

**Canadian  
Radiological  
Foundation**

Research and Education  
in Our Own Hands



**Fondation  
radiologique  
canadienne**

La recherche et l'éducation  
entre nos mains

## Annual Report 2024



Aussi disponible en français sous le titre :

La fondation radiologique canadienne  
Rapport annuel 2024

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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 Awards** – In support of studies and research projects in diagnostic radiology or interventional procedures, the CRF provides the opportunity to apply for research awards accordingly.
- **Medical Student Awards** – In support of the CAR's Resident and Fellows Section (RFS) and Medical Student Network (MSN), the CRF is offering three different Medical Student Awards.
- **CSI Radiation Safety Award** – In support of Canada Safe Imaging (CSI), the CRF offers a Radiation Safety Award.
- **CAR ASM Scientific Awards** – The CRF sponsors the CAR Annual Scientific Meeting (ASM) abstract awards. Many of the recipients have gone on to complete further research and contribute to radiology.
- **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 CAR members to acquire and develop leadership skills to become radiology leaders of tomorrow.
- **Educational Outreach** – The CRF sponsors CAR members to attend and lecture at various international radiology conferences.
- **Reports and Guidelines** – The CRF has commissioned various reports such as *The Lifecycle Guidance for Medical Imaging Equipment in Canada*.





## Message From the President

I would like to take this opportunity to thank our dedicated Board of Directors, the CAR's staff and most of all, our generous donors, without whom, all the valuable work that the CRF undertakes would not be possible.

I would also like to acknowledge the Canadian Heads of Academic Radiology (CHAR) who help to fund several joint research grants for the radiology community. Through our partnership with the CHAR and with the support of our donors, we can help to fund opportunities for trainees and medical students in their pursuit of radiology research and facilitate projects centring on medical imaging and patient care.

The last few years have been particularly challenging times for everyone given the rising costs and inflation and they have created financial instability for many.

We are truly grateful to those donors who continue to support us. For those who may not have donated but are considering contributing to the Foundation, we would encourage you to look through the valuable projects and programs the CRF enables.

Dr. Emil Lee, MD FRCPC FCAR  
President of the Canadian Radiological Foundation

## 2024-2025 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 AGM took place on April 11, 2024 in Montreal.

The 2024-2025 CRF Board Directors are:

Dr. Emil Lee (BC)  
(President)



Dr. David Koff (ON)  
(Vice President)



Dr. Baljot Chahal (AB)  
(Secretary-Treasurer)



Dr. James (Jamie) Fraser (NS)



Dr. Louis-Martin Boucher (QC)



Dr. Narinder Paul (CHAR)



Dr. Hang (Henry) Yu (Resident)

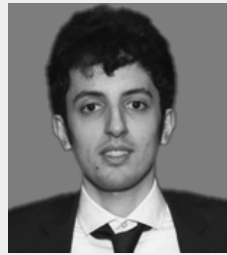


## Accomplishments

It was another great year of supporting excellence in radiology research and education for the Canadian Radiological Foundation (CRF). Thanks to the generous contributions of our donors, there were numerous great accomplishments throughout the year to recognize.

### Research Awards

In support of studies or research projects in diagnostic radiology or interventional procedures, the CRF and the CHAR awarded a grant to:



**Dr. Abdullah Alqabbani (The Ottawa Hospital)** for *Comparative Evaluation of Biphasic vs. 4D-CT Imaging for Parathyroid Adenoma Detection: Can the Imaging Protocol Be Abbreviated?*



**Dr. Natalia Gorelik (McGill University Health Centre)** for *Optimizing Musculoskeletal Imaging Referrals: Making Wise Choices a Knee-Jerk Reaction*



**Dr. Johanna Maria Ospel (Foothills Medical Centre)** for *Improving detection of medium vessel occlusion stroke among early career radiologists in Canada – The DETECT-CA study*

### Medical Student Awards

The CRF and the CHAR have a keen interest in the future of radiology and are working to support medical students and encourage radiology as a specialty in Canada and as such, awarded the following prizes:



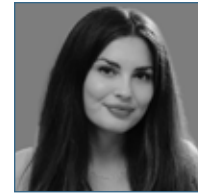
#### Radiology Leadership Scholarship Award

**Dr. Erin Gaudette,**  
Dalhousie University



#### Radiology Research Summer Studentship Award

**Dr. Zier Zhou,**  
Queen's University



#### CAR ASM Indigenous Scholarship Awards

**Dr. Kristin Keon,** University of Toronto (left)  
**Dr. Serena Morrill,** McMaster University (right)

### Canada Safe Imaging (CSI) Radiation Safety Award

The CRF is offering a Radiation Safety Award which is attributed to the best poster presentation aligned with a minimum of one of the five main priorities identified by CSI, namely **Optimization, Justification, Quality and safety, Education and Research.**

**The winner of the 2024 Award is:**



**Dr. Kaitlin M. Zaki-Metias – Trinity Health Oakland Hospital** for *Impact of a Collaborative Small Bowel Obstruction Imaging and Care Protocol with the General Surgery Service on Radiation Exposure and Resource Utilization*



Canada Safe Imaging  
Imagerie Sécuritaire Canada

# CAR ASM Scientific and Educational Awards

The CRF continues to support the Canadian Association of Radiologists' (CAR) 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 2024 held in April.



## Radiologists in Training Research Projects

### 1<sup>st</sup> Place

**Amina Hadjadj**<sup>1,2,3</sup>, Ning Li<sup>1,2,3</sup>, Marie-Lou Hautot<sup>1,2,3</sup>, Mahdi Rezaei Adariani<sup>1,2,3,4</sup>, Omima Messihad<sup>1,2,3</sup>, Mara Vagai<sup>1,2,3</sup>, Feryel Azzi<sup>2</sup>, Dominique Trudel<sup>2</sup>, Simon Lessard<sup>1,2,3</sup>, Irene Vignon Clementel<sup>4</sup>, Urs Hafeli<sup>5</sup>, Gilles Soulez<sup>1,2,3</sup> – **<sup>1</sup>Clinical Laboratory of Image Processing (LCTI), <sup>2</sup>CRCHUM, <sup>3</sup>UdeM, <sup>4</sup>Inria, Palaiseau, <sup>5</sup>Faculty of Pharmaceutical Sciences, University of British Columbia for *Evaluation of Magnetic Resonance Navigation (MRN) Performance by Targeting Success of Magnetic Drug-Eluting Beads (MDEBs) in Hepatic Arteries***

**2<sup>nd</sup> Place – Cassandra Jeavons**<sup>1</sup>, Yilin Zhang<sup>1</sup>, Adrian Marcuzza<sup>1</sup>, Stephen Murphy<sup>1</sup>, Sobhan Mardan-dezfouli<sup>2</sup>, Miles Mannas<sup>1,3</sup>, Silvia Chang<sup>1</sup> – **<sup>1</sup>Vancouver General Hospital, <sup>2</sup>Vancouver Imaging, <sup>3</sup>University of British Columbia for *Targeted Biopsy on Unilateral mpMRI Prostate PI-RADS 4 and 5 Lesions: Time to Omit Contralateral Biopsies?***

**3<sup>rd</sup> Place – Frédérique Leroux**, Thuy Mai Luu, Anik Cloutier, Anne Monique Nuyt, Sophie Turpin, Ramy El-Jalbout – **CHU Sainte-Justine, Université de Montréal for *Phase-Contrast MRI-based Renal Blood Flow in Young Adults Born Prematurely, a Feasibility Study and Correlation with EGFR***

## Quality Improvement Projects

### 1<sup>st</sup> Place

**Shyr Chui**<sup>1</sup>, Karina Hansen<sup>1</sup>, Carly Phinney<sup>2</sup>, Deanna Danskin<sup>1</sup> – **<sup>1</sup>Hospital of Northern British Columbia, <sup>2</sup>Northern Health Authority for *Improving Sonographic Appendix Visualization Rates in a Regional Referral Hospital; Imaging Department***

**2<sup>nd</sup> Place – Zeyad Elias**<sup>1</sup>, Usman Tarique<sup>2</sup>, Patrick Veit-Haibach<sup>2</sup>, Ania Kielar<sup>2</sup> – **<sup>1</sup>Temerty Faculty of Medicine, <sup>2</sup>University of Toronto, Joint Department of Medical Imaging, University of Toronto for *Standardizing Multidisciplinary Case Conferences in the Era of Epic and Improving Communication between Referring Physicians and Radiologists***

**3<sup>rd</sup> Place – Amaris Hui**, Jonathan Abele, Hefin Jones – **University of Alberta for *Rate of Reporting Incidental Coronary Artery Calcification on Non-Gated Chest CT Exams – Are We Following the Latest 2016 Society of Thoracic Radiology Expert Consensus Guidelines?***

## Scientific Research Projects

### 1<sup>st</sup> Place

**Sunam Jassar**, Scott Adams – **University of Saskatchewan for *Identifying Educational Competencies for Artificial Intelligence in Radiology***

**2<sup>nd</sup> Place – Tahani Alghamdi**<sup>1</sup>, Sara Al-Douri<sup>2</sup>, Abdullah Alabousi<sup>1</sup> – **<sup>1</sup>McMaster University, <sup>2</sup>University of Guelph for *Assessing the Diagnostic Yield of MRI-Guided Breast Biopsies for Non-Mass Enhancement: Unraveling Predictors and Refining Diagnostic Strategies***

**3<sup>rd</sup> Place – Sonali Sharma**<sup>1</sup>, Charlotte Yong-Hing<sup>2</sup> – **<sup>1</sup>University of British Columbia, <sup>2</sup>Department of Radiology, Faculty of Medicine, University of British Columbia for *Authorship Gender among Articles about Artificial Intelligence in Breast Imaging***

## Educational Exhibits

### 1<sup>st</sup> Place

**Neetika Gupta**<sup>1,4</sup>, Shivaprakash B Hiremath<sup>2</sup>, Isabelle Gauthier<sup>3</sup>, Nagwa Wilson<sup>1</sup>, Elka Miller<sup>4</sup> – **<sup>1</sup>Children's Hospital of Eastern Ontario, University of Ottawa, <sup>2</sup>Victoria and University Hospitals, London Health Sciences Centre, <sup>3</sup>The Ottawa Hospital, University of Ottawa, <sup>4</sup>Hospital for Sick Children, University of Toronto for *Pediatric Neurosonography: A Comprehensive Review and Systematic Approach***

**2<sup>nd</sup> Place – Alexander D. Wong**<sup>1</sup>, Aditya Bharatha<sup>2</sup>, Ahmad Almutlaq<sup>3</sup>, Ana Cristina Wing<sup>4</sup>, Anna Szekely<sup>5</sup>, Carla Uggetti<sup>7</sup>, Carolina Rush<sup>8</sup>, Catherine Ashton<sup>9</sup>, David Araujo<sup>1</sup>, Elizabeth Finger<sup>10</sup>, Enedina Maria Lobato de Oliveira<sup>11</sup>, Enrique Alvarez<sup>12</sup>, Erin Longbrake<sup>6</sup>, Fanny Elahi<sup>13</sup>, Geneviève Bernard<sup>14</sup>, Giulia Fadda<sup>15</sup>, Hayet Boudjani<sup>16</sup>, Helen Branson<sup>17</sup>, Jamie Imitola<sup>18</sup>, Jack Antel<sup>19</sup>, Jennifer Orthmann-Murphy<sup>20</sup>, Jenny Feng<sup>21</sup>, Jessica Kovitz Lensch<sup>22</sup>, Johanna Ortiz<sup>23</sup>, John Corboy<sup>24</sup>, Kees Okkersen<sup>25</sup>, Laura Airas<sup>26</sup>, Mark Freedman<sup>8</sup>, Marie-Constance Lacasse<sup>1</sup>, Marie Dhooche<sup>27</sup>, Michael Oshero<sup>28</sup>, Moogeh Baharnoori<sup>4</sup>, Nagwa Wilson<sup>29</sup>, Natalia Shor<sup>30</sup>, Philippe Beauchemin<sup>31</sup>, Raphael Schneider<sup>2</sup>, Sirio Cocozza<sup>32</sup>, Sridar Narayanan<sup>19</sup>, Sunita Venkateswaran<sup>10</sup>, Zehra Isik Hasiloglu<sup>1</sup>, Elka Miller<sup>17</sup>, Robert La Piana<sup>1</sup> – **<sup>1</sup>McGill University, <sup>2</sup>University of Toronto, <sup>3</sup>King Fahad Medical City, <sup>4</sup>Queen's University, <sup>5</sup>Yale University School of Medicine, <sup>6</sup>Yale University, <sup>7</sup>ASST Santi Paolo e Carlo, Milano, Italia, <sup>8</sup>Ottawa Hospital, <sup>9</sup>Royal Perth Hospital, <sup>10</sup>University of Western Ontario, <sup>11</sup>Federal University of São Paulo – UNIFESP, <sup>12</sup>University of Colorado, <sup>13</sup>Icahn School of Medicine at Mount Sinai, <sup>14</sup>Montreal Children's Hospital, <sup>15</sup>Ottawa Hospital Research Institute, <sup>16</sup>Jewish General Hospital, <sup>17</sup>SickKids, <sup>18</sup>UConn Health, <sup>19</sup>Montreal Neurological Institute – Hospital, <sup>20</sup>University of Pennsylvania, <sup>21</sup>Ochsner Medical Center, <sup>22</sup>St Mary's Hospital, <sup>23</sup>Kingston General Hospital, <sup>24</sup>University of Colorado, <sup>25</sup>Canisius Wilhelmina Hospital, Nijmegen, <sup>26</sup>Turku University Hospital, <sup>27</sup>National MS Center Melsbroek and Vrije Universiteit Brussel, <sup>28</sup>Barzilai Medical Center, <sup>29</sup>Children's Hospital of Eastern Ontario, <sup>30</sup>Pitié Salpêtrière hospital, <sup>31</sup>CHU de Québec, <sup>32</sup>University of Naples "Federico II", Naples, Italy for *White Matter Rounds: Towards a Neuroimaging Consensus for the Workup of Adult Genetic Leukoencephalopathies and Atypical White Matter Diseases***

**3<sup>rd</sup> Place – Madeline Stever**<sup>1</sup>, Georgios Sideris<sup>2</sup>, Thomas Anderson<sup>2</sup>, Jennifer Wu<sup>2</sup> – **<sup>1</sup>Baystate Medical Center, University of Massachusetts, <sup>2</sup>Baystate Medical Center, UMass Chan Medical School for *Boulders of the Body: Exploring Lithiasis in the Gastrointestinal, Hepatobiliary, and Genitourinary Tracts Guidelines?***

## Physician Leadership Workshop for Women in Radiology

The CRF is proud to have provided some financial support for the 3<sup>rd</sup> virtual workshop, which was a tremendous success.

On January 27, 2024, a group of radiology leaders assembled to discuss women leadership in radiology and to share best practices. Dr. Daria Manos, a professor of radiology at Dalhousie University and President of the Canadian Society of Thoracic Radiology, championed this initiative with assistance from Dalhousie Radiology and a steering committee of radiologists from across the country. The 80 participants benefited from an impressive roster of speakers. Keynote speakers included Senator Gigi Osler (2018 President of the CMA) and Dr. Ramneek Dusanj (Past President, Doctors of BC).



### Leadership Scholarship

The leadership 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.

#### Radiology Leadership Institute (RLI)

The scholarship was awarded to **Dr. Bo Gong**, resident at the **University of British Columbia**, who attended the **RLI Leadership Summit** of the American College of Radiology (ACR) **Tackling the Unprecedented Workforce Shortage** in September 2024.



*"Attending the ACR RLI Summit 2024 in Boston was a great opportunity to learn leadership. The combination of theory lectures, practical case-based workshops, and informal discussions with attendees from various radiology groups across the continent provided an ideal learning environment. When I left Boston with inspiration to continue the discussions with colleagues back home, I was again very grateful to the CRF for generously supporting my participation in the summit."*

– **Dr. Bo Gong**

## Donations

Thanks to the generous support of donors, the CRF was able to reach a significant donation total, including more than \$10,000 from the Annual Scientific Meeting alone! We appreciate the continued contributions from our members which have allowed the CRF to develop projects and initiatives which otherwise would not have been possible.

The CRF is grateful to its long-time donors and to new supporters through the 500 Club. This exclusive club is dedicated to inspiring radiologists to help increase the Foundation's impact on imaging care and the Canadian's radiological landscape.

**DONATE TODAY**

**JOIN THE 500 CLUB**

**Total Donations received in 2024: \$23,200**

**The CRF would like to publicly recognize the following donors (500 Club Members):**

Alexandre Menard

**Alison Harris**

An Tang

**Andrea Lum**

**Andreu Costa**

Angela Atinga

Angus Hartery

**Ania Kielar**

**Bruce Forster**

**Carl Zylak**

**Carl Chartrand-Lefebvre**

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