

PROGRAM

SER-CSEB 2005 Joint Meeting Epidemiology without Borders

MONDAY, JUNE 27, 2005

4:00 – 8:00 p.m.	Registration	Frontenac
7:00 – 9:00 p.m.	Welcome Reception	Frontenac
7:30 – 8:30 p.m.	Poster Session 1	Frontenac

AGING

- 001 *Sampling by Variables allows Identifying Patterns of Frailty in Elderly People*
Arnold Mitnitski
- 002-S *Relationship between Dog Walking and Maintained Mobility in Older Adults from the Health ABC Study*
Roland Thorpe, Jr
- 003 *FrData: Examining Candidate Components to Define Frailty in the Elderly using Three Canadian Databases*
Sathya Karunanathan
- 004-S *Classification and Predictive Ability of Longitudinal Trajectories of Delirium Severity in an Elderly Population*
Marie-Pierre Sylvestre
- 005 *The Pattern of Renal Failure to End-stage Renal Disease*
Jay Xue
- 006-S *Prevalence and Risk Factors of Postural Hypotension*
Shao-Yuan Chuang
- 007 *Type of Physical Activity and Leg Power in Relation to Incident Falls in Older Men*
Benjamin Chan
- 008-S *Long-term Recall of Body Weight by Elderly Males: The Manitoba Follow-up Study*
Dennis Bayomi
- 009-S *Health Status Indicators among Community-dwelling Elders with Arthritis: The Bambui Health and Aging Study*
Gustavo Machado
- 010 *The Lifetime Risk of Symptomatic Knee OA is One in Two*
Louise Murphy
- 011-S *Recognition of Depression in Elderly Medical Inpatients*
Monica Cepoiu
- 012 *Demographic Trends and Epidemiology of End-stage Renal Disease Patients in Ontario from CORR (1981-2002)*
Lilyanna Trpeski

BEHAVIORAL

- 013 *Using Cluster Analysis to Examine Patterns of Knowledge, Attitudes, and Practices Related to Influenza Immunization among Older Adults: Results of the Racial and Ethnic Adult Disparities in Immunization Initiative (READII) Survey, 2004*
Barbara Bardenheier
- 014-S *The Joint Influence of Parental Modeling and Parental Concern on Adolescent Smoking*
Bindu Kalesan
- 015 *Alcohol Consumption among Women Who are Pregnant and Those Who Might become Pregnant - United States, 2002*
James Tsai
- 016 *Seasonal Variation among the 5 Most Popular Leisure-time Physical Activities in Canada*
Michelle Rotermann
- 017 *Length of Immigration to the US and Lifestyle among Chinese Immigrants in New York City (NYC)*
Jing Fang
- 018 *Prevalence of Meeting Physical Activity Recommendations as a Predictor of State Obesity Prevalence - United States, 2003*
Karen Lee

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- 019 *Psychosocial Correlates of Smoking in a Randomly Sampled Adult Population*
Karen Tofflemire
- 020 *The Blood Donor Screening Questionnaire: Is it Effective?*
Shefali Ram
- 021-S *Stress, Depression and Pain as Mediators between Chronic Conditions and Sleep Problems*
J. Denise Power
- 022 *Overweight/Obesity and Self-reported General Health: Are Polynesians at Higher Risk in Hawaii?*
Margaret H. Ochner
- 023 *The COM99 Study Results: A Cluster-randomized Trial of an Intervention to Improve Adherence to Antihypertensive Drugs among Patients at High Cardiovascular Risk*
Manel Pladevall
- 024 *Discordant Reporting of Disability between Physicians and Patients with Chronic Noncancer Pain*
Ana Miriam Velly
- 025-S *Different Dimensions of Chronic Pain and its Impact on Health Related Quality of Life, Disability and Daily Living in Early Inflammatory Arthritis (EIA)*
Hedieh Ghanbari
- 026 *Twenty-year Trajectories of Daily Energy Expenditure: The Moderating Role of Sex and Age*
Tracie Barnett
- BIOMARKERS**
- 027 *Dietary Patterns, the Alternate Healthy Eating Index and Plasma Levels of Sex Hormones in Postmenopausal Women*
Teresa Fung
- 028 *Inflammatory and Endothelial Dysfunction Markers and the Multiple Metabolic Syndrome*
Kristine Lee
- 029-S *Patterns of Salivary Cortisol Secretion in Pregnancy and Implications for Assessment Protocols*
Emily Harville
- 030 *Transillumination Spectroscopy: A Biomarker of Breast Tissue Density*
Kristina Blackmore
- 031 *Percent versus Total Area of Mammographic Density in Pre- or Early Perimenopausal Caucasian, Chinese, Japanese and African American Women*
Laurel Habel
- 032 *Maternal Folate and Vitamin B-6 Biomarkers and Risk of Oral Cleft Birth Defects in Utah*
Ronald Munger
- BIOSTATISTICS**
- 033* *Confidence Intervals for the Youden Index and Corresponding Optimal Cut-point*
Enrique Schisterman
*abstract displayed in Poster Session 2
- 034 *Development of a Survey Instrument to Assess Bioethical Behaviors in Data Analysis*
Min Qi Wang
- 035 *Racial/Ethnic Disparities in Premature Death from the Leading Causes of Death in the United States, 2000*
Shifan Dai
- 036-S *Increase of Physician Diagnosed Asthma Prevalence in a Female Canadian Population: The National Population Health Survey Study 1994-2001*
Sunita Ghosh
- CANCER**
- 037 *Exploring a New Hypothesis for the Rapid Rise of Colon Cancer in Japan and Singapore: Reduction of Immunosurveillance by the Loss of Symbiotic Apicomplex*
David Juckett
- 038 *Hormone Replacement Therapy and Colorectal Adenoma: Data from the Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial*
Mark Purdue
- 039 *Dietary Phytoestrogen Intake is Associated with Reduced Colorectal Cancer Risk*
Michelle Cotterchio
- 040-S *Association between Colonic Screening, Subject Characteristics and Stage of Colorectal Cancer*
Laura Fazio
- 041 *Prognosis for Mucinous Adenocarcinoma of the Colon and Rectum*
Lin Xie
- 042 *Radiation and Thyroid Cancer in the Childhood Cancer Survivor Study: A Detailed Evaluation of Dose-response and its Modifiers*
Cecile Ronckers

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- 043-S *Smoking and the Risk of Colorectal Cancer in a German Population-based Case-control Study*
Emaculate Verla-Tebit
- 044-S *Selenium, Apoptosis and Colorectal Adenomas*
Alexandra Frost
- 045 *Physical Activity, Body Size, and Lung Cancer Risk*
Amy Trentham-Dietz
- 046-S *Previous History of Lung Disease and Risk of Lung Cancer in Montreal*
Agnihotram V Ramanakumar
- 047 *Extracolonic Primary Cancers in Colorectal Carcinoma Patients: Results Using 1975-2001 SEER Data*
Faruque Ahmed
- 048 *Cancer Risk among Women in the WIHS and VAHS Cohorts*
Nancy Hessol
- 049 *Pattern and Trends in Cancer Incidence and Mortality in BC Indo-Canadians, 1970-2003*
Maria Barroetavena
- 050-S *Environmental Tobacco Smoking and Smoking-related Susceptibility Genes for the Risk of Esophageal Cancer*
Nai-Chieh You
- 051 *Longitudinal Evaluation of Quality-of-life in Long-term Lung Cancer Survivors*
Hiroshi Sugimura
- 052 *Lung Cancer in Patients Younger than 50 or Older than 80 Years of Age at Diagnosis*
Ping Yang
- 053 *Prospective Study of Testicular Cancer in Relation to Maternal Smoking and Alcohol Use: The Child Health and Development Studies*
Barbara Cohn
- 054 *The Breast Cancer Family Registry: Diet Collection Methodology for Studies of the Genetic Epidemiology of Breast Cancer*
Virginia Hartmuller
- 055 *Folate, Vitamin B12 and Vitamin B6 Intake and the Risk of Breast Cancer among Mexican Women*
Martin Lajous
- 056-S *Lifetime Exposure to Arsenic in Drinking Water and Bladder Cancer Risk in Michigan*
Jaymie Meliker
- 057 *Alcohol Consumption and Lung Cancer Risk: Results from Two Case-control Studies in Montreal*
Andrea Benedetti
- 058 *Psychological Stress, Coping and Prostate Cancer*
Ann Coker
- 059 *Use of Pediatric versus Adult Oncology Treatment Centres by Adolescents 15 to 19 Years Old: The Canadian Childhood Cancer Surveillance and Control Program*
Julia Klein-Geltink
- 060-S *Association between Subject Factors and Colorectal Cancer Screening Participation in Ontario, Canada*
Farah Ramji
- 061 *Time Interval between the Diagnosis of Cancer in Mothers and Offspring in the Jerusalem Perinatal Study (JPS) Cohort*
Ora Paltiel
- 062-S *Serum Steroid Hormones in Young Manhood and the Risk of Subsequent Prostate Cancer*
Chiaojung Tsai
- 063 *Thyroid Cancer in Ontario: Exploring Incidence Trends*
Diane Nishri
- 064 *The Impact of Fatigue on Quality-of-life in Cancer Patients*
Digant Gupta
- 065 *Evidence of Medical Attention Bias in the Proposed Association between Vasectomy and Prostate Cancer*
Donna Turner
- 066 *Cabbage/Sauerkraut Intake at 12-13 Years of Age and Adulthood and Breast Cancer Risk in Polish Migrant Women: Results from the US Component of the Polish Women's Health Study*
Dorothy Pathak
- 067 *Legume and Protein Intake and Prostate Cancer Mortality in Puerto Rican Men*
Ellen Smit
- 068 *Compensated Occupational Cancer in Ontario, Canada, 1937-2004*
Erin Pichora
- 069 *Hepatocellular Carcinoma Incidence Trends in Males and Females: Analysis by Birth-cohort and Period of Diagnosis*
Gaia Pocobelli

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- 070 *The Influence of Obesity and Race on Cervical Cancer Screening: A Population Study*
Geetanjali Datta
- 071 *Identifying Clusters of Bladder Cancer Cases Using Residential Histories*
Gillian Avruskin
- 072 *Cancer Incidence, Mortality, and Health-related Behaviors among US Immigrants*
Gopal Singh
- 073 *Dietary Fat, Cholesterol and Eggs and Ovarian Cancer Risk: A Pooled Analysis of 12 Cohort Studies*
Jeanine Genkinger
- 074-S *Controls Selection and Pesticide Exposure Assessment via GIS in Population Based Prostate Cancer Studies*
Jennifer Marusek
- 075 *Validity of a Questionnaire to Assess the Exposition Level to Carcinogenic Agents*
Juan Manuel Mejia-Arangure
- 076-S *Total Fluid Intake and Risk of Renal Cell Cancer in Two Large Cohorts*
Jung Lee
- 077 *Passive and Active Smoking and Breast Cancer Risk: The Accumulating Evidence*
Ken Johnson
- 078 *The Burden of Cancer in Ontario First Nations People, 1968-2001*
Lorraine Marrett
- 079 *Leukemia Mortality after Fractionated Moderate-dose-rate Ionizing Radiation in the Canadian Fluoroscopy Cohort*
Lydia Zablotska
- 080 *History of Diabetes and Subsequent Prostate Cancer Risk in the NIH-AARP Diet and Health Study*
Michael Leitzmann
- 081 *Early Death from Comorbid Illnesses among Prostate Cancer Patients Receiving Curative Treatment*
Patti Groome
- 082 *Asthma Symptoms during Pregnancy Predict Reduced Risk of Maternal Breast Cancer: Prospective Evidence from the Child Health and Development Studies*
Piera Cirillo
- 083-S *Risk Factors for Incidental Lesions among Women with Breast Cancer*
Rebecca Shackelton
- 084 *Human Papillomavirus and Cutaneous Squamous Cell Carcinoma: A Case-control Study*
Robin Harris
- 085-S *Effect Modification by Catalase Genotype Suggests a Role for Oxidative Stress in the Relationship between Hormone Replacement Therapy (HRT) Use and Breast Cancer Risk*
Sylvia Quick
- 086-S *Reduction of Exposure Misclassification in a Case-control Study of Farming-related Exposures and Prostate Cancer*
Tamra Meyer
- 087 *Anthropometric Indicators and Risk of Lymphoid Malignancies in the Prospective NIH-AARP Diet and Health Study*
Unhee Lim
- 088-S *Asbestos and Pleural Cancer in Canada*
Minh Do

CARDIOVASCULAR

- 089 *Life Style and Emerging Risk Factors and 10-year Risk for Coronary Heart Disease*
Umed Ajani
- 090 *Smoking Status is Strongly Associated with the Occurrence of Secondary Cardiovascular Disease Events: Estimates Based on Self-reports and Serum Cotinine Measurements*
Dorothee Twardella
- 091 *Evidence for Allostasis: How Decreased Platelet Sensitivity Predicts Increased Stroke Risk*
Dan Sharp
- 092 *Effect of Pre-existing Statin Use on In-hospital Mortality and Functional Status at Discharge in Ischemic Stroke Patients*
Mathew Reeves
- 093 *Prognostic Value of N-Terminal-Pro-B-Natriuretic Peptide Levels: Prospective Cohort Study in Patients with Stable Coronary Heart Disease*
Dietrich Rothenbacher
- 094 *Framingham Risk Score Predicts Prevalent Chronic Kidney Disease in Women*
Tobias Kurth

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- 095-S *Depression, Inflammation, and Stroke: Cohort Analysis*
Jose Arbelaez
- 096 *Increased Stroke Incidence Associated with Residence in the Southeastern United States in the Physician's Health Study*
David Rich
- 097-S *Regression Dilution in Coronary Heart Disease Risk Prediction*
Nina Paynter
- 098 *Effects of Selenium Supplementation on Cardiovascular Disease Incidence and Mortality: Secondary Analyses in a Randomized Clinical Trial*
Saverio Stranges
- 099-S *Lifestyle Variables, Non-traditional Cardiovascular Risk Factors and the Metabolic Syndrome in an Aboriginal Canadian Population*
Juan Liu
- 100 *Association between C-reactive Protein and Tobacco Use in a Representative, Population-based Sample of Children and Adolescents*
Jennifer O'Loughlin
- 101-S *Association between High-sensitivity C-reactive Protein and Selected Cardiovascular Risk Factors in Healthy Adults*
Andrea Hafner
- 102 *Knowledge about Risk Factors for Stroke: A Population-based Survey with 28,090 Participants*
Jacqueline Muller-Nordhorn
- 103-S *A Simple Prediction Rule for Chronic Kidney Disease in Healthy Men*
Rebecca Gelber
- 104 *Higher HTN Prevalence among Moderate Drinkers May be Due to Under-reporting of Alcohol Intake*
Arthur Klatsky
- 105 *Effects of a Short-term School-based Healthy Heart Program: An Interventional Study, 2001-2002*
Raha Pazoki
- 106 *Association between Depression Scores and High-Sensitivity C-Reactive Protein in Healthy Adults*
David Chiriboga
- 107 *Social and Demographic Predictors of No Transport Prior to Cardiac Death*
Elizabeth Barnett
- 108 *Determinants of the Number of Intracranial Aneurysms*
James Torner
- 109 *Increasing Intima-media Thickness across Successive Birth Cohorts, 1926-1946*
Kathleen Bainbridge
- 110-S *Wartime Stress and Long-term Cardiovascular Disease: The Manitoba Follow-up Study, 1948-2005*
Lisa Dwyer
- 111 *Drug-eluting versus Bare-metal Coronary Stents: Outcome Analysis of a Controlled Study for the Reduction of Coronary Restenosis*
Doreen McBride

ENVIRONMENT

- 112 *Adverse Health Effects among Bedouins of the Southern Israel and Residential Proximity to a Regional Industrial Park*
Ella Kordysh
- 113 *Heavy Metals Exposures and Neural Tube Defects in Offspring*
Jean Brender
- 114 *Neighborhood Conditions and Risk of Incident Lower Body Functional Limitations among Middle-aged African Americans*
Mario Schootman
- 115 *Perceived Health Status and its Correlates among Teachers in St. Vincent and the Grenadines*
Fitzroy Jones
- 116 *The Influence of Community Resources on Childhood Vulnerability*
Linda Van Til
- 117 *Serum Dioxins and Polychlorinated Biphenyls and Endometriosis: A Case-control Study in a North Georgia Clinic*
Amanda Sue Niskar
- 118-S *Association between Lower-dose Arsenic Exposure from Drinking Water and High Blood Pressure in Bangladesh*
Yu Chen
- 119-S *The Impact of Age and Gender on Arsenic Methylation Capacity*
Kathleen Mc Carty

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- 120-S *Prenatal DDT Exposure and Fetal Growth*
Todd Jusko
- 121 *Traffic Density, Frequent Asthma Symptoms and Asthma Related Emergency Room Visit or Hospitalization*
Rudolph Rull
- 122 *Chlorination By-products in Drinking Water and the Risk of Adult Leukemia in Canada*
Patrick Levallois
- 123 *Physical Activity and Magnetic Field Exposure in Pregnancy: Implications for Association between Measured Fields and Pregnancy Outcome*
David Savitz
- 124 *Asbestos Exposure and Risk of Autoimmune Disease*
Curtis Noonan
- 125 *Reverse Environmental Justice: The Case of High Voltage Electric Power Transmission Lines*
Dan Wartenberg
- 126 *Establishment of a Prospective Cohort Study of Domestic Dogs in Western Massachusetts*
Elizabeth Bertone-Johnson
- 127-S *Particulate Air Pollution and the Rate of Stroke in 9 US Cities*
Gregory Wellenius
- 128-S *A Case-crossover Study of Fine Particulate Matter Air Pollution and Congestive Heart Failure Hospitalization*
J. Morel Symons
- 129 *Ambient Coarse Particulate Matter Associated with Hematologic Factors in Adult Asthmatic*
Karin Yeatts
- 130 *Asthma Symptoms and Airborne Particle Exposure among Children with Asthma in Detroit*
Marie O'Neill
- 131-S *Drinking Water and Toenail Arsenic Concentrations as Predictors of Bladder Cancer Risk*
Melissa Slotnick
- 132 *Drinking Water Disinfection By-product Exposure Misclassification and Incorporation of Water Use Data*
Michael Wright
- 133 *Maternal Thyroid Function and Lead Exposure during Pregnancy and Childhood IQ*
Pam Factor-Litvak
- 134 *Indoor Mold and the Risk of Wheeze in the First Year of Life for Infants at Risk for Asthma*
Paula Rosenbaum
- 135-S *Percolating on Parkinson Disease: The Effect of Dietary Caffeine Intake on Incident Parkinson Disease*
Sadie Costello
- 136 *Respiratory Symptoms and Household Conditions among the Residents Living Near Ground Zero after the September 11th Disaster*
Shao Lin
- INFECTION**
- 137 *Factors Associated with Susceptibility to Varicella among Children under 12 Years Old in Taiwan*
HsiuFen Tan
- 138 *Evaluation of Varicella Vaccination Program in Taiwan*
HungFu Tseng
- 139 *Long-term Effect of Clearing H. Pylori on Histopathological Lesions of the Stomach*
Robertino Mera
- 140 *Seroprevalence of West Nile Virus in Saskatchewan, 2003*
Tara Schellenberg
- 141-S *Comparisons of Community-acquired Methicillin-resistant Staphylococcus Aureus (CA-MRSA) Isolates with Hospital-acquired MRSA (HA-MRSA) in Sacramento*
Hsin Huang
- 142-S *Illness during Pregnancy is Associated with In Utero Human Immunodeficiency Virus Type-1 (HIV-1) Transmission*
Mary Redman
- 143-S *Effect of HAART on Repeated AIDS Events among Male HIV Seroconverters*
Lauren Cain
- 144-S *Effect of Tuberculosis on Mortality among HIV-infected Women*
Hugo Lopez-Gatell
- 145 *Hospitalization for Pneumonia among Aboriginal Compared to Non-Aboriginal people, Newfoundland and Labrador*
Reza Alaghehbandan
- 146-S *Factors Associated with Diabetes Prevalence among Subjects Chronically Infected with HCV in a Community-based Cohort in Japan*
Robert Suruki

TUESDAY, JUNE 28, 2005

7:30 a.m. – 5:30 p.m.	Registration	Frontenac Foyer
7:30 – 8:30 a.m.	Continental Breakfast	Metro East
8:30 – 10:00 a.m.	Plenary Session	Metro Centre/West
	Welcome Addresses: Loraine Marrett, Vice President CSEB Maureen Hatch, President SER David Savitz, Co-chair Jack Siemiatycki, Co-chair	
	Keynote Address: <i>Genes and Other Instruments: Strengthening Causal Inferences from Observational Studies</i> George Davey-Smith (Sponsored by CIHR - Institute of Infection and Immunity)	
10:00 – 10:30 a.m.	Break	Frontenac
10:00 – 10:30 a.m.	Judging – Poster Session 1	Frontenac
10:30 a.m. – 12:00 noon	Sessions 1	
	SYMPOSIUM - EPIDEMIOLOGY OF NEURODEGENERATIVE DISEASES Session Chair: Christina Wolfson	Pier 5
	Speakers: <i>MS Epidemiology: The Resurgence of EBV</i> Alberto Ascherio <i>Candidate Gene Approaches to Parkinson's Disease</i> Lorene Nelson <i>Unravelling the Complexity of Risk in Alzheimer's Disease</i> Richard Mayeux	
147	SYMPOSIUM - ESTIMATING SMALL EFFECTS WITH LARGE CONSEQUENCES: AIR POLLUTION AND CARDIOVASCULAR DISEASE Session Co-Chairs: Jonathan Samet and Aaron Cohen (Sponsored in part by Health Effects Institute)	Metro West
	Speakers: <i>From Scientific Evidence to Public Policy on Air Pollution</i> Jonathan Samet <i>A View from the Regulatory Side</i> Barry Jessiman <i>Approaches to Investigation of Air Pollution and CVD Risk</i> Joel Kaufman <i>Meeting the Methodologic Challenges of Studying Air Pollution and CVD</i> C. Arden Pope <i>Can the Methodologic Challenges Be Met?</i> James Robins <i>Concluding Remarks and Questions</i> Aaron Cohen	

TUESDAY, JUNE 28, 2005

SYMPOSIUM - METHODOLOGICAL ISSUES AND ADVANCES IN PHARMACOEPIDEMIOLOGY

Session Chair: Samy Suissa

Pier 4

Speakers:

Methods of Measuring and Attaining Drug Prescribing Improvement

Malcolm Maclure

Comparison of Dynamic Treatment Regimes via Weighting: An Application to Antiretrovirals and AIDS

Miguel Hernan

Instrumental Variables Methods to Assess the Risks and Benefits of Selective COX-2 Inhibitors in Claims Database Studies

Sebastian Schneeweiss & Alan Brookhart

Immortal Time Bias in Observational Studies of Drug Effects

Samy Suissa

148

SYMPOSIUM - SPACE, GEOGRAPHY, NEIGHBORHOODS AND SOCIAL EPIDEMIOLOGY: NEW METHODS AND CONCEPTS

Harbour B-C

Session Chair: Patricia O'Campo

Speakers:

Zooming in on Health Geography: Context-based GIS Approaches to Increasing Resolution and Clarity of Spatial Analysis

Nadine Schuurman

Using Neighborhood-level Social, Environmental, and Spatial Information to Conduct Ecological Vaccine Trials

Michael Emch

Discussants:

Jim Dunn

Jay Kaufman

587*

SYMPOSIUM - "THE CHANGING FACE OF EPIDEMIOLOGY"

Harbour A

(sponsored by the Editors of EPIDEMIOLOGY)

Part I. Declining Rates of Participation in Population-based Research: How Bad is the Problem, and What is the Solution?

Session Chairs: David Savitz, Editor, and Patricia Hartge

Speakers:

How Big is the Problem?

Patricia Hartge

Current Experience: The Survey Research Perspective

Jack Cahill

Community-Based Designs

Leslie Bernstein

Problems and Solutions on Both Sides of the Border

Richard Gallagher

Honest Answers: The Experiences of Researchers, Reviewers and Editors

David Savitz

*abstract out of order due to programmatic change

149

KHOURY SYMPOSIUM CANCELLED

12:00 – 1:30 p.m.

Lunch (on your own)

12:30 – 2:00 p.m.

STUDENT SESSION: Careers in Epidemiology: A Panel Discussion

Pier 2-3

Christopher Corcoran, Utah State University

Sara Frise, Astra Zeneca Pharmaceutical Company

Amanda Sue Niskar, Centers for Disease Control and Prevention

TUESDAY, JUNE 28, 2005

12:15 – 1:15 p.m.

Roundtables 1

By ticket only

Establishing a Population-based Cohort to Meet Future Research Needs

Heather Bryant

Effective Ways of Measuring Physical Activity in Epidemiologic Studies

Cora Lynn Craig

Response Rates in Population Research

Patricia Hartge

When Should Epidemiologists Persist and When Should They Drop an Issue: EMF as an Example

David Savitz

Cohort and Case-control Designs for Molecular Epidemiology

Sholom Wacholder

1:30 – 3:00 p.m.

Sessions 2

SYMPOSIUM - BIAS MODELING (PART 1)

Metro West

Session Chair: Malcolm Maclure

Moderator: Malcolm Maclure

Discussants:

James Robins

Donna Spiegelman

CONTRIBUTED - EPIDEMIOLOGY AND POLICY

Pier 4

Session Chair: Michel Ibrahim

150

Suicide Attempts and Associated Factors in Newfoundland and Labrador, 1998-2000

Reza Alaghebandan

151-S

Ethnic and Gender Differences in Cigarette Smoking Prevalence among Six Major Asian American Subpopulations in California

Ning An

152

WITHDRAWN

153

Effectiveness of Quarantine: Did it Prevent Further Transmission of SARS in the 2003 Toronto Area Outbreak?

Elizabeth Rea

154-S

Unmet Need among Physically Disabled Fee-for-service Medicaid Enrollees

Susan Wieland

CONTRIBUTED - EXPOSURE ASSESSMENT IN OCCUPATIONAL EPIDEMIOLOGY: FROM USING THE BEST CURRENT METHODS TO FUTURE METHODS

Harbour A

Session Chair: Claire Infante-Rivard

155

Reduced Lung Cancer Risk Associated with Cotton Dust Exposure in Women Textile Workers in Shanghai, China

Harvey Checkoway

156

Retrospective Occupational Hygiene Assessments in Compensation Claims Relevant to Epidemiology

Lou Riklik

157

Antinuclear Antibody Detection and Bromoxynil Exposure in a Sample of Rural Men and Women during Spring Herbicide Application

Karen M. Semchuk

158

Nested Case-control Study of Occupational Physical Activity and Prostate Cancer Using a Job Exposure Matrix

Anusha Krishnadasan

Discussants:

Igor Burstyn

Robert Park

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CONTRIBUTED - PERINATAL DETERMINANTS OF PEDIATRIC OUTCOMES

Pier 5

Session Chair: K.S. Joseph

- 159 *Birth Weight and Infant Growth: 'Catch-up' versus 'Slow-down' Growth*
Xu Xiong
- 160 *Maternal Smoking is Associated with Increased Odds of Childhood Overweight*
Andrea Sharma
- 161-S *Postterm Delivery and Risk of Epilepsy in Childhood*
Vera Ehrenstein
- 162-S *School Achievement in a Regional Cohort of Children Born Very-low Birthweight*
Erika Hagen
- 163-S *Birth Size, Adult Height and Intelligence: A Population Based Cohort Study*
Martha Eide

**CONTRIBUTED - REACHING THE HARD-TO-REACH AND ADDRESSING THE UNMENTIONABLE
IN BEHAVIORAL EPIDEMIOLOGY**

Queen's Quay

Session Chair: Lise Gauvin

- 164 *Adolescent Depressive Symptoms and Interpersonal Violence*
Sean Cleary
- 165 *Health Behaviors of Manitoba First Nation Youth: The Manitoba First Nations Regional Longitudinal Health Survey 2002*
Brenda Elias
- 166 *Sampling Methods for HIV Behavioral Surveillance: Reaching Populations at High Risk*
Amy Lansky
- 167 *High Risk Behaviour and Various Practices of Truck Drivers Regarding HIV/AIDS and STD*
Sandeep Bhalla
- 168 *Relationship of Sexual Risks and Prevention Practices with Individuals' Stigmatizing Beliefs towards HIV-infected Individuals: A Propensity Score Analysis*
Hongjie Liu

CONTRIBUTED - SOCIOECONOMIC STATUS AND CANCER

Harbour B-C

Session Chair: Patti Groome

- 169 *Community Resources and Total Cancer Mortality for U.S. Males and Females, 1993-2001*
Shanita Williams-Brown
- 170 *Childhood Leukemia and Socioeconomic Status in Canada*
Marilyn Borugian
- 171 *A Multilevel Analysis of Socioeconomic Status and Prostate Cancer Risk*
Maureen Sanderson
- 172 *A Multilevel Prospective Study of Regular Mammography Use in the Black Women's Health Study*
Lynn Rosenberg
- 173 *Demographic Differences between Cancer Survivors and Those Who Die Quickly*
Suzanna Keller
- 174 *Ethnicity, Poverty, Rural Residence and Cervical Cancer Survival in Texas, 1995-2001*
Katherine Eggleston

3:00 – 3:30

Break

Frontenac

3:30 – 5:00 p.m.

Sessions 3

SYMPOSIUM - BIAS MODELING (PART 2)

Metro West

Session Chair: Malcolm Maclure

Moderator:

Malcolm Maclure

Discussants:

Sander Greenland

Donald Rubin

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CONTRIBUTED - CANCER SCREENING

Pier 4

Session Chair: Pam Marcus

- 175 *Potential Confounding of the Association between Screening Arm and Cancer Mortality in Population-based Screening Trials by Screening Test-related Factors*
Ilana Gareen
- 176 *Knowledge about, and Perceived Risk of, Colorectal Cancer: Potential Barriers to Screening Uptake*
S Elizabeth McGregor
- 177 *Exploring Breast Cancer Screening Behavior and Viable Media Outlets to Reach Low-income Black Women Aged 40-64 Years*
Ingrid Hall
- 178 *Prevalence and Predictors of Breast and Cervical Cancer Screening: Results from the 2003 National Health Interview Survey*
Zakia Coriaty Nelson
- 179 *The First 18 Months of the Alberta Cervical Cancer Screening Program (ACCSP)*
Zeva Mah

CONTRIBUTED - ENVIRONMENTAL EPIDEMIOLOGY

Harbour B-C

Session Chair: Matthew Longnecker

- 180 *Ventilation System-related Risk Factors and Symptoms among Occupants in U.S. Office Buildings: Results from the BASE Study*
Mark Mendell
- 181 *Inflammatory Markers and Air Pollution: Characterizing the Pathway to Disease*
Ariana Zeka
- 182 *A Birth Cohort Study of Air Pollution and Childhood Respiratory Health*
Irva Hertz-Picciotto
- 183 *δ -aminolevulinic Acid Dehydratase Variant, Lead Exposure and Cognition in Older Men*
Jennifer Weuve
- 184 *Exposure to Volatile Organic Compounds and Neurobehavioral Effect*
Tiejian Wu

CONTRIBUTED - EPIDEMIOLOGIC INSIGHTS INTO COGNITIVE DECLINE IN OLDER PERSONS

Pier 2-3

Session Chair: Jay Magaziner

- 185 *Risk Factors for Transitions to Dementia: Findings from the Nun Study*
Suzanne Tyas
- 186-S *Modifying Effects of the Hemochromatosis Variants on Lead Burden and Cognitive Decline*
Florence Wang
- 187 *State Characteristics and Old Age Cognitive Function*
Maria Glymour
- 188-S *Physical Activity and the Risk of Dementia in Oldest Old*
Aleksandra Sumic
- 189-S *The Temporal Relationship between Depression and Cognitive Functioning in Older Medical Patients: Prospective or Cross-sectional?*
Ling Han

Discussant:

Kenneth Rockwood

CONTRIBUTED - LIFE COURSE STUDIES OF PSYCHIATRIC DISORDERS: CRITICAL TIMES AND CUMULATIVE EFFECTS

Harbour A

Session Chair: Ezra Susser

- 190 *Incidence of Postpartum Psychosis in Women with and without Pre-pregnancy Psychiatric Hospitalizations*
Bernard Harlow
- 191 *Religious Participation and Lifetime Prevalence of Psychiatric Disorder*
Joanna Maselko
- 192 *Head Irradiation in Childhood and Risk of Schizophrenia*
Raz Gross
- 193-S *Schizophrenia and the City: Intra-urban Residential Mobility of Individuals with Severe Mental Illness*
Aynsle Hinds

TUESDAY, JUNE 28, 2005

CONTRIBUTED - LONG-TERM EFFECTS OF EARLY-LIFE EXPOSURES

Queen's Quay

Session Chair: Mark Klebanoff

- 194 *Assisted Reproductive Techniques and Selected Major Birth Defects: Data from the NBDPS, 1997-2001*
Jennita Reefhuis
- 195-S *Long-term Ability, Disability and Mortality among Males with Birth Defects: Population-based Cohort Study, 1967-1999*
Martha Eide
- 196 *Maternal Hormone Levels and Cryptorchism*
Katherine A. McGlynn
- 197-S *Socioeconomic Status and Age at Menarche among a Racially Diverse Population of New York Girls*
Tamarra James
- 198 *Prospective Study of Testicular Cancer in Relation to Maternal Serum Levels of DDT-related Compounds: The Child Health and Development Studies*
Barbara Cohn

CONTRIBUTED - RACE/ETHNICITY AND CVD RISK FACTORS, TREATMENT AND OUTCOME

Pier 5

Session Chair: Murray Mittleman

- 199-S *WITHDRAWN*
- 200 *Have Income and Education Related Disparities in Cardiovascular Disease Risk Factors Improved in the United States?*
Sanjat Kanjilal
- 201 *Racial Differences in Incidence of and Survival from Out-of-hospital Cardiac Arrest in New York City*
Sandro Galea
- 202 *C-reactive Protein Levels Vary by Ethnicity in the Study of Women's Health across the Nation (SWAN)*
Alyson Kelley
- 203 *The Risk of Hypertension Associated with Very High BMI in the Black Women's Health Study*
Yvette Cozier

5:00 – 6:00 p.m.

Free Time

5:00 – 6:00 p.m.

SER-Student Caucus Business Meeting

Pier 2-3

6:00 – 7:30 p.m.

Poster Session 2 and Reception

Frontenac

DIABETES

- 204 *The Lipid Accumulation Product is Better Than Body Mass Index for Identifying Diabetes*
Henry Kahn
- 205-S *Dairy, Magnesium and Calcium Intake in Relation to Insulin Sensitivity: The Insulin Resistance Atherosclerosis Study (IRAS)*
Bo Ma
- 206 *Spatial Association between Diabetes Rates and Environmental Factors in Toronto*
Peter Gozdyra
- 207 *Aspirin, but Not Other NSAIDs, Reduces the Risk of Developing Type 2 Diabetes*
Yasuaki Hayashino
- 208-S *Maternal Recall of Birth Weights of Youth with and without Diabetes: Validation by State Birth Certificate Records*
Kendra Vehik
- 209-S *Obesity and the Risk of Type 2 Diabetes in U.S. Black Women*
Supriya Krishnan
- 210 *Trends in the Prevalence of Diabetes Mellitus by Race/Ethnicity and Educational Attainment*
Florence Dallo
- 211-S *Household Wealth and the Metabolic Syndrome in the Whitehall II Cohort*
Claudia Langenberg
- 212 *Patterns of Time-dependent Insulin Blood Levels during the Oral Glucose Tolerance Test in Korean Subjects*
HS. Min
- 213 *The Burden and Impact of Complications from Diabetes in Canada: Improved Surveillance for Better Prevention*
Marie DesMeules

TUESDAY, JUNE 28, 2005

- 214-S *Plasma Ferritin and Incident Type 2 Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study*
Megan Jehn
- 215 *Demographic and Health Factors Associated with Physical Activity in Adults with Type 1 or Type 2 Diabetes*
Nicholas Birkett

FEMALE CANCER

- 216-S *Amount of Alcohol, Drinking Pattern and Breast Cancer among Danish Nurses*
Lina Steinrud Morch
- 217 *Cigarette Smoking and Risk of Breast Cancer in the Black Women's Health Study*
Julie Palmer
- 218 *Dairy Products and Ovarian Cancer Risk: Results from the Netherlands Cohort Study*
Monique Mommers
- 219-S *Parental Age at Delivery and the Incidence of Breast Cancer*
Fei Xue
- 220 *Race/Ethnicity Modifies the Risk of HER-2/NEU Positive Breast Cancer*
Azadeh Stark
- 221 *Physical Activity and Breast Cancer Risk: Results from the E3N Cohort Study*
Bertrand Tehard
- 222 *Wine Consumption and Breast Cancer Risk*
Hazel Nichols
- 223-S *Use of Postmenopausal Hormones and Ovarian Cancer Risk*
Kim Danforth
- 224 *Endometrial Cancer and Childbirth at Older Ages*
Maura Whiteman
- 225 *Long Term Smoking and Smoking before the First Full-term Pregnancy: Critical in Breast Cancer Risk?*
Michael Conlon
- 226 *Association of Lifestyle Factors and Mammographic Density in a Pre/perimenopausal Cohort*
Nina Oestreicher
- 227-S *Association between Plasma C-reactive Protein Concentration and Subsequent Breast Cancer*
Sonia Singh
- 228 *Nonsteroidal Anti-inflammatory Drug Use and Breast Cancer Risk by Hormone Receptor Status*
Victoria Kirsh

HEALTH SERVICES

- 229 *Prevalence of Adverse Events in Acute Care: Pressure Ulcer Risk & Occurrence over Ten Years*
Elizabeth VanDenKerkhof
- 230 *A Comparative Analysis of Chiropractic and General Practitioner Patients in North America: Findings from the Joint Canada/United States Survey of Health, 2002-03*
Eric Hurwitz
- 231 *Operating a Mass Influenza Vaccination Clinic Using the Strategic National Stockpile Model Five Days after the Vaccine Shortage Announcement: An Epidemiologic Analysis*
Derek Moore
- 232 *Patient Satisfaction with Primary Health Care in Prince Edward Island*
Ashwani Tiwari
- 233-S *WITHDRAWN*
- 234-S *Physicians' Utilization of an Electronic Medication History (EMH) for Vulnerable Populations*
Yuko Kawasumi
- 235-S *The Use of Health Care Services Following a Workplace Injury: A Study of Workers and Their Families in British Columbia*
Judy Brown
- 236 *Physician Recommendation for Colorectal Cancer Screening among Men and Women in the United States, 2000*
Steven Coughlin
- 237 *Health Service Factors in Relation to Patient Satisfaction and Quality-of-life among Persons Attending Chronic Disease Clinic in South Trinidad*
Selby Nichols
- 238 *Interaction of Social Anchorage and Gender in the Use of Mental Health Services*
Aline Drapeau
- 239 *Incidence of Influenza in Ontario Following the Universal Influenza Immunization Campaign*
Dianne Groll

TUESDAY, JUNE 28, 2005

- 240 *Secular Trends in Chickenpox Hospitalizations 1993-2002*
Donald Schopflocher
- 241-S *How Often, and for What Reasons, Do People with Mental Illness Use Health Care Services? A Population-based View*
Elaine Burland
- 242-S *What Factors were Predictive of a Rheumatology, Orthopedic Surgery or General Internal Medicine Encounter for Arthritis and Rheumatism-related Conditions in Ontario?*
Eleanor Boyle
- 243 *Socio-demographic Differences in Emergency Room Utilization by Asthma Patients in Miami, Florida*
Gilbert Saint-Jean
- 244-S *Factors Influencing Physician Prescription of Antibiotic Therapy: Use of Conjoint Analysis*
Jessina McGregor
- 245 *Analyzing the Relationship between Income Inequality and Health: Determining the Determinants for Policy and Program Decisions*
Katharina Kovacs Burns
- 246 *Validity of Touch Screen Computers for Preventive Services Screening in Primary Care: Assessment of Screening for Intimate Partner Violence*
Louise-Anne McNutt
- 247-S *The Relationship between Financial Barriers to Glucose Monitoring in Diabetes*
Rashida Dorsey
- 248 *Age, Sex and Season as Determinants of Hospital Use and Mortality in Chronic Obstructive Pulmonary Disease (COPD) in Canada, 1979-2000*
Ru-Nie Gao
- 249-S *Clinical Comorbidity in Older Patients with Osteoarthritis and Associations with Physical Function: A Population-based Cohort Study in Primary Care, United Kingdom*
Umesh Kadam

INJURY

- 250 *Sports-related Violence: A Unique but Unstudied Subset of Violence*
Christy Knox
- 251 *Epidemiology of Extraplural Fractures in Acute Spinal Cord Injury*
Yuying Chen
- 252 *Suicide by Burns among Adolescents in Kurdistan, Iran: An Increasing Mental Health Problem*
Nazila Khanahmadi
- 253 *Is Sports-related Violence a Public Health Issue or is it "Just Part of the Game?"*
R. Dawn Comstock
- 254 *Fatal Wrong-way Collisions on New Mexico's Interstate Highways, 1990-1999*
Sarah Lathrop
- 255 *Surveillance of Injury Burden and Risk Factors for Agricultural Injury among Children and Youth: Regional Rural Injury Study - II*
Susan Gerberich
- 256-S *Injuries among Canadian Aboriginal On-reserve Children and Youth: Findings from the First Nations and Inuit Regional Health Survey*
Amanda Ritchie
- 257-S *Frequency and Determinants of Recommended Workplace Violence Prevention Measures*
Myduc Ta
- 258 *The Relationship between Impairment, Activity Limitations and Recovery from Traffic-related Musculoskeletal Injuries*
Pierre Cote

METHODS

- 259 *CD4 T-cell Trajectory among HIV-infected Men and Women on Long Term Highly Active Antiretroviral Therapy: An Application Using a Bayesian Random Change Point Model*
Haitao Chu
- 260 *Vision for a Global Registry of Anticipated Public Health Studies (GRAPHS)*
Bernard Choi
- 261-S *The Use and Misuse of "Optimal" Cut-points*
Neil Perkins
- 262 *Subject Ascertainment Strategies Associated with a Culturally-specific, Community-based Capital Investment Model*
Christopher Edwards

TUESDAY, JUNE 28, 2005

- 263-S *Access to an Educational Colorectal Cancer Website and Subject Participation in the Ontario Familial Colorectal Cancer Registry (OFCCR)*
Alison Tucker
- 264-S *Adult Recall of Adolescent Diet: A Validation Study*
Sonia Maruti
- 265-S *Methodological Differences Influencing Treatment Effect*
Sanjit Kaur Bhogal
- 266-S *Concealed Allocation: An Under-reported and Misunderstood Component of Trial Methodology in Stroke Rehabilitation*
Norine Foley
- 267 *Towards a Darwinian Epidemiology of Variability*
Maria Ines Azambuja
- 268-S *Effect of Gender, Age and Severity of Asthma Attack on Patterns of Emergency Department Visits Due to Asthma by Month and Day of the Week*
Akerke Baibergenova
- 269-S *Insufficient Reporting and Indexing of Exposures Limit MEDLINE Searches for Observational Studies of Adverse Effects*
Susan Wieland
- 270 *Analysis of Bidirectional Recurrence Times*
Stephen Cole
- 271-S *We Are Bayesian; But Do We like a Bayesian Report?*
Hossein Bahrami
- 272 *Postoperative Risk of Mortality after Coronary Artery Bypass Graft (CABG) Surgery in Canada; The EuroSCORE and the STS Algorithms*
Forough Farrokhyar
- 273 *Participation in Epidemiologic Studies: Survey of Practice*
Patricia Hartge
- 274 *Maintaining Quality Control in a Large Scale Randomized Controlled Trial in the Amazon Region of Peru*
Theresa Gyorkos
- 275 *Modeling Smoking History Using an Overall Indicator of Exposure*
Karen Leffondr
- 276 *Simulations for the Comparison and Validation of Imputation Methods for Missing Diagnoses of Lifetime Disorders*
Michal Abrahamowicz
- 277-S *Exposure Measurement in Smoking Attributable Mortality Estimates*
Dolly Baliunas
- 278-S *A Simulation Program for Epidemiologists, by Epidemiologists*
Ulka Campbell
- 279-S *Using Item Response Theory (IRT) to Develop Measures of Asthma Control*
Sara Ahmed
- 280 *Analytic Bounds on Causal Risk Differences in Structures Involving Three Measured Binary Variables*
Jay Kaufman
- 281 *Applying Scan Statistics to Reportable Communicable Disease Data for Routine Cluster Detection*
Alice Yeung
- 282 *Identification of Vulnerable-to-heat Population: Case-only Approach*
Antonio Russo
- 283 *Development of Epidemiological Databases as Standalone Applications*
Arnold Sher
- 284 *How One of the First Introductory Epidemiology Textbooks Differs from Today's Treatments*
B. Gerstman
- 285 *Assessing Estimates of Effect Using a Meta-analysis of Published Summary Estimates and a Pooled Analysis of Individual Study Data*
Dhelia Williamson
- 286-S *Semi-Bayes Models: An Empirical Comparison of Modeling Approaches in a Study of Lung Cancer and Occupational Chemicals*
Franco Momoli
- 287 *Evaluating the Association between U.S. State of Origin and Mormon Religious Affiliation in a Records-Based Mortality Study*
Jenneh Burphy
- 288 *Informative vs. Non-informative Cases: Implications for Design and Analyses of Case-crossover Studies*
Jiu-Chiuan Chen

TUESDAY, JUNE 28, 2005

- 289-S *An Application of Survival Analysis Methods to the Study of Infant Birthweight*
Katherine Hoggatt
- 290 *Quality of Exposure Estimates, Exposure Rate, and Time Since Exposure in Studies of Uranium Miners*
Ladislav Tomasek
- 291 *Estimation of Bias in "Mendelian Triangulation" Studies*
Leonelo Bautista
- 292-S *Possible Alternatives to Random Digit Dialing for Obtaining Controls in Epidemiologic Studies*
Mary Stone
- 293 *Methods for Competing Risks with Frequently Tied Event Times*
Robert Glynn
- 294 *Strategies for Successfully Maintaining a Longitudinal Study: The Manitoba Follow-up Study, 1948-2005*
Robert Tate
- 295 *Using Area Sampling to Locate Controls*
Sara Olson
- 296 *The Decision to Discontinue the Celecoxib Intervention in the SOX Trial: Process and Implementation*
Tatiana Vydykhan
- 297-S *Using Logistic Regression-based Extension of the Transmission Disequilibrium Test (TDT) and Quantitative TDT Methods in Identifying Candidate Genes: An Example from Pediatric Tuberculosis*
Tewodros Eguale
- 298 *Performance of Propensity Score Calibration (PSC)*
Til Sturmer
- 299 *An Image-based Recognition System for Melanocytic Nevi: An Aid for Studying Melanoma Risk*
Tim Lee
- 300 *External Validation of Medicare Claims for Breast Cancer Chemotherapy Compared to Medical Chart Reviews*
Xianglin Du
- 301 *Rate of Full Publication and Time to Full Publication of Observational Studies*
Yuan-I Min
- 302 *Design Effect of the Rapid Surveys Conducted in Los Angeles County*
Magda Shaheen
- 303 *Characterizing Aging Profiles: An Application of the Grade of Membership (GoM) Model*
Constance Wang
- NEURODEGENERATIVE**
- 304 *Recent Use of Oral Contraceptives and the Risk of Multiple Sclerosis*
Alvaro Alonso
- 305-S *Benefits of Fatty Fish on Dementia Risk are Stronger for Those without APOE ε4*
Tina Huang
- NUTRITION**
- 306 *Weight Regain in Persons Successful at Substantial Weight Loss, 1999-2002*
Edward Weiss
- 307-S *Magnesium Intake, C-reactive Protein, and the Prevalence of Metabolic Syndrome in Middle-aged and Older US Women*
Yiqing Song
- 308 *The Prevalence of Anemia, Folate Deficiency, and Vitamin B12 Deficiency among Chinese Women of Child-bearing Age: The Sino-US Birth Defects Prevent*
Ling Hao
- 309 *Adult Obesity and Chronic Diseases in Canada*
Wei Luo
- 310 *Association between Carbohydrate Intake and Serum Lipids*
Yunsheng Ma
- 311 *Development of a Semi-quantitative Food Frequency Questionnaire for Use in United Arab Emirates and Kuwait*
Mahshid Dehghan
- 312 *Intake of Specific Carotenoids and Risk of Ovarian Cancer in a Pooled Analysis of Cohort Studies*
Anita Koushik
- 313-S *Dietary Supplement Use among Elderly Participants of the Cache County Study on Memory, Health and Aging*
Diana Lewis

TUESDAY, JUNE 28, 2005

- 314 *The Prevalence of High Intake of Vitamin E from the Use of Supplements among US Adults*
Earl Ford
- 315-S *Predictors of Plasma Vitamin and Carotenoid Levels in a Healthy Pediatric Population*
Heather Brady
- 316-S *Using Reported Physical Activity to Identify Invalid Reporting of Energy Intake (EI) in The Alberta Cohort Study*
Ilona Csizmadi
- 317 *Association between Body Mass and Colon Cancer*
Kenneth Adams
- 318-S *Comparison of Children's Diets as Reported by the Child via the Youth/Adolescent Questionnaire and the Parent via the Willett Food Frequency Questionnaire*
Molly Lamb
- 319 *Characteristics of Nutritional Supplement Users in the Alberta Cohort Study: A Prospective Study of Diet, Lifestyle and Cancer*
Paula Robson
- 320 *Metabolic Syndrome Prevalence and Related Factors in the Korean Health and Genome Study*
SJ Park
- 321-S *The Relation between Choline Intake and Homocysteine Concentration*
Stephanie Chiuve
- 322-S *Self-reported Height, Half Arm Span and Total Arm Span as Predictors of Body Height in Hospitalized Adults*
Vivian Cristine Luft

OCCUPATIONAL

- 323 *WITHDRAWN*
- 324 *WITHDRAWN*
- 325 *Maternal Occupation and Oral Clefts in Norway*
Ruby Nguyen
- 326 *Decreases in Occupational Exposure to Ionizing Radiation among Canadian Dental Workers*
Michael Garner
- 327 *Occupational Exposures and Hand Grip Strength*
Luenda Charles
- 328 *Reducing Risk of Exposure to Bloodborne Pathogens among Healthcare Workers Employed in Correctional Facilities*
Everett Lehman
- 329 *Occupation as a Risk Factor for Female Breast and Reproductive Cancer Mortality in British Columbia, Canada, 1950 - 1994*
Amy MacArthur
- 330 *Obesity Rates and Their Trends in 41 US Occupational Groups*
Orlando Gomez-Marin
- 331 *Causes of Mortality in a British Columbia Cohort of Registered Nurses*
Helen Ward
- 332 *Cancer Risk among British Columbia Registered Nurses*
John Spinelli
- 333-S *Work Organization and Work-related Musculoskeletal Disorders for Sewing Machine Operators in Garment Industry*
Pin-Chieh Wang
- 334-S *WITHDRAWN*
- 335 *Malathion Exposure and Cancer Incidence in the Agricultural Health Study (AHS)**
Matthew Bonner
- 336-S *The Healthy Worker Survivor Effect in the Vermont Granite Workers Study*
Katie Miller
- 337 *Gloves Reduce Needlesticks and Other Sharps Related Injuries in Healthcare Workers: Results from a Case-crossover Study*
David Fisman
- 338-S *Occupational Risk Factors for Endometrial and Ovarian Cancers among Textile Workers in Shanghai, China*
Karen Wernli

TUESDAY, JUNE 28, 2005

- 339 *Factors Associated with Musculoskeletal Outcomes among Health Care Workers: A Multilevel Analysis*
Donald Cole
- 340 *Pesticides Associated with Wheeze among Commercial Pesticide Applicators in the Agricultural Health Study*
Jane Hoppin
- 341 *The Burden of Occupational Cancer in Ontario: Focus on Mesothelioma*
Erin Pichora
- 342-S *Quasi-experimental Evaluation of a Workplace Ergonomic Intervention*
Irina Rivilis
- 343 *Epidemiological Evidence for Developing a New Paradigm for the Common Musculoskeletal Disorders*
Kurt Hegmann
- 344-S *Classifying Low Back Pain: A Proposal for Four Outcome Types*
Lauren Griffith
- 345-S *Shoulder Impingement in a Working Population*
Matthew Thiese
- 346 *Search for Thresholds and Other Non-linearities in the Hexavalent Chromium: Lung Cancer Exposure Response*
Robert Park
- 347 *Is There a Correlation between Variability and Level of Exposure that Biases Risk Estimates in Occupational Epidemiology?*
Igor Burstyn
- PHARMACOEPI**
- 348 *Vitamin or Supplement Use among Adults, Behavioral Risk Factor Surveillance System, 13 States, 2001*
Lina Balluz
- 349 *Effect of Deferred Antiretroviral Therapy on Disease Progression and Survival in HIV Seroconverters*
Michele Jonsson Funk

WEDNESDAY, 6/29/2005

- 7:30 – 8:30 a.m. STUDENT SESSION: **BREAKFAST WITH THE EXPERTS**
Stephen Cole, Johns Hopkins University
Irva Hertz-Piccotto, University of California
Anita Kinney, University of Utah
Nancy Krieger, University of Toronto
Simin Liu, Harvard University
David Savitz, University of North Carolina
- 7:30 a.m. – 5:30 p.m. **Registration** **Frontenac Foyer**
- 7:30 – 8:30 a.m. **Continental Breakfast** **Frontenac**
- 8:30 – 10:00 a.m. **Sessions 4**
- CONTRIBUTED - **BIAS IN REGRESSION ANALYSIS OF EPIDEMIOLOGICAL DATA**
Session Chair: Trivellore Raghunathan **Pier 4**
- 350-S *Bayesian Sensitivity Analysis for Unmeasured Confounding in Observational Studies*
Lawrence McCandless
- 351 *Attenuation in Risk Estimates in Logistic and Cox Proportional-hazards Models Due to Group-based Exposure Assessment Strategy*
Hyang MI Kim
- 352 *Causal Effects on Conditional Distributions: Estimation and Confounding*
Marshall Joffe
- 353 *An Alternative Method of Analysis for Studies of Recall Bias*
Bart Harvey
- 354-S *Is it Safe to Omit a Strong but Balanced Covariate from a Proportional Hazards Model?*
Khajak Ishak
- CONTRIBUTED - **ECLECTIC METHODOLOGY: RIGOR VS REVELANCE IN EPIDEMIOLOGY APPLIED TO POLICY**
Session Chair: Malcolm Maclure **Metro West**
- 355 *A Call for Analytic Methods that Match Theory: Analytic Suggestions for an Interdisciplinary Life Course Approach in Epidemiologic Research and Public*
Constance Wang
- 356 *Resurgence of Neural Tube Defects Following a Change in Policy Regarding Premarital Health Examinations in Shijiazhuang, China: The Sino-US Birth Defects Prevention Project*
Rongwei Ye
- 357 *Developing a Methodology for Second-generation HIV Surveillance (SGS/HIV) in Developing Countries*
Edit Akom
- 358 *Program Characteristics Related to Vaccine Uptake by Healthcare Workers during the National Smallpox Pre-event Vaccination Program*
Megan Lindley
- CONTRIBUTED - **EPIDEMIOLOGIC RESEARCH INTO NEUROLOGICAL DISORDERS**
Session Chair: Christina Wolfson **Queen's Quay**
- 359 *Night Shift Work and Risk of Parkinson's Disease*
Honglei Chen
- 360-S *Neurodegenerative Disease Mortality in Vietnam Veterans Exposed to Phenoxy Herbicides*
Carrie Tomasallo
- 361 *The Incidence of Multiple Sclerosis among First Nations People in Alberta, Canada*
Larry Svenson
- 362-S *Prospective Study of Diabetes, Gender, and Subsequent Risk of Alzheimer's Disease: The Cache County Study on Memory, Health, and Aging*
Gene Charoonruk
- 363 *Insomnia and Daytime Sleepiness: Risk Attributable to Restless Legs Syndrome, BMI, Smoking, and Alcohol among VA Outpatients*
Claire Bourguet

WEDNESDAY, 6/29/2005

CONTRIBUTED - **ETHNICITY, RACIAL BIAS, AND HEALTH SERVICES**

Harbour A

Session Chair: Jean-Francois Boivin

- 364 *Racial Disparities in Lipid Management in Patients with Diabetes*
Manel Pladevall
- 365 *Influence of the Experience of Racism on Health Care System Use and Individual Health Behaviors*
Sarah Boslaugh
- 366-S *Measuring Implicit Racial Bias: Using the Implicit Association Test in Health Services Research*
Janice Sabin
- 367 *A Linkage Follow-up Study of Health and Health Service Utilization among Canada's Immigrant Populations*
Sarah McDermott
- 368-S *WITHDRAWN*

CONTRIBUTED - **FROM LIFESTYLE TO CANCER: ARE THERE COMMON PATHS FOR MULTIPLE CANCERS?**

Harbour B-C

Session Chair: Gail Eyssen

- 369 *Metabolic Abnormalities and Risk for Colorectal Cancer (CRC) in the Physicians' Health Study (PHS)*
Til Sturmer
- 370 *Insulin, Glucose, Insulin Resistance, and Pancreatic Cancer in Male Smokers*
Rachael Stolzenberg-Solomon
- 371 *Physical Activity, Obesity and the Risk of Non-Hodgkin's Lymphoma: A Population-based Case-control Study*
Sai Yi Pan
- 372 *Is Occupational Physical Activity Associated with Cancer Risk among Men?*
Marie-Elise Parent
- 373 *Glycemic Load, Glycemic Index and the Risk of Breast Cancer among Mexican Women*
Martin Lajous

CONTRIBUTED - **MOMS & BABES: PREDICTORS OF ADVERSE PREGNANCY OUTCOMES**

Pier 5

Session Chair: Irva Hertz-Picciotto

- 374 *A Prospective Study of Active Living during Pregnancy and Gestational Diabetes Mellitus among Latina Women*
Lisa Chasan-Taber
- 375-S *Association between Infant Birth Weight and Maternal Cardiovascular Risk Factors: The Health, Aging and Body Composition Study*
Janet Catov
- 376-S *Neonatal Mortality in Term Twins with Advancing Gestational Age*
Qiuying Yang
- 377 *Folic Acid Deficiency as a Cause of Facial Clefts*
Allen Wilcox
- 378-S *Maternal Use of Selective Serotonin Re-uptake Inhibitors and Risk for Birth Defects*
Sura Alwan

CONTRIBUTED - **SHEDDING LIGHT ON GENE-ENVIRONMENT INTERACTIONS**

Pier 2-3

Session Chair: John McLaughlin

- 379 *A Genetic Epidemiology Design Using Parents and Grandparents (1-2-4 design) to Study the Contribution of Transmitted Genes and Maternal Effects Expressed during Pregnancy in Childhood Leukemia*
Claire Infante-Rivard
- 380-S *Hepatic Lipase Gene Polymorphism, Pre-pregnancy Overweight Status and Risk of Preeclampsia among Peruvian Women*
Daniel Enquobahrie
- 381 *The Pro12Ala Polymorphism of Peroxisome Proliferator-activated Receptor-gamma Gene and Risk of Colorectal Cancer in a Korean Population*
Dong-Hyun Kim
- 382 *Aryl Hydrocarbon Receptor SNP AHR Modifies the Effect of Pesticide Use on Prostate Cancer in South Carolina*
Corinne Aragaki
- 383 *WITHDRAWN*

10:00 – 10:30 a.m.

Break

Frontenac

WEDNESDAY, 6/29/2005

10:00 – 10:30 a.m. **Judging - Poster Session 2** **Frontenac**

10:30 a.m. – 12:00 noon **Sessions 5**

384 **SYMPOSIUM - DID EPIDEMIOLOGY DELAY PROGRESS IN CERVICAL CANCER PREVENTION?**
Session Chair: Eduardo L. Franco **Pier 5**
(Sponsored by the International Epidemiology Association)

Speakers:

A Timeline in Cervical Cancer Prevention: Did Epidemiology Help?

Eduardo L. Franco

The Importance of Epidemiologists' Cautiousness

Howard D. Strickler

The Perils of Changing the Existing Paradigm of Cervical Cancer Prevention

Matti Hakama

SYMPOSIUM - ENVIRONMENTAL BURDEN OF OCCUPATIONAL DISEASE

Session Chair: Jack Siemiatycki **Harbour B-C**

Speakers:

Epidemiologic Challenges in Studies of Occupational Risk Factors for Neurodegenerative Diseases

Harvey Checkoway

Chronic Airway Disease and Chemical Exposures – Still a Problem for Men, a Growing Problem for Women

Susan Kennedy

The Burden of Occupational Cancer on Workers and on Society

Jack Siemiatycki

SYMPOSIUM - QUANTIFYING THE RELATIONSHIP OF PHYSICAL ACTIVITY TO HEALTH

Session Chair: Michael Pratt **Harbour A**

Speakers:

Physical Activity, Fitness and Body Size as Predictors of Health Outcomes

Michael Lamonte

International Physical Activity Surveillance: Challenges and New Approaches

Cora Lynn Craig

A Cost Effectiveness Analysis of The Community Guide Physical Activity Recommendations

Michael Pratt

385 **SYMPOSIUM - CARDIOVASCULAR DISEASE AND HORMONE THERAPY: CAN WE AGREE ON WHAT THE WOMEN'S HEALTH INITIATIVE RANDOMIZED TRIAL TEACHES US?**

Session Chair: Lynn Rosenberg **Metro West**

Speakers:

The Right Answers to Different Questions

Meir Stampfer

Observational versus Experimental Results

David Freedman

What Could (Should) We Have Known?

Diana Petitti

386 **SYMPOSIUM - WHAT'S NEW WITH THE OLD: AGING AS THE FUTURE OF POPULATION EPIDEMIOLOGY**
Session Co-Chairs: Tamara Harris and Susan Kirkland **Pier 4**

Speakers:

Healthy Aging as More than the Absence of Disease: Embracing Complexity in the Study of Aging

Susan Kirkland

From Birth to Death: Obesity, Adipokines and Weight-related Diseases

Tamara B. Harris

WEDNESDAY, 6/29/2005

Facing up to Frailty: Perspectives on Dimensionality Reduction when Studying Multiply Determined States
Kenneth Rockwood
In Search of the Fountain: How a Consortium of Epidemiologists and Laboratory Scientists Approaches the Genetics of Human Longevity
Warren Browner

12:00 – 1:30 p.m.

Lunch (on your own)

12:15-1:15 p.m.

STUDENT SESSION – **HOW TO WRITE AND REVIEW ABSTRACTS**
Stephen Alder, University of Utah
Patricia O'Campo, University of Toronto

Pier 5

12:15 – 1:15 p.m.

Roundtables 2

Physical Activity and Cancer
Leslie Bernstein
Unresolved Issues Regarding Exogenous Hormones and Cancer Risk
Louise Brinton
What Next for Epidemiologic Studies of Childhood Cancer?
Claire Infante-Rivard
Should Epidemiologists be Assuming a Larger Political Role in Developing Countries?
Eduardo Franco

12:30 – 2:00 p.m.

Lunchtime Sessions

Development of an Idea into a Research Application and the Review of Epidemiologic Research at the NIH
Scott Osborne (NIH)

Pier 2-3

1:30 – 3:00 p.m.

Sessions 6

WEDNESDAY, 6/29/2005

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SYMPOSIUM - **PSYCHIATRIC EPIDEMIOLOGY: SEARCHING FOR CAUSES**
Session Chair: Ezra Susser

Pier 4

Speakers:

TBD
Donald Wasylenki
Fetal Origins of Schizophrenia
Ezra Susser
Autism Birth Cohort
Camilla Stoltenberg
Social Origins of Suicide
Stephen Buka
Homeless and Mentally Ill: Quality of Life
Stephen Hwang

SYMPOSIUM - **"THE CHANGING FACE OF EPIDEMIOLOGY"**
(sponsored by the Editors of EPIDEMIOLOGY)

Metro West

Part II. Epidemiologic Research in the Face of an Obesity Epidemic
Session Chair: Dale Sandler, Editor

Speaker:

John Potter

Discussants:

Gail Eysen
Larry Kushi

WEDNESDAY, 6/29/2005

CONTRIBUTED - INFECTIOUS DISEASES: FIRST DISCOVERY, THEN ACTION

Session Chair: Theresa Gyorkos

Harbour A

- 388 *Temporal Relationships of West Nile Virus Surveillance Events and Human Disease Cases in Five States, 2003*
Lora Davis
- 389-S *Use of Electronic Prescribing Systems to Examine Antibiotic Prescribing Patterns in Community Based Practice*
Dana Teltsch
- 390 *Diet and Risk of Community-acquired Urinary Tract Infection Caused by Antibiotic-resistant Escherichia Coli*
Amee Manges
- 391 *Contact Patterns during the 2003 Greater Toronto Area SARS Outbreak*
Julie Lafleche
- 392 *Intrafamilial Transmission of Helicobacter Pylori Infection: Results of a Prospective Birth Cohort Study*
Dietrich Rothenbacher
- 393 *Health Economic Burden of Invasive Meningococcal Disease in the US*
Dennis Getsios

CONTRIBUTED - QUANTIFYING THE IMPACT OF STUDY IMPERFECTIONS ON STUDY RESULTS

Session Chair: George Maldonado

Harbour B-C

- 394 *Sensitivity Analysis of Misclassification: A Graphic and a Bayesian Method*
Haitao Chu
- 395 *Probabilistic Corrections for Misclassification in Medical Record Abstract Data Using an Imperfect Internal Validation Study*
Timothy Lash
- 396-S *Disinfection By-products and Pregnancy Loss: A Sensitivity Analysis*
Richard MacLehose
- 397 *A Structural Approach to Observation Bias*
Miguel Hernan
- 398 *Quantifying the Impact of Study Imperfections on Study Results*
George Maldonado

CONTRIBUTED - RACE AND CLASS HEALTH INEQUALITIES IN CANADA AND THE US

Session Co-Chairs: Irene Yen and Patricia O'Campo

Queen's Quay

- 399 *Joint Effects of Race, Social Class and Community Occupational Structure on Coronary Mortality among Men, in 20 U.S. States, 1988-92*
Donna Armstrong
- 400 *Socioeconomic Inequalities in Mortality in New York City, 1989-91 and 1999-200*
Adam Karpati
- 401-S *Are Metropolitan Measures of Racial Segregation, Neighborhood Racial Disparities, and Access to Wealth Associated with Individual Birth Weight across the U.S.? A Multilevel Study*
Theresa Osypuk
- 402-S *Education & Mortality in Canada: Mediation by Behavioural and Material Factors*
Jacob Etches

CONTRIBUTED - RECENT ADVANCES IN THE EPIDEMIOLOGY OF CHILDHOOD LEUKEMIA

Session Chair: Patricia Buffler

Pier 5

- 403-S *Maternal Smoking, Passive Smoking, Genetic Polymorphisms, and Childhood Leukemia*
Jeffrey Chang
- 404 *Pain Reliever Use during Pregnancy and Risk of Infant Leukemia: A Children's Oncology Group Study*
Julie Ross
- 405 *Family Structure and Risk of Childhood Acute Lymphoblastic Leukemia (ALL)*
Frank Groves
- 406 *Birth Weight and the MLL Gene in Infant Leukemia: A Children's Oncology Group Study*
Logan Spector
- 407-S *Urbanization and Incidence of Acute Lymphocytic Leukemia among United States Children Ages 0-4*
Aaron Adelman
- 408 *Ethnic Difference in Daycare Attendance, Early Infections, and Risk of Childhood Acute Lymphoblastic Leukemia*
Xiaomei Ma

WEDNESDAY, 6/29/2005

3:00 – 3:30 p.m.

Break

Frontenac

3:30 – 5:00 p.m.

Sessions 7

SYMPOSIUM - WHEN SHOULD A FINDING BE CONSIDERED POSITIVE? ALTERNATIVES TO P-VALUE <0.05, 95% CONFIDENCE INTERVALS AND BONFERRONI CORRECTION

Session Chair: Sholom Wacholder

Metro West

Moderator:

Jack Siemiatycki

Speakers:

Candidate Genes, Gene-Environment and Gene-Gene Interactions, Pathways, and Genomewide Scans: Issues In Multiple Testing

Duncan Thomas

Resampling Based Multiple Testing: Controlling the Proportion of False Rejections with an Application in Environmental Epidemiology

Mark Van Der Laan

Assessing the Chance that the Finding of a Report is False

Sholom Wacholder

CONTRIBUTED - ASSOCIATIONS OF OCCUPATIONAL AND ENVIRONMENTAL EXPOSURES WITH CANCER

Session Chair: Maureen Hatch

Harbour B-C

- 409 *Thyroid Disease Associated with Exposure to the Nevada Test Site Radiation: A Reevaluation Based on Corrected Dosimetry and Examination Data*
Stephen Alder
- 410 *Cancer Incidence among Pesticide Applicators Exposed to Diazinon in the Agricultural Health Study Cohort*
Laura Beane Freeman
- 411 *Increased Incidence of Testicular Tumours in Car Manufacturing Workers*
Wolfgang Ahrens
- 412 *Cancer Mortality in a Cohort of 100,000 Vietnam Veterans*
Steven Stellman
- 413 *Sunlamps, Tanning Beds and Melanoma: A Meta-analysis*
Richard Gallagher
- 414 *Incidence of Pleural Mesothelioma among Women in Quebec, 1970-1989: A Comparison between Asbestos Mining and Non-mining Areas*
Marie-Claude Rousseau

CONTRIBUTED - EPIDEMIOLOGY OF SUBSTANCE USE AND ITS CONSEQUENCES

Session Chair: Sandro Galea

Harbour A

- 415 *Socio-psychological Mediators of the Impact of Acculturation on Adolescent Substance Abuse*
Gilbert Saint-Jean
- 416 *Substance Use among Rural-to-urban Migrants in China: A Moderation Effect Model Analysis*
Xinguang Chen
- 417 *A Multicenter Study of Acute Alcohol and Non-fatal Injuries in the Emergency Department*
Guilherme Borges
- 418 *Health Risk Behaviors among DWI Offenders*
Kelly Marczyński
- 419 *Strategies to Promote Smoking Cessation in General Practice: Results of a Cluster-randomized Trial*
Dorothee Twardella

CONTRIBUTED – FOOD AND INDEX-BASED MEASURES OF DIETARY INTAKE: APPLICATIONS IN NUTRITIONAL EPIDEMIOLOGY

Session Chair: Marilyn Tseng

Pier 5

- 420-S *Meeting Recommended Adequate Intake (AI) of Calcium from Food Alone for Children Aged 9-18 Years Who Do Not Drink Milk (1999-2000 NHANES): An Analysis by linear programming*
Xiang Gao

WEDNESDAY, 6/29/2005

- 421-S *Nativity and Duration of Time in the United States: Differences in Fruit and Vegetable Intake among Low-income Postpartum Women*
Tamara Dubowitz
- 422 *WITHDRAWN*
- 423 *Diet Quality and the Risk of Post-menopausal Breast Cancer*
Teresa Fung
- 424-S *Association of Dietary Glycemic Load and Dietary Glycemic Index with Plasma High Density Lipoprotein Cholesterol and Triglyceride Levels in a Large Cohort of Middle-aged Women*
Emily Levitan
- CONTRIBUTED - ISSUES IN WOMEN'S HEALTH** **Pier 4**
Session Chair: Julie Buring
- 425 *The Influence of Acculturation on Overweight and Obesity among Latina Women*
Elena Fuentes-Afflick
- 426-S *WITHDRAWN*
- 427-S *The Relationship between Arthritis and Depression in Women*
Nada Abdel-Malek
- 428-S *Race, Estradiol Levels, and Hot Flashes in Midlife Women*
Lisa Gallicchio
- 429 *WITHDRAWN*
- LATEBREAKER SESSION** **Queen's Quay**
Session Co-chairs: Marie-Elise Parent and Polly Marchbanks
- L1 3:30 *Prior Antibiotic Treatment Induces Nosocomial Acquisition of Pandrup-resistant Acinetobacter Baumannii? Enhancing the Exposure Measurement through the Use of Defined Daily Dose*
Huei-Ting Tsai*
- L2 3:40 *Cross Border Epidemiology: When Pandemic Influenza Comes to the Northwest, 2004-2005*
Eric Sergienko
- L3 3:50 *Alpha-Methylacyl-Coa Racemase (AMACR) Variants and Prostate Cancer in PLCO*
Sarah Daugherty
- L4 4:00 *Measuring the Impact of HIPAA's Privacy Rule in the Prostate, Lung, Colorectal and Ovarian (PLCO) Cancer Screening Trial*
Pamela Marcus
- L5 4:10 *Serum Vitamin E and All-cause, Cancer, and Cardiovascular Disease Mortality in a Cohort of Male Smokers*
Margaret Wright
- L6 4:20 *Influences of Past and Current Vitamin E Intake on Serum α -Tocopherol and its Association with Cognitive Impairment in Older Women: A WHI Ancillary Study*
Julie Dunn
- L7 4:30 *A Population-based comparison of Nonsteroidal Anti-inflammatory Drugs and Their Association with Acute Renal Failure*
Verena Schneider
- L8 4:40 *Healthy Lifestyle behaviors and Risk of Coronary Heart Disease among Men: Effects of Adherence and Change*
Stephanie Chiuve
- L9 4:50 *Bacterial Meningitis in Children with Cochlear Implants after Twenty-four Months Post-implantation*
Jennita Reefhuis
- 5:00 – 6:00 p.m. **Free Time**
- 5:00 – 6:00 p.m. **CSEB Business Meeting** **Pier 5**
- 5:00 – 6:00 p.m. **SER Business Meeting** **Pier 4**

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6:00 – 7:30 p.m.

Poster Session 3 and Reception

Frontenac

GENETICS

- 430 *Higher Order Interaction Estimation Using Epistasis among Innate Immunity SNP Profile Risk for Severe Sepsis*
Corinne Aragaki
- 431 *Genome-wide Screen Identifies Two Novel Loci Associated with Morning Serum Cortisol Levels in Women*
Lianne Kurina
- 432 *Informed Consent and Subject Motivation to Participate in a Large, Population-based Genomics Study: The Marshfield Clinic Personalized Medicine Research Project*
Catherine McCarty
- 433 *Parent-of-origin Transmission of Thrombophilic Alleles to Intrauterine Growth Restricted Newborns and Transmission-ratio Distorsion in Unaffected Newborns*
Claire Infante-Rivard
- 434-S *Information Disclosure in Population-based Research Involving Genetics: A Framework for the Practice of Ethics in Epidemiology*
Vicki Kristman
- 435 *Gene-environment Interaction in Parkinson's Disease*
Erin McCanlies
- 436-S *Response Bias from Failure to Provide a Blood Sample among Participants in the Ontario Family Colorectal Cancer Registry*
Honny Ghadaki

PEDIATRICS

- 437-S *Impacts of Inadequate Prenatal Care on Infant Mortality in High-risk Women*
Xi Kuan Chen
- 438 *The Relationship of Childhood Abuse, Neglect and Household Dysfunction to Premature Death of Family Members: Findings from the Adverse Childhood Experiences Study*
Maxia Dong
- 439 *Association of Adverse Childhood Experiences and Health Risks among College Students in China*
Dongqing Ye
- 439 *Childhood Health Status and Inter-generational Socioeconomic Mobility in the Ontario Child Health Study*
Cam Mustard
- 441 *Maternal Acculturation and Overweight in Latino Children*
Elena Fuentes-Afflick
- 442 *Reproducibility of Reported Nutrient Intake and Supplement Use during a Past Pregnancy*
Jaclyn Fong
- 443-S *Trends in Childhood Asthma: Ambulatory Care, Hospitalization, and Anti-Asthma Medication*
Heather O'Kelly
- 444 *Growth Trajectory of Head Circumference in Siblings of Children with Autism Spectrum Disorders*
Craig Newschaffer
- 445 *Prevalence of Asthma and Respiratory Symptoms Reported by African American High School Students: A Population-based Study*
Christine Joseph
- 446-S *Body Mass Index and Lung Function in Schoolchildren: A Longitudinal Assessment*
Cristin Larder
- 447 *Insulin Resistance Syndrome and Anthropometric Measurements of Adolescent Body Composition: A Cross-sectional Analysis of the NHANES III*
Jian Liu
- 448 *Prevalence of Spina Bifida among Children and Adolescents, Metropolitan Atlanta, 1979-2002*
Lilah Besser
- 448 *Age and Gender as Risk Factors for West Nile Virus Neuroinvasive Disease in Children in the United States, 1999-2004*
Lora Davis
- 449 *Associations between Non-specific Health Problems and Overweight or Obesity among 12-15 Year Olds in the 1998 National Longitudinal Survey of Children and Youth*
Megan Carter
- 451-S *A Longitudinal Analysis of Antisocial Behaviour in Canadian Children: Methodologies and Consequences for Health*
Robert Hawes

WEDNESDAY, 6/29/2005

- 452-S *Integrating Epidemiologic Evidence and Economic Evaluation: A Contingent Valuation Approach*
Sheryl Magzamen
- 453 *Distal and Proximal Environmental Factors of Child Neurocognitive Development*
V. Faye Jones
- 454 *What is the Evidence that Environmental Factors Contribute to Autism?*
Irva Hertz-Picciotto
- PREGNANCY**
- 455-S *Maternal Cigarette Smoking Decreases the Risk of Pregnancy-induced Hypertension and Eclampsia in an Exposure-response Relationship*
Qiuying Yang
- 456-S *Repeated Measurements of Binge-drinking during Pregnancy*
Katrine Albertsen
- 457 *Prenatal Depression and its Effect on the Risk of Low Birthweight*
De-Kun Li
- 458-S *Body Mass Index and Risk of Oral Contraceptive Failure: A Case-cohort Study in South Carolina*
Larissa Brunner
- 459 *Recruitment and Retention Issues among Non-White Participants for a Large Longitudinal Study of Children's Environmental Health*
Danelle Lobdell
- 460 *Multivitamins and Multiple Congenital Anomalies*
Margaret Honein
- 461 *A Randomized Control Trial of Supplementary Prenatal Care: Implications for Family Practice*
Jodi Siever
- 462 *Relationship between Air Quality and Selected Cardiac Defects and Oral Clefts, Texas, 1997-2000*
Pauline Mendola
- 463 *Socioeconomic Disparities in the Prevalence of Preterm Contractions*
Nedra Whitehead
- 464 *Mid-pregnancy Levels of Corticotropin Releasing Hormone (CRH) and its Binding Protein (CRH-BP) and Risk of Delivering Preterm*
Claudia Holzman
- 465 *The Influence of Lifestyle, Pregnancy Conditions, Medications, and Environmental Factors on Stillbirths*
Linda Dodds
- 466-S *Intrapartum and Neonatal Complications in the Young Grand Multipara*
Sara Ellis Simonsen
- 467 *Effect of Fetal Sex on Airway Lability in Pregnant Asthmatics*
Helen Kwon
- 468 *Neonatal Mortality of Very Preterm Twins and Triplets: United States, 1995-2000*
Amy Branum
- 469 *Maternal Physiologic and Environmental Factors and the Risk of Delivering High Birth Weight Infants*
Charlan Kroelinger
- 470 *WITHDRAWN*
- 471-S *Descriptive Study of Migraines in Pregnant Women in Lima, Peru*
Kathryn Sinclair
- 472 *Psychosocial Stress, Corticotropin-releasing Hormone and Preterm Delivery among Working Women*
S. Guendelman
- 473 *Misclassification of Gestational Age in the Study of Spontaneous Abortion*
Penelope Howards
- 474 *Abnormalities of Immune Function in the Pathogenesis of Preeclampsia: A Comparison of Risk Factors for Preeclampsia and Gestational Hypertension in a Prospective, Population-based Study*
Sara Cherkerzian
- 475-S *Maternal Thyroid Hormone Levels during Pregnancy, Fetal Growth, and Length of Gestation*
Teresa Janevic
- 476 *The Effects of Small Area-level Neighborhood Income and Large Area-level Income Inequality on Fetal Growth*
Zhong-Cheng Luo
- 477-S *Partner Support and Preterm Birth*
Christina Lombardi
- 478-S *Rates and Risk Factors for Type-2 Diabetes among a Cohort of Women with a History of Gestational Diabetes*
Cory Russell

WEDNESDAY, 6/29/2005

PSYCHIATRIC

- 479 *The Impact of Race and Culture on Making an Accurate Diagnosis among United States Minority Populations*
Elwood Robinson
- 480 *Correlates of Depression in Canada and United States*
Masood Shaikh
- 481 *Mental Health Treatment Utilization and Barriers among New Yorkers with Serious Psychological Distress*
Tina (Katharine) McVeigh
- 482 *Risk of Anxiety and Depressive Disorders in Children and the Parents of Children Undergoing Cancer Workup or Treatment*
Ray Merrill
- 483 *Prevalence and Correlates of Depression among Married Women in High Mountain Villages of North Pakistan*
Syed Shah
- 484 *Leisure-time Physical Activity in Relation to Depressive Symptoms in the Black Women's Health Study*
Lauren Wise
- 485 *Stress-related Mental Disorders in Childhood Cancer Survivors*
Robert McKeown
- 486 *Substance Use in Patients Transitioned from Assertive Community Treatment to Less Intensive Services*
Keith R. Stowell
- 487 *Association between Depression and Demographic Factors in Ontario*
Noori Akhtar-Danesh
- 488 *Panic Disorder and Coping : A Population Study, 2002*
Pamela Ramage-Morin
- 489-S *Does a Childhood Risk-taking Tendency Help Us to Account for Later Serious Drug Involvement?*
Carlos F. Rios-Bedoya
- 490 *Frequent Mental Distress (FMD) among U.S. Adults—1993-2003*
David Moriarty
- 491-S *Ethnicity and Suicidality in Canadian Adults*
Diana Clarke
- 492-S *Association between Physical Activity and Adolescent Depressive Symptoms over Time from the National Longitudinal Study of Adolescent Health*
Jen-Jen Chang
- 493 *Predictors of Duration of Antidepressant Therapy for Major Depression in Quebec*
Maida Sewitch
- 494 *Hypertension and Mental Disorders: Factors Associated with Treatment of Hypertension in a Community Sample*
Norbert Schmitz
- 495 *Drug Use Trajectories in a 20 Year Prospective Study of a Probability Sample of Young Adults*
Richard Herrell
- 495 *Urban Neighborhood Socioeconomic Status and Incidence of Depression in a Population-based Cohort Study*
Sandro Galea
- 496 *Job Insecurity, Social Class and Inequalities in Mental Health Using the Canadian Community Health Survey (CCHS) cycle 1.2*
Selahadin Ibrahim

REPRODUCTIVE

- 498 *Plasma Levels of PCBS and Pesticides, Smoking and Other Factors in Relation to Erectile Dysfunction*
Jane Polsky
- 499 *How Far is Venus from Mars? Gender Difference Related to Timing of Childbearing and Knowledge of Perinatal Risks*
Suzanne Tough
- 500 *Maternal Serum PCB and DDE Levels and Time to Pregnancy*
Dionne Law
- 501 *The Relationship between Ureaplasma Urealyticum Infection in the Genital Tract and Semen Quality*
Ersheng Gao
- 502 *Risk Factors of Abruptio Placentae among Peruvian Women*
Sixto Sanchez
- 503 *Differences in Prevalence of Congenital Anomalies between Chinese and Non-Chinese Live Births, Alberta, Canada, 1983-2003*
Fu-Lin Wang

WEDNESDAY, 6/29/2005

- 504 *First Trimester Bacterial Vaginosis and Early Pregnancy Loss*
Deborah Nelson
- 505 *Polychlorinated Biphenyl (PCBs) Exposure and Menstrual Cycle Characteristics*
Leila Jackson
- 506 *Shift Work and Risk of Spontaneous Abortion in Nurses*
Elizabeth Whelan
- 507-S *Risk Factors for Sexually Transmitted Infections among Young Men in Kisumu, Kenya*
Christine Mattson
- 508 *Adverse Reproductive Outcomes among Pregnancies of Aunts and Spouses of Uncles in Irish Families with Neural Tube Defects*
Julianne Byrne
- 509 *Neighbourhood Income Quintile and Caesarean Section Rates among Canadian Women*
Kira Leeb
- 510-S *Estimating Education and Intra-uterine Growth Using Conditional Models*
Lynne Messer
- 511-S *Maternal Mid-pregnancy Thyroid Function and Child Thyroid Function*
Mary Kilty
- 512-S *Occupational Radiation Exposure and Risk of Spontaneous Abortion among Medical Radiation Technologists in Canada*
Monica Bienefeld
- 513 *Time-to-pregnancy among Female Greenhouse Workers*
Nel Roeleveld
- 514 *Separating the Impact of Changes in Maternal Age-parity Distribution and Age-parity-specific Rates on Trends in Low Birth Weight Rates in the United States, 1980-2000*
Quanhe Yang
- 515 *Modeling Bias in Pregnancy-based Time-to-pregnancy Studies Introduced by Correlation with Age*
Michelle Pearl
- SCREENING**
- 516-S *Ethnicity, Time in Canada and PAP Testing among Recent Immigrants to British Columbia, Canada*
Alice Chen
- 517 *Post-Normal Screen Breast Cancer in the Quebec Breast Cancer Screening Program (PQDCS)*
Nicole Hebert-Croteau
- 518 *Classifying Interleukin-6 (IL-6) with an Artificial Neural Network (ANN) to Screen for Infection*
Michael Walsh
- 519 *Prevalence of Asymptomatic Microscopic Hematuria in Primary School Children of Kharg Island*
Saeideh Beigi
- 520 *Inflammatory Markers as a Worksite Screening Test for Coronary Heart Disease among Women*
Paulo Lotufo
- 521-S *Physician and Patient Characteristics Influencing Breast and Cervical Cancer Screening Practices*
Nada Abdel-Malek
- 522-S *Results of a Survey to Assess Colorectal Cancer Screening Capacity in Arizona*
Amit Algotar
- 523 *Accuracy of Self-reported Cancer Screening Histories: A Meta-analysis*
Garth Rauscher
- 524 *Stressful Life Events and Adherence to Mammography Screening Guidelines among African-American and White Women*
Amy Dailey
- 525 *Do Factors Associated with Obtaining Medical Care Following a Positive Test in Cancer Screening Trials Influence Our Measurement of Screening Test Effectiveness and Our Ability to Generalize Results?*
Ilana Gareen
- 526 *Do Spiritual Practices Influence Colorectal Cancer Screening?*
Ilene Prokup
- 526 *Bloodborne and Sexually Transmitted Infections Surveillance at Correctional Service Canada: Results of a Pilot Study*
Jonathan Smith
- SOCIAL**
- 528 *Job Strain and Hypertension: A Multilevel Analysis among Brazilian Civil Servants*
Dora Chor
- 529 *Chronic Diseases, Risk Factors, and Health Behaviours in Canadians: A Rural/urban Comparison*
Claudia Lagac

WEDNESDAY, 6/29/2005

- 530 *Socioeconomic Position and Cardiovascular Disease in Men. The Korean National Health Service Prospective Cohort Study*
Yun-Mi Song
- 531 *Pathways Linking Education and Diabetes: The Role of Psychosocial Factors*
Kathryn Cardarelli
- 532 *Perceived Neighborhood Problems and Depressive Symptoms, Quality of Life, and Physical Functioning: Prospective Evidence from a Study of Adults with Asthma*
Irene Yen
- 533 *Content and Criterion Validity of Self-rated Health by Gender, Socioeconomic Position, and Country*
Amelie Quesnel-Vallee
- 534 *Neighborhood Deprivation and Preterm Birth: Multi-level Modeling Results from Four US States*
Patricia O'Campo
- 535 *The Health of Sheltered Homeless in New York City*
Bonnie Kerker
- 536 *Modeling Imitation of Suicidal Behaviour Using Dynamic Simultaneous Equation Modeling*
Flora Matheson
- 537 *Census Subdivision Taxonomies: Rural-urban Continua Continued*
Denis Heng
- 538-S *Neighborhood Ethnic Composition and GAS Score: A Novel Method to Assess Variation in Tolerance for Persons Involuntarily Admitted to Psychiatric Emergency Services*
Eric Kessell
- 539 *Poverty, Childcare Responsibility, and Women's Smoking*
Hee-Jin Jun
- 540-S *Variability in Population Health among Vulnerable Neighborhoods: The Contribution of Individual Socioeconomic Distribution*
Jennifer Ahern
- 541 *Race Differences in Family Health*
Katherine Chung
- 542 *Self-reported Hypertension among Hispanics: Is There a Race Effect?*
Luisa Borrell
- 543-S *Increasing Racial Disparity in Hypertensive Disorders of Pregnancy in New York State: A Ten-year Longitudinal Population Study*
Masako Tanaka
- 544-S *Salivary Cortisol Responses and Identification of Neuroendocrine Dysregulation in the Baltimore Memory Study*
Matthew McAtee
- 545 *Socioeconomic Status and Ethnicity as Predictors of Arthritis in the Population: A Multi Level Model*
Mayilee Canizares
- 546-S *Socioeconomic Determinants of Being Overweight among Canadian Adults: A Multilevel Study*
Mylene Riva
- 547 *Educational Disparities in the Metabolic Syndrome in a Rapidly Changing Society, the Case of South Korea*
Myoung-Hee Kim
- 548 *Association of C-reactive Protein with Cynical Hostility*
Nalini Ranjit
- 549-S *A Mathematical Analysis of Pertussis Re-emergence in Rio de Janeiro, Brazil*
Paula Luz
- 550-S *Why Has the Black-White Life Expectancy Gap Recently Declined?*
Sam Harper
- 551-S *Individual and Neighborhood Demographic Factors Associated with Fruit and Vegetable Consumption among Low-income Postpartum Women*
Tamara Dubowitz
- 552 *Neighborhoods and Depressive Symptoms in the Baltimore Memory Study*
Thomas A. Glass
- 553 *Intimate Partner Violence against Rural Native American Women: Prevalence and Socioeconomic Risk Factors*
Lorraine Halinka Malcoe
- 554 *General Health Assessment of Latinos in Baltimore*
Olivia Carter-Pokras

WEDNESDAY, 6/29/2005

SUBSTANCE ABUSE

- 555-S *Sex-related HIV Risk Behavior in Methamphetamine Dependent Women, Gay/bisexual Men, and Heterosexual Men*
Guili Zhang
- 556-S *Factors Associated with the Use of 'Street Methadone' by HIV-seropositive Injection Drug Users in Four US Cities*
Robert Gern
- 557 *Factors Associated with Cigarette Smoking in Northeast Pennsylvania*
Trudy Coleman
- 558 *Correlates of Illicit Drug Use and Alcohol Abuse/Dependence in United States*
Irshad Shaikh

WOMEN'S HEALTH

- 559 *Prediction of Early Preterm Birth in Singleton, Twin, and Triplet Pregnancies*
Shi Wu Wen
- 560 *Factors Related to Immune Dysfunction and Risk of Vulvodynia*
Bernard Harlow
- 561 *Rate of Growth in Early Life, Age at Menarche, and Adult Body Size*
Mary Beth Terry
- 562 *The Association between Obesity and Asthma is Stronger in Non-allergic than Allergic Adults*
Yue Chen
- 563 *Race and Parity as Associated Factors for Obesity among Low-income Women*
Isabela Bensenor
- 564 *Sex Differences in Allostatic Load over the Life Course*
Jennifer Allsworth
- 565 *Prevalence of Female Pelvic Floor Disorders by Age and Race/Ethnicity in a Managed Health Care Population*
Jean Lawrence
- 566 *Pregnancy Planning and Lifestyle Behaviors among Nonpregnant Women of Childbearing Age: Southern California, 1998-2000*
Kathleen Raleigh
- 567-S *The Impact of Male Involvement in Antenatal Care: Results from a Randomized Controlled Trial in Urban Nepal*
Britta Beenhakker
- 568-S *Perpetration of Intimate Partner Violence by Men and Women in the Philippines: Prevalence and Associated Factors*
Donna Ansara
- 569 *The Effect of Tamoxifen Chemoprevention on Changes in Mammographic Density*
Jennifer Peck
- 570 *Does Parity Contribute to the Racial Disparity in Obesity among US Women*
Leslie Korenda
- 571 *Effect of Maternal Depressive Symptoms on Their Ratings of Toddlers' Behavior Problems*
Li-Ching Lee
- 572 *WITHDRAWN*
- 573 *The Effect of Body Composition, Health Behaviors and Menstrual History on Bone Density in Postmenopausal Women*
Soong Nang Jang
- 574 *Changes of Body Composition at Menopause: A Prospective Study in Chinese Women*
Suzanne C Ho
- 575 *Prevalence and Risk Factors for Depression in the Past 12 Months among Canadian Women and Men Aged 15 to 69 Years*
Tonia Forte
- 576 *A Case-crossover Analysis of Sexual Behavior and Bacterial Vaginosis among Women at High Risk of Sexually Transmitted Diseases*
Tracy Dawson

7:30 p.m.

Alumni Reunions

THURSDAY, 6/30/2005

7:30 a.m. – 12:00 noon	Registration	Frontenac
7:30 – 8:30 a.m.	Continental Breakfast	Frontenac
7:30 – 8:30 a.m.	STUDENT SESSION – WHAT DO EDITORS LOOK FOR IN A MANUSCRIPT: A CHAT WITH AJE EDITORS Mark Klebanoff, NIH/NICHD	Pier 8
8:30 – 10:00 a.m.	Sessions 8 SYMPOSIUM - GLOBAL HIV EPIDEMIOLOGY Session Chair: Cate Hankins (Sponsored by CIHR - Institute of Infection and Immunity) Speakers: <i>Women-Controlled Prevention Methods: Physical and Chemical Barriers</i> Nancy Padian <i>Epidemiological Issues in Antiretroviral Therapy</i> Robert Hogg <i>The Social Dialectics of HIV Epidemics</i> Sam Friedman	Harbour B
	SYMPOSIUM - RADIATION & CANCER Session Chair: Daniel Krewski Speakers: <i>Health Risks of Low Doses of Ionizing Radiation</i> David Brenner <i>A Combined Analysis of North American Case-Control Studies of Residential Radon and Lung Cancer</i> Daniel Krewski <i>Epidemiological Studies of Cellular Telephones and Cancer Risk</i> Mary McBride	Harbour C
	CONTRIBUTED - BIAS: METHODOLOGICAL AND PRACTICAL CONSIDERATIONS Session Chair: Yutaka Yasui	Pier 2-3
577	<i>Quantifying Selection Bias in Epidemiologic Studies</i> Jinbo Chen	
578	<i>Selection Bias when Biopsied Controls are Used in Biomarker Research</i> Margaret Mandelson	
579	<i>Stochastic Considerations in Non-differential Misclassification and Bias in Estimation of Odds Ratios</i> Nicholas Birkett	
580	<i>Predictors and Consequences of Attrition in a Cohort of Older Women with Breast Cancer</i> Aliza Fink	
581-S	<i>Redundancy: A Discrepancy between what We Want and what We Get from Our Effect Estimates</i> Nicolle Gatto	

THURSDAY, 6/30/2005

CONTRIBUTED - POTENTIAL CAUSES AND INTERMEDIATES IN THE CAUSAL PATHWAY TO FEMALE CANCERS

	Session Chair: Kristan Aronson	Harbour A
582	<i>Light and Exercise and Melatonin in Women</i> Julia Knight	
583-S	<i>Self-reported Stress and Risk of Breast Cancer: A Prospective Cohort Study</i> Naja Rod Nielsen	
584	<i>Relationship of Benign Gynecologic Diseases to Subsequent Risk of Ovarian and Uterine Cancers</i> Louise Brinton	
585	<i>Body Mass Index, Height and Ovarian Cancer: A Pooled Analysis of 12 Cohort Studies</i> Leo Schouten	
586	<i>Dietary Folate and Risk of Cervical Cancer</i> Chaitali Ghosh	

Open Forum

Pier 9

10:00 – 10:30 a.m.	Break	Frontenac
10:00 – 10:30 a.m.	Judging - Poster Session 3	Frontenac
10:30 a.m. – 12:00 noon	Sessions 9	

SYMPOSIUM - SARS – EPIDEMIOLOGIC PERSPECTIVE

Harbour A

Session Chair: Arthur Reingold

(Sponsored by CIHR - Institute of Infection and Immunity)

Speakers:

SARS In Toronto: A Local Public Health Perspective

Barbara Yaffe

Combating SARS 2003, The Taiwan Experience

Susan Maloney

Mathematical Models for the Control Of SARS (And Why Influenza Is Different)

Marc Lipsitch

SYMPOSIUM – “CHANGING FACE OF EPIDEMIOLOGY”

Harbour B

(sponsored by the Editors of EPIDEMIOLOGY)

Part III. Genomics and Proteomics in Epidemiology: Treasure Trove or “High-Tech Stamp Collection”?

Session Chair: Allen Wilcox, Editor-in-Chief

Speaker: David Hunter

Discussants: John Frank, Paolo Boffeta

CONTRIBUTED - MODELING ISSUES IN EPIDEMIOLOGY

Harbour C

Session Chair: Ben Armstrong

587	Abstract out of order due to programmatic change. Moved to page 9.	
588	<i>A Robust Step-down Procedure for Multidimensional Health-related Quality of Life Data</i> Lisa Lix	
589	<i>Methods for Investigating Temperature-health Relationships</i> Ben Armstrong	
590	<i>Fuzzy Logic Implementation in Modeling of Seroprevalence Changes as a Composition of Three Age-dependent Processes</i> Arnold Sher	
591	<i>Bayesian Modelling Approaches to Alcohol Consumption in Portuguese Adults</i> Valeska Andreozzi	
592	<i>Space-time Modelling of Environmental Risk Factors on Transmissible Diseases: Rainfall and Urban Leptospirosis</i> Marilia Carvalho	

THURSDAY, 6/30/2005

CONTRIBUTED - SOCIAL EPIDEMIOLOGY: LIFE COURSE PERSPECTIVES

Pier 2-3

Session Chair: John Lynch

- 593 *Neighborhood Poverty, Maternal Age and Infant Birth Weight among African-Americans in Chicago: A Maternal Life-course Analysis*
Richard David
- 594-S *Role of Cognitive Functioning and Parental Socioeconomic Position on BMI and Smoking during Adolescence and Early Adulthood*
Seungmi Yang
- 595-S *Effects of Childhood Socioeconomic Status on Adult Body Size in Women*
Lina Titievsky
- 596 *Lifecourse Socioeconomic Trajectory and Cognitive and Physical Function*
Maria Glymour
- 597-S *Income Dynamics & Mortality in Canada and the United States*
Jacob Etches
- 12:00 noon **Meeting adjourns**