

Short CV

Dr. Sandor Demeter
University of Manitoba
Winnipeg, Manitoba
CANADA
sandor.demeter@umanitoba.ca (academic)
sdemeter@hsc.mb.ca (work)



Short Bio

Dr. Demeter received a BSc (1986) and MD (1989) from the University of Saskatchewan; Canadian Royal College Fellowship (FRCPC) in Public Health (1994), a Master of Health Science in Community Health and Epidemiology (1993), from the University of Toronto; an FRCPC in Nuclear Medicine (2002), an MSc (2004) from the University of Alberta; and a Master of Science in Health Physics (2016) from the Illinois Institute of Technology. His career spans over a decade working in public health and more than a decade in clinical nuclear medicine. He has held senior medical and academic administrative positions including Academic and Clinical Head of Radiology. He is a Commission Member with the Canadian Nuclear Safety Commission (2017 to present), as well as a C3 committee member with the ICRP (2013 to 2021). His research interests include public health aspects of ionizing radiation, health technology assessment, health economics and health policy.

Select ICRP Work/Participations (C3)

Web Based “**Radiation and your patient**” revisions resulting in ongoing ICRPaedia project.

TG 117 (member) PET/CT

WG (chair) - Production and transport of radiopharmaceuticals (env. scan and gap analysis)

TG 89 (designated reviewer) Occupational Radiological Protection in Brachytherapy

Employment - Nuclear Medicine – Health Sciences Centre Winnipeg, MB

Nuclear Medicine Staff Nuclear Medicine Physician (August 2002 to *present*), Section Head of Nuclear Medicine (April 2004 to September 2017), Co-Director of PET/CT Program (April 2004 to September 2017), Medical Director WRHA Central Radiopharmacy (2006 to September 2017), WRHA Medical Director Diagnostic Imaging (October 2009 to August 2012), HSC Site Medical Manager of Diagnostic Imaging (October 2009 to August 2012), University of Manitoba Department Academic Chair, Radiology (October 2009 to August 2012)

Academic

Associate Professor, Faculty of Health Sciences, University of Manitoba

Adjunct Professor, Dept. of Physics, University of Winnipeg

Select Publications

Demeter S. *Economic Considerations for Radiation Protection in Medical Settings—Is it Time for a New Paradigm?*. Health Physics. E-pub ahead of print Aug, 2020. DOI: 10.1097/HP.0000000000001286

OECD/NEA (2019), *The Supply of Medical Isotopes: An Economic Diagnosis and Possible Solutions*, OECD Publishing, Paris, <https://doi.org/10.1787/9b326195-en>. Chapter Author: S. Demeter. Chapter 1 -*Health care systems require Tc-99m to maintain patient care*. November 18, 2019

Demeter S, Goertzen AL, Patterson J. *Demonstrating Compliance to Proposed Reduced Lens of Eye Dose Limits in Nuclear Medicine Settings*. *Health Physics*: 2019 Sep;117(3):313-318. doi: 10.1097/HP.0000000000001059

Demeter S, Fife I, McIntosh B. *Radiation Effects* (2018). RSNA/AAPM Online Physics Modules. 2nd Edition. <http://www.rsna.org/Physics-Modules/> or <http://www.aapm.org/education/>

Morrison A, Demeter S, Koff D. *Radiation protection and safety: awareness and implementation of the Bonn Call for Action priorities in Canada*. Ottawa: CADTH: 2018. (Environmental scan; no. 75).

Demeter S, Szweda, R, Patterson J, Grigoryan M. Altered [^{99m}Tc]Tc-MDP biodistribution from neutron activation sourced ⁹⁹Mo. *J Radioanal Nucl Chem*:2018; 316(2):1-9 . <https://doi.org/10.1007/s10967-018-5826-0>

Demeter S. Resolving Differences in International Tritium Drinking Water Reference Levels. *Canadian Radiation Protection Association Bulletin*: 2017; 3(1):9-13

Demeter S J. Helping Health Care Providers and Clinical Scientists Understand Apparently Irrational Policy Decisions. *Cureus*: 2016; 8(12): e936. doi:10.7759/cureus.936

Demeter S, Applegate KE, Perez M. Internet-based ICRP resource for healthcare providers on the risks and benefits of medical imaging that uses ionising radiation. *Ann ICRP*. :2016 Jun;45(1 Suppl):148-55

Select Appointments

Federal permanent part-time Commission Member - Canadian Nuclear Safety Commission (CNSC). Appointment - 2018 - 2023.

Canadian Agency for Drugs and Technologies in Health (CADTH) core member of the Health Technology Expert Review Panel (HTERP) September 1, 2019 – September 30, 2023

Canada Safe Imaging (formed in 2015) Executive Committee member June 2016 to December 2020

<http://www.car.ca/en/education/canadasafeimaging.aspx>



Curriculum Vitae

Sandor Jean Demeter

2020

Rev. Jan. 20, 21

Sandor Jean Demeter:

BSc, MD, MHSc, MHP, FRCPC (Nuclear Medicine, Public Health), ABPM, FACPM, ABNM

sdemeter@hsc.mb.ca (work)
sandor.demeter@umanitoba.ca (academic)

WORK

Clinic F
Section of Nuclear Medicine
HSC- Shared Health MB
820 Sherbrook Street
Winnipeg, MB
R3A 1R9
(204) 787-3375 (fax (204) 787-3090)

EDUCATION

University of Saskatchewan, Saskatoon Saskatchewan

Pre-medical program (Arts and Science)	1981 - 1983
Bachelor of Science (BSc)	1986
Medicine	1984 - 1989
Doctor of Medicine (MD)	1989
American National Boards (III)	1991

Ryerson Polytechnical Institute, Toronto Ontario

Environmental Health Program	1983 - 1984
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POST GRADUATE TRAINING

University of Calgary - Foothills Hospital

Family Medicine	1989 - 1990
Anatomic Pathology	1990 - 1991

University of Toronto

Community Medicine Residency	1991 - 1994
MHSc - Community Health and Epidemiology	1993
FRCPC (Community Medicine/Public Health)	July 1994

University of Alberta

Nuclear Medicine Residency	1998 - 2002
MSc (Thesis)	June 2004
FRCPC (Nuclear Medicine)	July 2002

Illinois Institute of Technology - Chicago

MHP (Master of Health Physics)	May 2016
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OTHER

American Board of Nuclear Medicine (ABNM)	2002
Fellow American College of Preventive Medicine	2000
Diplomat American Board of Forensic Examiners	1996
Diplomat American Board of Forensic Medicine	1996
American Board of Preventive Medicine (ABPM)	1995
American Certification Board of Infection Control	1996
Ontario Medical License	1991 to present
Alberta Medical License	1997 to 2002
Manitoba Medical License	2002 to present
Certified Clinical Densitometrist (CCD)	2001

EMPLOYMENT

Nuclear Medicine

Staff Nuclear Medicine Physician –August 2002 to *present*

Section Head of Nuclear Medicine - Health Science Centre April 2004 to September 2017

Co-Director of WRHA PET/CT Program - April 2004 to September 2017

Medical Director WRHA Central Radiopharmacy – 2006 to September 2017

WRHA Medical Director Diagnostic Imaging – October 2009 to August 2012

HSC Site Medical Manager of Diagnostic Imaging - October 2009 to August 2012

University of Manitoba Department Chair, Radiology – October 2009 to August 2012

Associate Professor - Faculty of Health Sciences – College of Medicine – Radiology and Community Health Sciences

Adjunct Professor, University of Winnipeg – Dept. of Physics – September 2011 to February 28, 2022

Shared Health Manitoba (formerly Winnipeg Regional Health Authority)

Health Sciences Centre – Nuclear Medicine – Clinic F

820 Sherbrook Street

Winnipeg, MB

R3A 1R9

(204) 787-9975

(204) 787-3090 fax

sdemeter@hsc.mb.ca

Deputy Medical Officer of Health/Associate Medical Officer of Health

April 1997 to June 1998/ (Associate MOH July 1998 – 2002)

Capital Health Regional Health Authority

Suite 300, 10216 - 124 Street, Edmonton, Alberta, T5N 4A3

Medical Officer of Health and Commissioner of Public Health

April 1995 to April 1997

Regional Municipality of Haldimand Norfolk

70 Town Center Drive, Townsend, Ontario N0A 1S0

Acting Medical Officer of Health

January 1996 to May 1996

Elgin St. Thomas, Ontario

Federal Field Epidemiologist

July 1994 to March 1995

Health Canada - Health Protection Branch

Laboratory Center for Disease Control (LCDC)

Dr. Paul Gully (Chief - STD and Hepatitis)

Dr. Jamie Hockin (Chief - Field Epidemiology)

Teaching Portfolio

CHSC 7300 Health Policy and Planning – graduate course instructor/professor - 2020 Fall Session

Nuclear Medicine mentor – nuclear medicine residents, off-service residents and medical students – 2002 to present

U of M Nuclear Medicine Residency Training Committee member 2002 to present

Other Academic work

- teaching and tutorial session on health economics -undergrad – CHS
- guest lecturer health economics – graduate - CHS
- specialty rotation (debriefing and presentation/paper review)
- BSc Med and Med II submission reviewer

CONSULTING EXPERIENCE (truncated to last 10 years)

2019/20 Canadian Agency on Drugs and Technologies in Health (CADTH) External reviewer for: CADTH - The Canadian Medical Imaging Inventory, 2020

2018 OECD Project on: Economically sustainable and secure supply of radioisotopes used in medical imaging – Clinical Content - Organization for Economic Co-operation and Development [Chapter Author]

2017 Canadian Agency on Drugs and Technologies in Health (CADTH) External reviewer for: CADTH - The Canadian Medical Imaging Inventory, 2017

2016/17 Canadian Agency on Drugs and Technologies in Health (CADTH), Health Technology Expert Review Panel (HTERP) member for Optimal Imaging for Pulmonary Embolism project

2015 Canadian Agency on Drugs and Technologies in Health (CADTH) External reviewer for: CADTH - The Canadian Medical Imaging Inventory, 2015

2012 to February 2017 Physician Advisor to the Canadian Nuclear Safety Commission

- Hearings attended
 - Ontario Power Generation Inc. (OPG), Darlington Nuclear Generating Station – Courtice, ON, November 2015
 - Bruce Power Inc., Bruce Nuclear Generating Station - Kincardine, Ontario. Kincardine On. April 2015
 - Cameco Corporation, Key Lake, McArthur River and Rabbit Lake uranium operations - Lac La Ronge SK, October 2013
 - Cameco Corporation, Cigar Lake Uranium Operation - Saskatoon SK. April 2013
 - Ontario Power Generation Inc. (OPG), Pickering Nuclear Generating Stations - Pickering ON. February 2013

2012/13 Nuclear Medicine Tertiary Care Clinical Operational Review – Kingston, Ontario

2010 Clinical expert in PET/CT assisting Eastern Health (Newfoundland and Labrador) in an RFP process for a clinical PET/CT unit as well as general advise related to cyclotrons and related chemistry options.

KEY COMMITTEES, ASSOCIATIONS AND APPOINTMENTS

Canadian Agency for Drugs and Technologies in Health (CADTH) core member appointment to the Health Technology Expert Review Panel (HTERP) effective September 1, 2019 – September 30, 2023.

Federal Commissioner appointment to the Canadian Nuclear Safety Commission (CNSC). Five-year appointment as a permanent part-time Commission member commencing March 12, 2018.

Federal Commissioner appointment to the Canadian Nuclear Safety Commission (CNSC). One-year appointment as a part time permanent part time member commencing February 17, 2017.

International Commission on Radiological Protection (ICRP) – Committee 3 (Medicine) member July 2013 – June 2017, Second term 2017 - 2021

Canadian Association of Medical Physicists (COMP) Winter School Planning Committee – Diagnostic Imaging Quality Improvement and Radiation Safety, Fairmont Le Chateau Montebello in Quebec, February 2 – 5, 2017
<https://www.comp-ocpm.ca/2017-winter-school/>

Canada Safe Imaging committee member
Executive Committee June 2016 - 2020
<http://www.car.ca/en/education/canadasafeimaging.aspx>



OTHER WORK

Medical Examiner – Manitoba, November 2003 to present (inactive at present)

Sessional Physician (family practice) - Tudor Glen Medi-Centre, St. Albert, AB. July 1997 to April 2001

Coroner appointment - Order in Council - for the Niagara Coroners' Region - Ontario, October 1995 to April 1997.

Travel Medicine / Communicable Disease Specialty Clinic (January 1996 to April 1997) – Simcoe, Ontario

Provincial Offenses Officer under the Tobacco Control Act (October 1995 to April 1997)

Sessional Physician (1995) with the Brant County STD Clinic

Sessional Physician (1994 - 1995) Elgin Family Medicine Center - Ottawa

Sessional Physician (1994 - 1995) with the Ottawa-Carleton STD / Family Planning clinic

Sessional Physician (1991 - 1994) at "The House" a Toronto Community Health Center providing primary care for youth and young adults.

GRANTS

2015 MITNEC - Medical Imaging Trial Network of Canada Clinical Trial Grant (\$140,000)
S Demeter PI. A Prospective Study Comparing Non-Fission Sourced/Solvent Generator Produced ^{99m}Tc -Pertechnetate With Fission Sourced/Column Separation Produced ^{99m}Tc -Pertechnetate, Both as ^{99m}Tc Methylene Diphosphonate, in Oncology Patients

2004 Cancer Care Manitoba (CCMB/CCMF Inc) Research Grant (\$51,115): Retrospective Thyroid Cancer Staging Database using Collaborative Staging Elements. Investigators J Kostyra, WD Leslie, S. Demeter

2004 HSC Foundation Grant (\$15,297). Research Project Title: Is dedicated ultrasound screening of abdominal aortic aneurisms in older men feasible and cost effective in the WRHA?

AWARDS

2002 Eric Lepp Clinical Vignette Awardee – Canadian Society of Nuclear Medicine – Presentation - A Novel Method for Radio-labeling Polyvinyl Alcohol Particles with Prepared ^{99m}Tc Sulfur Colloid, April, 2002

2001 Radiant Amersham Health research awardee (\$6000) through the Canadian Society of Nuclear Medicine – Presentation

2001 Jack Miller Resident Research Award - Department of Radiology and Diagnostic Imaging Research Day –“Costs and Outcomes Related to the Conventional Staging and Management of Primary Lung Cancer in Alberta”. U of A.

2001 Roentgen Resident/Fellow Research Award (Radiological Society of North America)

2000 Jack Miller Resident Research Award – Department of Radiology and Diagnostic Imaging Research Day – “Novel Methods for Labeling Polyvinyl Alcohol Particles with Prepared ^{99m}Tc Sulfur Colloid”. U of A

REVIEWER/REFEREE

Critical Reviewer ICRP Task Group 89 Occupational Radiological Protection in Brachytherapy- 2019

External Reviewer – Saskatchewan Health Research Foundation – Grant Review 2012
Scientific Officer - Ontario Institute for Cancer Research – Grant Review Process 2008
Scientific Officer - Ontario Institute for Cancer Research – Grant Review Process 2007

Canadian Medical Association Journal - 2008
International Journal of Technology Assessment in Health Care - 2005
Alberta Heritage Foundation for Medical Research – HTA report - 2004
Canadian Respiratory Journal – 2003, 2004

Foerster V, Murtagh J, Lentle BC, Wood RJ, Reed MH, Husereau D, Mensinkai S. *CT and MRI for selected clinical disorders: A systematic review of clinical systematic reviews* [Technology report no 59]. Ottawa: Canadian Coordinating Office for Health Technology Assessment; 2005. **acknowledged reviewers:** Demeter S, Mayo JR, Dixon AK, Barkun J, Hailey D

Hailey D, Ohinmaa A, Roine R. Evidence for the Benefits of Telecardiology Applications: A Systematic Review. Alberta Heritage Foundation for Medical Research. October 2004 - HTA 34. **acknowledged reviewers:** Black WR, Demeter S, Collins-Nakai R

Brodsky LM. Wireless Capsule Endoscopy. *Issues in Emerging Health Technologies* 2003 December (53): The Canadian Coordinating Office for Health Technology Assessment (CCOHTA) **acknowledged reviewers:** Barkun A, Demeter S, Wright C, Dubé C

Banerjee S. Multi-slice/Helical Computed Tomography for Lung Cancer Screening . *Issues in Emerging Health Technologies* 2003 June (48): The Canadian Coordinating Office for Health Technology Assessment (CCOHTA) **acknowledged reviewers:** Demeter S, Lentle B, Marshal K, Miller A

PUBLICATIONS

PEER REVIEWED

Demeter S. Economic Considerations for Radiation Protection in Medical Settings—Is it Time for a New Paradigm?. *Health Physics*: (E-pub ahead of print Aug, 2020). 2021Feb; 120 (2): 217-223.doi: 10.1097/HP.0000000000001286

OECD/NEA (2019), *The Supply of Medical Isotopes: An Economic Diagnosis and Possible Solutions*, OECD Publishing, Paris, <https://doi.org/10.1787/9b326195-en>. Chapter Author: S. Demeter. Chapter 1 -Health care systems require Tc-99m to maintain patient care. November 18, 2019

Demeter S, Goertzen AL, Patterson J. Demonstrating Compliance to Proposed Reduced Lens of Eye Dose Limits in Nuclear Medicine Settings. *Health Physics*: 2019 Sep;117(3):313-318. doi: 10.1097/HP.0000000000001059

Demeter S, Fife I, McIntosh B. Radiation Effects (2018). RSNA/AAPM Online Physics Modules. 2nd Edition. <http://www.rsna.org/Physics-Modules/> or <http://www.aapm.org/education/> Demeter S, Goertzen AL, Patterson J [webbasedmodules.asp](http://www.aapm.org/education/webbasedmodules.asp). Released May 18, 2018.

Morrison A, Demeter S, Koff D. Radiation protection and safety: awareness and implementation of the Bonn Call for Action priorities in Canada. Ottawa: CADTH; 2018. (Environmental scan; no. 75).

Demeter, S, Szweda, R, Patterson J, Grigoryan M. Altered [^{99m}Tc]Tc-MDP biodistribution from neutron activation sourced ⁹⁹Mo. *J Radioanal Nucl Chem* (2018). <https://doi.org/10.1007/s10967-018-5826-0>

Demeter S. Resolving Differences in International Tritium Drinking Water Reference Levels. *Canadian Radiation Protection Association Bulletin*: 2017; 3(1):9-13

Demeter S J (December 21, 2016) Helping Health Care Providers and Clinical Scientists Understand Apparently Irrational Policy Decisions. *Cureus* 8(12): e936.
doi:10.7759/cureus.936

Demeter S, Applegate KE, Perez M. Internet-based ICRP resource for healthcare providers on the risks and benefits of medical imaging that uses ionising radiation. *Ann ICRP*. 2016 Jun;45(1 Suppl):148-55

Demeter S. Evolution of Eye Lens Dosimetry Methodology and Dose Guidelines. *Canadian Radiation Protection Association Bulletin* 2016; 37(1): 21-3

Peterson DJ , Ahmed N, Rivest R , Bashir B, Ahmed S, Demeter S, Nugent Z, Brechin P, McCurdy B, Hunter W, Chowdhury A, Leylek A. A Prospective Study To Determine Inter-Observer Variability Of Gross Tumor Volume With [18F] Fludeoxyglucose - PET/CT Compared To CT Alone In Stage III Non-Small Cell Lung Cancer Using Three-Dimensional Analysis. *Cureus* 5(7): e130.doi:10.7759/cureus.130. ISSN:2168-8184. July 21, 2013
<http://www.cureus.com/papers/2298>

Elhami E, Samiee M, Demeter S, Leslie WD, Goertzen AL. On the significance of defective block detectors in clinical (18)F-FDG PET/CT imaging. *Mol Imaging Biol*, 2011;13(2):265-274

Nijjar S, Patterson J, Ducharme J, Leslie WD, Demeter SJ. The effect of furosemide dose timing on bladder activity in oncology imaging with 18F-fluorodeoxyglucose PET/CT. *Nucl Med Commun*, 2010 Feb;31(2):167-7

Ducharme J, Goertzen AL, Patterson J, Demeter S. Practical Aspects of ¹⁸F-FDG PET Imaging While Receiving ¹⁸F-FDG from a Distant *JNMT* 2009; 37(3), 2009 164-169

Demeter, S., Bornstein, S., Butler, J., Cramer, B., Hollett, P., & Jones, L. (2009). *The development of a PET/CT program in Newfoundland and Labrador*. St. John's, NL: Newfoundland and Labrador Centre for Applied Health Research, Memorial University [http://www.nlcahr.mun.ca/research/chrsp/PET-CT.php]

Leslie WD, Levin DP, Demeter SJ. Variation in heart rate influences the assessment of transient ischemic dilation in myocardial perfusion scintigraphy. *BMC Nuclear Medicine* 2007; 7(1): 1-9

Demeter S, Leslie WD, Lix L, MacWilliam L, Finlayson G, Reed M. The effect of socioeconomic status on bone density testing in a public health care system. *Osteoporos Int* 2006; 18(2): 153-8

Demeter S, Jacobs P, Chmielowiec C, Logus W, Hailey D, Fassbender K, McEwan AB. The Cost of Lung Cancer in Alberta. *Can Resp J* 2007; 14(2): 81-86

Jacobs P, Ohinmaa A, Golmohammadi K, Demeter S, Schopflocher D, Klarenbach S. Public Investment in Providing Information for Chronic Disease Prevention for Adults in Alberta. *Can J Public Health* 2006;97(3):197-200

Ohinmaa A, Schopfloch D, Jacobs P, Demeter S, Chuck A, Golmohammadi K, Klarenbach SW. A population-based analysis of health behaviors, chronic diseases and associated costs. *Chronic Dis Can*. 2006 winter; 27(1): 17-24

Demeter S, Reed M Lix L, MacWilliam L, Leslie WD. The Association Between Socio-Economic Status and the Utilization of Diagnostic Imaging in an Urban Canadian Setting. *CMAJ* 2005; 173(10): 1173-77

Demeter S, Leslie WD and Levin DP: Radioactive iodine therapy for malignant and benign thyroid disease: A Canadian National survey of physician practice. *Nuclear Medicine Communications* 2005; 26(7): 613-621

Demeter S. The Descriptive Epidemiology of Primary Lung Cancer in an Alberta Cohort with Multivariate Analysis of Survival to Two Years. Masters Thesis. University of Alberta. Primary Thesis Supervisor: Dr. Sandy McEwan. Spring 2004

Demeter S, Chmielowiec C, Logus W, Benkovska-Angelova P, Jacobs P, Hailey D, McEwan AB. The Descriptive Epidemiology of Primary Lung Cancer in an Alberta Cohort with a Multivariate Analysis of Survival to Two Years. *Can Resp J*. 2003;10(8): 435-41

Spaner S, Demeter S, Lien S, Shapiro J, McCarthy M, Raymond G. High Output Cardiac Failure as a Consequence of Multiple Vascular Malformations in the Liver: A Case Report. *Canadian Association of Radiologists Journal* 2001; 42(4): 228-31

Demeter S, Raymond G, Barrie J, Puttangunta. Residents' Corner - Case of the Month, The Imaging Features of Intravenous Pulmonary Talcosis. *Canadian Association of Radiologists Journal*. 1999; 50(5): 346

Demeter S, Fanning A, MacDonald F, Singh A. Contact tracing and follow-up of a case of laryngeal tuberculosis-Alberta. *Can Commun Dis Rep*. 1995 Jan 30;21(2):12-3.

Demeter S., An Evaluation of Sources of Information on Health and Travel, 1989. *Can J Public Health*; 90(1): 20-22

POSTER/ABSTRACT

The Economics of Radiation Protection in Medical Settings - Time for a New Paradigm. ICRP International Symposium, Adelaide, Australia, November 17 – 23, 2019

18F-FDG PET/CT Imaging of the abdomen and pelvis using oral CT contrast and diuretic Furosemide injection. SNM annual meeting, Salt Lake City, Utah, June 2010

Ducharme J, Goertzen AL, Demeter S, Patterson J. Practical Aspects of PET Oncology Imaging While Receiving ¹⁸F-FDG from a Distant Supplier. SNM annual meeting, Toronto, June 2009

Elhami E, Leslie WD, Demeter S, Goertzen AL. Defective block detectors and their effects on the SUV quantification in clinical PET imaging CSNM annual meeting, Winnipeg, May 2009

Goertzen, AL, Samiee M, Demeter S and Leslie, WD, "Examining the effects of defective detector blocks in 3D PET systems." Presented at the 2008 World Molecular Imaging Congress, Nice, France, 10-13 September 2008.

Nijjar S, Demeter S, The Effect of Furosemide and Dose Timing on Bladder SUV, Volume and Misregistration in 18F-FDG PET/CT. Poster presentation at the 2007 CSNM annual meeting, St. John's, Newfoundland

Leslie WD, Demeter S, Reed M1, Lix L, MacWilliam L, Finlayson G. The effect of socioeconomic status on bone density testing in a public health care system. University of Manitoba, Winnipeg, Canada, Manitoba Centre for Health Policy, Winnipeg, Canada - International Osteoporosis Foundation – World Congress meeting Poster, Toronto, June 2006

Demeter S, Leslie WD, Reed M, Lix L, MacWilliam L, Finlayson G. The Effect of Socioeconomic Status on Bone Density Testing in a Public Health Care System. International Osteoporosis Foundation – World Congress, Toronto Canada, June 2006 [Abstract]

Demeter S, Jacobs P, Chmielowiec C, Logus W, Hailey D, McEwan AB. The cost of lung cancer in Alberta. Poster presentation at the Canadian Association of Population Therapeutics conference. Winnipeg MB, June 2004

Demeter SJ, Morin CA, McEwan AJ. Neuroendocrine Tumor Imaging with 123I mIBG versus 111In Octreotide. [abstract] *JNM* 2000; S5 (41): 301P

Demeter SJ, C. A. Morin, A. J. McEwan. Neuroendocrine Tumor Imaging with 123I mIBG versus 111In Octreotide. Poster presented at the Society of Nuclear Medicine conference in St. Louis, MA, June 2000

Demeter SJ, McCarthy M, O'Kelly KF, Murland K, Hoskinson ME. Novel Methods for Labeling Polyvinyl Alcohol Particles with Prepared 99mTc Sulfur Colloid. [abstract] *JNM* 2000; S5 (41): 248P

Demeter SJ, M. McCarthy, K. F. O'Kelly, K. Murland, M. E. Hoskinson. Novel Methods for Labeling Polyvinyl Alcohol Particles with Prepared 99mTc Sulfur Colloid. Poster presented at the Society of Nuclear Medicine conference in St. Louis, MA, June, 2000

Demeter S, Raymond G, Barrie J, Puttangunta. The Imaging Features of Intravenous Pulmonary Talcosis. Poster Presented at the Canadian Association of Radiologists Meeting in Quebec City, June 1999

Poster Presentation - Outcome of Contact Follow-up of Laryngeal Tuberculosis in a Health Care Worker. Demeter et. al. at the 1995 International Conference of the American Thoracic Society - Seattle, Washington, May 20 - 24

Demeter S. et al. Outcome of Contact Follow-up of Laryngeal Tuberculosis in a Health Care Worker [Abstract]. *American Journal of Respiratory and Critical Care Medicine*. 1995; 151(4):A145

Demeter S., Fanning A., MacDonald F., Singh A. Contact Tracing and Follow-up of a Case of Laryngeal Tuberculosis - Alberta. *Canada Communicable Diseases Reports (CCDR)* 1995; 20(2), 1995

OTHER

NIH – Office of Human Research Protecting on-line training certificate for “Protecting Human Research Participants. June 2014

Good Clinical Practice Training (online) through the NCIC Clinical Trials Group, June 2014

Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans
Course on Research Ethics (TCPS 2: CORE) – completed course February 2013

Mujoomdar M, Russell E, Dionne F, Moulton K, Murray C, McGill S, Lambe K.
Optimizing health system use of medical isotopes and other imaging modalities [Internet].
Ottawa: Canadian Agency for Drugs and Technologies in Health; 2012 (Optimal Use Report,
volume 2, issue 1A). [participant on general committee and select working groups]

Triska OH, Hailey D, Demeter S. Computed Tomography and Magnetic Resonance Imaging
Utilization – Alberta Canada 2006. A report prepared for the Institute of Health Economics.
Edmonton, Alberta. March 2007

Demeter S, Reed M, Lix L, MacWilliam L. Is there an association between socioeconomic
factors and the per capita utilization of selected medical imaging modalities? Appendix D2;
pp 83-93, in Finlayson G, Leslie W, MacWilliam L. Diagnostic imaging data in Manitoba:
Assessment and applications. Manitoba Centre for Health Policy, June 2004

Demeter S. The descriptive epidemiology of primary lung cancer in an Alberta cohort with a
multivariate analysis of survival to two years. [MSc dissertation]. University of Alberta 2004
Jacobs P, Klarenbach S, Ohinmaa A, Golmohammadi K, Demeter S, Schopflocher D.
Chronic Diseases in Alberta: Cost of Treatment and Investment in Prevention
2004. A report prepared for Health Canada and Alberta Health and Wellness

Demeter S, Hailey D. Non-Penetrating Glaucoma Surgery Using AquaFlow™ Collagen
Implants. *Issues in Emerging Health Technologies* 2001 Aug; 22: The Canadian
Coordinating Office for Health Technology Assessment (CCOHTA)

The Institute of Health Economics (Edmonton AB). A national list of provincial costs for
health care: Canada 1997/8. Jacobs P (project director). 2000 (Acknowledged contributor)

Demeter S. (anonymous) - Vaccination Requirements for Functionally and Anatomically
Asplenic Individuals. *Communicable Disease Corner* - Capital Health/Regional Public
Health. #7, August 1997

Demeter S. Sexual Transmission of Hepatitis C, a paper included as background material at
the National Meeting on Prevention & Control of Hepatitis C, in Ottawa, December 6 - 8,
1994

Demeter S., Factors to Consider in the Evaluation of Hepatitis C Look back Programs, a
paper included as background material at the National Meeting on Prevention & Control of
Hepatitis C, in Ottawa, December 6 - 8, 1994

Demeter S., in collaboration with Gully P., Spika J., A Review of Selected Diseases
Associated with the Transfusion of Blood Products, a background paper prepared for the
Laboratory Center for Disease Control (LCDC), November, 1994

PRESENTATIONS (truncated)

Public Health Ethics Applied to Pandemics, Bold Ideas, Community Health Sciences, U of M, Winnipeg, MB, October 23, 2020

Public Health Ethics Applied to Pandemics, BUG DAY 2020, Winnipeg, MB, October 20, 2020

Lens of Eye Radiobiology and Dosimetry, U of W Colloquium Series, Winnipeg, MB, October 2, 2020

ICRP 2020 Highlights. Nuclear Medicine Rounds. Winnipeg, MB, January 20, 2020

Are clinical nuclear medicine settings compliant with proposed new ICRP lens of eye dose limits? ICRP International Symposium, Adelaide, Australia, November 17 – 23, 2019

Health Technology Assessment (HTA) 101 – U of M Community Health Sciences Colloquium Series, Winnipeg MB, November 1, 2019

Health Economics and Health Technology Assessment. Invited Speaker at U of M for Health Economics graduate class, Winnipeg MB, March 14, 2019

Health Physics - Neither Fish nor Fowl. Invited Speaker at U of W. for Radiation and the Environment PHYS 2502, Winnipeg, MB, March 11, 2019

The Canadian Nuclear Regulatory System with Comparisons to the American System. Invited Speaker - on-line video linked Lecture for the Chicago Illinois Institute of Technology Health Physics Program, December 18, 2018

Highlights from 2018 ICRP C3 (Protection in Medicine) committee meeting held in Beijing, China, Winnipeg, MB, December 17, 2018

Health Physics - Neither Fish nor Fowl. Invited Speaker at U of W Colloquium Series, Winnipeg, MB, September 28, 2018

Optimal Imaging for Pulmonary Embolism (CADTH-HTERP project), Nuclear Medicine Rounds, Winnipeg, MB, March 12, 2018

Radiation and the Environment. Lecture to Graduates Students, CHSC 7460 - Environmental and Occupational Health, University of MB, Community Health Sciences, Winnipeg, MB, February 28, 2018

CT Lung Cancer Screening – Do the Benefits Outweigh the Risks? Oncology/Hematology Rounds, Cancer Care Manitoba, Winnipeg, MB, February 13, 2018

Imaging Asymptomatic People: are we doing more harm than good. Seminar speaker at the International Conference on Preventing Overdiagnosis. Quebec City, August 19, 2017

Risk Models & Controversies Related to Low Dose Radiation. Guest Speaker. Medical Physics Summer Student Symposium, Winnipeg, August 10, 2017

CT Lung Cancer Screening - Do the benefits outweigh the risks? Radiology Grand Rounds, Winnipeg, U of M. March 23, 2017

Risks Associated with Low Dose Ionising Radiation. Canadian Organization of Medical Physicists (COMP) Diagnostic Imaging Winter School. Montebello, QC. February 2 – 5, 2017

Recommendations of ICRP on Education and Training in RP and Available Educational Material. Cleveland Clinic Abu Dhabi, Workshop on The System of Radiological Protection in Medicine – Abu Dhabi UAE, November 9, 2016

Public Health Aspects of Independent Health Assessment at the second WHO Sponsored Workshop on Independent Health Assessment – Seoul, Korea September 26-28, 2016

What do clinicians need from basic and applied researchers? Workshop on Small Animal MR and Hybrid PET/MR, University of Manitoba, Winnipeg M, [S Demeter also on planning committee], June 20, 2016

Clinical Trial Debriefing - A Cross-over Comparison of the Diagnostic Accuracy of Technetium (^{99m}Tc) Medronate Injection Prepared with ^{99m}Tc Derived from Neutron-activation Produced ^{99}Mo versus the Current Reference Standard of ^{99m}Tc Derived from Fission-produced ^{99}Mo , [S. Demeter PI], Winnipeg, MB, June 6, 2016

Highlights from 3rd International Symposium on the System of Radiological Protection – ICRP. Seoul, Korea, Nuclear Medicine Rounds, Winnipeg, MB, February 1, 2016

A Web-based ICRP Resource to Inform Healthcare Providers on the Risks and Benefits of Ionizing Radiation in Medicine. 3rd International Symposium on the System of Radiological Protection – ICRP. Seoul, Korea, October 20 – 22, 2015

ICRP Committee 3 Protection in Medicine. Canadian Radiation Protection Association Annual Meeting. Winnipeg MB - May, 2015

Radiological Protection - Global to Local Perspectives, Radiology Grand Rounds, U of M February 26, 2015

Public Health Aspects of Independent Health Assessment at the first WHO Sponsored Workshop on Independent Health Assessment – Munich, Germany October, 2014

Keynote: 29th Annual Honorary Alumni Lecturer: The Radium Girls, A Historic Turning Point for Both Radiation Science and Labour Rights at the 29th Annual Highlights in Medicine Conference, College of Medicine, University of Saskatchewan, June 25 – 28, 2014

The Radium Girls, A Historic Turning Point for Both Radiation Science and Labour Rights. Canadian Radiation Protection Association Annual Meeting, Vancouver, BC – May 25-30, 2014

Radium 223 Therapy Trial – Nuclear Medicine Round, May 12, 2014

Community Health Sciences Colloquium series "The Radium Girls A story of Science and Social Justice" March 28, 2014

The ICRP system of Radiological Protection – Nuclear Medicine Rounds, January 17, 2014

Highlights from the 2013 SNM meeting held in Vancouver – co-presented September 23, 2014

OTHER COMMITTEES, ASSOCIATIONS AND APPOINTMENTS (truncated to last 5 years)

U of M Nuclear Medicine Residency Training Committee member 2002 to present

Canadian Partnership Against Cancer, PET utilization study – committee member – 2012 to 2015

Department of Radiology - Nuclear Medicine Residency Training Committee – 2002 to present

MB Health Designated expert on Medical Isotopes - 2009 *to present*

Thoracic Cancer Disease Site Group – CCMB 2002 to present

MB Provincial Imaging Advisory Committee (PIAC) member and PIAC Nuclear Medicine Subcommittee Chair, May 2002 to 2017

CONFERENCES / WORKSHOPS (truncated to last 5 years)

ICRP International Symposium, Adelaide, Australia, November 17 – 23, 2019

Canadian Agency on Drugs and Technologies in Health. Supporting Health System Transformation, Edmonton April 14 – 16, 2019

ICRP C3 (protection in medicine) committee meeting Beijing, China, November 6-13, 2018

Council of Canadian Administrative Tribunals – Interactive Course on Adjudication – Ottawa, Canada, December 4-8, 2017

Cleveland Clinic Abu Dhabi Workshop on The System of Radiological Protection in Medicine – Abu Dhabi UAE, November 9, 2016

WHO Sponsored Workshop (Second) on Independent Health Assessment – Seoul, Korea September 26-28, 2016

Diagnostic Services Manitoba Digital Pathology Symposium. Winnipeg, MB. Sept 16-17, 2016

US National Academy of Sciences, Engineering and Medicine. Alternate sources of medical isotopes presentations. Ottawa, ON, December 15, 2015

Presentation - producing Tc-99m for medical use.

*Chris Saunders, Prairie Isotope Production Enterprise; Dr. Sandor Demeter
Section Head of Nuclear Medicine at the Health Sciences Centre, Winnipeg MB
Co-Director of the Winnipeg Great West Life Positron Emission Tomography program, Associate
Professor with the Department of Radiology (primary) and Community Health Sciences*

CNSC Licence Outreach Program - Directorate of Nuclear Substance Regulation of the Canadian Nuclear Safety Commission (CNSC) Presentations of interest to Nuclear Substances and Radiation Devices Licensees. Winnipeg, MB, January 19, 2016

3rd International Symposium on the System of Radiological Protection – ICRP. Seoul, Korea, October 20 – 22, 2015

Health Canada Radiopharmaceutical Regulatory Workshop – Ottawa, ON March 12-13, 2015

WHO Sponsored Workshop on Independent Health Assessment – Munich, Germany October 2014

ICRP Committee 3 Meetings– Paris, France September 2014

Canadian Radiation Protection Association – Vancouver, BC – May 25-30, 2014

Social and Community

Nakamura Judo Club – member February 2016 to present – Brown Belt

National Coaching Certification Program (NCCP) Dojo Assistant Training Sept/19

Takiotoshi Jujitsu/Aikido – member March 2016 to present – Yellow/Orange belts

Relativity Theatre – founder with first production in the 2011 Fringe Festival

Shoestring Theatre – Community Theatre Productions 2008 to present

Prairie Theatre Exchange – theatre training 2006 – 2010

Assistant Cubs (Scouts) leader, Winnipeg MB, 2003- 2006

Assistant Beaver (Scouts) leader, Winnipeg MB, 2002-2003

Parent Council, River West Park School, Winnipeg MB, Treasurer 2004 to 2006