

# 2010 CARWH Conference / Congrès ACRST

Worker Health in a Changing World of Work

La santé des travailleurs dans un monde du travail en mutation

Toronto, May 28-29, 2010

carwh2010.iwh.on.ca / acrst2010.iwh.on.ca

Friday, May 28/2010

Ballroom, 2<sup>nd</sup> Floor

St. David Room, 3<sup>rd</sup> Floor

St. Patrick Room, 3<sup>rd</sup> Floor

Giovanni Room, 2<sup>nd</sup> Floor

(translation available)

## 8:30 OPENING PLENARIES (Ballroom)

Lippel: Invisibility of the consequences of precarious employment

Aronson: Research challenges: Work at night and cancer risk

## 10:15 BREAK

10:30

### 1. Protecting vulnerable workers (1/2)

Breslin: Bridging the safety gap for vulnerable young workers using youth employment centres

Norman: Playing where you work: Rural Newfoundland youth and intersections of work, play and health

Ledoux: Précarité des trajectoires d'emploi et premières lésions professionnelles chez les jeunes de 16 à 24 ans

Grusenmeyer: Sous-traitance et accidents. Exploitation de la base de données EPICEA de l'INRS

Létourneau: L'évaluation de la formation à l'harmonisation travail-vie personnelle : un domaine de recherche en émergence

### 2. Work-related musculoskeletal disorders (1/2)

Stock: Social inequalities, musculoskeletal health and work: Does the perception of work-relatedness matter?

Amick: The use of work role functioning in evaluating an ergonomic intervention

Van Eerd: The evidence on effectiveness and implementation of participatory ergonomics

Berolo: Musculoskeletal symptoms among mobile hand-held device users and their relationship to device use: A preliminary study in a Canadian university population

Dutta: The effect of experience on caregiver low-back loads resulting from overhead and floor lift devices

### 3. Sustainable RTW (1/3)

Lederer: Long-term impact of an early multidisciplinary return-to-work program for workers on sick leave due to MSDs

Holness: Return-to-work program for workers with contact dermatitis - initial results

Ammendolia: Training health and safety workers on best practices for return to work: What is the uptake?

Busse: The Somatic Pre-Occupation and Coping (SPOC) Questionnaire predicts return to work in tibial fracture patients

### Symposium: Research into action: Addressing the stigma experienced by injured workers

Endicott: From research to action - an advocate's perspective

Geary: From research to action: A policy-maker's perspective

Eakin: From research to action: An academic researcher's perspective

## 12:00 CARWH/ACRST ANNUAL GENERAL MEETING and LUNCH

13:30

### 4. Economic incentives and regulatory standards in occupation health protection

Hogg-Johnson: Evaluation of the Ontario High Risk Firm Initiative

Champoux: OHS policy, politics and structures in Quebec: Effects on interventions in small workplaces

Lippel: Role of physicians in workers' compensation systems in Quebec and Ontario: Relevance for research and practice in return to work

Dixon: What benefit are we getting out of this? Investigating sustainability in two occupational health programs

Baril-Gingras: Trente ans après l'adoption de la Loi québécoise sur la santé et la sécurité du travail : une contribution de la recherche à un bilan et à des perspectives

### 5. Work hazards and exposure measurement (1/2)

Hall: A survey of exposure data availability in Canada

Peters: Occupational exposure limits in Canada: A comparison across the provinces and territories

Kirkham: Firefighters' exposures to cardiovascular risk factors: Carbon monoxide, noise, physical exertion and stress.

Wong: Shift work trends and risk of injury among Canadian workers

Vafaei: Workplace social capital and work-related injury in Canada: A cross-sectional analysis

### 6. Occupational disease

Takaro: Sarcoidosis cases in workers from British Columbia industries with potential beryllium exposure

Labrèche: Occupational exposures and postmenopausal breast cancer: impact of sensitivity analysis

Demers: Time trends for asbestos, silicosis and coal workers' pneumoconiosis in British Columbia

McLeod: Geographic variation of pneumoconioses in British Columbia

### Symposium: Building a return-to-work research network in Canada

Chairs: Iuliana Nastasia, Patrick Loisel

Discussants: Manon Truchon, Marie-France Coutu, Ivan Steenstra, Ellen MacEachen, Renée-Louise Franche, Patrick Loisel

The objective of this symposium is to initiate networking activities among Canadian researchers in the field of rehabilitation and return to work and to explore the relevance and feasibility of creating interprovincial joint research and knowledge transfer activities in this field of research

## 15:00 BREAK

15:15

### 7. Knowledge exchange in OHS

Carlan: Marching to a different drummer: The role of the networks in knowledge transfer in the construction sector

Kramer: Context, evidence and facilitation: Adapting a knowledge transfer framework from the health care system to the construction sector

Walinga: Thinking outside the risk: Identifying barriers and promoting insights in workplace injury prevention

Street: Women's occupational health coverage in traditional occupational health journals versus women's health specialty journals, 1987-2007: A quantitative content analysis

Gehanno: Performance de Medline pour l'identification des articles de qualité en santé au travail

### 8. Topics in workers' compensation

Asfaw: The impact of self-insuring for workers' compensation on workplace fatality rates

Mustard: Examining trends in the incidence and cost of workers' compensation claims

MacEachen: That's not part of the compensable injury: Subcontractor relations and the under-recognition of health problems among injured workers in Ontario's Labour Market Re-Entry program

Eakin: The stigmatization of injured workers: The construction of 'unworthiness' in the compensation process

### 9. Sustainable RTW (2/3)

Atkins: A collaborative early intervention model supporting return to work for health-care workers

Dechief: Taking care of those who care: A stress management intervention for anti-violence workers

Franche: Workplace-based interventions for return-to-work or work functioning outcomes among workers with common mental health conditions: A systematic literature review

Geary: Using research to improve work reintegration outcomes

### Symposium: Interdisciplinary occupational health practice: A case study

Holness: Physician practice patterns and barriers to practice with a focus on occupational diseases

Oudyk: Case study investigation of birth defects in a newspaper office environment

## 16:45 BREAK

## 18:30 CONFERENCE DINNER

Hosted by:



Institute  
for Work &  
Health

Research Excellence  
Advancing Employee  
Health

Saturday, May 29/2010

Ballroom, 2 <sup>nd</sup> Floor (translation available)	St. David Room, 3 <sup>rd</sup> Floor	St. Patrick Room, 3 <sup>rd</sup> Floor	Armoury Suite, 2 <sup>nd</sup> Floor	Giovanni Room, 2 <sup>nd</sup> Floor
<b>8:30 POSTER VIEWING</b>				
<b>9:30 PLENARY: Best student papers</b>				
<b>11:00 BREAK</b>				
<b>11:15 10. Work-related musculoskeletal disorders (2/2)</b>	<b>11. Protecting vulnerable workers (2/2)</b>	<b>12. Long-duration disability episodes</b>	<b>13. Education, training and health promotion in occupational health</b>	<b>Symposium: Carcinogens in the Ontario workplace: Work of the new OCRC</b>
Turcot: Health perception in workers exposed to hand-arm vibration: Prerequisite for putting in place an effective preventive program in the workplace	Kosny: New immigrants' experiences after a work-related injury	Hogg-Johnson: Long-duration claims - what is driving increases in duration and locked-in claims in Ontario?	Collie: Health screening in the workplace - Preliminary results from the WorkHealth Program in Victoria, Australia	Demers: Occupational carcinogens: Current knowledge, gaps, and stakeholder perspectives
Caryn: Transmission of acceleration from vibrating exercise platforms to the lumbar spine and head	Smith: Language literacy and labour market outcomes among recent Canadian immigrants	Spector: Understanding the longer term impacts of disability onset	Amick: Developing leading indicators of organizational performance in Ontario	Marrett: Asbestos and mesothelioma in Ontario
Wioland: Evolutions des organisations dans le secteur du transport routier de marchandises : effets sur la santé et la sécurité des salariés	Gravel: Occupational health and safety measures in small businesses employing immigrant workers in Montreal	Tomba: Comparative benefits adequacy and equity of three Canadian workers' compensation programs for long-term disability	Emad: Safer workplace through authentic training	Blair: Pesticides and cancer: New analyses of a multi-centre case control study
St. Vincent: Analyse de la littérature francophone sur les interventions ergonomiques de type participatives initiées pour la prévention des TMS	Côté: Cultural issues in disability prevention, rehabilitation and return-to-work process	Casey: Health status of injured workers with permanent impairments: Comparisons by income status	Robson: A systematic review of the effectiveness of training & education for the protection of workers	Do: Radiation and cancer: Long-term risks in Ontario uranium miners
Govaere: Approche organisationnelle du déchargement de containers : analyse des effets en termes de santé et sécurité			Andrushko: Extending and improving time to retirement: The older worker leave pilot program	
<b>12:45 LUNCH &amp; POSTER VIEWING</b>	<b>Dialogue on MSD Research</b>			
<b>14:00 14. Topics in prevention</b>	<b>15. Sustainable RTW (3/3)</b>	<b>16. Work hazards and exposure measurement (2/2)</b>	<b>Symposium: Asbestos</b>	<b>Symposium: Firefighter health and safety</b>
Mustard: Suicide mortality by occupation in Canada, 1991-2001	Chen: Factors predicting recovery patterns of back pain among workers with compensated occupational back injuries	McKinnon: Assessment of discomfort and characterization of officer activity in police fleet vehicles	Labrèche: Mesothelioma surveillance: Validation of diagnosis from a tumour registry	McLellan: Laboratory studies to establish the basis for thermoregulatory guidelines and cooling strategies for firefighters
Beach: New onset mental illness: Analysis by occupation and health costs	Franche: Understanding work disability among rural health-care workers: A literature review and environmental scan	Neis: Accidents ashore: Occupational safety challenges on wharves in Newfoundland and Labrador	Koehoorn: Evaluation of a physician letter to increase awareness of workers' compensation benefits for individuals with mesothelioma	Selkirk: Hydration and cooling strategies to enhance firefighters' safety and work performance
Schmid: Workplace injuries and job flows	Sugimura: Assessing the impact of supervisor support on workers' work ability	King: Assessments in computer workers: A comparison of methods	Giles-Murphy: An asbestos exposure database for asbestos mine/mill workers (1977-1994)	Kostiuk: Developing strategies for air management and thermoregulation in the Toronto Fire Services
Etches: Relative and absolute inequalities in cause-specific mortality among Canadian adults by socioeconomic indicator	Atkins: Call centre model improves timelines and outcomes of integrated disability management program	Bigelow: Developing a survey to assess the health, safety and wellness of truck drivers	McLeod: Estimating the burden of asbestos-related lung cancer	Williams-Bell & Boisseau: SCBA air management in the fire service
Nastasia: Prise en compte de la santé et la sécurité de travailleurs dans le processus de collecte et d'analyse des TCQP	Lochhead: Assessment of work readiness - Rasch Analysis of the spinal function sort	Robson: Something might be missing from OHS audits: Findings from a content validity analysis of five audit instruments	Hodgins: Occupational asbestos exposure in the news: A historical content analysis of French- and English-language newspapers	Hughson: Physical demands and air management during simulated firefighting tasks
<b>15:30 BREAK</b>				
<b>15:45 CLOSING PANEL: A summary of the highlights of the CARWH 2010 conference (chaired by R-L Franche; Panelists: C Mustard, L Holness, P Loisel, T Bogyo)</b>				
<b>16:45 CONFERENCE CLOSE</b>				

**Dear CARWH Conference Attendees,**

Welcome to the sixth conference of the Canadian Association for Research on Work and Health (CARWH). We have developed a stimulating program for you over the next two days that covers a wide range of work and health topics. We hope that you will take every opportunity to participate in the presentation sessions, discussions and networking that we have planned including CARWH's Annual General Meeting that will be held during the lunch break on May 28.

We want to recognize those who made this conference possible. First, a thank you to our sponsors, the Canadian Institutes of Health Research (CIHR), the Ontario Ministry of Labour, WorkSafeBC, and the Workers' Compensation Board of Nova Scotia for their generous financial support for the conference.

We want to thank the organizers of the Student Day on May 27 and all the presenters who have contributed their research to this conference.

Finally we want to thank the CARWH program committee and the staff at the Institute for Work & Health (IWH) for their many hours of work to make the conference a reality.

We will be sending every participant an online survey following the conference and we encourage you to complete this so that future CARWH conference organizers can benefit from your insights.

CARWH is about sharing research ideas and results, forging new partnerships and developing new research agendas. We hope you take full advantage of the next two days to do just that!

**Ellen MacEachen**  
President/Présidente  
CARWH/ACRST

**À tous les participants au congrès de l'ACRST,**

Bienvenue au sixième congrès de l'Association canadienne de recherche en santé au travail (ACRST). Au cours des deux prochains jours, vous pourrez profiter d'un programme stimulant traitant d'une vaste gamme de sujets sur la santé au travail. Nous espérons que vous saisissez l'occasion de participer aux séances, aux discussions et au réseautage que nous avons prévus, y compris l'Assemblée générale annuelle de l'ACRST qui se tiendra durant le dîner, le 28 mai.

Nous aimerions souligner, d'une part, la contribution de nos commanditaires qui ont rendu le congrès possible. Merci aux Instituts de recherche en santé du Canada (IRSC), au ministère du Travail de l'Ontario, à WorkSafeBC et à la Commission d'indemnisation des accidents du travail de la Nouvelle-Écosse pour leur généreux soutien financier. Nous aimerions également remercier les organisateurs de la Journée étudiante du 27 mai, ainsi que tous les présentateurs qui ont soumis leur recherche pour ce congrès. D'autre part, nous aimerions remercier le comité de programmation de l'ACRST et le personnel de l'Institut de recherche sur le travail et la santé (IRTS) pour les nombreuses heures de travail nécessaires pour faire de ce congrès une réalité.

Après le congrès, tous les participants recevront un sondage en ligne. Nous vous encourageons à y répondre afin que les organisateurs des prochains congrès de l'ACRST puissent profiter de vos commentaires.

L'ACRST se veut un forum pour échanger des idées et des résultats de recherche, établir de nouveaux partenariats et élaborer de nouveaux programmes de recherche. Nous espérons que vous profiterez au maximum de ces deux prochains jours!

**Cameron Mustard**  
President and Senior Scientist/  
Président et scientifique principal  
IWH

CARWH and IWH wish to acknowledge these sponsors for their generous support of this conference:

