Canadian Association for Research on Work and Health
2005 Bi-Annual Symposium, May 15-17, 2005. Vancouver BC

Scientific and Social Program (Preliminary)

Sunday, May 15th

4:00-7:00, Registration
Lobby of Liu Centre for the Study of Global Issues, 6476 NW Marine Drive

5:00-7:00, Opening Cocktail Reception
Liu Centre for Global Issues (same location as Sunday registration)

Monday, May 16th

8:00-5:00, Registration
Lobby of Curtis Building (Law), 1822 East Mall

8:00-8:30, Poster Setup
Lobby, Curtis Building (same location as Monday registration)

8:30-10:00, Opening Plenary Session*
Co-Chairs: Paul Demers, UBC; Susan Kennedy, UBC
Room xxx, Curtis Building, 1822 East Mall

Welcome. Susan Kennedy, Paul Demers, Mieke Koehoorn
Sex, Gender, and Women’s Occupational Health: The Importance of Considering Mechanism. Karen Messing
Occupational Disease Research Using Administrative Data: New Opportunities. Hugh Davies

10:00-10:30, Coffee break – Lobby
10:30-12:30, Parallel Sessions

**Work-Related Injury***
Co-Chairs: Harry Shannon, McMaster; Jeremy Beach, U. Alberta
Room xxx, Curtis Building

- WCB claims for work-related shoulder pain in Alberta. Jeremy Beach, Leyla Bagirzadeh, A. Senthilselvan, Nicola Cherry
- Impact de décisions de gestion sur les accidents de travail. Monique Lortie
- Newfoundland Fishers’ Perceptions of Risk. Nicole G. Power, Marian Binkley, Sandra Brennan, Barbara Neis
- The eye of the beholder: Individual differences in information acquired through accident investigation. Kathryn Woodcock
- Attribution of causes for workplace injuries. Harry Shannon, Chris Smith, Sybil Geldart, Lynne Lohfeld
- Relationships between neck pain and work: What can we learn from gender-based analyses of the 1998 Quebec Social and Health Survey? Susan Stock, France Tissot, Karen Messing

**Occupational Cancer**
Co-Chairs: Marie-Elise Parent, INRS-IAF; Kristan Aronson, Queens
Room xxx, Curtis Building

- Semi-Bayes Modeling in a Study of Lung Cancer and Multiple Occupational Chemicals: Comparison of Results for Five Suspected Lung Carcinogens. Franco Momoli, J. Siemiatycki, M.-E. Parent, M. Abrahamowicz
- Chlorophenol Exposure and Cancer in a Sawmill Cohort. Melissa Friesen, Paul A. Demers, Hugh W. Davies, Clyde Hertzman, Steve Marion, Aleck Ostry, Kay Teschke
- Occupational exposure to lead and risk of cancer in a population-based case-control study from Montreal. Marie-Claude Rousseau, Marie-Elise Parent, Jack Siemiatycki
- Occupational Exposure to Pesticides and Herbicides and Risk of Cancer in Canada. Jinfu Hu, Yang Mao
- Occupational Risk Factors for Brain Cancer in Canada. Yang Mao, Sai Yi Pan, Anne-Marie Ugnat

**Mini-Symposium: Systematic Reviews in Occupational Health**
Chair: Sandra Sinclair, Institute for Work and Health, Toronto
Room xxx, Curtis Building

- Introduction. Sandra Sinclair
- How to Conduct a Systematic Review. Emma Irvin, Kim Cullen
Workplace-based Return-to-work Interventions: A Systematic Review of the Quantitative and Qualitative Literature. Renee-Louise Franche, Kim Cullen, Judy Clarke, Ellen MacEachen, John Frank, Sandra Sinclair


Workplace-based Participatory Ergonomic Interventions: A Systematic Review of the Quantitative Literature on Effectiveness. Kimberley Cullen, Dwayne Van Eerd, Donald Cole, Irina Rivilis, Desre Kramer, Jonathan Tyson, Quenby Mahood

Engaging Audiences for Knowledge Transfer and Exchange from Systematic Reviews. Rhoda Reardon, Kimberly Cullen, Renee-Louise Franche, Emile Tompa, Jane Gibson

12:30-1:30, Lunch (box lunch supplied - Lobby)
and CARWH Annual General Meeting
Room xxx, Curtis Building

1:30-2:30, Attended Poster Session Viewing (posters available all day)
Lobby, Curtis Building

Topics: Occupational Disease, Exposure Assessment, Cancer, Health Care Workers

Evaluation of exposure to Cryptococcus neoformans var. gattii among Arborists and Landscapers. Adrian Hingston, Karen Bartlett, Hugh Davies, Helen Ward

Présentation de la banque de données d’exposition professionnelle française COLCHIC et synthèse des concentrations de formaldéhyde disponibles dans cette banque. Jérôme Lavoué, Raymond Vincent, Michel Gérin

Determinants of Airborne Fungal Concentration within Wood-Framed Buildings in a Temperate Climate. Victoria Arrandale, Karen Bartlett, David Bell

Data Sources for Retrospective Exposure Assessment in Occupational Disease. Lou Riklik, Derrick Chung

Total vs. Inhalable Particulate Size-selective Monitoring for Endotoxin Exposure in Grain Elevators. Karen Bartlett, Ron Do, Yat Chow, Susan Kennedy, Moira Chan-Yeung, Helen Ward

A Comparative Analysis between Total versus Inhalable Sampling for Grain Dust in Terminal Elevators. Yat Chow, Karen Bartlett, Susan Kennedy, Moira Chan-Yeung, Helen Dimich-Ward

A Retrospective Cohort Study of Cancer Incidence among Registered Nurses in British Columbia. Danhong Shu, Helen Dimich-Ward, Yat Chow, Nhu Le, Kay Teschke, Pamela A. Ratner, Richard Gallagher, John J. Spinelli

Asbestos and Pleural Cancer in Canada. Minh T. Do, Ruhee Chaudhry, Paul Demers, Patricia Holmes, Loraine Marrett
Test Re-test Reliability Studies of the New Hands-free Technique (HFT) and Safety Climate Questionnaire in BC and Ontario OR Nurses. Bernadette Stringer, Elizabeth Bryce, Ted Haines, Monica Taljaard, Ken Harris

Job safety, satisfaction and intention to leave among care providers. Neil Bellack, Aleck Ostry, Mieke Koehoorn, Marcy Cohen

Protecting the Faces of Health Care Workers. Annalee Yassi, D Moore, L Svirchev, E Bryce, R Copes, B Janssen, K Bartlett, M Fitzgerald, B Gamage, S Saunders, R Thiessen

Results of a baseline survey on blood in body fluid (BBF) exposures among healthcare workers at a regional health authority in British Columbia. Dharm Hayre, Rita Ciconte, Phil Mah, Philip Bigelow, Janine Jagger, Shicheng Yu, Annalee Yassi

Health-related Quality of Life in Grain Workers with Respiratory Symptoms and/or Chronic Obstructive Pulmonary Diseases (COPD). Punam Pahwa, Sunita Ghosh, Helen H. McDuffie, Sandra Halliday

Predictors of positive tuberculin skin tests after two step testing in Health Care Workers. Allen Kraut, Michael Coodin, Rose Plessis, Daria McLean

The study of chromosomal damage due to occupational exposure and extra irradiation in nuclear medicine technicians by means of Premature Chromosome Condensation (PCC). Morteza Bashash, Abed Ali Zia’ee, Parvin Zarsav, Jebrael Nasl Seraji

Elaboration d’un questionnaire professionnel pour le suivi longitudinal de sujets asthmatiques. Nicole Le Moual, Francine Kauffmann, Dominique Choudat, Susan Kennedy

Contact Dermatitis - Prevention, Health Care Utilization and Outcomes. D Linn Holness

Using Workers' Knowledge when Investigating Work-related Illness. Niki Carlan, Roland Wong, Nancy Hutchison, George Botic

Evaluation of pH in Exhaled Breath Condensate in Association with Grain Dust and Endotoxin. Ron Do, Karen Bartlett, Helen Ward, Yat Chow, Barbara Karlen, Susan Kennedy

Twelve Steps from Science to Policy. Bernard Choi

2:30-3:00, Coffee Break - Lobby

3:00-5:00, Parallel sessions

Work Organisation and Health*
Co-Chairs: Mieke Koehoorn, UBC; Susan Stock, INSPQ, Montreal
Room xxx, Curtis Building

Health and Safety and Lean Production. Niki Carlan, Dale Spencer

L'importance de l'organisation du travail sur la performance SST dans le secteur des services. Elise Ledoux, Esther Cloutier, Madeleine Bourdouxhe, Hélène David, Isabelle Gagnon, François Ouellet, Catherine Teiger


When Flexibility Hurts: The Experiences of Nurses with Work-Related Musculoskeletal Injuries. M. Bianca Seaton

The Health Consequences of Precarious Employment Experiences. Emile Tompa, Heather Scott, Roman Dolinschi

**Health of Health Care Workers**

**Chair:** Annalee Yassi, OHSAH and UBC

Room xxx, Curtis Building

A Retrospective Cohort Study of Mortality among Registered Nurses in British Columbia. Helen Dimich-Ward, John Spinelli, Nhu Le, Kay Teschke, Pamela Ratner, Danhong Shu, Richard Gallagher

The Relationship between Staffing and Injury Rates in British Columbia Long-term Care. Marcy Cohen, Annalee Yassi, Yuri Cvitkovich


"You think it's turning but it is the multiple small stuff": Nursing Activities, Awkward Postures and Back and Shoulder Injury Amongst Nurses. Servane Mason, Ellen Balka

Participation and Utilization Pattern of a Prevention and Return to Work Pilot Program at Vancouver General Hospital (VGH). Veronic Ouellette, Maziar Badii, Annalee Yassi

Why Surgeons and Nurses use and do not use the Hands-free Technique (HFT), a Practice Recommended for Passing Sharp Items Safely in Surgery. Bernadette Stringer, Ted Haines

**Mini-symposium: Agricultural Health (until 5:30)**

**Chair:** Nicola Cherry, U. Alberta

Room xxx, Curtis Building

Pesticide Use and the Health of Farmers. Nicola Cherry, A. Sentilselvan, Jeremy Beach, Igor Burstyn


Changes in Workers' Respiratory Health and Indoor Air Quality with Flocks' Age in Broiler and Layer Poultry Operations in Alberta. A. Senthilselvan, John Feddes, Nicola Cherry, Jerry Beach, Alison Bentham, Chris Ouellette, Irene Wenger, Phil Willson, Victor Juorio

Cigarette Smoking, Tumour Necrosis Factor Alpha Polymorphism and Pulmonary Function in Male Grainhandlers. Helen H. McDuffie, K Nakagawa, P Pahwa, M Hashimoto, J Shindo, M Nakagawa, K Yurube, S Halliday, S Ghosh, N Nakada

The Canadian Agricultural Injury Surveillance Program (CAISP): Development, Utility and Limitations. Don Voaklander, Helen Dimich-Ward, Rob Brison, Will Pickett, Karen Kelly, Peter Saar, Kathy Belton

The New Canadian Agricultural Safety and Health Strategy: Moving Forward. Judy Guernsey

6:30-9:30, Salmon BBQ Dinner - Sage Bistro, 6331 Crescent Road

Tuesday, May 17th

8:00-8:30, Poster Setup
Lobby, Curtis Building (same location as Monday registration)

8:30-10:30, Parallel sessions

Work-related Stress*
Co-Chairs: Joan Eakin, U. Toronto; Karen Messing, UQAM
Room xxx, Curtis Building

Dignity, Stress and Health. Ann Sylvia Brooker

Are Self-Reported MSDs Affected by the Flexibility, Job Insecurity and Stress? The Case of Home Care Workers. Isik Zeytinoglu, Margaret Denton, Sharon Davies, Bianca Seaton

Do Occupation and Work Organization Conditions Really Cause Distress? Alain Marchand

Occupational Stress and Smoking Behaviour in a Population-based Sample of Working Victorians (Australia). Anthony LaMontagne, Samia Radi, Aleck Ostry

Work-stress and Work Life Imbalance in Relation to Underweight and Overweight among Australian Workers. Aleck Ostry, Samia Radi, Anthony La Montagna

Occupational Exposure Assessment
Co-Chairs: Linn Holness, U. Toronto; Kay Teschke, UBC
Room xxx, Curtis Building

Manganese Exposure History of Workers in a Quebec Alloy Plant. Mary E. Baldwin, Donna Mergler, Fabrice Larribe
Is There a Correlation between Variability and Level of Exposure that Biases Risk Estimates in Occupational Epidemiology?  Igor Burstyn, Hyang Mi Kim, Hans Kromhout, Nicola Cherry, Yutaka Yasui


Using proxy respondents when assessing occupational circumstances in a case-control study of cancer: for better or for worse?  Marie-Elise Parent, Marie-Claude Rousseau, Jack Siemiatycki, Marie Désy


Ergonomics
Co-Chairs: David Rempel, UC Berkeley; Sylvie Montreuil, U. Laval
Room xxx, Curtis Building

Cutaneous Blood Perfusion of the Fingertip at Varied Local Finger Contact Pressures with Warm and Cold Hand Temperatures.  Ollie Jay, Matthew D. White

Study of the Effectiveness of a Participatory Ergonomics Intervention in Reducing Worker Pain Severity Through Psychosocial Exposure Pathways.  Andrew Laing, Mardy Frazer, Nancy Theberge, Donald Cole, Richard Wells, Micky Kerr

Cumulative Trauma Disorders among Crab-Processing Workers.  Shirley Solberg, Nicole Vezina, John Molgaard

Development and Testing of an Observation Tool for Occupational Ergonomic Exposure Assessment in Heavy Industry.  Catherine Trask, Gi Ngoc (Nancy) Luong, Mieke Koehoorn

Similarity of Cold Perception but Some Improved Performance by Females versus Males During Manual Performance and Strength Tests with a Cooled Upper Limb.  Matthew D. White, Michael E.S. Powell, Ollie Jay

An Investigation into the Relationship between EMG and Cumulative Loading in the Automotive Industry.  Kirsten Willms, Mardon Frazer

10:30-11:00, Coffee break – Lobby

11:00-12:00, Attended Poster session viewing – Lobby, Curtis Building

Topics: Ergonomics, Injury, Work Organisation, Mental Health, Occupational Health Programs

The 12-month prevalence of mental disorders and of mental health service utilization in the Canadian working population.  JianLi Wang

Promoting Readiness for Change in Health Care Managers.  Rakel Kling, Catherine Kidd, Larry Myette, Laura Paul, Elizabeth Smailes, Jan Mitchell
Profiling the Mental Health and Service Utilization of Workers Compensation Claimants. William Gnam, Cameron Mustard, Curtis Breslin, Mieke Koehoorn

The Prognostic Value of Depressive Symptoms, Fear-Avoidance, and Self-Efficacy for Duration of Lost-time Benefits for Workers with Work Related Musculoskeletal Disorders. Renee-Louise Franche, Freek Lotters, Sheilah Hogg-Johnson, Alex Burdorf, Jason Pole

Pain and Depression in Injured Workers? A Longitudinal Study. Marc Corbière, Michael JL Sullivan, William D Stanish, Heather Adams

Guide d’ergonomie appliquée à l’aménagement et à la conception de comptoirs de service dans les bibliothèques publiques. Sylvie Montreuil, Élise Ledoux, Patrick Vincent, Micheline Marier, Marie Bellemare, Louis Trudel

Contesting Health and Safety on the Terrain of Participatory Ergonomics: A Case Study from the Manufacturing Sector. Nancy Theberge, Donald Cole, Kara Granzow, Andrew Laing

What are the key modifiable personal and environmental factors that prevent disability in people with back pain? A consensus using Delphi and Q-card methodologies. Jaime Guzman, JW Frank, J. Hayden, JD Cassidy, P. Loisel, A. Furlan, JF Flannery

Reducing Back Forces by a Personal Lifting Assist Device. Mohammad Abdoli-Eramaki, Joan Stevenson, Michael Agnew

The Use of Health Care Services following a Workplace Injury: A Study of Workers and their Families In British Columbia. Judy A Brown, Harry Shannon, Peggy McDonough, Cameron Mustard

Safety critical positions in the Canadian railway industry: Medical issues on pre-placement assessment and during initial six months of employment. John Cutbill, Kenneth Corbet

Occupational Risk Perception and Protective Strategies of Food Service Workers: A Qualitative Approach. Adam Cann, Ellen MacEachen, Anthony Vandervoort


Income dynamics and adult mortality in Canada. Jacob Etches, Cameron A Mustard

L’analyse critique des plans: un outil pour intégrer la prévention dès la conception des lieux de travail. Élise Ledoux, Marie Bellemare, Louis Trudel, Sylvie Montreuil, Marie Laberge, Micheline Marier

Significant occupational health impact stressors and sources at different stages of the mining lifecycle. Karen McCaig

Interruptions to work or work itself? Paradoxes in analysing the activity of counsellors in women's shelters. Jessica Riel, Karen Joseph, Marie Laberge, Céline Châtigny, Karen Messing

The Health Consequences of Precarious Employment Experiences. Emile Tompa, Heather Scott, Roman Dolinschi
Work organization and its relationship to health: Qualitative results from focus groups. Sybil Geldart, Chia-Yu Lin, Renee Williams, Muriel Westmorland, Harry Shannon, Joy MacDermid

12:00-1:00, Lunch (box lunch supplied): Lobby

1:00-3:00, Parallel sessions

Knowledge Translation and Prevention *
Co-Chairs: Elise Ledoux, IRSST; Anne-Marie Nicol, UBC
Room xxx, Curtis Building

Circonscrire les besoins et les enjeux en vue de développer une programmation de recherche en santé et sécurité du travail visant les jeunes travailleurs. Marie Laberge, Elise Ledoux

Évaluation d’un programme de sensibilisation à la santé et sécurité du travail dans des centres de formation professionnelle. Éléna Laroche, Jean-Pierre Brun

Compte rendu du symposium sur les ‘actions de transfert en SST vers les milieux de travail ’ organisé dans le cadre du colloque du réseau santé et sécurité au travail du Québec en mai 2005 à Chicoutimi. Monique Lortie, Claire Lapointe, Steve Vézeau

Communicating the hazards of workplace exposures: a review of Toluene Diisocyanate. Anne-Marie Nicol, Ralph Brands, Patricia Holmes, Linda Frazier, Larbi al Bilali, Martin Nicholas, Paul Demers

The Revised "Tools for Modified Work": Research transfer to the workplace. Susan Stock, R Baril, C Dion-Hubert

Occupational Disease
Co-Chairs: Bruce Case, McGill; Judy Guernsey, Dalhousie
Room xxx, Curtis Building

Follow-up Study of Neurobehavioral Functions of Manganese Exposed Workers from an Alloy Production Plant 13 Years after the Plant Closure. Maryse Bouchard, Donna Mergler

Occupational Disease Practice Patterns in Ontario. D Linn Holness, Shehrina Tabassum, Gary Liss, Susan Tarlo, Frances Silverman

Mental Illness Trajectories among Health Care Workers. Mieke Koehoorn, Clyde Hertzman, Donald C Cole, Fan Xu, Selahadin Ibrahim, Alec Ostry, Patricia Holmes

Long-term Impact of Western Red Cedar Asthma on Respiratory Symptoms. Virginia Taliadouros, Kay Teschke, Yat Chow, Jennifer Wilson, Raja Abboud, Moira Chan-Yeung, Helen Dimich-Ward

Softwood Dust Exposure and Cancer. Paul Demers, Hugh W. Davies, Melissa C. Friesen, Clyde Hertzman, Steve Marion, Alec Ostry, Kay Teschke

A Ten-year Mortality Follow-up of a 15% Sample of the 1991 Canadian Census Population. Cam Mustard, Kristan Aronson, Russell Wilkins
Workers’ Compensation
Co-Chairs: Jean Yves Savoie, WSIB Toronto; Katherine Lippel, UQAM
Room xxx, Curtis Building

Epidemiologic Evidence, Workers’ Compensation and Causation in Law: The Case of Firefighting and Heart Disease. Bernard Choi

The Discourse of Abuse, Suffering, and Return to Work. Joan Eakin

Falling Between the Cracks. Ellen MacEachen, Agnieszka (Iggy) Kosny, Sue Ferrier

Workers’ Experience of the Workers’ Compensation Process: Therapeutic and Anti-therapeutic Effects and Factors Affecting the Experience. Katherine Lippel, Joseph Caron, Marie-Claire Lefebvre, Chantal Schmidt

Medical Services for Asthma: Differences between Workers’ Compensated Asthma Claimants and Non-Workers' Compensated Asthma in British Columbia. Christopher McLeod, Kimberlyn McGrail, Lillian Tamburic, Mieke Koehoorn

Barriers to Establishing Links in Occupational Health Research: An Analysis of Statements Made by Scientists on the Work-relatedness of Musculoskeletal Disorders in Formal and Informal Communications. Stephanie Premji, Karen Messing, Katherine Lippel

3:00-3:30, Coffee break: Lobby

3:30-5:00, Closing Plenary Session:* Should the Canadian Public Health Agency Embrace Occupational Health Protection?
Chair: Cam Mustard, Institute for Work and Health, Toronto
Room xxx, Curtis Building

Opening remarks. Cam Mustard

Speaking from the perspective of the PHAC. Representative to be confirmed

Speaking from the perspective of the provinces. Representative to be confirmed

The view from organized labour. Andrew King, United Steelworkers of America - Canadian National Office

Is there a role for provincial Workers' Compensation Authorities in the building of a national occupational health protection institution? Terry Bogyo, BC WCB
