collaboration for Outcomes Research and Evaluation (CORE)

Deborah Marshall - PhD, MHSA
Research Scientist, Health Services Research and Health Economist

APPOINTMENTS

Canada Research Chair
Health Services and Systems Research
Associate Professor
Department of Community Health Sciences
Director
Health Technology Assessment
Alberta Bone Joint Health Institute Faculty of Medicine
University of Calgary

Kamran Shojanian - MD, FRCPC
Clinical Trialist and former Director of Clinical Trials

APPOINTMENTS

Head
UBC, St. Paul's and VGH Divisions of Rheumatology
Postgraduate Program Director
Rheumatology
Department of Medicine
University of British Columbia

AFFILIATE SCIENTISTS

Jan Dutz - MD, FRCPC
ARC Affiliate Scientist

APPOINTMENTS

Professor
Department of Dermatology and Skin Science
Children and Family Research Institute
University of British Columbia

Michael A. Hunt - PhD
ARC Affiliate Scientist

APPOINTMENTS

Associate Professor,
Department of Physical Therapy
Director, Motion Analysis and Biofeedback Laboratory,
University of British Columbia

Anne Townsend - MA, PhD
ARC Affiliate Scientist

APPOINTMENTS

Research Associate
Department of Occupational Science and Occupational Therapy
University of British Columbia

WORKING TOGETHER TO MAKE A DIFFERENCE

Provincial Government of British Columbia and Arthritis Research Centre of Canada (ARC)

Through the Ministry of Health, the Province of British Columbia announced a \$3 million grant to advance the work of the Arthritis Research Centre of Canada (ARC). These funds are to support ARC's leading edge research to improve the lives of more than 600,000 British Columbians living with arthritis. ARC's team of research scientists are dedicated to research that is focused on arthritis prevention, diagnosis, prognosis and addressing quality of life issues. The Province of British Columbia recognizes those affected with arthritis want and deserve a healthy future. Healthy families, healthy communities and a healthy workforce are important to everyone and our government is taking a leadership role in arthritis prevention and treatment.



Province of British Columbia presents \$3 million in funding

(Left to right) Ron McKerrow Board Chair ARC, Terry Lake Minister of Health, Dr. John Esdaile Scientific Director ARC, Minister Teresa Wat MLA Richmond Centre, Linda Reid Speaker of the House & MLA Richmond East.

ARC CHAMPION AWARD

PRESENTED TO MAUREEN ILICH

The ARC Champion award is presented to an individual or company that has made a unique and significant contribution to Arthritis Research Centre of Canada's growth and development.

For ARC, that describes the very essence of the support and generosity bestowed upon us by the Milan & Maureen Ilich Foundation. In 2012, with a donation of \$4 million the Milan Ilich Arthritis Research Centre was established. This gift, coupled with five years of rent-free office space from Progressive Construction, has provided ARC a secure base from which to advance our world class research and encourage other like-minded donors to follow their lead.

Therefore, it was with great honour that ARC, in partnership with the Minister of Health, presented Maureen Ilich with the ARC Champion Award. As it was Milan and Maureen's intention that we use their donation to inspire others to give, it seemed only fitting that Maureen Ilich be given this award at the announcement to mark the Province of British Columbia's \$3 million commitment to advancing arthritis research.

The Arthritis Research Centre of Canada is incredibly proud to be able to acknowledge Maureen Ilich with our most prestigious award.



ARC Champion Award

(Left to right) Ron McKerrow Board Chair ARC, Maureen Ilich, Terry Lake Minister of Health.

WITH THANKS...



The Arthritis Research Centre of Canada's (ARC) work is made possible through the generous support of government, granting agencies, foundations and individuals. We wish to extend a special thank you to the Canadian Institutes of Health Research, University of British Columbia, McCaig Institute for Bone and Joint Health, Michael Smith Foundation for Health Research, The Arthritis Society, Fonds de la recherche en santé de Québec and the Alberta Innovates Health Solution.

And a heartfelt thank you to members of our annual Fellows Circle Giving Program. It is an honour to acknowledge your ongoing support and generosity.

Discovery Circle

Milan & Maureen Ilich Foundation
Province of British Columbia

Scholars Circle

Barry & Laurie Cavanaugh & Family
Lynn Hsu

Fellows Circle

Dr. Aslam & Janet Anis
Fraser & Andrea Atkinson
Joe & Elizabeth Atkinson
Dr. Catherine Backman
Frank & Julie Barker
Shirley Barnett
Christine Basque
Jane Bern
Beta Sigma Phi
Brockmann's Chocolate Inc.
Senator Patricia Carney

CIBC Children's Foundation
Dr. Jolanda Cibere
Don and Carolyn Elkington
Ron & Susan Emerson
Dr. John M. Esdaile
Dr. Paul R. Fortin
Dale Gausman
Kelly & Sylvia Heed
Lianne Gulka & Carl Hoyt
Dr. Nancy Hudson
Marietta Hurst
Shauneen M. Kellner
Sheila & Hamish Kerr
Cheryl Koehn
Dr. Barry & Mary Koehler
Dr. Jacek Kopec
Dr. Diane Lacaille
Judy Leung
Dr. Linda Li
Lohn Foundation

Jim & Mollie Longo
Jeffrey & Marilyn McCaig FDN
Louise McKechnie
Ron & Leslie McKerrow
Patti Nakatsu
Amitis Panahi
Naz Panahi
Panahi Family
Dan & Faye Parlow
Céline Pitre
Rona & David Radler
Dr. Harold S. Robinson, In Memory
C. Joseph Rogers
Dr. Robert Rothwell
Saeedeh Salem
Dr. Kam & Anna Shojania
Susan Shacker & David Stadnyk
Elaine Thorsell
Glen & Lorraine Urquhart

Please note the above recognition is based on gifts given in the 2013/2014 fiscal year.

YOUR DONATIONS AT WORK

- \$10,000..... provides supplies needed to run our research patient examination room for one year
- \$30,000..... provides funding for our patient advisory group which contributes critical input to our research
- \$50,000..... can support a young PhD scientist in their investigation of new treatments for people with arthritis.
- \$120,000..... can fund the work of a leading scientist in an area of ground-breaking research



Photo courtesy of CHHM



2014 ARTHRITIS SOIRÉE

Since its debut in 2013, the ARthritis Soirée has quickly become the signature fundraising event for the Arthritis Research Centre of Canada. The 2014 ARthritis Soirée was a great success raising \$248,000 to benefit arthritis research.

The 2014 ARthritis Soirée was centered on the chosen art form of photography. The elegant cocktail reception included a beautiful exhibit featuring six individuals who shared their journey with arthritis through pictures and words. We are tremendously grateful to all our sponsors, artists and the organizing committee, who under the leadership of ARthritis Soirée Chair Naz Panahi, worked tirelessly to raise awareness and funds for Canada's most costly disease.



THANK YOU ARTHRITIS SOIRÉE SPONSORS

- PRESENTING SPONSOR -



- GOLD SPONSOR -



- SILVER SPONSOR -



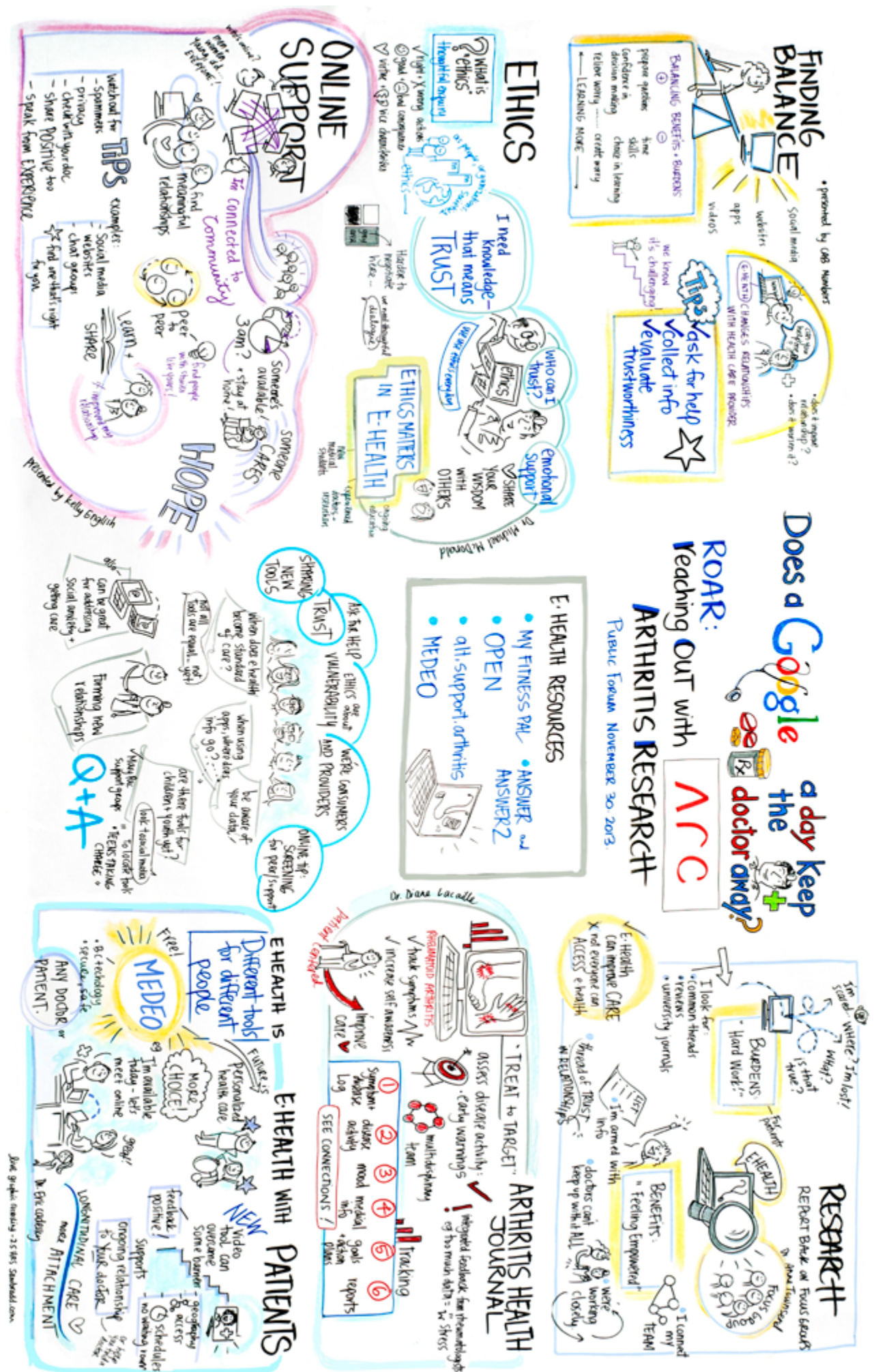
ROAR 2013

Each year, ARC's Arthritis Patient Advisory Board hosts "Reaching Out with Arthritis Research" (ROAR), an interactive public forum that aims to engage the arthritis community in conversations with scientists about arthritis research. This year's event, titled "Does a Google a day keep the doctor away?" brought together speakers with a variety of perspectives related to how we use online information to make decisions about our health, how mobile apps can help monitor our health, and how online information affects the relationship between the patient and the health care professional.

Over the past two years, ROAR has expanded from a local to an international scale by hosting an online webcast of

the event live and using social media to attract an even wider audience. An attendee following this year's event on Twitter wrote: "The connectivity of Twitter continues to amaze me. We have linked an Irish rheumatologist + Aust. Urogologist to a BC arth mtg. #eROAR13", proving that ARC research is truly reaching an international audience. Videos of the presentations are posted online, further increasing the accessibility of ARC research to the public. Some videos have been viewed more than 2000 times.

The next ROAR will be held on November 22nd at the Blusson Spinal Cord Centre, and will focus on the impact of arthritis in the hips, knees, hands and feet.



STATEMENT OF FINANCIAL POSITION

In our opinion, the financial statements present fairly, in all material respects, the financial position of the Arthritis Research Centre Society of Canada / Arthrite-Recherche Canada as at March 31, 2014 and the results of its operations and its cash flows for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Loewen Kruse
Chartered Accountants

ASSETS

CURRENT

| | |
|----------------------|--------------|
| Cash | \$ 1,028,002 |
| Restricted Cash | 122,476 |
| Investments | 1,725,335 |
| Accounts receivables | 3,426,181 |
| Recoverables – HST | 24,791 |
| Prepaid expenses | 19,035 |

6,345,820

RESTRICTED CASH 5,201,075

CAPITAL ASSETS 97,044

\$ 11,643,939

LIABILITIES AND NET ASSETS

CURRENT

| | |
|--|------------|
| Accounts payable & accrued liabilities | \$ 282,477 |
| Payables – Payroll deductions | 13,602 |
| Deferred gaming grant | 122,476 |

418,555

DEFERRED CAPITAL CONTRIBUTION 9,328

DEFERRED REVENUES 7,045,296

7,473,179

NET ASSETS

| | |
|-----------------------|-----------|
| Unrestricted | 2,927,265 |
| Internally restricted | 1,243,495 |

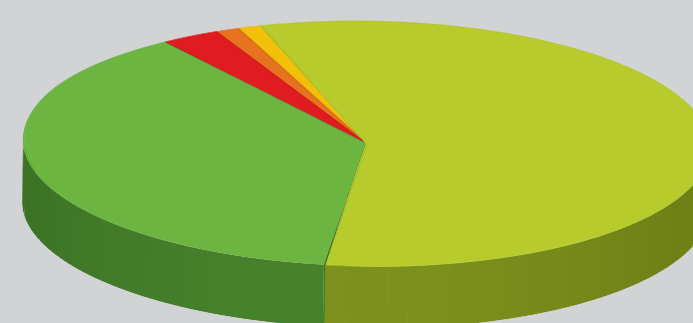
4,170,760

\$ 11,643,939

REVENUE

| | |
|--------------------------------|--------------|
| Research Grants | \$ 2,358,286 |
| Donations | 1,552,889 |
| Interest & Other | 139,784 |
| Unrealized Gain on Investments | 41,830 |
| Gaming Grants | 40,445 |

\$4,133,234

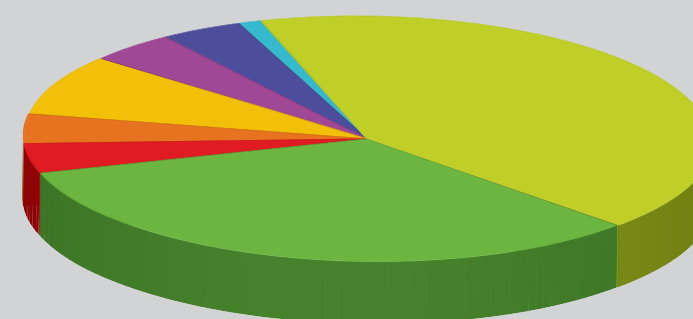


EXPENSES

| | |
|---------------------------------|--------------|
| Research Salaries & Benefits | \$ 1,456,206 |
| Direct Project Expenses | 1,132,000 |
| Fundraising Salaries & Benefits | 157,332 |
| Fundraising Direct Costs | 142,971 |
| Admin. Salaries & Benefits | 276,128 |
| Operations | 128,359 |
| Premises | 152,504 |
| Amortization | 24,468 |

3,469,968

Excess of Revenues over Expenses \$ 663,266



- VISION STATEMENT -

A future where research-based services, tools and knowledge empower people living with arthritis to triumph over pain and disability.



Arthritis Research Centre of Canada
Arthrite-recherche Canada

Leading research.
Finding answers.
Saving lives.

Orienter la recherche.
Trouver des réponses.
Sauver des vies.