

### OVERVIEW

Murray Lee, MD, MPH, is a practicing physician who specializes in rural and remote medicine and has worked extensively with Aboriginal populations in the Canadian North, as well as with indigenous populations in New Mexico, California and Alaska. He is currently the regular visiting GP for Repulse Bay, Nunavut.

Dr. Lee is also a Clinical Assistant Professor in the Department of Community Health Sciences at the University of Calgary; a Master Teacher in Calgary's Medical School; and a Research Affiliate with the Population Health Intervention Research Centre. In addition to his medical qualifications, Dr. Lee holds a Master's Degree in Public Health from the University of California, Berkeley, with a special emphasis on the impact of the built environment on community health and human health behaviours. He has been extensively involved in the creation, delivery and evaluation of undergraduate medical school curriculum at the University of Calgary and has mentored many students interested in pursuing electives or careers in northern, aboriginal and other resource constrained settings.

As part of his work with Habitat, Dr. Lee has been the principal investigator for human health studies examining the toxicological impacts on population health of various resource extraction projects. For other Habitat projects, Dr. Lee has been instrumental in directing the approach to health research. He brings to the project an on-the-ground understanding of health issues that are relevant for First Nations and Northern populations and he understands the realities of health care delivery in small and isolated communities.

### EDUCATION

2010	PhD candidate, Epidemiology, University of California, Berkeley (USA)
2006	MPH, Public Health, University of California, Berkeley (USA)
1996	Family Medicine Residency, Queen's University (Canada)
1994	MD, Medicine, University of Calgary (Canada)
1990	BSc., Physiology, McGill University (Canada)

### CURRENT AFFILIATIONS

Clinical Assistant Professor, Department of Community Health Sciences, University of Calgary  
Master Teacher, Faculty of Medicine, University of Calgary  
Research Affiliate, Population Health Intervention Research Centre, University of Calgary  
Senior Partner, Habitat Health Impact Consulting Corp.  
Vice Chair, Society of Practitioners of Health Impact Assessment

## **PROFESSIONAL QUALIFICATIONS**

College of Family Physicians of Canada, Certificant  
Medical College of Canada, Licentiate  
Canadian Medical Protective Association, Member  
International Association of Impact Assessment, Member

## **CLINICAL MEDICINE PRACTICE**

Long-standing practice in rural and remote family and emergency medicine in Canada and the US, as well as inner-city medicine and drug-treatment in Calgary.

Government of Nunavut, Regular Visiting GP, Repulse Bay – 2009-present  
JA Hildes Northern Medical Unit, University of Manitoba  
(Clinical practice throughout the Kivalliq region) – 2001-2009  
Alberta Rural Locum Program, Alberta Medical Association – 2001-2006  
First Street Medical Clinic, Calgary, Alberta – 2004-2006  
Locum Tenens Physician, Southern Alberta – 1996-2006  
Northern Navajo Medical Center, Shiprock, New Mexico – 2000  
K'ima:w Medical Center, Hoopa, California – 2000  
Physician Coordinator, RAADIS Program, Calgary, Alberta – 2000  
Primary Care Network, University of California, Davis –1998-1999

## **CLINICAL MEDICINE TEACHING**

Master Teacher, Faculty of Medicine, University of Calgary, 2007-present  
Co-Chair, Population Health Course, University of Calgary, 2012-present  
Co-Chair, Communications Course, University of Calgary, 2008-present  
Unit Chair, Healthy Populations Course, University of Calgary, 2008-present  
Curriculum Development Leader, Interprofessional Education, University of Calgary  
Clinical Preceptor, Multiple Sites, 1998-present  
Volunteer Clinical Faculty, University of California, Davis, 1998-1999

## **PROJECT EXPERIENCE**

- Health Impact Assessment (HIA) of Mining Activities near Keno City, Yukon. Client: Yukon Department of Health and Social Services, Whitehorse, Yukon. 2012.
- Final Summary Reports for Nunavut's Healthy Foods North Pilot Projects: Key Findings and Lessons Learned. Client: Government of Nunavut Department of Health and Social Services. 2010-2011.
- Public Health sections for the EIS of the National Petroleum Reserve-Alaska. Client: Department of Health and Social Services, North Slope Borough, Alaska. 2010-2011.
- Public Health sections for the Effects of Oil and Gas Activities in the Arctic Ocean Draft Environmental Impact Statement. Client: Department of Health and Social Services, North Slope Borough, Alaska. 2010-2011.
- Evaluation of Environmental Contaminant Exposure in Children in Flin Flon, Man. and Creighton, Sask. Client: Hudson Bay Mining and Smelting Company. April 2009 - ongoing

- Health Impact Assessment for Public Policy Project (HIAPP). Client: Government of Alberta – Alberta Health and Wellness. September 2009 – March 2010
- Toward an Indigenous Model of Health. Client: Bigstone Health Commission and Shell Canada. January – April 2009.
- Wild Steer Butte Wind Farm Integrated Assessment. Client: Shell Energy Canada. October 2009 - Current
- Development of a Training Course in Health Impact Assessment for Healthy Public Policy. Client: National Collaborating Centre for Healthy Public Policy (Quebec). February-August 2009
- North Field Test Integrated Assessment *and* Grosmont Venture Commercial Project Health and Social Baseline Data Collection. Client: Royal Dutch Shell (Alberta). January 2007-January 2009
- Assessment of Medical Post-Graduate Equivalencies, India, Pakistan, Egypt, South Africa and Nigeria. Client: College of Physicians & Surgeons of Alberta / Alberta Immigration & Labour Attraction. January – July 2009.

## PUBLICATIONS AND PRESENTATIONS

Orenstein, M., Angel, A., Lee, M. (2013). *Determinants of Health and Industrial Development in the Regional Municipality of Wood Buffalo*. Fort McMurray, AB: Cumulative Environmental Management Association (CEMA) and Habitat Health Impact Consulting Corp.

Habitat Health Impact Consulting Corp. *Health Impact Assessment (HIA) of Mining Activities near Keno City, Yukon*. August 2012.

Fraser K, Ma I, Teteris E, Lee M, Wright B, McLaughlin K. Learning during simulation training is prone to retroactive interference. *Medical Education*, 2012, 46(3), 299-305.

Devetten G, Buntain B, Lee M. *Exploring the cultural connection between walrus, trichinellosis and the Inuit People of Repulse Bay, Nunavut*. 2011 Global Health Conference, Montreal PQ

Donnon T, Lee M, Cairncross S. Using item analysis to assess objectively the quality of the Calgary-Cambridge OSCE checklist. *Canadian Medical Education Journal*, 2011, 2 (1).

Auger J, Tamburrini A, Orenstein M, Lee M. Towards an Indigenous View of Health: *A Report to the Bigstone Health Commission and Shell Canada*. March, 2009.

*Health Impact Assessment training course* for the National Collaborating Centres Summer Institute. Mont St. Anne, Quebec., July 6, 2009.

Lee, M.L., Orenstein, M.R., Richardson, M.J. Systematic Review of Active Commuting to School and Children's Physical Activity and Weight. *Journal of Physical Activity and Health*, 2008, 5, 930-949.

McLaren, L., Kirkpatrick, S., McIntyre, L., Lee, M., Rock, M. (2008). Speak up to fix unhealthy imbalance. *The Calgary Sun*, October 30, 2008.

Lee, M.L., Orenstein, M.R. *Health Impacts of Economic Cycling: Implications for HIA in Resource-Based Economies*. International Association of Impact Assessment (IAIA) 27th Annual Conference. June 3 - 9, 2007, Seoul, Korea.

*Health Impact Assessment Training Workshop* for the Ministry of Public Health of Brazil, organized by the World Health Organization, Brasilia, June 17-19 2008.

*Health Impact Assessment*, invited speaker, Conference Board of Canada Roundtable on the Socioeconomic Determinants of Health, Vancouver, February 2008.

*Health and the Human Environment*, invited lecture, Interdisciplinary MPH Seminar, University of California, Berkeley, March 2008.

*Health Impact Assessment*, Health and Society Seminar Series, Population Health Interventions Research Centre, University of Calgary, January 2008.

*Health Impact Assessment Workshop*, University of California, Berkeley, Public Health Interventions seminar. February 2007.

*The Built Environment and Health*, invited lecture, University of California, Berkeley, Interdisciplinary MPH seminar. January 2007.

Lee MC, Orenstein MR, Richardson MJ, Ragland DR. *Health Impacts of the School Commute*. Transportation Research Board Annual Meeting, January 2008.

Lee MC, Orenstein MR, Richardson MJ. *Systematic Review of Walking to School and Children's Physical Activity and Weight*. Journal of Physical Activity and Health 2008, 5, 930-949.