

**Canadian
Radiological
Foundation**

Research and Education
in Our Own Hands



**Fondation
radiologique
canadienne**

La recherche et l'éducation
entre nos mains

Annual Report 2025



Aussi disponible en français sous le titre :

La fondation radiologique canadienne
Rapport annuel 2025

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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 Award.
- **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. Our mission is to promote the art and science of radiology through research and education. And thanks to our donors this is exactly what we are accomplishing through the various research projects and initiatives that we support for radiology in Canada.

The CRF's vision is to ensure the sustainable future of patient-focused research, education and innovation excellence in Canada and beyond. This is what our Board strives for when we contemplate which initiatives to support. Many radiologists and trainees across the country have benefited from our donors' support and have been successful in publishing their research in the CAR Journal as well as international academic publications.

On behalf of the CRF Board of Directors, I would 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.

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

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

2025-2026 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 3, 2025 in Montreal.

The 2025-2026 CRF Board Directors are:

Dr. Emil Lee
(President) (BC)



Dr. David Koff
(Vice President) (ON)



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



Dr. John Lysack (AB)



Dr. Aline Khatchikian
(QC)



Dr. Sheldon Wiebe
(CHAR) (SK)



Dr. Kathleen MacMillan
(Resident) (NS)



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. Audrey Fohlen (CHUM) for *Oxygen enhanced MRI of Hepatocellular Carcinoma*



Dr. Johanna Ortiz (Queen's University/ Kingston Health Sciences Centre) for *Improving Skills Learning through Simulation-Based Program for Fluoroscopy Guided Lumbar Puncture using 3D-Printed Normal and Pathologic Lumbar Spine Phantoms in Residency and Neuroradiology Fellowship Training*



Dr. Sarah Chibane (McGill University) for *Impact of Radiology Teaching in Canadian Undergraduate Medical Education on Radiology Residency Match Outcomes: A Retrospective Analysis*

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 Awards

Kamran Rakhshan
(McMaster University)



Radiology Research Summer Studentship Award

Kashif Al-Ghita Mohammed (The Ottawa University) for *The Impact on Diagnostic Accuracy of LIRADS when Transitional Phase (TP) and Hepatobiliary Phase (HBP) Hypointensity are added to the Conventional Definition of Washout on Gd-EOB-MRI: An Individual Participant Data Meta-Analysis*



Alex Lee
(The Ottawa University)

CAR ASM Indigenous Scholarship Award

No applications received

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.**



Canada Safe Imaging
Imagerie Sécuritaire Canada



The winners of the 2025 Award are:

Drs. E. Tonkopi^{1,2}, T. M. Ahmadi^{1,3}, Y. Kotlyarova¹, J. Kimber^{2,4}, M. Iwaskow^{1,4}, C. Gunn^{1,2} from ¹Dalhousie University, Halifax, Canada, ²Nova Scotia Health, Halifax, Canada, ³Jordan University Hospital, Amman, Jordan, and ⁴IWK Health, Halifax, Canada for *Radiation Dose Management in Pediatric Head CT at a Dedicated Children's Hospital and Regional General Hospitals*

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 2025 held in April.



Radiologists in Training Research Projects

1st Place

Leukoaraiosis Emerges from the Border Zone Regions of the Brain by Drs. **Davy Vanderweyen**¹, Samantha Cote², Julia Huck³, Karim Fathy⁴, Ann-Marie Beaudoin⁵, and Kevin Whittingstall¹ from ¹Department of Radiology, University of Sherbrooke, ²Department of pediatry, ³University of Sherbrooke, Department of informatics, ⁴University of Sherbrooke, Department of nuclear medicine and radiobiology, and ⁵University of Sherbrooke, Department of Neurology

2nd Place – Improving Post-lung Biopsy Care: CT Chest at Chest X-ray Dose by Drs. **Jonatas Favero Prietto Dos Santos**, Farah Cadour, Felipe T. Sanchez, Sam Santiago, Eric Salomon, Sean Carey, Sonja Kandel, and Patrik Rogalla from the Joint Department of Medical Imaging (UHN, Sinai Health, Women's College Hospital), University of Toronto

3rd Place – Leveraging Locally-Trained Large Language Models for Automated Synoptic Reporting in Pancreatic Ductal Adenocarcinoma Imaging by Drs. **Zoe Hu**, Umaseh Sivanesan, Shane Natalwalla, Jacob Peoples, Amber Simpson, and Andrew Chung from Queen's University

Quality Improvement Projects

1st Place

When Time is of the Essence: Optimizing Trauma Radiograph Workflow to Decrease Time to CT by Drs. **Brendan Kelly**, Jessica Kwok, Morgan O'Neill, Brett Mador, and Christopher Fung from the University of Alberta

2nd Place – Cervical Spine MR Facet Joint Arthropathy Reporting Rates by Drs. **Ryan Spsychka**¹, Shane Hoerber² and Sukhvinder Dhillon¹ from the ¹University of Alberta Radiology & Diagnostic Imaging Department, ²University of Alberta Department of Medicine

Scientific Research Projects

1st Place

Process-based Quality Indicators for Patients Undergoing Interventional Radiology Procedures by Drs. **Victor Lee**¹, Helena Bentley¹, Jaspreet Bajwa¹, Véronique Caty², Surinder Dhaliwal³, Anastasia Hadjivassiliou¹, Anirudh Mirakhur⁴, Nicolette Sinclair⁵, Alanna Supersad⁶, Jason Wong⁴, Erin Davidson⁷, Tamara Bollinger⁷, Nevin de Korompay¹, and Gerald Legiehn¹ from ¹University of British Columbia, ²Université de Montréal, ³University of Manitoba, ⁴University of Calgary, ⁵University of Saskatchewan⁶, University of Toronto, and ⁷Vancouver Coastal Health

2nd Place – Analyzing the Prevalence of Injury and Violence in Transgender Patients Using Radiology Reports by Drs. **Rohan Chopra** and Bharti Khurana from the Trauma Imaging Research and Innovation Center (TIRIC), Brigham and Women's Hospital

3rd Place – Improving Adherence to CAR Guidelines for Incidental Hepatobiliary Findings: Evaluating Large Language Models with Retrieval-Augmented Generation by Drs. **Nicholas Dietrich**¹ and Brett Stubbart² from the ¹Temerty Faculty of Medicine, University of Toronto, ²Schulich School of Medicine & Dentistry, Western University

Educational Exhibits

1st Place

Pelvic Puzzles: Unraveling Female Emergencies for Radiologists by Dr. Namita Sharma from the University of Ottawa

2nd Place – Impact of Diffuse Liver Disease on Liver Lesion Detection and Characterization by Drs. **Bhavana Shyamanur** and Khaled Elbanna from the University Medical Imaging Toronto – University of Toronto

3rd Place – Systematic Approach to Cardiac and Pericardial Assessment in Non-Gated Chest CT by Drs. **Paula Patino** and Francisco Calle from the University of Ottawa

Physician Leadership Workshop for Women in Radiology

The CRF is proud to have provided some financial support for the 4th virtual workshop, which was a tremendous success.

On February 1, 2025, 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 Executive Member 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. Over 90 participants benefited from an impressive roster of speakers.



“Radiology: the Drama” – A Short Film

Drs. **Melissa Kong** (UBC Radiology PGY-2), **Kevin Zhang** (UBC Family Medicine PGY-2), **Coralie Tcheune** (UBC MSI-1), **Will Wei** (UBC MSI-4), **Aryan Ghaffarizadeh** (UBC MSI-4), **Savvas Nicolaou** (UBC Radiology), **Jonathan Leipsic** (UBC Radiology), and **Will Guest** (UBC Radiology) have created a 30-minute short film that captures the emotional and intellectual journey of medical learners, with a focus on Radiology. From early clinical exposure to independent practice, the film portrays the challenges and growth experienced by medical students and residents. Radiology, a specialty vital to modern healthcare yet often overlooked in medical education and media, is presented through real-life scenarios that emphasize its collaborative and diagnostic importance.



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 2025: \$19,225

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

Alexandre Menard

Aline Khatchikian

An Tang

Andreu Costa

Ania Kielar

Carl Zylak

Carole Dennie

Denis Theriault

Eduardo Portela De Oliveira

Edward Lyons

Elsie Nguyen

Emil Lee

Gilles Soulez

Glenn Scheske

Gregory Butler

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Iain Kirkpatrick

Ian Hammond

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Rachel Fleming

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Ruban Gnanakumar

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Shiela Appavoo

Shivaprakash Hiremath

Sophie Tremblay-Paquet

Stephen Ying

Valerie Keough

Visal Pen

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