

**CANM
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**CANADIAN ASSOCIATION OF NUCLEAR MEDICINE
*ASSOCIATION CANADIENNE DE MÉDECINE NUCLÉAIRE***

**2010 ANNUAL SCIENTIFIC MEETING
RÉUNION SCIENTIFIQUE ANNUELLE 2010**

FACULTY / CONFÉRENCIERS

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Canadian Association of Nuclear Medicine
*l'Association canadienne de médecine
nucléaire*
&
l'Association des médecins spécialistes en
médecine nucléaire du Québec



May 5-8, 2010 / du 5-8 mai 2010
Montréal, Québec

FACULTY LIST / LISTE DES CONFÉRENCIERS

Cigdem Akincioglu

Dr. Cigdem Akinoglu is Assistant Professor at the University of Western Ontario, Department of Medical Imaging. Dr. Akinoglu did her Residency in Nuclear Medicine at Gazi University Medical Faculty, Ankara, Turkey. She has research interests in all Nuclear Medicine applications, particularly improvement of cardiac imaging methods and protocols, correlative and hybrid/fusion imaging and the use of novel tracers in myocardial imaging.

Chantal Asselin

Chantal Asselin enseigne la radiobiologie et la radioprotection dans le programme de Technologie de médecine nucléaire au collège Ahuntsic à Montréal depuis 1986 et est responsable de la coordination du département depuis 1997. Depuis le début des années 1990, elle est membre de l'Association canadienne de radioprotection et responsable de la radioprotection du collège Ahuntsic. À titre de consultante en radioprotection, elle a donné de nombreuses formations et conférences un peu partout au Québec et écrit plusieurs avis de radioprotection pour l'Ordre des technologues en radiologie du Québec.

Grégoire Blais

Andrée Boucher

Andrée Boucher MD FRCPC, is associate professor in the *Université de Montréal's* Department of Medicine where she serves as Vice-Dean of Medical Education and Continuing Professional Development. Endocrinologist specialized in thyroid cancer and clinical researcher, she is the current Medical Director of the Thyroid Cancer Unit, at the *Université de Montréal Health Centre* (university hospital). Her team was recently awarded a supra-regional designation by the province's Ministry of Health and Social Services based on the highest quality standards. Her experience in medical education includes all levels of training—undergraduate, graduate, post-graduate, and physicians' continuing professional development. She developed and was a major contributor in many innovative projects including implementing ambulatory care personnel rotation, horizontal collaborative training program, and a community of practice in medical education. She is a sought out speaker and has received various awards from different organizations including the *Université de Montréal*, National Specialties Associations and Students associations.

Harrie Buurlage

Mathieu Charest

Richard Coté

Richard V. Coté was appointed Vice President- Isotopes Business of AECL in May of 2008. Mr. Coté works closely with industry and the Government of Canada with respect to the production of medical isotopes at the Chalk River Laboratory. Richard is AECL's representative on the *Association of Imaging Producers and Equipment Suppliers* and the *Nuclear Energy Agency* a High Level Group on Medical Isotopes – organizations that work globally on strategies and protocols to ensure reliability and sustainability of medical isotopes supply to Canada and global markets. Richard joined AECL in 2005 as Vice President of Finance where he was responsible for line financial management, corporate risk management, corporate financial planning processes, corporate procurement, and facilities management. Richard is an active member of the Executive Management Team where he supports the development of corporate strategies and he has led various strategic reviews of the Corporation. Richard joined AECL from GE Hydro, where he held many senior positions including VP Finance and VP Sales and Marketing. During his career at GE, Richard led Corporate acquisitions, risk management planning processes, sales and marketing teams and held a broad array of finance roles in Canada and internationally. Richard earned his B.Sc. in a double major in mathematics and chemistry from l'Université de Montréal (Loyola College Campus). Richard and his wife Gail are natives of Montréal and currently live in Oakville, Ontario.

Chris Critch

Chris Critch is Director, Global Isotope Supply at Nordion. Chris Critch has more than 20 years of experience with medical isotopes used in Nuclear Medicine. He has held leadership positions at Nordion in Operations, Research and Development and Strategic Marketing. He has led initiatives to develop new radiopharmaceutical and medical isotope production capabilities and is presently responsible for managing Nordion's global isotope supply network. Chris Critch has an Engineering degree from Memorial University and holds several professional designations.

William Dawes

William Dawes is Vice President, Manufacturing and Supply Chain of Lantheus Medical Imaging and has held that position since 2008. Mr. Dawes holds global responsibility for all production and supply chain functions for Lantheus' nuclear medicine product portfolio, including Technelife® (Technetium Tc99m Generator), Cardiolite®, (Kit for the Preparation of Technetium Tc99m Sestamibi for Injection), Thallium 201 (Thallous Chloride Tl201 Injection), Gallium 67 (Gallium Citrate Ga67 Injection), and Xenon 133 (Xenon Xe 133 Gas). Mr. Dawes is also responsible for manufacturing and supply chain for Lantheus' echocardiography product, DEFINITY® Vial for (Perflutren Lipid Microsphere) Injectable Suspension) and the company's first-in-class magnetic resonance agent, ABLAVAR® (gadofosveset trisodium), which is indicated for the evaluation of aortoiliac occlusive disease in adults with known or suspected peripheral vascular disease. He is actively involved in developing deeper and more extensive supply sources during the current medical isotope shortage, and in scaling up Lantheus' production of thallium to meet customers' needs. Mr. Dawes has testified as a witness on isotope supply to the Committee on Natural Resources in the Canadian House of Commons. He brings nearly 15 years of manufacturing expertise to his position, most recently serving as General Manager, Medical Imaging Technical Operations for Bristol-Myers Squibb Medical Imaging. He began his career with DuPont Merck Pharmaceuticals where he built a strong operations background through positions of increasing responsibility in the areas of packaging, manufacturing and project engineering. Mr. Dawes received a Bachelor's degree in Engineering from Hofstra University.

Marcel Dumont

Le Docteur Marcel Dumont est médecin nucléiste depuis 1984. Il travaille dans le CHUQ, à l'hôpital Saint-François d'Assise et au CHUL. Il est professeur agrégé au département de radiologie de l'Université Laval et en est le directeur. Il est auteur ou co-auteur de plus de 75 articles et abstracts publiée dans des revues avec des comités de pairs et a fait plus de 130 présentations nationales et internationales. Il est chef adjoint

du service de médecine nucléaire du CHUQ. Il a été et est membre de plusieurs comités scientifiques, professionnels et organisateurs.

Frederic Fahey

Dr. Frederic Fahey serves as Director of Nuclear Medicine Physics and PET at Children's Hospital Boston, and he is an Associate Professor of Radiology at Harvard Medical School, Joint Program in Nuclear Medicine. Dr. Fahey's interests are PET and SCPECT instrumentation, limited angle tomography, multi-modality image presentation.

Peter Fundarek

Mr. Peter Fundarek obtained a Master of Science degree in radiation biology from the University of Toronto before beginning his career in radiation protection. His first position involved providing radiation protection services for workers at a uranium mine and mill in northern Saskatchewan. In his next position, he was responsible for all health and safety matters at a nuclear fuel fabrication plant in Port Hope. He later returned to work at the University of Toronto, spending ten years as the Chief Radiation Protection Officer for the institution before joining the Canadian Nuclear Safety Commission as a Project Officer overseeing the decommissioning of nuclear facilities across Canada. Since April 2005, he has been the Director, Nuclear Substance and Radiation Devices Regulation Division at the CNSC. This division is responsible for licensing the use of nuclear substances and radiation devices for most medical, academic and industrial applications, including nuclear medicine. He has continued the efforts to ensure that the licensing process is open, transparent and consistent for all licensees with improved communication between all stakeholders.

Gary Heller

Dr. Gary Heller is Professor of Medicine and Nuclear Imaging at the University of Connecticut School of Medicine in Farmington, Connecticut. At Hartford Hospital, he is the Associate Director of the Division of Cardiology, Director of Nuclear Cardiology Laboratory, and Program Director of the Hartford Hospital/University of Connecticut Cardiovascular Fellowship in Hartford, Connecticut. Dr. Heller received his medical degree and Ph.D from Case Western Reserve School of Medicine and completed his internship and residency at Boston City Hospital and University Hospital in Boston, Massachusetts. His cardiovascular fellowship training was at Beth Israel Hospital, Boston, Massachusetts and he was on the faculty of the Harvard University Medical School. Dr. Heller was Associate Professor of Medicine at Brown University, and Director of Nuclear Cardiology at Memorial Hospital of Rhode Island prior to moving to Connecticut. Dr. Heller is the Past-President of the American Society of Nuclear Cardiology and is a member of the Editorial Boards of the *Journal of the American College of Cardiology*, the *American Journal of Cardiology*, and the *Journal of Nuclear Cardiology*. He is also co-editor of *Nuclear Cardiology: Practical Applications* and *Nuclear Cardiology: Technical Applications* and recently is the co-editor of *Nuclear Cardiology: Technical Applications*.

Marc Hickeson

Dr. Hickeson is the program director of the nuclear medicine residency at McGill University. He graduated from Medical School at the University of Ottawa in 1996. He pursued and completed his residency in Nuclear Medicine at McGill University in 2000. He then completed a 2-year fellowship in Positron Emission Tomography at the University of Pennsylvania in 2002.

His areas of academic and research interest include positron emission tomography, nuclear oncology and Beta cell imaging in diabetes.

Josée Lebrun

La Dre Lebrun exerce comme nucléiste depuis 1995 à l'Hôpital St-Sacrement de Québec. Chef du service de médecine nucléaire du CHA (hôpitaux St-Sacrement et Enfant-Jésus). Présidente du Comité de Radioprotection du CHA. Chargé de clinique à l'Université Laval. Membre de la clinique d'oncologie

thyroïdienne de la région de Québec. Intérêt particulier en médecine nucléaire et cancer du sein (notamment le Ganglion Sentinelle) et en cancer de la thyroïde.

Daniel Levin

Dr. Daniel Levin is an associate professor in the departments of Radiology and Child Health at the University of Manitoba. He is chair of The Specialty Committee in Nuclear Medicine of The Royal College of Physicians and Surgeons of Canada. He is head of the Section of Nuclear Medicine at Grace General Hospital, and a staff Nuclear Medicine physician at Health Sciences Centre. Dr. Levin's clinical work is in Nuclear Medicine and PET, with special interest and expertise in pediatric Nuclear Medicine. He works closely with pediatric endocrinology in radioactive iodine treatment of hyperthyroid and thyroid cancer patients, and is involved in treatment of adult thyroid cancer patients. Dr. Levin attended the University of Manitoba Medical School, worked as an emergency physician at the Victoria General Hospital, and pursued Nuclear Medicine specialty training at the University of Manitoba, McGill University, and the University of Montreal.

Conor Maguire

Dr. Conor Maguire hails from Newfoundland. He attended St. Francis Xavier University in Antigonish, Nova Scotia for two years prior to entering Memorial University of Newfoundland Medical School. Dr. Maguire completed Diagnostic Radiology training at MUN in 1987 and Nuclear Medicine Residency training at University of Western Ontario in 1989. After a brief rural practice in central Newfoundland, Dr. Maguire moved to Edmonton, Alberta where he currently continues combined Diagnostic Radiology and Nuclear Medicine practice with Medical Imaging Consultants with his primary site of practice being the University of Alberta Hospital. He has enjoyed the academic side of medicine, mainly as a teacher and in various administrative roles. Dr. Maguire is married to his high school sweetheart, Carolyn and has one daughter, Colleen. Dr. Maguire is happy to be in Montréal, the home of his beloved Habs.

Thom Mason

Thomas Mason is a native of Dartmouth, Nova Scotia, Canada. He graduated from Dalhousie University in Halifax, Nova Scotia, with a Bachelor of Science degree in physics and completed his postgraduate study at McMaster University in Hamilton, Ontario, receiving a Doctor of Philosophy degree in experimental condensed matter physics. Thomas Mason held a postdoctoral fellowship at AT&T Bell Laboratories in New Jersey and then became a Senior Scientist at Risø National Laboratory in Denmark. In 1998, Thom Mason joined Oak Ridge National Laboratory (ORNL) as Scientific Director for the Department of Energy's Spallation Neutron Source (SNS) project. In 2001, he was named Associate Laboratory Director for SNS and Vice President of UT-Battelle, LLC, which manages ORNL for the Department. In May 2007, Thom Mason was named Director of Oak Ridge National Laboratory. He is coauthor of more than 100 refereed publication and has been received numerous fellowships.

Michel Picard

Dr. Michel Picard is an Associate Professor of Radiology (Nuclear Medicine) and Director of the Nuclear Medicine teaching program at Université de Montréal. Dr. Picard is also affiliate with the CHUM, Saint-Luc Hospital in Montréal. Dr. Picard has greatly contributed to teaching Nuclear Medicine residency program and other training programs at the Université de Montréal: Cardiology, endocrinology and gastroenterology. Dr. Picard has a great interest in optimizing V/Q scan technique and V/Q scan comprehension among referring clinicians.

Andrew Ross

Dr. Andrew Ross was born and raised in the Maritimes. He did his undergraduate studies, Medicine and Radiology at Dalhousie University in Halifax. He graduated in Medicine in 1987, finished his Radiology residency in 1993, did his Nuclear Medicine residency at UBC and finished in 1994, and did a PET fellowship in Melbourne Australia with Dr. Rod Hicks in 2007. Dr. Ross is currently Division Head of Nuclear Medicine

in Capital District Health Authority in Halifax and Associate Professor at Dalhousie University; he is also Medical Director of the Nova Scotia PET Center.

Éric Turcotte

Dr Éric Turcotte is a specialist in nuclear medicine since 2004. He graduated from the University of Sherbrooke in 2001. He performed a two year fellowship at the University of Washington Medical Center in Seattle with Dr. Hubert Vesselle. They worked together on several oncologic projects including the use of FLT for lung tumor imaging and artificial neural networks. In 2004, he returned to the University of Sherbrooke as an adjunct professor in the Department of Nuclear medicine and radiobiology. He is also a junior FRSQ clinician-researcher working on early chemotherapy response assessment of lymphomas with FDG and FLT PET. Promoted clinical head of the Molecular Imaging center of Sherbrooke in January 2008, the imaging center received under his administration an Establishment license to produce FDG. The imaging center also owns CTAs for FLT, NaF, FES and now works on other tracers including FET, DOPA and Gallium-68 labeled tracers. Many other clinical and fundamental projects are underway as a PI or co-PI: brain metabolism of carbon-11 AcetoAcetate in Alzheimer disease, evaluation of head and neck cancer and colon cancer with FLT, search of mARN splicing variants signature in high grade lymphomas, assessing lung nodule transthoracic biopsy quality after an FDG injection. He has been very prolific in scientific papers in oncology and PET-scan and has been an invited speaker in more than thirty meetings regarding the clinical uses of PET.

Richard Wassenaar

Richard Wassenaar hold a Ph.D. in Physics (Medical) from Carleton University (2005). His doctoral research was one at the University of Ottawa Heart Institute and focussed on analysis of cardiac PET images. Since 2005, Dr. Wassenaar has been the corporate medical physicist in the Division of Nuclear Medicine at the Ottawa Hospital. Here he has developed the clinical imaging protocols and the camera quality assurance program for the department and has helped introduce SPECT/CT into the department's clinical practice. Dr. Wassenaar also heads the departmental research program aimed at improving disease diagnostic through advanced computer analysis of Nuclear Medicine images. His research interests focus on analysis of cardiac images to quantify ventricular wall motion abnormalities and computer assisted diagnosis of blood clots in the lungs. Dr. Wassenaar is an Assistant professor in the Department of Medicine at the University of Ottawa and an Adjunct Professor in the Department of Physics at Carleton University.

