

2001 Congress of Epidemiology Program (Revised 4/12/01)

Wednesday June 13th

ACE Workshops

9.00 to 5.00

Molecular Genetics
Jack Taylor

9.00 to 5.00

Complex Sample Surveys
Donna Brogan

9.00 to 5.00

Extreme Ethics
Kenneth Goodman, Arturo Brito

9.00 to 5.00

Cluster Randomization Trials
Alan Donner, Neil Klar

9.00 to 5.00

Risk Communication
Tim Tinker

1.00 to 5.00

Career Development
Diana Buist et al

9.00 to 5.00

SER Student Workshop

Frontenac

6.00 to 9.00

Poster Session 1 Judging
(Session 1 posters stay up until noon on
14th) *Trudy Berkowitz*

6.30 to 9.00

Opening Reception

Thursday June 14th

Metro West

8.00 to 9.00

Opening Ceremonies

5m

Welcome to Congress

5m

Michael Bracken, Chair

Welcome to Toronto

10m

David Naylor (U Toronto)

The Four Presidents

32m

APHAepi *Betsy Foxman,*
ACE *Jon Samet*
SER *David Savitz,*
CSEB *Jack Siemiatycki*

9.00 to 10.15

Methods Plenary
**The need to improve study design,
analysis and reporting in risk factor
epidemiology**
Sander Greenland

- 9:00 Brief overview of agenda (Chair: *Sander Greenland, UCLA*)
- 9:05 Neglected designs in epidemiology (*Clarice Weinberg, NIEHS*)
- 9:30 Data say nothing about epidemiologic associations and effects (*Sander Greenland, UCLA*)
- 9:50 Why published epidemiology is really junk science (*Charles Poole, U North Carolina*)

10.15 to 10.45

COFFEE

Metro West 10.45 to 12.15

Methods Plenary Panel (Part 2)
Kenneth Rothman

- 10:45 Panel discussion on the need to improve study design, analysis, and reporting (Chair: *Kenneth Rothman*. Panelists: *Clarice Weinberg, Sander Greenland, Charles Poole, Diana Pettiti, Walter Willett, Richard Peto*)

Harbor 10.45 to 12.15

Symposium Ethics and epidemiology
Douglas Weed

- 10:45 Research ethics: individual privacy versus public Ggood (*Robert McKeown, U South Carolina*)

- 11:15 Ethics of research with children (*Loretta Kopelman*, East Carolina U)
- 11:45 Ethics of precautionary preventive interventions (*Douglas Weed*, NCI)
- Pier 4 10.45 to 12.15 **Symposium Controversial role of clinical breast examinations in cancer screening**
Janet Bobo
- 10:45 Brief review of CBE controversy and overview of agenda
(Chair: *Janet Bobo*, CDC)
- 10:55 Effects of CBE screening on breast cancer mortality – Canadian data (*Cornelia Baines*, U Toronto)
- 11:15 Effects of CBE screening on breast cancer mortality – U.S. HIP data (*Nancy Simpson & Philip Prorok*, NCI)
- 11:35 Cost effectiveness of adding CBEs in mammographic screening programs (*Rob Boer & Harry de Koning*, Erasmus U, Rotterdam)
- 11:55 Improving sensitivity and specificity of the CBE
(*Mary Barton*, Harvard U)
- Pier 5 10.45 to 12.15 **Symposium Religion and health: evidence, mediating mechanisms and measurement**
Stanislav Kasl, Judith Hays
- 10.45 Introduction to the field and the major themes (Co-Chairs: *Stanislav Kasl*, Yale U; *Judith C. Hays*, Duke U)
- 10.50 The link between religion/spirituality and physical health: a review of the evidence (*Lynda Powell*, Rush-Presbyterian-St. Luke's Medical Center)
- 11.08 Psychosocial mediators of the relationship between religious involvement and health (*Linda George*, Duke U)
- 11.26 Issues in measuring religiousness for health studies (*Ellen Idler*, Rutgers U)

11.44 An epidemiologist's evaluation of the limitations of the evidence and suggestions for next steps (*Stanislav Kasl, Yale U*)

11.59 Discussion

12.15 to 2.00 **LUNCH**

Pier 5 2.00 to 4.00 **Symposium Epidemiology and the law: concepts of causality in conflict**
Michael Bracken, Mary Chipman

2.00 Concepts of causality (*Mary Chipman, Chair, U Toronto; Sander Greenland, UCLA; Leon Gordis, Johns Hopkins U; Stephen Waddams, U Toronto; Frank Woodside, Dinsmore & Shohl*)

2.50 General Discussion

3.00 Are judicial panels a solution (*Michael Bracken, Chair, Yale U; Judge Sam Pointer; Barbara Hulka, UNC and earlier panelists will react*)

3.50 General Discussion

Metro West 2.00 to 5.00 **Neuroepidemiology Forum**
Aurora Pageau

2.00 Forum overview (*Aurora Pajeau, Louisiana State U*)

2.10 Parkinson's disease epidemiology: an update (*Caroline Tanner, Parkinson's Institute, CA*)

2.30 Lessons from the natural history of multiple sclerosis (*George Ebers, Oxford U*)

2.50 Stroke epidemiology (*Philip Gorelick, Rush Medical College*)

3.10 Genetic epidemiology of epilepsy: overview and recent insights (*Ruth Ottman, Columbia U*)

3.30 Issues in the epidemiology of dementia and Alzheimer's disease (*Walter Kukull, U Washington*)

3.50 Ethics of inclusion and exclusion: racial, cultural or gender exclusion from clinical research studies, target populations omitted from research (*Lois Nora, U Kentucky*)

4.10 General Discussion

Harbor 2.00 to 4.00 **Contributed Integration of genetics into epidemiologic research**
Muin Khoury

- 2.00 Comparison of methods for collection of DNA samples by mail in the black women's health study. *YC Cozier, JR Palmer, L Rosenberg*
- 2.15 Confounding bias due to population stratification. *JS Witte, DV Conti*
- 2.30 Complex gene-environment interaction estimation methods for epidemiologic studies. *CC Aragaki*
- 2.45 Flexible matching strategies to increase power and efficiency to estimate gene-environment interactions in case-control studies. *T Sturmer, H Brenner*
- 3.00 Glutathione s-transferase vegetable consumption, residential radon and risk of lung cancer in non-smoking women. *MCR Alavanja, B Blomeke, KH Vahakangas, JA Welsh, CC Harn, WP Bennett*
- 3.15 Integrated epidemiologic, genomic and proteomic approach to colorectal cancer. *SB Gruber, Grennert, JD Bonner, B Sprecher, N Lee, DE Misek, R Kuicl, LP Tomsho, SR Kardia, JM Taylor, TJ Giordano, J Greenon, SM Hanash, ER Fearon*
- 3.30 Anonymous data management: protecting privacy for epidemiologic follow-up studies. *HG Skinner, K Helzlsouer, P Wayner*
- 3.45 Genetic testing for late onset diseases in Canada: the current situation. *L Belle-Isle*

Pier 4 2.00 to 4.00 **Contributed Nutrition and other etiologies of cardiovascular disease**
Walter Willett

- 2.00 A high glycemic diet in relation to plasma levels of high-sensitivity C-reactive protein in middle-aged women. *S Liu, JE Manson, J Buring, MJ Stampfer, WC Willett, PM Ridker*
- 2.15 Alcohol drinking pattern and myocardial infarction. *M Trevisan, M Ram, K Hovey, M Russell, J Freudenheim, P Muti, J Dorn, T Nochajski*

- 3.45 Small area variation in prescription drug use among Canadian children. *AL Kozyrskij*
- Pier 3 2.00 to 4.00 **Contributed Reproductive cancers in women**
Marlene Goldman
- 2.00 Epidemiological risk factors for breast cancer and HER2 overexpression in tumors. *H Swede, KB Moysich, JL Freudenheim, JT Quirk, PC Muti, T Hurd, SB Edge, JS Winston, AM Michalek*
- 2.15 Association of poly a vitamin D receptor genetic variant with incident breast cancer. *JA Knight, UV Onay, H Ozcelik*
- 2.30 ODC and risk of breast cancer. *K Visvanathan, KJ Helzlsouer, PT Strickland, S Hoffman, TG O'Brien, T Guo*
- 2.45 Risk of hormone related cancers after ovarian stimulation for in-vitro fertilization in a cohort of 26,428 women. *H Klip, CW Burger, FE van Leeuwen*
- 3.00 Prospective cohort study of ovarian cancer and hormone replacement therapy. *JV Lacey, PJ Mink, A Schatzkin, ME Sherman, C Schairer*
- 3.15 Cigarette smoking is a risk factor for mucinous but not for non-mucinous epithelial ovarian tumors. *F Modugno, RB Ness, R Vergona*
- 3.30 Determinants of acquisition and persistence of cervical human papilloma virus infections in Montreal University students. *H Richardson, EL Franco, MC Rousseau, F Coutlee, P Tellier*
- 3.45 Serum carotenoids and risk of cervical intraepithelial neoplasia in southwestern American Indian women. *MA Schiff, RE Patterson, RN Baumgartner, TM Becker*
- Queens Quay 1 2.00 to 4.00 **Contributed Application of epidemiology to health services research**
Robert Hiatt
- 2.00 Incorporating evidence-based standards into surveillance systems for disease prevention and control. *M Adams, D Stroup, J Harris*
- 2.15 Monitoring Canada's health care system reform from a population health perspective: a systematic review of indicators. *DA Roy, P Tousignant, R Pineault, F Paccaud, P Bergeron, S Couet, M Kossem*

- 2.30 Utilization of physicians' services under universal health insurance in Ontario. **MM Finkelstein**
- 2.45 Sociodemographic determinants of self-care behaviors in response to coronary heart disease symptoms in an older population. **SB Muldoon, NE Schoenberg, MAL Rosenfeld**
- 3.00 Screening for diabetes using ADA or WHO criteria in Australian aborigines. **M Daniel, KG Rowley, K O'Dea**
- 3.15 Work-related musculoskeletal disorders and patterns of health care utilization. **M Koehoorn, C Hertzman, H Lee, D Cole**
- 3.30 Factors influencing the use of community long term care services by caregivers of persons with dementia in Newfoundland. **P Navarro, SK Buehler**
- 3.45 Who is being missed with Ontario mental health reform: analyses of acute care hospital utilization for mental illness data in London, Ontario. **E Vingilis, K Hartford, YH Cheong, JS Hoch**

Queens Quay 2 2.00 to 4.00 **Contributed Psychiatric epidemiology**
Beth Moscato

- 2.00 Development of a measure of perceived continuity of care for persons with severe mental illness. **CE Adair, TC Wild, AS Joyce, GM McDougall, A Gordon, NP Costigan, A Beckie, CR Mitton, P Beausejour, M Lu**
- 2.15 Cigarette smoking, mental health and social support in native Canadians. **M Daniel, MD Cargo, LW Green**
- 2.30 Gender differences in psychological distress. **TM Mayer, CA Mustard**
- 2.45 Feelings of hatred and revenge and post-traumatic stress disorder of Kosovar Albanians one year after the war in Kosovo. **R Kaiser, BL Cardozo, CA Gotway, F Agani**
- 3.00 Lifetime history of major depression and early transition to the perimenopause: the Harvard study of moods and cycles. **BL Harlow, LA Wise, MW Otto, LS Cohen**
- 3.15 Prevalence of depressive symptoms and antidepressant medication use in middle aged men, 1987-89 and 1995-97. **CA Derby, AB Araujo, JB McKinlay**
- 3.30 Physical illness and death in psychiatric patients. **D Lawrence, CDJ Holman, A Jablensky**

3.45 Self-reported mental health service use versus administrative records – what’s the difference? *AE Rhodes, E Lin, CA Mustard*

Frontenac 4.00 to 7.00 **Poster Session 2** Judging
(Session 2 posters stay up until noon on 15th) *Trudy Berkowitz*

7.00 to 10.00 **Reception Art Gallery of Ontario**

Friday June 15th

Dockside 2,3,4,5 7.00 to 8.30 **Breakfast Roundtables**
Rosanne McTyre

Increasing diversity among epidemiologists
William Jenkins

Moving from Mentee to Mentor
Nigel Paneth

How to be a peer-reviewer
Richard Rothenberg

Ethics, epidemiology and reproduction
Germaine Buck, Ken Goodman

Epidemiologic evidence and non-evidence
shaping public health policy: vaccination
Jose Cordero

Access to medical records and new
privacy rules
Marie Swanson

Is it time to stop studying the effects of
cigarette smoking?
Richard Peto

A proposal for an international society for
urban health research
Sandra Galea

Harbor 8.30 to 10.00 **Clinical and classical epidemiology:
a comparison of standards of evidence**
Jack Sinclair and Stephen Walter

8.30 Brief overview of the agenda (*John Sinclair, Yale U, Stephen Walter
McMaster U*)

8.40 Systematic reviews of experimental studies (*A Jadad, McMaster U*)

9.15		Systematic reviews in observational epidemiology (<i>Maria Blettner, Bielefeld U</i>)
9.50		Floor Discussion
Metro West	8.30 to 10.00	The fall and rise of infectious disease <i>Stanley Weiss, James Koopman & Betsy Foxman</i>
8:30		Introduction to the session: the fall and rise of infectious diseases (<i>Betsy Foxman, U Michigan</i>)
8:40		"Never a null moment - epidemiology in the world of vaccine-preventable diseases" (<i>Walter Orenstein, CDC</i>)
9:30		Discussant (<i>Sarah Patrick, South Dakota Department of Health</i>)
9:40		Discussant (<i>Wasima Rider, Food and Drug Administration</i>)
9:50		General Discussion, Audience & Speakers
10.00 to 10.30		COFFEE
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Harbor	10.30 to 12.00	Comparisons of evidence (Part 2) <i>Jack Sinclair and Stephen Walter</i>
10.30		Narrative reviews (<i>John Bailer, U Chicago</i>)
11.10		General discussion with speakers and audience
Metro West	10.30 to 12.00	Challenges in Infectious Disease Epidemiology (Part 2) <i>Stanley Weiss, James Koopman & Betsy Foxman</i>
10:30		Introduction to the session (<i>Stanley Weiss, U Medicine and Dentistry of New Jersey</i>)
10:40		Infectious causes of chronic diseases: an epidemiologic perspective (<i>Lisa Jackson, U Washington</i>)
11:10		Analysis of infection transmission systems and infectious disease data (<i>James Koopman, U Michigan</i>)
11:40		Discussion

- Pier 4 10.30 to 12.00 **Contributed Measurement error and other methods**
Donna Spiegelman
- 10.30 Calculating sample size with consideration of uncertain input assumptions. *CV Phillips, J Kim, KJ Goodman*
- 10.45 Comparisons of different approaches analyzing longitudinal data in nutritional epidemiologic research. *Q Wang, Y Wang*
- 11.00 Competing models for correlated errors in dietary validation studies: the evidence, the implications. *D Spiegelman, J Kim*
- 11.15 Multivariate diet models and the effect of correlated errors. *KB Michels, NE Day*
- 11.30 Effects of errors in probabilistic job exposure matrices when applied in case-control studies. *U Stromberg, J Bjork*
- 11.45 The intervention-prediction design. *G Maldonado, S Greenland*
- Pier 5 10.30 to 12.00 **Contributed Melanoma – current epidemiology**
Marianne Berwick
- 10.30 Melanoma incidence trends: New South Wales, Australia, 1983-1996. *L Marrett, H Nguyen, B Armstrong*
- 10.45 Definition of skin self-examination for melanoma. *MA Weinstock, PM Risica, The Check It Out Project Group*
- 11.00 Sun exposure predicts risk of ocular melanoma in Australia. *CM Vajdic, A Kricke, BK Armstrong, M Giblin, J McKenzie, J Aitken, GG Giles*
- 11.15 Body mass index, sex and DNA repair capacity: host factors for aggressiveness in cutaneous malignant melanoma. *S Chang, MS Touillaud, S Kong, Q Wei*
- 11.30 Estimating risk for melanoma with an INK4A mutation. *M Berwick, C Begg, S Mahabir, D Coit, MS Brady, P Myskowski, P Roy, Y Song, R Canchola, I Orlow*
- 11.45 Young age of diagnosis is a predictor of multiple primary melanoma: an interim analysis of the genes, environment and melanoma (GEM) study. *SB Gruber, KA Shea, JD Bonner, DY Sturgeon, M Berwick*

- Pier 2 10.30 to 12.00 **Contributed Neurodevelopmental epidemiology**
Matthew Longnecker
- 10.30 Is neonatal thyroxine level a biomarker for later ADHD? **SH Lamm, A Nandedkar, K Japal, M Stein, P Magrab, S Mosee, S Chang, OP Soldin**
- 10.45 Scalp hair mercury content of children ages 6-12 in the northeast United States. **JE Dunn, D Bellinger, S Assmann, J Landon, E Cerniciari, DB Daniel**
- 11.00 Dental treatment, fish consumption and mercury exposure during pregnancy in relation to child neurodevelopment. **JL Daniels, AS Rowland, MP Longnecker, M Cook, J Golding**
- 11.15 Do children with falling blood lead levels have improved cognition? **X Liu, NB Ragan, WJ Rogan**
- 11.30 An overview of CDC's childhood blood lead surveillance system and its role in the elimination of pediatric blood lead poisoning by the year 2010. **PM Jacobs, WJ Blumenthal, TA Dignam, SD Buchanan**
- 11.45 Childhood family structure and socioeconomic status: risks for major depression across the life course. **SE Gilman, I Kawachi, G Fitzmaurice, SL Buka**
- Pier 3 10.30 to 12.00 **Contributed Social epidemiology**
Lisa Berkman
- 10.30 Individual and neighborhood socio-economic predictors of chronic health problems and consequent activity restriction: an application of multilevel modeling to 1990 OHS data. **J Etches, C Mustard**
- 10.45 Neighborhood socioeconomic deprivation and disability. **JL Balfour, JM Guralnik**
- 11.00 Socioeconomic status and health: how to link research and policy. **B Lefkowitz, BK Krimgold**
- 11.15 Socioeconomic variability in intimate partner violence against low income native American women. **LH Malcoe**
- 11.30 Impact of income inequality on hospitalization rates of ambulatory care sensitive conditions in New York City. **J Fang, RW Gern, MH Alderman**

11.45 Social cohesion and self-reported mental and physical health status in Harlem neighborhoods in New York City. *S Galea, J Ahern, SH Factor, I Kawachi, D Vlahov*

Queens Quay 1 10.30 to 12.00 **Contributed Race, social class and health**
Pat O'Campo

10.30 Socio-economic inequalities in cardiovascular mortality and the role of work: a register study of Finnish men. *SV Virtanen, V Notkola*

10.45 Effect of neighborhood in community trials of cardiovascular disease. *JM Oakes, AB Araujo, KP Kleinman*

11.00 Race, racism and neighborhood racial composition: mental health status in African-Americans in Harlem, New York City. *J Ahern, S Galea, SH Factor, C Fuller, D Vlahov*

11.15 Future directions in segregation and health research. *D Acevedo-Garcia, KA Lochner*

11.30 The respective roles of deprivation and ethnicity on the use of health services in South Auckland, New Zealand. *G Jackson, C Palmer, A Lindsay, J Peace*

11.45 Does public health care reduce socioeconomic disparities in health? *PJ Veugelers, AM Yip, G Kephart*

Queens Quay 2 10.30 to 12.00 **Contributed Epidemiology of violence**
Louise-Anne McNutt

10.30 Childhood sexual abuse independently predicts early initiation of injection drug use. *SA Strathdee, R Ikeda, N Shah, D Vlahov, E Morse, C Fuller, S Bailey, P Kerndt, C Maslow, R Garfein*

10.45 Postpartum physical abuse among North Carolina women. *SL Martin, L Mackie, LL Kupper, P Buescher, KE Moracco*

11.00 Risk factors for work-related violence: Minnesota nurses' study. *SG Gerberich, TR Church, PM McGovern, HE Hansen, NM Nachreiner, MS Geisser, GD Watt, AD Ryan*

11.15 Impact of intimate partner violence of men and women: analysis of the National Violence Against Women Survey. *AL Coker, KE Davis, S Desai, I Arias, PH Smith, M Sanderson*

11.30 Health care charges attributable to intimate partner violence in a New Mexico HMO. *K Tollestrup, FJ Frost, M Larson, M Larson, HV Petersen, J Sandvig*

11.45 Association with socioeconomic status with suicide death rates in mainland China. *TR Guan, X Zhang, J Mao, Z Wu, R Norton*

Metro Center 12.00 to 2.00 **AWARDS LUNCH**

Harbor 2.00 to 4.00 **Symposium Biomarkers of nutritional exposure and nutritional status**
Jo Freudenheim

2.00 Introduction (Chair: *Jo Freudenheim*, U Buffalo, SUNY)

2.05 Biological and methodological issues for nutritional biomarkers: an overview (*Nancy Potischman*, NCI)

2.25 Question and answer

2.30 Biomarkers of antioxidant nutrient intake/oxidative stress status (*Susan Mayne*, Yale U)

2.50 Question and answer

2.55 Biomarkers of the status of nutrients involved in one-carbon metabolism (*Joel Mason*, Tufts U)

3.15 Question and answer

3.20 Biomarkers of isoflavonoid and lignan phytoestrogens (*Johanna Lampe*, U Washington)

3.40 Question and answer

3.45 Summary and question and answers to the panel (*Jo Freudenheim*, Moderator)

Metro West 2.00 to 4.00 **Symposium Perinatal biomarkers**
Michelle Williams, David Savitz

2.00 Molecular genetics and perinatal epidemiology (*Allen Wilcox*, NIEHS)

2.25 Role of pregnancy biomarkers in studying the fetal origins of adult disease (*Matthew Gillman*, Harvard U)

- 2.50 Biomarkers of the fetal and neonatal inflammatory response
(*Olaf Dammann* and Alan Leviton*, Children's Hospital, Boston)
- 3.15 Food frequency questionnaire or biomarkers: what is best during pregnancy?
(*Anna Maria Siega-Riz*, UNC)
- 3.40 General discussion

Pier 4 2.00 to 4.00 **Symposium An epidemiologic conundrum: assuring safety of drugs used in pregnancy**
Stanley Edlavitch

- 2.00 Introduction to pharmacoepidemiology (*Stanley Edlavitch*, U Kansas)
- 2.10 Unique scientific and regulatory issues when considering the risk/benefits of drugs use during pregnancy (*Hugh Tilson*, UNC)
- 2.25 What the OB/GYN and patient need to know about drug safety in pregnancy
(*Michael Greene*, Harvard U)
- 2.45 Issues identified at the CDC/FDA workshop "Concepts and Strategies to Actively Monitor the Risks of Medication in Pregnancy: Enhancing Post-Marketing Surveillance" (*Janet Cragen*, CDC)
- 3.05 A pharmaceutical industry perspective on the epidemiologic objectives and challenges (*Pat Tennis*, Glaxo Smith Kline)
- 3.20 An academic perspective on the epidemiologic objectives and challenges (*Allen Mitchell*, Boston U)
- 3.35 Panel discussion - questions and answers (Moderator: *Stanley Edlavitch*, U Kansas)

Pier 5	2.00 to 4.00	Symposium Global HIV/STD Epidemiology in the new millenium <i>Ward Cates</i>
2:00	Overview of topics (Moderator: <i>Ward Cates</i> , Family Health International)	
2:10	Global HIV and AIDS: magnitude consequences and cost (<i>Catherine Hankins</i> , McGill U)	
2:35	Epidemiology of sexual transmission (<i>Lynn Paxton</i> , CDC))	
3:00	Epidemiology of perinatal transmission (<i>Sten Vermund</i> , U Alabama)	
3:25	Epidemiology of transmission due to substance abuse (<i>Marty Schechter</i> , U British Columbia)	
3:50	General discussion	
Pier 2	2.00 to 4.00	Symposium Climate change and health: controversies and epidemiologic reponse <i>Alistair Woodward</i>
2.00	Introduction (<i>Alistair Woodward</i> , Wellington School of Medicine)	
2.05	Will the climate change? An assessment of the likelihood. (<i>Gordon McBean</i> , UWestern Ontario)	
2.25	Using weather-health relationships to estimate health effects of climate change. (<i>Ben Armstrong & Paul Wilkinson</i> , U London School of Hygiene & Tropical Medicine)	
2.45	Validity and utility of "what if?" scenarios. (<i>Dieter Riedel</i> , Health Canada)	
3.05	Epidemiology does not have the measures it needs. (<i>Colin Soskolne</i> , U Alberta)	
3.25	What is the difference between epidemiology and junk science? (<i>Jonathan Patz</i> , Johns Hopkins U)	
3.45	Discussion	
3.55	Summing up (<i>John Last</i> , U Ottawa)	

Pier 3 2.00 to 4.00 **Workshop Fieldwork issues: things they didn't teach you in school**
Dale Sandler, Jane Hoppin

- 2.00 Overview of agenda and goals of symposia
- 2.05 Panel 1: Assessing study feasibility and getting started
- 2.40 Panel 2: Practical aspects of study implementation
- 3.15 Panel 3: Specimen collection, banking, quality control
- 3.50 Wrap-up session and open forum

Queens Quay 1 2.00 to 4.00 **Symposium Occupational causes of cancer: are we at a cul-de-sac?**
Jack Siemiatycki

- 2:00 Stating the challenge (Chair: *Jack Siemiatycki*, U Montreal)
- 2:10 What we know about occupational cancer and how we found out (*Aaron Blair*, NCI)
- 2:25 Are we likely to discover more occupational carcinogens? (*Nicola Cherry*, U Alberta)
- 2:40 Future of research into causes of occupational cancer (*Richard Monson*, Harvard U)
- 2:55 Priorities for development of research methods in occupational cancer (*Paul Schulte*, NIOSH)
- 3:10 Discussant (*TBN*)
- 3:20 General discussion

Queens Quay 2 2.00 to 4.00 **Symposium Food safety: challenges to epidemiology**
Tamar Lasky, Ruth Etzel

- 2.00 Brief overview of agenda (Chairs: *Tamar Lasky & Ruth Etzel*, USDA)
- 2.05 Surveillance for foodborne pathogens: commodity-specific attribution and opportunities for prevention and control, (*Fred Angulo*, CDC)

2.25	Q&A	
2.30	Surveillance for latent infectious sequelae of foodborne agents: Creutzfeld-Jacob disease in the United Kingdom, (<i>Hester Ward</i> , National Creutzfeld-Jacob Disease Surveillance Unit, Western General Hospital, Edinburgh, Scotland)	
2.50	Q&A	
2.55	Estimating risk of <i>E. coli</i> O157:H7 exposure: the example of uncertainty in number of <i>E. coli</i> infections attributable to ground beef (<i>Mark Powell</i> , USDA)	
3.15	Q&A	
3.20	Field epidemiology and laboratory methods to assess risk when genetically modified corn inadvertently entered the food supply (<i>Carol Rubin</i> , CDC)	
3.40	Q&A	
3.45	Panel discussion	
Harbor	4.00 to 5.30	Workshop Halving premature death-A World View <i>Richard Peto, Rory Collins, Alan Lopez</i>
4.00	Updated global patterns of childhood and adult mortality (<i>Alan Lopez</i> , WHO, Geneva)	
4.30	Halving vascular mortality (<i>Rory Collins</i> , U Oxford)	
5.00	Halving premature death (<i>Richard Peto</i> , U Oxford)	
Frontenac	4.00 to 7.00	Poster Session 3 Judging (Session 3 posters stay up until noon on 16 th) <i>Trudy Berkowitz</i>

	5.00 to 6.00	Society Annual General Meetings
Queens Quay	6.00 to 8.00	CSEB with reception to follow
Pier 2/3		ACE
Pier 4/5		SER
	7.00 to 8.00	Alumni Receptions and Student Reception

Saturday June 16th

Dockside 2,3,4,5	7.00 to 8.30	Breakfast Roundtables <i>Rosanne McTyre</i>
		Privacy, promises and data sharing <i>Terry Fontham</i>
		Setting research and training priorities in women's health <i>Marlene Goldman</i>
		Epidemiologic practice: epidemiology in state and local health departments <i>Sarah Patrick</i>
		Joining forces: the future of epidemiology societies in North America <i>Betsy Foxman</i>
		Measuring the impacts of racism on health <i>Camara Jones</i>
		Educating students for non-traditional careers in epidemiology: public health practice and policy <i>M Stoto</i>
		Gene-environment and gene-gene interactions in studies of diseases <i>T O'Brien and Richard Kaslow</i>
		Proposal for an international society for Urban health research <i>D Vlahov</i>

Harbor	8.30 to 10.00	Epidemiology and molecular genetics: wave of the future or tsunami? <i>Allen Wilcox and Richard Kaslow</i>
8.30	Introduction and overview (<i>Allen Wilcox, NIEHS; Richard Kaslow, U Alabama</i>)	
8.40	Applying new genomic technology in epidemiologic studies (<i>Jack Taylor, NIEHS</i>)	
9.05	Discussion	
9.20	Design of genetic epidemiology studies (<i>Sholom Wacholder, NCI</i>)	
9.45	Discussion	
Metro West	8.30 to 10.00	Social epidemiology at the crossroads: conceptual and methodological issues <i>George Kaplan</i>
8.30	Introduction: (<i>George Kaplan, U Michigan and Canadian Institute for Advanced Research</i>)	
8.35	Social determinants of biology, development, and health (<i>Clyde Hertzman, U British Columbia and Canadian Institute for Advanced Research</i>)	
8.55	Commentator: (<i>Nigel Paneth, Michigan State U</i>)	
9.00	Impact of human settlements on disease transmission (<i>Mark Wilson, U Michigan</i>)	
9.20	Commentator: (<i>Trevor Hancock, York U</i>)	
9.25	Social and economic equity and population health (<i>John Lynch, U Michigan</i>)	
9.45	Commentator: To be announced	
9.50	Discussion of first three papers	
	10.00 to 10.30	COFFEE

- Harbor 10.30 to 12.00 **Molecular Genetics (Part 2)**
Allen Wilcox and Richard Kaslow
- 10.30 Molecular basis of common human disease (*Aravinda Chakravarti*, Johns Hopkins U)
- 11.05 Comments (*Muin Khoury*, CDC)
- 11.15 General Discussion (*Panel of prior speakers and audience*)
- Metro West 10.30 to 12.00 **Social Epidemiology (Part 2)**
George Kaplan
- 10.30 Is there a need for clinical trials in epidemiology? (*Jay Kaufman*, U North Carolina)
- 10.50 Commentator: (*Cam Mustard*, U Toronto)
- 10.55 Capturing multi-level determinants of health and development (*Ana Diez-Roux*, Columbia U)
- 11.15 Commentator: (To be announced)
- 11.20 Social epidemiology in a world of gene-environment interactions (*Richard Cooper*, Loyola U)
- 11.40 Commentator: (*Patricia Baird*, U British Columbia and Canadian Institute for Advanced Research)
- 11.45 Discussion of all papers
- Pier 4 10.30 to 12.00 **Symposium Statistical analysis in genetic Epidemiology – using genetic and epidemiologic information in the investigation of disease susceptibility**
Shelley Bull
- 10.30 Brief overview of agenda (Chair: *Shelley Bull*, U Toronto)
- 10:35 Modeling gene-environment and gene-gene interactions in complex metabolic pathways for colorectal polyps (*Duncan Thomas*, U Southern California)
- 11:00 Gene-environment interaction in linkage analysis: a tuberculosis epidemic provides an example of an analytic quandary (*Celia Greenwood*, McGill U)

- 11:25 Distribution-free methods for analyzing association and linkage for complex genetic diseases (*David Tritchler*, U Toronto)
- 11:50 General discussion involving audience and speakers
- Pier 5 10.30 to 12.00 **Contributed Late Breaker**
Polly Marchbanks
- Pier 2 10.30 to 12.00 **Contributed Aging, arthritis and stroke**
Nancy Mayo
- 10.30 Consistent low prevalence of arthritis in Quebec: findings from several Canadian population health surveys. **PP Wang**, *EM Bradley*
- 10.45 Use of billing data to study area variations in prevalence and use of services: the example of rheumatoid arthritis. **E Boyle**, *EM Bradley, RH Glazier, JI Williams*
- 11.00 A functional comorbidity index: development and validation. **DL Groll**, *JG Wright, T To, C Bombardier*
- 11.15 Effect of race and poverty on the process and outcome of inpatient rehabilitation among stroke patients. **RD Horner**, *JW Swanson, HB Bosworth, DB Matchar*
- 11.30 Measuring different recovery outcomes using multivariate multilevel models. **K Tilling**, *CDA Wolfe, JAC Sterne*
- 11.45 Well-being following stroke in a national sample of Canadian seniors. **PJ Clarke**
- Pier 3 10.30 to 12.00 **Contributed Occupation and cancer**
John Acquavella
- 10.30 A longitudinal study of chest radiographic changes and mortality of workers in the refractory ceramic fiber industry. **G Lemasters**, *J Lockey, L Levin, J Yiin, S Reutman, D Papes, C Rice*
- 10.45 Case-control study of occupational exposures and risk of prostate cancer among farmers. **ME Parent**, *J Siemiatycki, M Desy*
- 11.00 Incidence of lymphohematopoietic malignancies in a cohort of petrochemical employees: a collaboration by industry and a state cancer registry. **WW Huebner**, *VW Chen*

- 11.15 Occupational exposure to hydrocarbon solvents and K-RAS activation in exocrine pancreatic cancer. **J Alguacil, M Porta, N Malats, M Kogevinas, T Kauppinen, T Partanen, FG Benavides, FX Real**
- 11.30 Occupational risk factors for male bladder cancer. **M Zeegers, G Swaen, Y Kant, A Goldbohm, P van den Brandt**
- 11.45 Update of mortality among Union Carbide Corporation chemical workers in the Kanawha Valley of West Virginia: 55 years of observations. **H Pastides, MW Zorn, KA Mundt, MJ Teta**
- QQ1 10.30 to 12.00 **Contributed Persistent organic pollutants**
Irva Hertz-Picciotto
- 10.30 **STUDENT FIRST PRIZE WINNER** Black tea consumption reduces risk of rectal cancer among women in Moscow. **Dora Il'yasova**
- 10.45 Characterization of bromoxynil exposure in prairie residents: a pilot study. **KM Semchuk, HH McDuffie, A Senthilselvan, JA Dosan, AJ Cessna, DG Irvine**
- 11.00 DEET, Phenoxyherbicide exposure and non-Hodgkin's lymphoma. **HH McDuffie, P Pahwa, JA Dosman, JRMcLaughlin, JJ Spinelli, S Fincham, D Robson**
- 11.15 The NHANES III Pesticide Epidemiology Study: high exposure levels in relation to blood and biochemical parameters. **EM Werner, RH Allen**
- 11.30 PBB exposure and benign breast disease in a cohort of US women. **R Kaiser, M Marcus, H Michels Blanck, M Naughton, RH Zhang, AK Henderson, PE Tolbert, C Rubin, VS Hertzberg**
- 11.45 Maternal serum level of DDE and risk of cryptorchidism, hypospadias and polythelia among male offspring. **MP Longnecker, MA Klebanoff, JW Brock, H Zhou, KA Gray, L Needham, AJ Wilcox**
- QQ2 10.30 to 12.00 **Contributed Moving disease prevention strategies into widespread practice**
Mehran Massoudi
- 10.30 Using DNA markers to identify most effective hygiene practices in child care centers. **L Lawson, X Jiang, A McCraw, J Mills, L Pickering**
- 10.45 Injection drug use and hepatitis in Canada: the effectiveness of harm reduction strategies. **L Leonard, L Forrester, C Navarro, L Pelude**

- 11.00 Predictors of legislators' support for tobacco control and other public health policies. **JE Cohen**, *NA de Guia, MJ Ashley, R Ferrence, DA Northrup, DT Studlar*
- 11.15 Evaluation of intimate partner violence intervention in primary care. **LA McNutt**, *BE Carlson, IM Rose*
- 11.30 Infant mortality among children whose mothers consumed folic acid during pregnancy: Sino-US NTD prevention project. **RJ Berry**, *Z Li, J Gindler, JM Liu, JC Zheng, A Correa, H Wang, LY Wong Y Wang*
- 11.45 Improving patient cardiovascular outcomes through physician practice-level intervention: power, sample size and analysis considerations. **PJ Nietert**, *RG Jenkins, SM Ornstein*

12.00 to 2.00

LUNCH

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- Harbor 2.00 to 4.00 **Symposium CVD risk factors in children: the epidemic of the new century**
Gilles Paradis
- 2.00 Introduction : Why should we be interested in CVD risk factors in children ?
(Gilles Paradis, McGill U)
- 2.20 Cholesterol and blood pressure in children: ten years after the NCEP and the Task Force Reports *(Darwin Labarthe, CDC)*
- 2.40 Smoking and physical inactivity in North-American children: from bad to worse
(Jennifer O'Loughlin, McGill U)
- 3.00 Insulin resistance syndrome in youth: the upcoming epidemic *(M. Lambert, U Montreal)*
- 3.20 CVD prevention in youth: what can be achieved? *(Russell Luepker, U Minnesota)*
- 3.40 General Discussion
- Metro West 2.00 to 4.00 **Symposium New ecologic survey of rural China. Public data release**
Richard Peto, Junshi Chen, Colin Campbell, Wenharn Pan
- 2.00 China: wide variation in lifestyle, diet, biochemistry and mortality rates across 69 very different rural counties *(Richard Peto, U Oxford)*

- 2.25 Trends in lifestyle and diet since the 1970s in rural China (*Junshi Chen*, Chinese Academy Medical Sciences)
- 2.50 Chinese and western diets (*Colin Campbell*, Cornell U)
- 3.15 Differences between mainland China and Taiwan (*Wenharn Pan*, Academia Sinica, Taipei, China)
- 3.40 Full.data.availability@ctsu.ox.ac.uk (*Richard Peto*, U Oxford)

Pier 4 2.00 to 4.00 **Symposium Urban living & mental illness**
Ezra Susser, Evelyn Bromet

- 2.00 Introduction and overview (*Ezra Susser*, Columbia U; *Evelyn Bromet*, SUNY)
- 2.10 Urban living and common mental disorders (*Glyn Lewis*, U Wales)
- 2.30 Ecologic societal factors and mental health (*Stephen Buka*, Harvard U)
- 2.50 Extreme urban disadvantage in the United States (*Michaeline Bresnahan & Bruce Link*, Columbia U)
- 3.10 Extreme urban disadvantage in Canada (*Paula Goering & Donald Waselynsky*, U Toronto)
- 3.30 Discussant (*Morley Beiser*, U Toronto)
- 3.45 General Discussion

Pier 5 2.00 to 4.00 **Symposium Practices and outcomes of health service in Canada and the US**
Vivek Goel

- 2.00 Introductions and brief overview of agenda (Chair: *Vivek Goel*, U Toronto)
- 2.10 Opportunities and challenges of cross-national research: comparing patterns and correlates of mental health services use in Canada and the United States. (*Steven Katz*, U Michigan)
- 2.35 Comparing accessibility, quality and processes of care (*Geoff Anderson*, U Toronto)

- 3.00 Canada-United States comparative cancer care outcomes: systematic review of methodological issues (*Kevin Gorey, U Windsor*)
- 3.25 General discussion involving audience and speakers
- Pier 2 2.00 to 4.00 **Symposium International collaborative cancer research. Sponsored by IEA**
Richard Gallagher, Elaine Ron
- 2.00 Overview: what are the dilemmas presented by international collaborative cancer studies? (*Richard Gallagher, U British Columbia*)
- 2.10 Opportunities and challenges in conducting research in the former Soviet Union (*Elaine Ron, NCI*)
- 2.40 Studies of HPV and cervical cancer in developing countries (*Rolando Herrero, Ministry of Health, Costa Rica*)
- 3.10 The Shanghai Cohort Study experience (*Mimi Yu, U Southern California*)
- 3.40 General Discussion
- Pier 3 2.00 to 4.00 **Symposium Biostatistics contributions to the epidemiology of air pollution and mortality**
Aaron Cohen, Daniel Krewski
- 2.00 Introduction
- 2.05 Non-parametric regression methods for time-series data (*J Schwartz, Boston*)
- 2.30 Bayesian hierarchical models for multi-site time-series data: applications from The National Morbidity, Mortality and Air Pollution Study (*F Dominici, Baltimore*)
- 2.55 Recent advances in the analysis of multi-site cohort data: applications from the reanalysis of US cohort studies (*R Burnett, Ottawa*)
- 3.20 Discussants: (*D Clayton, Cambridge U, invited*); *D Thomas, Los Angeles*)
- 3.45 General Discussion

- QQ1 2.00 to 4.00 **Contributed Cardiovascular disease in women**
Julie Buring
- 2.00 Gender-specific effect of coronary heart disease and diabetes mellitus on coronary heart disease mortality. *S Natarajan, G Cao, Y Liao, SR Lipstz, D McGee*
- 2.15 Are there gender differences in treatment of hypercholesterolemia? *JC Thomas, KB Taylor, DT Lackland*
- 2.30 Prevalence of sleeping disordered breathing and its association with hypertension. *EO Bixler, HM Lin, AN Vontzas, TT Have, A Vela-Bueno, BE Leiby, A Kales*
- 2.45 Anticardiolipin antibodies and thromboembolic disorders in young Jamaican women. *EK Kahwa, LA Sargeant, N McFarlane-Anderson, M Smikle, T Forrester, R Wilks*
- 3.00 Coffee consumption and risk of coronary heart disease among high risk women. *UA Ajani, C Albert, S Liu, M Gaziano, N Cook, J Buring, JE Manson*
- 3.15 Cross sectional study of the effects of drinking black tea on cardiovascular disease among Saudi women. *IA Hakim, MA Alsaif, AA Aloud, OS Al-Attas*
- 3.30 Dietary fiber intake and risk of cardiovascular disease among women. *S Liu, J Buring, H Sesso, EB Rimm, WC Willett, JE Manson*
- 3.45 Retinal arteriolar diameter is related to incident coronary heart disease in women but not men: the Atherosclerosis In Communities Study. *TY Wong, R Klein, AR Sharrett, BB Duncan, DJ Couper, JM Tielsch, BE Klein, LD Hubbard*
- QQ2 2.00 to 4.00 **Contributed Epidemiology and public health policy**
Jonathan Samet
- 2.00 Comparative epidemiology of two potential hazards: threshold for public health action. *P Schulte, L Stayner, A Okun*
- 2.15 Risk assessment for 2,3,7 8-Tetrachlorodibenzo-P-dioxin based on an epidemiologic study. *K Steenland, JA Deddens, LA Piacitelli*
- 2.30 Overweight and mortality in elderly: an evidence-based assessment. *A Heiat, V Vaccarino, H Krumholz*
- 2.45 Spatial synoptic classification of air pollution and human mortality associations in Toronto, Canada: past relationships and policy implications.

- 3.00 Front to back: excess deaths from sudden infant death syndrome in the US attributable to delayed adoption of public health policy on infant sleep position.
KE Pickett
- 3.15 Reductions in welfare payments and avoidable hospital admissions in a Canadian inner city. *RH Glazier, EM Badley, MM Agha, MI Creatore*
- 3.30 Untangling the web of causation: epidemiology and social determinants of community health. *JB Hawes, VN Lafronza*
- 3.45 Providing widely understandable perspective for risks reported in studies.
CV Phillips, G Maldonado

End of Congress 4.00pm