

The **Canadian
Radiological
Foundation**



**Fondation
radiologique
canadienne**

ANNUAL REPORT

2018



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Rapport annuel 2018

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ABOUT THE CANADIAN RADIOLOGICAL FOUNDATION

VISION

To ensure the sustainable future of patient-focused RADIOLOGY research, education and innovation excellence in Canada and beyond.

MISSION

To promote the art and science of radiology through research and education.

The Canadian Radiological Foundation (CRF) achieves its mission through the funding of projects which help to shape the future of radiology in Canada. In support of this directive, the CRF has sustained the following activities.

- **Research and Innovation Grants** – In support of studies and research projects in diagnostic radiology or interventional procedures, the CRF provides the opportunity to apply for grants and awards accordingly.
- **Leadership Courses in Radiology** – The CRF provides new and unique leadership courses in radiology designed to help radiologists expand their leadership skills and contribute to the future of radiology in Canada.
- **Leadership Scholarships** – The CRF offers leadership scholarships to allow selected CAR members to acquire and develop leadership skills to become radiology leaders of tomorrow.
- **Educational Outreach** – The CRF sponsors qualified CAR members to attend and lecture at various international radiology conferences.
- **CAR ASM Awards** – The CRF sponsors the CAR Annual Scientific Meeting abstract awards. Many of the recipients have gone on to complete further research and contribute to radiology.
- **Reports and Guidelines** – The CRF has commissioned various reports and guidelines such as The Lifecycle Guidance for Medical Imaging Equipment in Canada.



MESSAGE FROM THE PRESIDENT

It is a pleasure to provide this message in concert with the CRF Annual Report. I am enjoying my first year as president, and it has indeed been a busy one for our foundation.

The CRF Board gathered in Ottawa in October 2018 for a landmark facilitated strategic planning session. The resultant five-year plan aims to solidify our position as an effective, responsive not-for-profit organization, supporting imaging research, innovation and education in Canada and beyond, whilst demonstrating best practices in raising funds.

We said goodbye with sincere thanks to two Board Directors who served the Board with distinction, Drs. Ian Hammond and Robert Sevick, and welcomed Drs. Andrea Lum and David Vickar.

The CRF supported all scientific contest prizes at CAR 2018, enhanced its collaboration with the Canadian Heads of Academic Radiology (CHAR) in national support of research, and offered the second module of the business leadership course in radiology, on negotiation strategies.

Our sincere thanks to all donors, and to the CAR staff for their ongoing commitment.

Please consider donating to the CRF as your financial support is essential to keep our programs going – and growing. The coming year promises to be a very exciting one as the foundation continues its commitment in investment in imaging, intervention, informatics and artificial intelligence education and research.

Dr. Bruce Forster, MSc, MD, FRCPC, FCAR
President of the Canadian Radiological Foundation

2018-2019 CRF BOARD OF DIRECTORS

The CRF Board of Directors is elected by the members of the CRF at the Annual General Meeting (AGM). The CRF's 2018 AGM took place on April 28 in Montreal, Quebec.

The 2018-2019 CRF Board Directors are:

Dr. Bruce Forster
(President)



Dr. Raquel del
Carpio-O'Donovan
(Vice President)



Dr. Gregory Butler
(Secretary-Treasurer)



Dr. Andrea Lum



Dr. David Vickar



2019-2023 STRATEGIC PLAN

A strategic planning session was held in Ottawa on October 21, 2018, to define the priorities of the foundation, with a specific focus on our vision and strategic initiatives.

The CRF has identified two areas of focus to drive results during the next five years. Each of these are focused on creating the capacity to serve the practice of radiology and be patient centred:

- Establish a leadership position in Canadian radiological philanthropy
- Demonstrate best practices in raising funds and governing the foundation

The CRF's five pillars are:

- Research and innovation grants
- Patient-centered care
- Leadership development
- Educational outreach
- Professional and trainee awards

PROJECTS

Research Study

Winner of the CRF Grant: Dr. Kathryn Darras (University of British Columbia) for *Teaching Safe Imaging: Development and Evaluation of an Online Imaging Appropriateness Course for Canadian Medical Students*.



Leadership Course in Radiology

The CRF is proud to have partnered with the UBC Sauder School of Business and the Canadian Association of Radiologists (CAR) to develop new and unique leadership courses in radiology. These courses are designed to help radiologists develop their leadership skills and contribute to the future of radiology in Canada. The second module **Negotiation Strategies for Canadian Radiologists** was held on April 24-25, 2018 in Montreal.

Some of the feedback from participants included:

- "Leadership perspective: OK to fail, it is actually a must to a road map to improvement"
- "Case study scenarios and dialogues were very valuable – something I would like to implement into training"
- "Overall great course, worth the time and money. Significantly better than the Joule equivalent"



Canadian Association of Radiologists
L'Association canadienne des radiologistes

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UBC SAUDER
SCHOOL OF BUSINESS

Faculty Members

We would like to acknowledge Dr. Bruce Forster, CRF President, for spearheading this project and seeing it to fruition. We would also like to thank the other faculty members for their expertise and contributions.

Faculty members of the Leadership in Radiology course (left to right):

Drs. Bruce Forster, Robyn Cairns, Frank Lexa, Mahesh Nagarajan and Daniel Skarlicki



Leadership Scholarships

Since 2015, the CRF, in partnership with the CAR, has instituted leadership scholarships to be awarded yearly. The scholarships are open to CAR members and offer selected participants an opportunity to acquire and develop the leadership skills radiologists need to advance their careers and the profession, and to play a meaningful role in shaping the future of healthcare.

CRF/CAR/UBC Sauder School of Business

In 2018, the scholarships were awarded to three deserving candidates to attend the second module **Negotiation Strategies for Canadian Radiologists**.

Given its great success, the CRF is currently exploring a relationship with external parties to license their contents for the purpose of delivering courses to Canadian radiologists and fellows.

Winners of the Leadership Scholarships (left to right):

Dr. Alicia Cheong (University of Toronto), Dr. Neil Kalra (University of Saskatchewan) and Dr. Sheldon Wiebe (Royal University Hospital / Jim Pattison Children's Hospital in Saskatoon) for attending the second module of the Leadership course.



"This opportunity was extremely informative and as I am nearing the end of residency, it was particularly insightful for me to hear about, and learn from more senior members of our radiology community." – Dr. Alicia Cheong

"The course was very well taught and I learned a number of great concepts in negotiation. I've thought about and used what I learned at this course a number of times over this past year. I would not hesitate to go to as many of these events as I can in the future." – Dr. Sheldon Wiebe

Radiology Leadership Institute (RLI)

Winner of the Leadership Scholarship: Dr. Angus Hartery (Memorial University) for attending the 2018 Radiology Leadership Institute Leadership Summit of the of the American College of Radiology (ACR) for "Practical Solutions for Difficult Problems".



"It was a fantastic opportunity to hear ideas from leaders concerning both national overarching challenges as well as every day challenges facing radiologists today. The sessions on 'Thinking outside the box', as well as 'practice negotiations' were valuable experiences that would meaningfully contribute to any radiologists arsenal of skills." – Dr. Angus Hartery

CAR ASM Contest Prizes

The CRF continues to support the CAR's Annual Scientific Meeting contests as part of its efforts to recognize and honour the work of Canadian radiologists and radiologists-in-training in advancing radiology research. The CRF was pleased to give the following prizes presented at CAR 2018 held in Montreal in April.

Departmental Clinical Audit

- **1st Place – Craig Ferguson, Gavin Low, Marina McToal, Stuart Jackson and Sean Winters**
Renal Biopsy Adequacy and Complication Rates at a Large University Institution
- **2nd Place – Anthony Vo, Chris Fung, Jesse Stewart and Richard Coulden**
What Clinical Information Is Provided to Radiologists Interpreting Pelvic Radiographs from the ER at an Adult Trauma Center
- **3rd Place – Florence Thibault, Rachid Hadjeres, Antonio Maietta, Jennifer Sirois and Céline Bard**
Fluoroscopically Guided Lumbar Puncture: Evaluation of the Cytological Diagnosis

Radiologists-in-Training

- **1st Place (Tie) – Elena Adela Cora, Vias Demetriou, Fahad Essbaiheen, Hanan AlQahtani, Brian Drake, Howard Lesiuk, Philip White and Dana Iancu**
Acute Thrombectomy in the Ageing Population: A Retrospective Analysis of Radiological and Clinical Outcomes in Acute Thrombectomies Performed in Patients ≥ 80 Years with an Intention to Treat Analysis
- **1st Place (Tie) – Hamed Basseri, Fernando Gastaldo, Sabarinath Nair, Sam Schulman and Gordon Yip**
Evaluating the Effect of Direct Oral Anticoagulants versus Warfarin on Rates of Thrombosis Related Failure of IVC Filter Retrieval
- **2nd Place – Nancy Jiang, Crystal Fond, Demetrios Sahlas and Ramiro Larrazabal**
Degree of Conjugate Gaze Deviation on Computed Tomography Scan Predicts Proximal Vessel Occlusion and Expedite Candidates for Endovascular Therapy

Educational Exhibits

- **1st Place – Sagar Kulkarni, Chandni Gupta and Jacqueline Matthew**
Artificial Intelligence Applied to Fetal Ultrasound: Potential to Improve Anomaly Screening?
- **2nd Place – James Huynh, Vidhu Anand and Ashish Khandelwal**
Multimodality Imaging of Stress-Induced (Takotsubo) Cardiomyopathy
- **3rd Place – Michelle Ferderbar, David Koff, Thomas Doyle and Reza Samavi**
Computer Aided Diagnosis: The Future of Lung Cancer Screening

Scientific Exhibits

- **1st Place – Lisa Y.W.Tang, Emmanuelle Lapointe, Jillian Chan, Youngjin Yoo, Lisa Lee, Andrew Riddehough, Shannon Kolind, Herena Kim, Ho Jin Kim, David Li, Anthony Traboulee and Roger Tam**
Machine learning for automated analysis of brain lesional patterns for NMO-MS differential diagnosis
- **2nd Place – Joao R. Inacio, Ashish Gupta, Hamid Bayanati, Carolina Souza, Sebastian Gilbert, Patrick James Villeneuve and Carole Dennie**
CT-guided placement of microcoils to direct video-assisted thoracoscopic surgical resection of small lung nodules: safety, efficacy and outcome
- **3rd Place – Khashayar Rafatzand, Gabriela Santos-Nunez, Hazel Marecki, Alan Goldstein, James Carroll and Richard Perugini**
Classification of Ventral Hernias (VH) Based on Rectus Anatomy and Function using Dynamic MRI (dMRI)

Snapshot of the CAR ASM Contest Prizes Ceremony



Donations

The CRF would like to sincerely thank all its funders for their donations over the years. Their contributions have allowed the CRF to develop projects and initiatives which otherwise would not have been possible. We have awarded a CRF pin to our patrons and benefactors as a small token of our appreciation for their contributions.



Total Donations received in 2018: \$18,590

- Friend (up to \$199): \$2,090
- Supporter (\$200 to \$499): \$4,600
- Patron (\$500 to \$999): \$3,200
- Benefactor (\$1,000 and above): \$8,700

The CRF would like to publicly recognize the following 2018 donors, as well as those who have asked to remain anonymous.

Alexandre Cadrin-Chênevert	Ali Al-Janabi	Andreu Costa
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Bill Anderson	Bruce Forster	Carl Chartrand-Lefebvre
Carole Dennie	Daniel Bourgeois	Daniel Lindsay
Darren Ferguson	Ian Hammond	David Koff
David Lysack	David Vickar	Derek Cool
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Corporate and Organization Donations

- Canadian Association of Radiologists
- Christie Innomed

For more information on the CRF or to submit a request for funding consideration, please visit the **CRF website**.