CONGRATULATIONS!

Graduating Class 2015—Drs: Behrang Homayoon, Kristy Lee, Bippan Sangha, Carola Behrens, Dave Russell, Madalsa Joshi, Steve Co
Technologic advances---the jet fuel for our specialty

Professionally, this is my favorite time of year. There is a Spring-like renewal at the end of the academic year: we bid farewell to a talented PGY-5’s, as pictured on page one, and take time to celebrate their (unanimous) success at the RCPSC exams. We welcome a new cohort of enthusiastic PGY-1’s into their chosen specialty, and help the PGY-2’s navigate their first year in medical imaging. Our summer BBQ at the iconic Brock House (Sunday July 26th, 6 pm), is our traditional kick-off social event, and with over 100 Residents, Fellows, Faculty and their families, it is a magnificent social occasion with an academic ‘family’ feeling.

Of course, our PGY-5 residents are headed off to their fellowships or jobs. We are fortunate in our specialty to be so constantly challenged by technologic advances. For example, there was a recent siting of a new CT scanner in Iqaluit on Baffin Island, which itself is not so much of a story. But in this case, the images are transmitted to the larger centre, where the images are read by Radiologists, by satellite. Previously, CD’s were burned, and were sent by cargo plane to the south once a week, resulting in report turn-around times of one-two weeks. I recall from my experience as a GP in the Arctic 25 yrs. ago, how much patients benefited from what little technology was available at that time. Now imaging report TAT’s in Iqaluit are measured in hours, and patients can be selected in a more evidence-based fashion for medivac, each trip of which costs $25,000 or more. A second story featured an I-phone App attached to a handheld ultrasound unit, allowing transmission of echocardiographic images from the jungles of Honduras to academic centres for interpretation. Very cool, but more importantly, great advances for patients and pretty cost-effective.

So as you enjoy your summer with your families, start new jobs, begin new programs, or end old ones, technology is in the background, serving as the gas in the engine for our specialty. I am confident that our current cohort of trainees, including Behrang, Kristy, Bippan, Carola, Dave, Madalsa and Steve will be outstanding stewards for new advances, and propel our specialty to even greater heights.

Yours Sincerely,
Vancouver Imaging Review: Head to Toe, at the Hotel Georgia. September 10—September 13, 2015

Half day topics to include: Musculoskeletal Imaging, Thoracic Imaging, Abdominal Imaging, Emergency & Trauma Imaging, Neuro-radiology Imaging, Oncologic Imaging, Interventional Imaging and Cardiac Imaging. Presented at the Rosewood Hotel, Vancouver, BC. for more info email sean.murphy2@vch.ca

SHOW: A Symposium on Hepatopancreaticobiliary Oncology at Whistler: —at the Fairmount Chateau Whistler, February 2-4, 2017 continuing every 2nd year.

2016 Musculoskeletal MR and Ultrasound Imaging Course Saturday - Tuesday, February 27– March 1, 2016 Four Season's Hotel, 4591 Blackcomb Way, Whistler BC, Canada Presented By: Department of Radiology, University of British Columbia & Department of Medical Imaging, University of Toronto for more details sean.murphy2@vch.ca
UBC DEPARTMENT OF RADIOLOGY WEBSITE

Please make sure you visit our website...to keep up with Departmental news.

http://med-fom-radiology.sites.olt.ubc.ca/

The current link to the Grand Rounds video upload is:

http://radiology.med.ubc.ca/grand-rounds/

Now live for you to enjoy:

UBC Dept. of Radiology Facebook Page

http://www.facebook.com/pages/UBC-Radiology/191464017541462

UBC Dept. of Radiology Twitter Account

http://twitter.com/#!/UBC_Radiology
Scientific Presentations

Alshammari, Mohammed Thani


Benard, Francois


Chang, Silvia

**Comparison of PI-RADS Version 2.0 and 1.0 Classification of Lesions Detected on Prostate mpMRI with Pathologic Correlation.** Pang E, Savdie R, Black P, Goldenberg SL, Chang SD. CAR at the 2015 Joint Congress on Medical Imaging and Radiation Sciences, May 28-30, 2015, Montreal, Que.

Darras, Kathryn


**Imaging Monsters: The Role of PET/CT in Evaluating Pediatric Teratomas.** Darras K, Nadel H. Society of Nuclear Medicine and Molecular Imaging Annual Meeting, June 6-10 2015

Forster, Bruce


Excitations

Scientific Presentations

Gordon, Paula


Lentle, Brian

**Report from the vertebral fracture group.** CaMos Annual Scientific Meeting, Lentle BC, Brown J, Probyn L. Montreal, April 2015.

Liu, David


**The Optimal Technique for Intra-procedure CT Perfusion Blood Volume During Transarterial Chemoembolization (TACE) For Unresectable Liver Malignancy.** AlShammari M, Punzalan M, Klass D, Liu DM. Society of Interventional Radiology Annual Scientific Meeting. Atlanta 2015. (*awarded top 10% of posters)

Pugash, Denise

**Spinal dysraphism and the onus medullaris.** Fetal Medicine Foundation World Congress June 25th 2015

Xiang, Qing-San


**Performance Comparison of Analytical Solutions for bSSFP Signal Demodulation.** E-poster presentation by Michael N Hoff, Jalal B Andre, and Qing-San Xiang, 23rd annual meeting of ISMRM, May 30 – June 5, 2015
Education Exhibits

Alshammari, Mohammed Thani

The optimal technique for intra-procedure CT perfusion blood volume during transarterial chemoembolization (TACE) for unresectable liver malignancy. Alshammari Mohammed T, Punzalan Marie, Klass Darren, Liu David M. SIR 2015 40th annual scientific meeting February 28 – March 5, 2015.


Chang, Silvia


A Case-Based Pictorial Review of Liver Lesions Using the LI-RADS Classification System. Ferguson D, Mohammed MF, Healy CF, Chang SD, Harris AC. CAR at the 2015 Joint Congress on Medical Imaging and Radiation Sciences, May 28-30, 2015, Montreal, Que.

Forkheim, Kevin


Forster, Bruce


The Acromioclavicular joint: Trauma and disease. Canadian Association of Radiologists Annual Scientific Meeting, May 28-June 1, Montreal, Quebec

Lentle, Brian

Atypical Femoral Features: Radiographic and Histomorphometric Features in 19 Patients, Khan A, Cheung A, Khan OA, Rahman Z, Pritzker K, Lentle B.
**Education Exhibits**

Nadel, Helen


Characterizing standardized uptake values on diagnostic PET/CT scans according to pediatric lymphoma subtypes. Halparin J, Rassekh R, Nadel H. Society of Nuclear Medicine and Molecular Imaging Annual Meeting, Baltimore, June 2015

Imaging Monsters: The role of PET/CT in evaluating pediatric germ cell tumors, Darras K, Nadel H. Society of Nuclear Medicine and Molecular Imaging Annual Meeting, Baltimore, June 2015

Ouellette, Hugue

Living on the k-edge: Comparison of Dual Energy CT Arthrography with Conventional CT Arthrography and MRI for Assessment of Meniscal Tears of the Knee, has been accepted as an electronic exhibit at the 115th Annual Meeting of the ARRS, to be held April 19-24, 2015 at the Metro Toronto Convention Centre, Toronto, Canada.

Popping the Cap: Constellation of MRI Findings in Patello femoral Syndrome, has been accepted as an electronic exhibit at the 115th Annual Meeting of the ARRS, to be held April 19-24, 2015 at the Metro Toronto Convention Centre, Toronto, Canada.

All for One: The Value of a Multidisciplinary Team Meeting in Musculoskeletal IR Palliative Care Procedures, has been accepted as an electronic exhibit at the 115th Annual Meeting of the ARRS, to be held April 19-24, 2015 at the Metro Toronto Convention Centre, Toronto, Canada.

Scali, Elena


Shewchuk, Jason

Meeting Moderators

Chang, Silvia

**Member, Educational Program Committee**, Society of Abdominal Radiology 2015 Annual Scientific Meeting and Educational Course, March 22-27, 2015, San Diego, CA.

Cresswell, Mark

**Conference Co-convener and Moderator**, Musculoskeletal MR and Ultrasound Imaging Whistler, BC, Feb 2015

Forkheim, Kevin

**Moderator** Head and Neck Section, Pacific North West Radiological Society Conference, June 6 to 7th, 2015

Forster, Bruce

**Co-Chair, Moderator, Course Organizer**, University of British Columbia/University of Toronto Musculoskeletal MR and Ultrasound Imaging Course, held Feb 7-10, 2015.

Gordon, Paula


Leipsic, Jonathon

**ASM Chair** – SCCT Hawaii and Joint Sessions of the CAR

**Chair**, Joint Congress Scientific Committee, 2015 Joint Congress on Medical Imaging and Radiation Sciences. Montréal, Québec, May 28-30, 2015

Liu, David

**Program Chair** for the 2015 SIR Annual Meeting in Atlanta, US, Mar 28—Apr 5, 2015.

1. Invited Faculty Member for the JVIR & Sir Foundation Awards, & Film Panel.
2. Invited Faculty Member for the IO Fast Forward: New Techniques and Treatment Modalities session.
3. Invited Faculty Member for the SAM: Venous Insufficiency session.

**Chair**: Symposium on Hepatic Oncology at Whistler (SHOW) Jan 28-31 2015, Whistler, Canada

**Workshop Coordinator**: Embolics and Drug Eluting Beads. Society of Interventional Radiology, March 2, 2015, Atlanta, USA.

**Workshop Coordinator**: Colorectal Cancer 360. Society of Interventional Radiology, March 3, 2015, Atlanta, USA.
To Members of the Department of Radiology

I am pleased to announce the reappointment of **Dr. Bruce Forster** as Head, Department of Radiology effective July 1, 2015 to June 30, 2020. Dr. Forster has been the Head, Department of Radiology since July 1, 2010. During this time, he has provided administrative, intellectual, social, and academic management and leadership of the Department while advancing its teaching and research programs in partnership with BC’s Health Authorities.

Please join me in welcoming Dr. Forster in his reappointment.

Sincerely,

Gavin C.E. Stuart, MD, FRCSC
Dean, Faculty of Medicine, Vice Provost Health, UBC

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**UBC Radiology London Drug Award Announced Tuesday, June 23, 2015**

On behalf of the Selection Committee, it gives me great pleasure to announce that the winner of this year’s London Drugs Award for Research Excellence is **Dr. Harvey Coxson**, for his project entitled ‘Evaluating mild and severe asthma using Computed tomography and Fourier Decomposition Magnetic Resonance Imaging’. Congratulations to Dr. Coxson and his research team.

Dr Bruce Forster

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Dr Harvey Coxson, Associate Professor
Awards and Recognitions

Brockhouse Award

It is my pleasure to announce that four UBC Imaging researchers have won the prestigious Brockhouse Award from NSERC.

Drs. Paul Schaffer, Francois Benard, Anna Celler, and Tom Ruth recently travelled to Ottawa to receive this prize.

The Brockhouse Canada Prize for Interdisciplinary Research in Science and Engineering recognizes outstanding Canadian teams of researchers from different disciplines who came together to engage in research drawing on their combined knowledge and skills, and produced a record of excellent achievements in the natural sciences and engineering in the last six years.

Bruce Forster
Dr Peter L. Cooperberg

**2015 Award of Excellence in Medical Practice**

Every year the College of Physicians and Surgeons of British Columbia Board through a peer nominations process, recognizes outstanding physicians who have made an exceptional contribution to the practice of medicine in teaching, research, clinical practice, administration or health advocacy. Congratulations to this year’s recipient Dr Peter L. Cooperberg, Professor Emeritus.

Warren, Linda

**Don Rix Award for Physician Leadership** awarded for long and distinguished service to the Doctors of BC as well as outstanding contributions to medicine in BC. Clinical Professor. Dr Linda Warren is a driving force behind the founding and continued excellence of the Screening Mammography Program of BC. This world-class screening program—North America’s first—serves as a model for jurisdictions around the world and has contributed to British Columbia’s breast cancer mortality becoming the lowest in Canada.

Dr Linda Warren, Clinical Professor
Chaired Final Doctoral Examinations between September 2013 and December 2014

Every year, final examinations are held for more than 500 UBC doctoral candidates and each of these examinations involves a faculty member serving in the role of Chair. The Chair of a doctoral examination has an important function; she or he represents the Dean of the Faculty of Graduate and Postdoctoral Studies, ensures the exam is fair and proceeds according to UBC policies, and reports back to us about the proceedings and the Examining Committee’s recommendation. Securing Chairs for doctoral examinations is a perennial challenge for our office. We understand that there are many competing demands on our faculty members’ time and are grateful to Drs Celler and Coxson who were willing and able to serve in this important role. (FOM website description)

Basic Scientists & Nuclear Medicine Colleagues Recognized

Our local researchers were recognized at the Society of Nuclear Medicine for one of the outstanding Journal of Nuclear Medicine articles of 2014: “Preclinical evaluation of a high affinity 18F-trifluoroborate otreotate derivative for somatostatin receptor imaging” J Nucl Mec. 2014;55:1499–1505. Zhibo Liu, from the University of British Columbia (Vancouver, Canada), and Maral Pourghiasian, from the BC Cancer Research Centre (Vancouver, Canada), as well as Francois Benard, Jinhe Pan, Kuo-Shyan Lin, and David M. Perrin.

Paul Schaffer also had another one with Jack Webster from GE Research - the imaging was done at BCCA for this one as well. Functional imaging of oxidative stress with a novel PET imaging agent, 18F-5-fluoro-L-aminosuberic acid” (J Nucl Med. 2014;55:657–664).

Two of the top three basic science investigations were actually done in Vancouver...
We are pleased to announce the joint appointment of Dr Leipsic to the rank of Associate Professor with tenure in the Departments of Radiology and Medicine and the Division of Cardiology effective Oct 1, 2014.

In 2009, Dr Leipsic was promoted to Clinical Assistant Professor, UBC Department of Radiology and appointed Associate Member, Division of Cardiology, DoM followed by appointment to Assistant Professor, UBC Radiology in 2012.

Dr Leipsic is UBC Radiology’s first Tier II Canada Research Chair (CRC), an Award given to exceptional emerging researchers who are considered future leaders in their field. In concert with CRC, Dr Leipsic was also successful with his Canada Foundation for Innovation and his British Columbia Knowledge Development Fund applications. His research will focus on high resolution plaque evaluation to better understand the natural history of atherosclerosis and also new methods for ischemia evaluation through the integration of computational fluid dynamics to help guide coronary intervention in a fashion that results in improved clinical outcomes. (FOM website description)
Awards and Recognitions

Alshammari, Mohammed Thani

**Poster Award** Cone beam CT perfusion blood volume (PBV) in hepatic Embolotherapy: pearls and pitfalls, Society of Interventional Radiology 40 Annual Scientific meeting, Feb 28-March 5, 2015

Benard, Francois


**Editors’ Choice Award** for one of the top three basic science investigation manuscripts published in JNM in 2014 titled, “Preclinical Evaluation of a High-Affinity 18F-Trifluoroborate Octreotate Derivative for Somatostatin Receptor Imaging”. Presented at SNMMI (June 2015).

**NSERC Brockhouse Canada Prize for Interdisciplinary Research in Science and Engineering 2015** (see page 11)

Two UBC Department members and their teams have received major awards from the highly competitive Canadian Fund for Innovation (CFI).

**Dr. Denise Pugash**, Clinical Professor, was awarded $827,685 to support Perinatal Research Imaging Evaluation (PRIME), a new centre at British Columbia Women’s Hospital which will study and apply the latest advances in sonographic prenatal diagnosis and therapy.

**Dr. Alex MacKay**, Professor, was awarded as project leader, $2,457,048 for ‘3T MRI scanner and electrophysiology and neuromodulation laboratory for University of British Columbia multimodal neuroimaging centre’, a critical component in the development of imaging at the Centre for Brain Health on the UBC campus.

Dr Alex Mackay, Professor
Leaders In Innovation Award
Society of Interventional Radiology

The Leaders in Innovation Award recognizes and promotes innovation within interventional radiology, continuing IR’s historical innovative development that has revolutionized medicine over the last 40 years.

The Award acknowledges those individuals who have conceptualized and implemented an idea that has had an advantageous impact on the practice of interventional radiology. The innovation can be a device, technique, approach, clinical practice model, or anything having a significant improvement upon the quality of patient care or economics of interventional practice. Congratulations to Dr Lindsay Machan. (SIR website)

Poster Award—Alshammari MT, Punzalan M, Klass D, Liu D. The optimal technique for intra-procedure CT perfusion blood volume during transarterial chemotherapy (TACE) for unresectable liver malignancy.

SIR 2015 CIRA reception Drs NG, Liu, Alshammari
Awards and Recognitions

UBC scientists help avert a nuclear medicine meltdown

University of British Columbia scientists have shown that small cyclotrons – particle accelerators the size of an SUV – can replace hulking nuclear power plants as the country’s main source of medical isotopes, the radioactive atoms used for thousands of diagnostic scans across Canada each day.

The demonstration last month points the way to a safer, cleaner, more reliable and cheaper source of medical isotopes, not just in Canada, but globally. The cyclotron produced enough isotopes in six hours to enable about 500 scans – beating the previous record almost four-fold. The quantity would be enough to meet the daily needs of all of British Columbia’s hospitals.

“With this solution, we’ll be able to make completely locally-grown isotopes, without any long-term radioactive waste,” said Dr. Francois Benard, a professor of radiology and scientific director of functional imaging at the BC Cancer Agency. (taken from UBC Media Release | January 8, 2015)
“Dr. Robert Wallace Boyd Research Fund for Young Investigators” exists thanks to Dr. Boyd’s extreme generosity and well respected legacy. “Dr B Forster

Dr Robert Wallace Boyd

Dr. Robert Wallace Boyd graduated from McGill University in 1931 and interned at Vancouver General Hospital.

After a Radiology Residency at VGH (1933-35), he worked at VGH as an Assistant Radiologist (1935-37). He moved to Calgary in 1937, where he practiced radiology and radiotherapy at Holy Cross Hospital and at Radium and X-Ray Institute, until 1942.

1942 to 1945, he served as a consultant radiologist, in the Directorate of Medical Services, Royal Canadian Army Medical Corps, (Lieutenant Colonel), at National Defense Headquarters in Ottawa. He was in charge of radiology training programs in Canada and went to England to advise on their programs.

In 1946, he returned to VGH as Associate Director of the Radiology Department, and became Director in 1951, held until 1971. In 1976, he became a Clinical Associate Professor Emeritus of Diagnostic Radiology, UBC.

Dr. Boyd is remembered by all those who have met him as a leader in Radiology and as a quiet and kind individual.

The Robert Wallace Boyd Award winner is based on a resident’s abstract submission.

(Photos provided by the Boyd family are Dr Boyd’s own slides that give us a glimpse into VGH at the time Dr Boyd was Director of the X Ray department at VGH)
Excitations

Dr Robert Wallace Boyd cont’d

A LOOK BACK TO 1967!

Photos provided by the Boyd family are Dr Boyd’s own slides that give us a glimpse into VGH at the time Dr Boyd was Director of the X Ray department at VGH.

1967 July 12th Dr Robert Wallace Boyd, Last day of Therapy Office VCH X Ray.

1967 July 12th Last of old 100KU Unit at VGH.

1967 July 12th last days of 400U unit at VGH.

1967 July 12th Last of Felsteat Thyroid Probe VGH.
Awards and Recognitions

UBC RADIOLOGY RESEARCH DAY WINNERS

Peter Poon Awards Memorial Research Awards
The aim of the award is to encourage original hypothesis-driven research in which residents are the principal investigator or co-investigator. It is anticipated that the funds awarded will be used to off-set the costs for statistical data analysis, laboratory or imaging time, or raw materials used in such endeavors. This is a research-in-progress award. Hypothesis, experimental design, and data collection methodology should be clearly stated, but no data need be presented.

1st Place Kathryn Darras PGY 3
Colonic Wall Thickening: Can Iodine Quantification using Dual Energy CT Facilitate The Differentiation of Diverticulitis and Adenocarcinoma?

2nd Place Elena Scali PGY 3
Magnetic Resonance Imaging in the Pre-Operative Evaluation of Retroperitoneal Lymph Node Metastasis in Patients with Testicular Cancer

Gordon E. Trueman Awards Radiology Residents and Fellows Research Awards Endowment Fund
Awarded to those individuals’ completed projects which are considered the most deserving, based on content, scientific methodology, and presentation. Conclusions should be presented which are evidence-based.

Fellow Award Emily Pang
Comparison of PI-RADS V2 versus V1 Classification of Lesions Detected on Multiparametric Prostate MRI with Correlation to MRI-TRUS Fusion Biopsy Histopathology

1st Place Resident Award Stephen Choy PGY 3
MR Imaging of the Prostate with and without Endorectal Coil at 3T-Correlation with Whole-Mount Histopathologic Gleason Score

2nd Place Resident Award Elena Scali PGY 3
Senior Medical Students’ Awareness of Radiation Risks from Common Diagnostic Imaging Examinations

3rd Place Resident Award Kathryn Darras PGY 3
Virtual Monoenergetic Reconstruction of Contrast-Enhanced Dual Energy CT at 70 keV Maximizes Intestinal Mucosal Enhancement in Acute Small Bowel Obstruction
Awards and Recognitions

Educational Poster Category: Sponsored by Canadian Diagnostics Centers Poster Category
Medical Student Lauren Sawatzky
Measurement of Cardiac Output from Test Bolus Data

Resident Kathryn Darras PGY 3
The Not So Silver Lining: The Spectrum of Peritoneal Disease in the Adult

Fellow Thomas Savage
A Case of Bow Hunter Syndrome: Bilateral Rotational Extrinsic Compression-Related Verte-brobasilar Insufficiency Presenting as Recurrent Stroke in a Young Child

Robert Wallace Boyd Research Fund for Young Investigators
One prize to cover research expenses, awarded to a resident solely on the basis of abstract submission. The winner will present his/her work thus far.

Recipient: Will guest PGY2
Imaging-Based 3D Printing for Improved Pre-Surgical Planning

Dr Brain Goodacre Memorial Award for Interventional Radiology
Awarded to a resident with the highest cumulative score on his/her presentation in the field of Interventional Radiology presented at Research Day.

Recipient: David Tso PGY 3
A Steep Learning Curve: Performance Characteristic of Interventional Radiology Trainees in Performing Uterine Artery Embolization

RSNA Roentgen Resident Research Award
Behrang Homayoon – Awarded for research excellence throughout the entire duration of their residency.
Awards and Recognitions

Radiology Teaching Awards

Best Community Teacher
Dennis Lee

Best Subspecialty Teacher
Yvette Cheong

Best Noon Rounds
Charlotte Yong-Hing

Best Lecturer
Ed Peramaki

Best Daily Viewbox Teacher
Jimmy Lee

PGY 5— Best Teacher
Will Yee

PGY 4— Best Teacher
Cam Hague

PGY 3— Best Teacher
Paula Gordon

PGY 2— Best Teacher
Luck Louis

Best Fellow Teacher
Marc Elliott

Best Junior Staff Award
Tony Sedlic

Staff Professionalism Award
Jason Shewchuk

Resident Professionalism Award
Dave Russell
GRAD NIGHT 2015!
GRAD NIGHT 2015!

Welcoming Committee
L-R, Christie Fong, Marie Punzalan, Wendy Westman

Best Teacher Award Celebration PGYS
Back L-R, Madalsa Joshi, Behrang Homayoon, Bippan Sangha; Front L-R, Kristy Lee, William Yee, Carola Behrens, Steven Co
Awards and Recognitions

UBC VANIER SCHOLARS, UBC’s Faces of Research

The Vanier Canada Graduate Scholarships focus in on graduate students who demonstrate strong leadership skills and high standards of ‘scholarly achievement’ in the humanities, social sciences, natural sciences, health or engineering. The eligible candidates are nominated by the host university and if chosen, the Vanier CGS offers these top-tier students ‘a significant financial award’ — $50,000 per annum for up to three years — to assist their studies.

Each year, UBC nominates a number of outstanding scholars to the national competition. In 2014, 31 of these gifted UBC graduate students accepted Vanier Scholarships, more than were awarded at any other Canadian university. Beyond the obvious personal benefits of the award for each student, their time as scholars at UBC enriches the campus on all levels. Not only do they contribute to the university’s reputation as a global centre of research excellence but their leadership and influence extends to all students within graduate studies and beyond at UBC.

‘Erin Macri is a Graduate Student at the Centre for Hip Health, and is doing MSK research with the Stand-up MRI unit, under the supervision of Dr. Forster.’

Back Row (l-r): Kaylee Byers, Sam Stiegler, Rowan Cockett, Richie Nojang Khatami
Middle Row (l-r) Lindsey Heagy, Jackie Lerner, Jennifer Lay, Sabine Lague, David Twa, Kari Grain, Erin Macri, Miriam Matejova
Front Row (l-r) Victor Li, Sahan Ranamukhaarachchi, Andrea Jones, Crystal Karakochuk, Alessio Gallina, Ron Darwin
Excitations

Visiting Professor

Cresswell, Mark

**Wrist and Hand Ultrasound.** University of Michigan 9th Annual Fundamentals of Musculoskeletal ultrasound Course San Diego, 2015 March

**Ultrasound guided hyperosmolar dextrose injections.** University of Michigan 9th Annual Fundamentals of Musculoskeletal ultrasound Course San Diego, 2015 March

**How I do it: Live demonstration of ankle ultrasound.** Musculoskeletal MR and Ultrasound Imaging Whistler, BC. 2015 February

**How I do it: Live demonstration of wrist ultrasound.** Musculoskeletal MR and Ultrasound Imaging Whistler, BC. 2015 February

**Spring ligament and pes plana deformity.** Musculoskeletal MR and Ultrasound Imaging Whistler, BC. 2015 February

**Brachial plexus: Injuries and assessment. What can we see?** Musculoskeletal MR and Ultrasound Imaging Whistler, BC. 2015 February

**Forefoot pathology (mortons, stress fractures, Frieberg’s).** Musculoskeletal MR and Ultrasound Imaging Whistler, BC, 2015 February

Forster, Bruce

**The Revolution in MSK Imaging: Lessons learned from the Vancouver Olympic and Paralympic Games.** Visiting Professorship, Aspetar Sports Medicine Hospital, Doha Qatar, Feb 23-26, 2015

**How to read knee MRI’s and make (practically) no mistakes.** Visiting Professorship. University of Gothenburg, Gothenburg Sweden. May 20, 2015.


**Shoulder MRI: Five cases that will change the way you think.** Visiting Professorship. University of Helsingborg, Helsingborg, Sweden. May 21, 2015.


Leipsic, Jonathon

**Visiting Professor**, Dept of Cardiology, Henry Ford Health System, Detroit, MI, Feb 17, 2015

Excitations

Peer Reviewed Publications

Alshammari, Mohammed Thani

Andrews, Gordon

Benard, Francois


Peer Reviewed Publications

Chang, Silvia


A data-driven approach to prostate cancer detection from dynamic contrast enhanced MRI. Haq NF, Kozlowski P, Jones EC, Chang SD, Goldenberg SL, Moradi M. Comput Med Imaging Graph. 2015 Apr;41:37-45.

Cresswell, Mark

**Peer Reviewed Publications**

**Darras, Kathryn**


**Forster, Bruce**

**Sink or night float: University of British Columbia Radiology Residents’ experience with overnight call.** Scali EP, Strovski E, Forster BB, Mar C, Chang SD. Canadian Association of Radiology Journal Jan 10, 2015 [Epub ahead of print]


**Gordon, Paula**


**Harris, Alison**


Peer Reviewed Publications

Khorrami-Arani, Nivmand


Kozoriz, Michael


Leipsic, Jonathon


Leipsic, Jonathon cont’d


Leipsic, Jonathon cont’d


Peer Reviewed Publications

Leipsic, Jonathon cont’d


Lentle, Brian


Lentle, Brian cont’d


Lin, Kuo-Shyan


Liu, David


Louis, Luck


McLaughlin, Patrick

Peer Reviewed Publications

Nadel, Helen


Ouellette, Hugue


Scali, Elena


Shewchuk, Jason


Xiang, Qing-San

Improving Image Quality for Skipped Phase Encoding and Edge Deghosting (SPEED) by Exploiting Several Sparsifying Transforms, Zhaoyang Jin, Haihui Ye, Yiping P. Du, and Qing-San Xiang, research article in Magnetic Resonance in Medicine. Accepted for publication on May 25, 2015
Excitations

Abstracts

Benard, Francois


Comparison of SUVmax quantitation between OSEM and BSREM (regularized iterative) reconstruction when combined with a data-driven PET quiescent period gating (DDQPG). Wollenweber S, Benard F. Annual Meeting of the Society of Nuclear Medicine and Molecular Imaging. Published in Journal of Nuclear Medicine. 2015;56:562


Abstracts

Chang, Silvia

Dual Source Strength Planning for Focal Low-Dose-Rate Brachytherapy of Prostate Cancer. Mahdavi SS, Spadinger IT, Morris WJ, Salcudean SE, Chang, SD, Kozlowski, P, Chang N. ABS General Meeting, April 9-11, 2015, Orlando, Florida.


Leipsic, Jonathon


Leipsic, Jonathon cont’d


Lin, Kuo-Shyan

A new 18F-RBF3 radioprosthetic for one step aqueous labeling of peptides and other ligands: meeting the challenge of radiosynthetic ease and preclinical impact i.e. high specific activity and high T:NT ratios. Perrin DM, Lin KS, Benard F, Yapp DT, Liu Z, Pourghiasian M, Lau J, Zhang Z, Jenni S. Presented at the 2015 Annual Meeting of the Society of Nuclear Medicine and Molecular Imaging held on June 6-10 in Baltimore, MD, USA.
Abstracts

Lin, Kuo-Shyan cont’d


Development of an imaging approach to detect splice variants of androgen receptor in prostate cancer. Imamura Y, Tien AH, Jian K, Pan J, Lin KS, Andersen RJ, Sadar M. Presented at the 2015 American Society of Clinical Oncology Annual meeting held on May 29 – June 2 in Chicago, IL, USA.

Nadel, Helen


Xiang, Qing-San


Guest Lecturer

Chang, Silvia


**Multi-parametric MRI of the Prostate**, CAR at the 2015 Joint Congress on Medical Imaging and Radiation Sciences May 29, 2015, Montreal, Que.

Forster, Bruce


**Five easy steps that will make the shoulder MR Arthrogram your favorite study**, Musculoskeletal MR and Ultrasound Imaging Course, Whistler, BC, Feb 7-10, 2015.


**Choosing Wisely: Appropriateness in Medical Imaging**, Vancouver Acute Medical Advisory Committee, May 4, 2015, Vancouver, BC.

**Key points in MSK MRI of the lower extremity.** Canadian Association of Radiology Annual Meeting, May 28-30, 2015.

Leipsic, Jonathon

**MDCT for Structural Heart Disease**, SCCT Winter Meeting, Jan16-19, 2015

**Dual Energy Cardiac CT**, SCCT Winter Meeting, Jan16-19, 2015

**MDCT for TAVR**, 30th Annual Cedars Sinai Nuclear Cardiology Cardiac CT Review Jan 21-24

**Towards the Perfect CT Scanner**, 30th Annual Cedars Sinai Nuclear Cardiology Cardiac CT Review Jan 21-24

**Tips and Tricks for Annular Assessment**, American College of Cardiology 64d Annual Scientific Session and Expo, Mar 11-15 San Diego, CA.

**MDCT for Mitral Annular Assessment.** American College of Cardiology 64d Annual Scientific Session and Expo, Mar 11-15 San Diego.
Guest Lecturer

Leipsic, Jonathon cont’d

**Modifying Scan Protocols to Optimize CT assessment for Structural Heart Disease**, American College of Cardiology 64th Annual Scientific Session and Expo, Mar 11-15 San Diego.

**Role of FFRCT for Ischemia Assessment**, ARRS. April 23, 2015 Toronto, Canada.


**Sizing Algorithms for Balloon Expandable Transcatheter Heart Valves**, Transcatheter Valvular Therapeutics, Jun 3-6 2015, Chicago.

**Are vs Perimeter the ongoing Annular Debate**, Transcatheter Valvular Therapeutics, Jun 3-6 2015, Chicago.

**MDCT is the Gold Standard for Annular Sizing**, Transcatheter Valvular Therapeutics, Jun 3-6 2015, Chicago.

Liu, David


Nadel, Helen


Pugash, Denise


**Obstetrical Ultrasound Tips and Tricks.** GE Education Day, BCIT, January 24 2015

Shewchuk, Jason


Xiang, Qing-San

Grants

Alshammari, Mohammed Thani

Galil Medical, Cryoablation of symptomatic benign thyroid nodules, 38860 USD, March 5, 2015, Dr. David Liu PI.

Darras, Kathryn


Pugash, Denise

CFI Innovation Fund 2015 Project #33585, $827,685. Principal Investigator: Denise Pugash Co-PIs: A Rauscher, R Rohling, P von Dadelszen, G Dumont, J Hutcheon, KS Joseph, S Langlois, P Lavoie, E Skarsgard

Xiang, Qing-San


Workshops

Cresswell, Mark

Musculoskeletal ultrasound hands on workshop, American Rontgen Ray Society meeting Toronto, demonstrator April 2015

Musculoskeletal ultrasound hands on workshop, Musculoskeletal MR and Ultrasound Imaging Whistler, BC, demonstrator Feb 2015 - 2 days

Musculoskeletal ultrasound hands on workshop, University of Michigan 9th Annual fundamentals of Musculoskeletal ultrasound course San Diego, demonstrator March 2015 - 5 days

Books & Chapters

Media Interaction

Forster, Bruce

Article in CMAJ (Canadian Medical Association Journal) and on CWC (Choosing Wisely Canada website), More Hospitals Choosing Wisely, Forster B, Vogel L.

Gordon, Paula

Medscape Interview – Breast arterial calcification seen on mammography. April 22, 2015

APPOINTMENTS

Gordon, Paula

Board member, secretary/treasurer, Society of Breast Imagin, 2015-present

Nadel, Helen

Chair, Nuclear Medicine Committee, Society for Pediatric Radiology, appointed April 2015

Appointed as member of Appropriate Use Criteria Committee of Society of Nuclear Medicine and Molecular Imaging, for : PET/CT for restaging of malignant disease, Appointed as representative of The Society for Pediatric Radiology and Canadian Association of Nuclear Medicine, February, 2015.

Nicolaou, Savvas

UBC Faculty of Medicine, Faculty Executive for a three (3) year term from July 1, 2015 to June 30, 2018.
**Appointments**

**Promotions**
- Dr Heather Bray, Clinical Associate Professor
- Dr Robyn Cairns, Clinical Professor
- Dr Richard Eddy, Clinical Associate Professor
- Dr Brad Halkier, Clinical Associate Professor
- Dr Dan Hou, Clinical Assistant Professor
- Dr Jason Shewchuk, Clinical Associate Professor
- Dr David Spouge, Clinical Assistant Professor
- Dr Ian Weir, Clinical Associate Professor
- Dr Charlotte Yong-Hing, Clinical Assistant Professor

**New Clinical Appointments**
- Dr Aileen Rankin, Clinical Instructor
- Dr Ren Yuan, Clinical Instructor
- Dr Brenda Farnquist, Clinical Instructor
- Dr Kenneth Bentley, Clinical Assistant Professor