

# 37<sup>th</sup> Annual SER Meeting PROGRAM

**TUESDAY, JUNE 15, 2004**

**Room Location**

4:00 – 8:00 p.m.	<b>Registration</b>	<b>GRAND BALLROOM C RECEPTION AREA</b>
7:00 – 9:00 p.m.	<b>Welcome Reception</b>	<b>GRAND BALLROOM C</b>
7:30 – 8:30 p.m.	<b>Poster Session 1</b>	<b>GRAND BALLROOM C</b>

**AGING**

- 001-S *Are Lower Urinary Tract Signs and Symptoms in Men Risk Factors for Chronic Kidney Disease?*  
Andrew Rule
- 002-S *Relationship between Physical Activity and Pet Ownership among Older People in the Health ABC Study*  
Roland Thorpe
- 003-S *Health Advantage for Elderly Men Whose Parents Survived to Extreme Old Age*  
Peggy Cawthon
- 004 *Antioxidant Micronutrient Intake and Age-Related Maculopathy*  
Martha Morris
- 005 *Self-Reported and Measured Visual Function and Walking Difficulty in Community-Dwelling Older Adults*  
Stephen Kritchevsky
- 006 *Improving Assessment of Incidence of First-Onset Geriatric Depression in Population-Based Studies.*  
Maria Norton
- 007 *Association between Smoking and Erectile Dysfunction*  
Naomi Gades
- 008 *SRD5A2 Polymorphisms and Measures of Benign Prostatic Hyperplasia in a Community-Based Cohort*  
Rosebud Roberts
- 009 *Estimating Survival Duration from Memory Symptom Onset: A Comparison of Methods. The Cache County Study*  
Elizabeth Klein
- 010-S *Continued Participation by Elderly Women in a Cohort Study*  
Zewditu Demissie
- 011-S *Fall Incidence According to Race and Ethnicity among Older US Men*  
Jennifer Holub
- 012 *Secular Trends in Life Expectancy for Subjects Who Die from Heart Disease and Cancer by Diet Status in Non-Smoking Seventh-Day Adventists.*  
Kristian Lindsted
- 013 *Vitamin E Supplement Use and Memory Test Scores: An Interim Analysis*  
Julie Dunn

**BEHAVIORAL**

- 014 *Correlates of Leisure Time Physical Activity in Bay Ridge, Brooklyn and Staten Island.*  
Andrew Rundle
- 015 *Correlates of Physical Activity in NYC Head Start Children*  
Andrew Rundle
- 016 *Risk Behaviors for Sexually Transmitted Infections in High-Risk Children of Migrant and Island Puerto Ricans.*  
Richard Herrell
- 017 *Estimating the Effect of a Skill-Based Intervention on Consistent Condom Use among Inner-City Women through Time-Dependent, Intermediate Variables.*  
Jennifer Legardy
- 018-S *Risk Factors of Physical Family Violence in Lima, Peru*  
ER Orellana

**Tuesday, June 15**

**Poster Session 1 Continued**

- 019            *Assessment of Health Risk Behaviors among Teens in an Appalachian Community*  
Tiejian Wu
- 020            *Perceived Barriers and Reasons Behind the Participation in a Randomized Controlled Trial in Japan: Collaborating Physicians' View*  
Mahbubur Rahman
- 021            *Residential Exposure to Traffic and Leukemia in Children with Down's Syndrome*  
Maria Luisa Perez-Saldivar

**BIOMARKERS**

- 022            *Gene Expression Patterns Distinguish Subtypes of Chronic Fatigue Syndrome*  
William Reeves
- 023            *Challenges of Running National Calibration Clinics. Experiences from the Adventist Health Study-2.*  
Jacqueline Chan
- 024-S          *The Contribution of Apoptotic-Related Tumor Factors to Racial Differences in Breast Cancer Survival*  
Mary Jo Lund
- 025-S          *The Contribution of Apoptotic-Related Tumor Factors to Racial Differences in Stage at Diagnosis for Breast Cancer*  
Mary Jo Lund

**BIRTH DEFECTS**

- 026-S          *Type of Insurance and 1-Year Mortality in Infants with Congenital Anomalies*  
Christy McKinney
- 027            *Nationwide Survey of Folic Acid Knowledge and Practices Among Health Care Providers, 2002-2003*  
Jennifer Williams
- 028            *Assisted Reproductive Techniques and the Risk of Oral Clefts: Data from the National Birth Defects Prevention Study, 1997-2000*  
Jennita Reefhuis
- 029            *Maternal Smoking, Environmental Tobacco Smoke (ETS), and the Risk of Oral Clefts*  
Margaret Honein
- 030-S          *Maternal Established and Gestational Diabetes and the Risk of Congenital Anomalies*  
Babette Siebold

**CANCER**

- 031            *Diabetes Mellitus and Prostate Cancer Risk among Older Men: Population-Based Case-Control Study*  
Ann Coker
- 032            *Physician Recommendation for Papanicolaou Testing among United States Women, 2000*  
Steven Coughlin
- 033            *Dietary DNA Topoisomerase 2 Inhibitors (DNA<sub>2</sub>i) and Infant Leukemia (IL)*  
Logan Spector
- 034-S          *Fecundity, Fertility, and Risk of Testicular Cancer*  
Mary Lou Biggs
- 035-S          *Prostate Cancer Treatment Choice and Insurance Status: Data from CaPSURE*  
Natalia Sadetsky
- 036-S          *Gene-Environment Interaction between Smoking and the OGG1 Ser326Cys DNA Repair Polymorphism in Lung Cancer*  
Erin Pichora
- 037            *Risk for Colorectal Cancer (CRC) after Initiation of Regular Nonsteroidal Antiinflammatory Drug (NSAID) Use: Post-trial Follow-up Data from the Physicians' Health Study (PHS)*  
Til Sturmer
- 038            *Comorbidities, Race, and Stage of Breast Cancer*  
Steven Fleming
- 039-S          *Cancer Genetics Needs Assessment: Barriers to Epidemiological Study Recruitment and Access to Care among First-Generation Latinos*  
Sara Ellis Simonsen

**Tuesday, June 15**

**Poster Session 1 Continued**

- 040 *Incidence of Leukemias in Children Younger than 12 Years in El Salvador and Mexico City between 1996 and 2000*  
Juan Manuel Mejía-Aranguré
- 041 *Body Mass Index and Cancer Risk in a Cohort of Swedish Construction Workers*  
Claudine Samanic
- 042 *Physical Activity in Relation to Risk of Biliary Tract Cancer: A Population-Based Study in China*  
Michael Leitzmann
- 043 *Fluids in Risk of Rectal Cancer: Analysis of the Amount, Type and Associated Nutrients*  
Maureen Murtaugh
- 044 *Cancer Survivor Status and Functional Limitations in a Cohort of Older Women*  
Carol Sweeney
- 045-S *Tumor Genetics of Childhood Leukemia by Hispanic Status*  
Melinda Aldrich
- 046 *Colorectal Cancer Recurrence in a Population-Based Retrospective Cohort Study*  
Christine Cole Johnson
- 047-S *Parental Smoking and the Risk of Childhood Leukemia*  
Jeffrey Chang
- 048 *Total and High-Density Lipoprotein Cholesterol in Relation to Lymphoid Cancers in Male Smokers: A Prospective Study*  
Unhee Lim
- 049 *Lifestyle and Prostate Cancer among Older African-American and Caucasian Men in South Carolina*  
Maureen Sanderson
- 050 *Effects of Lifetime Weight Gain on Breast Cancer Risk*  
Daikwon Han
- 051-S *Gynecological Diseases Related to Inflammation of the Ovarian Epithelium and Risk of Ovarian Cancer*  
Chaoru Chen
- 052-S *A Prospective Study of Anthropometric and Clinical Measurements Associated with Insulin Resistance and Colorectal Cancer in Male Smokers*  
Katherine Roberts
- 053 *Association of Tobacco Chewing with Oral Cancer: A Meta-Analysis of the Published Literature*  
Mahbubur Rahman
- 054 *Declining Cancer Mortality in Brazil*  
Luiz Fonseca

**CARDIOVASCULAR**

- 055 *Estimating Adult Metabolic Risk from a Lipid Accumulation Product.*  
Henry Kahn
- 056 *Post Stroke Mortality Risk in Mexican Americans and Non Hispanic Whites*  
Lynda Lisabeth
- 057-S *The Relation of Trends in IHD and Stroke Mortality with Infant Mortality Rate. A Time Series Study among Cohorts Born between 1860 and 1939 in Seven European Countries*  
Masoud Amiri
- 058-S *Heart Failure Risk in Blacks Vs. Whites: A Strong Age Crossover Effect*  
Somjot Brar
- 059-S *Heart Failure Risk among Asian American Ethnic Groups*  
Somjot Brar
- 060 *Heart Failure and Inflammation: Results from the Third National Health and Nutrition Examination Survey (NHANES III)*  
Amy Ferketich
- 061-S *Are Physically Active Persons At A Reduced Risk For Hypertension? Results from the National Health and Examination Follow-Up Survey (NHEFS)*  
Dustin Duncan

**Tuesday, June 15**

**Poster Session 1 Continued**

- 062 *Much Lower Prevalence of Coronary Calcium Detected by Electron-Beam Computed Tomography among Men Aged 40-49 in Japan than in the US, Despite a Less Favorable Profile of Major Risk Factors*  
Akira Sekikawa
- 063-S *Acute Renal Failure following Coronary Artery Bypass Grafting (CABG)*  
Hossein Bahrami
- 064 *Relationship of Low Birth Weight with Multiple Metabolic Syndrome in U.S. Preadolescents*  
Tiejian Wu
- 065 *CVD Risk Factor Trends in US Hispanics by SES and PLS:1982-2000*  
Cassandra Arroyo
- 066 WITHDRAWN
- 067 *Ischemic Heart Disease (IHD) Risk in Subjects with the Metabolic Syndrome (MS) in Asia*  
Derrick Heng
- 068 *Predictors for Health-Related Quality of Life in Patients following Cerebrovascular Events*  
Jacqueline Mnlter-Nordhorn
- 069-S *Control and Treatment of Hypertension in Asian Americans, African Americans, and Whites*  
Shubha Ananthakrishnan
- 070-S *Adiposity and Heart Failure Risk by Etiology*  
James Schipper

**DIABETES**

- 071 *Familial Aggregation of Factors for the Multiple Metabolic Syndrome*  
Kristine Lee
- 072 *Interactions between Lifestyle Factors and the -514 C-T Variant of the Hepatic Lipase Gene in Relation to High Density-Lipoprotein Levels among US Diabetic Men*  
Cuilin Zhang
- 073-S *Do Asthmatics Experience an Increased Risk of Type 2 Diabetes?*  
Karam Salama
- 074 *Serum Leptin Concentration Predicts Total Percent Fat Independent of Body Mass Index (BMI).*  
Constance Ruhl
- 075 *Association of Parental Diabetes with Coronary Heart Disease (CHD) and Diabetes among Offspring: Results from the Multiple Risk Factor Intervention Trial (MRFIT).*  
Avis Thomas
- 076 *Molecular Epidemiology Study on Type 1 Diabetes in Childhood*  
Wang Binyou

**ENVIRONMENTAL**

- 077 *Mortality Patterns in Indiana Workers Exposed to Polychlorinated Biphenyls (PCBs).*  
Avima Ruder
- 078 *Effect of Short-Term Exposure to Low Levels of Gaseous Air Pollution on COPD Hospitalization among the Elderly in Vancouver, Canada*  
Qiuying Yang
- 079 *Association between Ambient Air Particle Pollution and First Hospitalization for Respiratory Disease in Children Less than 3 Years of Age*  
Qiuying Yang
- 080 *Using Landscape Elements Derived From Remote Sensing Imagery to Explain the Geographic Distribution of Wuchereria Bancroftii Infection in Leogane Commune, Haiti*  
Heather Boyd
- 081 WITHDRAWN
- 082 *Cancer Risks Associated with Elevated Arsenic Levels in Drinking Water*  
Kristine Tollestrup
- 083 *Moisture-Indicating Microorganisms, Water Damage, and Symptoms in 100 U.S. Office Buildings.*  
Mark Mendell
- 084-S *The Association between Arsenic Exposure and Premalignant Skin Lesions Is Modified by Socioeconomic Status in a Bangladeshi Population*  
Maria Argos

**Tuesday, June 15**

**Poster Session 1 continued**

- 085-S *Clinical Evaluation of Food Borne Illness Calls to the Arizona Poison and Drug Information Center: A Retrospective Analysis, January - March 2000.*  
Mary Derby
- 086 *Exposure to Environmental Lead and Thyroid Function in Pregnant Women*  
Pam Factor-Litvak
- 087-S *Prenatal Exposure to Polychlorinated Biphenyls (PCBs) and Postnatal Growth: A Congener-Specific Analysis*  
Matthew Lamb
- 088-S *Effects of Tobacco Smoke and Indoor Exposures on the Upper Respiratory Health of Infants*  
Jocelyn Biagini
- 089-S *Air Emissions Influence on Respiratory System in Children Living in Rural Area in the Vicinity of an Industrial Park*  
Tali Lahav
- 090-S *Modification of Risk of Arsenic-induced Premalignant Skin Lesions by Sun Exposure, Smoking, and Occupational Exposures among Males in Bangladesh*  
Yu Chen
- 091 *Effects of Diesel Exhaust Emissions and Symptoms of Asthma*  
Ana-Paula Curi-Amarante Paulo A. Lotufo

**GENETICS**

- 092 *Birth Order Modifies the Association of IL13 Genotypes with Cord Serum Immunoglobulin E Concentrations*  
Wilfried Karmaus
- 093-S *Adiponectin Variant -11391 Interacts with Adiposity and Race to Influence Adiponectin Levels in Adolescents*  
Jessica Woo
- 094 *Allelic Variants In Cytokine Genes Among African-American And White Women*  
Roberta Ness
- 095 *Hierarchical Bayes Model for SNPs: Estimating the Effect of TLR4/IL-6 SNP Profiles on Severe Sepsis Risk Following Burn Trauma*  
Corinne Aragaki
- 096 *Genetic Variation in Matrix Metalloproteinase-3 and Risk of Subarachnoid Hemorrhage*  
Helen Kim
- 097-S *An Association Study of 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 1 (11HSD1) Polymorphisms in Samoans with Type 2 Diabetes and Obesity*  
Salma Musaad
- 098 *Interaction between Dietary Fat Intake and the Androgen Receptor CAG Repeat Polymorphism in Prostate Cancer*  
Benjamin Rybicki
- 099 *Increased Incidence of Maternal HLA-DR4 in Single-Birth, but Not Multiplex Families with Autism*  
Li-Ching Lee
- 100 *Effects of Population Stratification on False Positive Rates in Association Analysis: A Simulation Study*  
Gary Heiman

**WEDNESDAY, JUNE 16, 2004**

7:30 a.m. – 5:30 p.m.

**Registration****ROOM LOCATION****GRAND BALLROOM C****RECEPTION AREA****GRAND BALLROOM C**

7:30 – 8:30 a.m.

**Continental Breakfast**

8:30 – 10:00 a.m.

**Plenary Session****GRAND BALLROOM B****Welcome Address**

George White Jr. PhD

**Presidential Address**

George Kaplan, PhD

**John C. Cassel Memorial Lecture and Keynote Address***Why Do Poor Women Have Poor Pregnancy Outcomes?*

Michael Kramer, MD

**Student Prize Winner***Are Adolescents Who Were Breastfed Less Likely to Be Overweight? Reducing the Effect of Confounding through the Use of Sibling Pair Analyses*

Melissa Nelson

10:00 – 10:30 a.m.

**Break****GRAND BALLROOM C**

10:00 – 10:30 a.m.

**Judging – Poster Session 1****GRAND BALLROOM C**

10:30 – 12:00 noon

**Spotlight Session 1****CAUSES AND CONSEQUENCES OF PREECLAMPSIA****MURANO****Moderator: David Savitz**101-S *Risk of Preeclampsia in Relation to Maternal History of Migraine Headaches*

Kathryn Sinclair

102-S *Polymorphisms Linked to Cytokine Upregulation Are Associated with Preeclampsia*

Catherine Haggerty

103 *A Case-Control Study of Oxidized Low Density Lipoproteins and Preeclampsia Risk*

Sixto Sanchez

104-S *Maternal Urine Albumin Excretion and the Risk for Preterm Birth*

Nora Franceschini

105 *Pregnancy-Induced Hypertension and Perinatal Mortality*

Xu Xiong

**COMMUNITY-DRIVEN EPIDEMIOLOGY****GRAND BALLROOM D****Moderator: Jennifer Balfour**106-S *Building a Bridge to the Community: Outreach Activities on the Boston Area Community Health (BACH) Survey*

Therfena Green

107 *Recruitment and Retention Issues for a Large Longitudinal Study of Children's Environmental Health*

Danelle Lobdell

108 *Barriers to Sampling an Isolated Population: The Ohio State University Amish Population Study Experience*

Amy Ferketich

109 *Public Health Benefits of a Neighborhood Intervention*

Jan Semenza

110 *A Community-Level Intervention to Prevent Lead Poisoning in Native American Children: Findings from a University-Tribal Partnership*

Lorraine Halinka Malcoe

**Wednesday, June 16**  
**Spotlight Session 1 Continued**

**ENVIRONMENTAL EPIDEMIOLOGY**

**VENEZIA**

**Moderators: Matthew Longnecker**

- 111 *Association between Arsenic Exposure from Drinking Water and Premalignant Skin Lesions in Bangladesh*  
 Habibul Ahsan
- 112-S *Prenatal Exposure to Thyroid Hormone Disruptors, Neonatal Thyroid Hormone Levels and Neurodevelopment in an Agricultural Community*  
 Jonathan Chevrier
- 113 *Lack of Association of Home Allergen Concentrations with Asthma Severity*  
 Kathleen Belanger
- 114-S *Wheezing in Children Living near Highways and Public Transportation*  
 Patrick Ryan

**EPIDEMIOLOGIC STUDIES OF PROSTATE CANCER**

**GRAND BALLROOM A**

**Moderator: David Schottenfeld**

- 115 *Diabetes Mellitus and Risk of Prostate Cancer. Does Time since Diabetes Diagnosis Matter?*  
 Carmen Rodriguez
- 116 *Plasma Levels of Free Insulin-Like Growth Factor-I, Acid Labile Subunit, and Prostate Cancer Risk: A Prospective Study*  
 Lorelei Mucci
- 117 *Lifetime Occupational Physical Activity and Prostate Cancer Risk*  
 Marie-Elise Parent
- DISCUSSANT**  
 Michael Leitzmann

12:00 – 1:30 p.m. **Lunch (on your own)**

12:30 – 1:30 p.m. **Roundtable 1** (10 tickets per table, remaining tickets available at registration desk)

***Causal Analysis*\*\*\***

Jamie Robins

***Reproductive Epidemiology*\*\*\***

David Savitz

***Emerging Evidence on Effects of Early Exposures*\*\*\***

Matt Gillman and Matthew Longnecker

***Reproduction and Chronic Disease Outcomes***

Roberta Ness

\*\*\*INDICATES ROUNDTABLE IS FULL. TICKETS ARE NO LONGER AVAILABLE

12:30 – 1:30 p.m. **New SER Member Welcome**

**VENEZIA**

12:30 – 1:30 p.m. **NIH Session - Epidemiologic Research, the NIH, and Best Possible Science: From Idea to Review**

**MURANO**

Dr. Scott Osborne

1:30 – 3:00 p.m. **Symposia 1**

118 **CONTROL SELECTION IN CASE-CONTROL STUDIES**

**GRAND BALLROOM D**

**Moderator: Irva Hertz-Picciotto**

*Is Correction for Non-Random Participation in Case-Control Studies Possible?*

Irva Hertz-Picciotto

**Wednesday, June 16  
Symposia 1 Continued**

*Untenability of the Secondary Base Concept*  
Charlie Poole  
*Control Groups for Molecular Epidemiology Studies*  
Sholom Wacholder

- 119      **THE IMPACT OF INFERTILITY AND ASSISTED REPRODUCTIVE TECHNOLOGIES ON CHILD OUTCOMES**      **VENEZIA**  
**Moderator: Laura Schieve**  
*Multiple Births: Trends and Outcomes, 1980-2002*  
Joyce Martin  
*Children Born following ART: What Do We Know about their Health and What More Do We Need to Know?*  
Jennifer Kurinczuk  
*Research Hurdles Complicating the Analysis of Infertility Treatment and Child Health*  
Enrique Schisterman

- 120      **LIFE COURSE EPIDEMIOLOGY: REVISITING PRENATAL INFLUENCES**      **GRAND BALLROOM A**  
**Moderator: Nigel Paneth**  
*Lessons Learned from the Dutch Famine Study*  
Aryeh Stein  
**Discussant:** Michael Kramer  
*Prenatal Exposures and Breast Cancer*  
Nancy Potischman  
**Discussant:** Robert Hoover  
*How Do Prenatal Exposures Affect Intelligence?*  
Naomi Breslau  
**Discussant:** David Bellinger

3:00 – 3:30 p.m.      **Break**      **GRAND BALLROOM C**

3:30 – 5:00 p.m.      **Spotlight Session 2**

- EPIDEMIOLOGIC METHODS 1**      **GRAND BALLROOM D**  
**Moderator: Sander Greenland**  
121      *Using Multiple-Imputation for Measurement Error Correction*  
Stephen Cole  
122      *Cognitive Illusions and Sensitivity Analysis*  
Timothy Lash  
123      *Amplified in the Telling; How Dubious Claims Evolve into Conventional Wisdom*  
Carl V Phillips  
124      *Accounting for Spatial Correlation between Geographically Referenced Observations: A Bayesian Hierarchical Modeling Approach*  
Heather Boyd

- EPIDEMIOLOGY OF INFECTION**      **MURANO**  
**Moderator: Thomas O'Brien**  
125-S      *Space-Time Analysis of an Outbreak of Early Syphilis, Baltimore, Maryland*  
Kyle Bernstein  
126      *A Prospective Study of Infections and the Risk of Multiple Sclerosis in the General Practice Research Database*  
Miguel Hernán  
127      *Effects of a New H. Pylori Infection on Height and Weight in a Cohort of Colombian Children*  
Robertino Mera

Wednesday, June 16

Spotlight Session 2 Continued

- 128 *U.S. Trends in Immunity to Varicella in the Age of Vaccination: NHANES III (1988-1994) and NHANES 1999-2000*  
Deanna Kruszon-Moran
- 129 *Mycobacterium Chelonae Infection Associated with Face Lifts – New Jersey, 2003*  
Corwin Robertson

**FETAL GROWTH**

**VENEZIA**

**Moderator: Roberta Ness**

- 130-S *Prenatal Lead Exposure, D-Aminolevulinic Acid, and Schizophrenia*  
Mark Opler
- 131-S *Predictors of Placental Resistance*  
Emily Harville
- 132 *Transmission of Parentally Shared HLA Alleles and the Risk of Preterm Delivery*  
De-Kun Li
- 133 *Maternal Smoking during Pregnancy as a Risk Factor for Overweight in Offspring by Age 8 Years*  
Aimin Chen
- 134 *Anti-Inflammatory Cytokine Polymorphisms and Risk of Small-for-Gestational Age or Spontaneous Preterm Birth*  
Stephanie Engel

**RACE/ETHNICITY AND HEALTH: THE ROLE OF RESIDENTIAL SEGREGATION AND DISCRIMINATION**

**GRAND BALLROOM A**

**Moderator: Sherman James**

- 135-S *Separate Distributions/Separate Worlds: Metropolitan Area Variation in Racial Disparities in Measures of Social and Economic Opportunity and Health*  
Theresa Osypuk
- 136 *Community Violence and Residential Segregation May Increase the Risk for Adverse Birth Outcomes in a Pittsburgh Cohort of African-American and Caucasian-American Mothers*  
Mary Huynh
- 137 *Race and Perceived Racism, Education, and Hypertension among Brazilian Civil Servants*  
Eduardo Faerstein
- 138 *Racial Discrimination and Self-Reported Health in CARDIA: The Role of Socioeconomic Position and Skin Color*  
Luisa Borrell

5:00 – 6:00 p.m.

**Poster Session 2**

**GRAND BALLROOM C**

**FEMALE CANCER**

- 139-S *Melatonin and Breast Cancer: A Prospective Study*  
Ruth Travis
- 140 *Pesticide Use and Breast Cancer Risk among Farmers' Wives in the Agricultural Health Study*  
Lawrence Engel
- 141 *Efficacy of Prophylactic Mastectomy in Women with Unilateral Breast Cancer*  
Lisa Herrinton
- 142-S *Cross-Sectional Study of Patient- and Physician- Collected Cervical Cytology and Human Papillomavirus*  
Thomas Nuno
- 143-S *Risk Associated with Oral Contraceptives in Breast Cancer Etiology by HER-2/neu Receptor Status*  
Jennifer Fergenbaum
- 144 *Cigarette Smoking and Risk of Breast Cancer Mortality: Effect Modification of Alcohol?*  
Bo Zhang
- 145-S *Is Risk of High-Grade Cervical Lesions Similar for all Oncogenic Types of Human Papillomavirus (HPV)?*  
Akhila Balasubramanian

Wednesday, June 16

Poster Session 2 Continued

- 146-S *Cancer Care Capacity and Out-of-Area Care Utilization Among Urban and Rural Women with Breast Cancer*  
Indiana Strombom
- 147 *Migration, Body Weight, and Breast Cancer: Results from the US Component of the Polish Women's Health Study (PWHs)*  
Jian-Ping He
- 148 *Human Herpesvirus 8 (HHV-8) Antibodies among Cardiac Surgery Patients before and after Blood Transfusions Received in the 1980s*  
Michael Cannon
- 149 *Exploration of Residential History and Breast Cancer Risk in Wisconsin Using Geographic Information Systems*  
Jane McElroy
- 150 *Perceived Risk and Family History of Breast Cancer in the General Population.*  
Ingrid Hall
- 151-S *Obesity and Breast Cancer Survival among Young Women*  
Page Abrahamson
- 152-S *Tubal Sterilization in Relation to Breast Cancer Risk*  
Heather Eliassen

**HEALTH SERVICES**

- 153 *Hospitalization for Chronic Obstructive Pulmonary Disease (COPD): How Do Coexisting Respiratory Infection and Asthma Affect Length of Stay and Mortality?*  
Yue Chen
- 154 *Death in Hospital and after Discharge in Medicare Beneficiaries*  
Jay Xue
- 155 *Increased Plasma Levels of C-Reactive Protein in SARS Patients*  
Fung-Chang Sung
- 156 *Reliability of Diagnoses Coded by Office-Based Physicians in Germany*  
Christoph Trautner
- 157 *Alternative to HIV-RNA and CD4 Count to Monitor HIV Disease Progression: A Prospective Cohort Study in Romania*  
Claudia Kozinetz
- 158 *Discharge Disposition in Ventilator-Dependent Patients after Long-term Acute Care*  
Susan Muldoon
- 159 *Adverse Events and Hospital Deaths in the Emergency Department of a Major University Hospital in Brazil*  
Luiz A. M. Fonseca
- 160 *Impact of Macrolide Antibiotic Treatment Failure on Healthcare Utilization in Patients with Acute Bronchitis*  
Jasmanda Wu
- 161 *Personal and Economic Impact of Travel for Cancer Treatment*  
Nancy Lightfoot
- 162 *Needless Risk Time(NRT)Due to Missing or Delayed Immunization*  
Magda Shaheen
- 163 *Self-Perceived Health Status and Barriers to Care among Adults Residents in Public Housing.*  
Magda Shaheen
- 164-S *The University of Virginia Health System Compared to Regional and National Norms for Length of Stay After Heart Transplantation, 1999*  
Mark Hiatt
- 165-S *Comparing Resource Use, Case Mix, and Patient Characteristics of Teaching and Non-Teaching Hospitals in Texas, 2000*  
Mark Hiatt

**Wednesday, June 16**

**Poster Session 2 Continued**

- 166-S *Length of Stay and Total Charges for Hip Fractures in Teaching and Non-Teaching Hospitals in the United States, 1996*  
Mark Hiatt
- 167-S *Barriers to Access to Health Care Services for the Haitian Community of Miami-Dade County, Florida*  
Gilbert Saint-Jean
- 168 *Hospice Admission and Length of Stay among Men Dying of Prostate Cancer*  
Kari Bohlke
- 169-S *Social and Economic Consequences of Diabetes Complications*  
Rashida Dorsey

**INFECTION**

- 170 *Hand Hygiene: Enhancing Behavior Change to Reduce Infections*  
Eric Trunnell
- 171 *Pyelonephritis: Impact and Associated Costs*  
Moran Ki
- 172 *Seroepidemiology on Hepatitis B Virus in Elementary School Students Cohort in Gyonggi Province, Korea*  
Moran Ki
- 173 *Comparative Models of the Spread of Smallpox in a Population with Small-World Contact Dynamics*  
Stephen Davis
- 174 *A Life-Table Estimation Method of Varicella Incidence in Taiwan*  
HungFu Tseng
- 175 *Hepatitis B Sero-Prevalence by WHO Regions*  
Ray Merrill
- 176 *Simulated Application of a Combined Vaccine Strategy for the Prevention and Control of Influenza Among the Elderly*  
Paul Targonski
- 177 *Withdrawn*
- 178-S *Cellulitis Incidence in a Population Based Cohort*  
Emily Robbins
- 179 *Seroepidemiology Study of Rubella IgG Antibodies among Pregnant Women from Seven Asian Countries*  
Hsiu-Fen Tan
- 180 *Outbreak of Botulism in a Rural Utah Community - October 2003*  
Christina A Peterson

**INJURY**

- 181 *Drug Poisoning-Related Deaths—Utah, 1992-2002*  
Christina Peterson
- 182 *Analysis of the Utah Student Injury Reporting System – 1990-2002*  
Christina Peterson
- 183 *A Comparison of Exposure Measurements for Injury Rates: Regional Rural Injury Study - II*  
Andrew Ryan
- 184-S *Determination of the Effectiveness of a Proprioceptive Balance Training Program in Healthy Adolescents: A Cluster-Randomized Controlled Trial*  
Carolyn Emery
- 185-S *Epidemiology of Nonfatal Injuries Among Urban and Rural Residents*  
Hope Tiesman
- 186-S *The Epidemiology of Aviation Fatalities in Alaska: 1995-2000*  
Patrick Luedtke
- 187 *Occupational Injury Surveillance among Electric Utility Employees*  
Michael Kelsh

**Wednesday, June 16**  
**Poster Session 2 Continued**

**METHODS**

- 188 *Estimating Vaccine Efficacy Using Auxiliary Outcome Data and a Small Validation Sample*  
Haitao Chu
- 189 *Causal Analysis of Case-Control Data*  
Stephen Newman
- 190 *Use of Pharmacy Sales Data to Monitor the Impact of Smoking Regulations in New York City*  
Kristi Metzger
- 191-S *The Youden Index and the Corresponding Optimal Cut-point Corrected for Measurement Error*  
Neil Perkins
- 192-S *Case-Control Study of Air Quality and Birth Defects: Comparison of Geocoded and Non-Geocoded Populations*  
Suzanne Gilboa
- 193 *Age, Period, Cohort Analysis of the Variation in Temporal Trends for Lung Cancer Incidence among Connecticut Towns, 1973-2002*  
Theodore Holford
- 194 *Bias Introduced by Stratification: An Example in the Analysis of the Relationship between Intra-Twin Birth Weight Discordance and Preterm Birth*  
Shi Wu Wen
- 195 *Correcting Effect Estimates for Unmeasured Confounding in Cohort Studies with Validation Data using Propensity Score Calibration*  
Til Sturmer
- 196-S *A Stochastic Model of Vaccine Trials for Endemic Infections Using Group Randomization*  
Thomas Riggs
- 197 *Statistical Interaction=Effect Modification? Reminder of the Importance of Evaluating for Departures from Additivity*  
Sherry Weitzen
- 198-S *A Comparison of Random Digit Dial (RDD) and Commercial Telemarketing Lists (CTL) for Population Recruitment*  
Seumas Rogan
- 199-S *Reliability of Self-Reported Household Pesticide Use*  
Melinda Aldrich
- 200 *Overcoming Barriers to Population Sampling: What Works? The Boston Area Community Health (BACH) Survey Experience*  
Jonathan L Cass
- 201 *Minimizing Information Needed for Deduplication*  
Diana Petitti
- 202 *Effect of IRB Variability on a Multi-Site Mailed Survey Protocol*  
Sarah Greene
- 203-S *Limit of Detection Bias and the Correction of Variance Estimates*  
Brian Whitcomb
- 204 *Can Blinded Interviewers See?*  
Youn Shim
- 205 *Do Mass Media Strategies Increase Enrollment in a Large Nationwide Cohort Study?*  
Terry Butler
- 206 *Correlations Between Estimated and True Dietary Intake: Using Two Concentration Biomarkers*  
Gary Fraser
- 207 *Missing Data in Dietary Epidemiology: Are Imputed Zeroes Correct?*  
Gary Fraser
- 208 *Obtaining New Information About Missing Data so that it is Formally Missing at Random (MAR)*  
Gary Fraser
- 209 *Occupations Associated with Lung Cancer in Sao Paulo, Brazil: Application of Hierarchical Regression Analysis*  
Jose Eduardo Moncau

**Wednesday, June 16**  
**Poster Session 2 Continued**

- 210-S *Distributional Interaction: Interpretational Problems When Using Odds Ratios to Assess Interaction*  
Nicolle M. Gatto
- 211-S *Recruiting Blacks to the Adventist Health Study: Are Follow-up Phone Calls an Effective Intervention for Increasing Response Rates?*  
LaShawnta Bell
- 212-S *Bias in Estimates of HIV Infection Prevalence from the Use of Snowball Sampling*  
Tom Rice
- 213 *Correcting for Bias in Case-Control Studies Using Non-Population-Based Subjects as Controls*  
Douglas Wiebe
- 214 *Identifying Predictors of Cognitive Function and Cognitive Change when the Measurement of Cognitive Function Has a Ceiling*  
Jennifer Weuve
- 215 *Validation of the Global Activity Limitation Indicator (GALI)*  
Herman Van Oyen
- 216 *Visualizing, Exploring and Modeling the Spatial Variation in Prevalence of Multiple Sclerosis in Manitoba*  
Chris Green
- 217 *Defining and Estimating Intervention Effects for Groups Who Will Develop an Auxiliary Outcome*  
Marshall Joffe
- 218-S *Are Adolescents Who Were Breastfed Less Likely to Be Overweight? Reducing the Effect of Confounding Through the Use of Sibling Pair Analyses*  
Melissa Nelson

**NUTRITION**

- 219-S *Patterns of Adolescent Physical Activity Predict Sustainability of Physical Activity into Early Adulthood: The National Longitudinal Study of Adolescent Health*  
Melissa Nelson
- 220-S *Red Meat Protein Intake Is Associated with Carotid Artery Intima Media Thickness*  
Linda Kelemen
- 221-S *Race, Alcohol Consumption and Liver Enzymes in a Population-Based Study, 1995-2001*  
Saverio Stranges
- 222 *Role of Bioelectrical Impedance Phase Angle in Assessing Nutritional Status in Advanced Colorectal Cancer*  
Christopher Lis
- 223 *Predictors and Interpretation of Missing Data on a Self-Administered Food Frequency Questionnaire*  
Karin Michels
- 224 *Variety in the Diet is Not Equal to Counting Foods*  
Janet Foote
- 225 *Comparing Dietary Patterns of African-Americans/Blacks and Whites in a Cohort Study: The Adventist Health Study - 2*  
Joan Sabaté
- 226-S *Glycemic Index, Glycemic Load, and Incidence of Endometrial Cancer: The Iowa Women's Health Study*  
Zewditu Demissie
- 227 *Effects of a High-Fiber, High-Fruit and Vegetable, Low-Fat Dietary Intervention on Serum Concentrations of Insulin, Glucose, IGF-I and IGFBP-3*  
Andrew Flood
- 228 *The Association between Macronutrient Intake and Cardiorespiratory Fitness and the Metabolic Syndrome in the Aerobics Center Longitudinal Study (ACLS)*  
Carrie Finley

Wednesday, June 16

Poster Session 2 Continued

- 229 *The Quality of Nutrient Intake Assessed by Semi-Quantitative Food Frequency Questionnaire between Residents of Rural Area and Mid-Sized City of Korea*  
Younjhin Ahn
- 230 *Prevalence of Health Risk Factors of Koreans by the Economic Status Using 1998 Korean National Nutrition and Health Examination Survey*  
Moon Hyun Kyung

**OTHER**

- 231 *Prevalence of Multiple Sclerosis in Three Geographic Areas in the United States*  
Dhelia Williamson
- 232 *Application of a Validated Method Using Medical Claims Data to Demonstrate Very High Prevalence and Incidence of Multiple Sclerosis in a Canadian Province*  
Lawrence Elliott
- 233 *A Single-Item Measure of Erectile Dysfunction for Use in Epidemiologic Studies*  
Amy O'Donnell
- 234-S *Age and Sex-Specific Incidence Rates of Fibromyalgia*  
Peter Weir
- 235-S *Skin Test Reactivity by Place of Birth of Mexican American Children Aged 6-16 Years in the US-The Third National Health and Nutrition Examination Survey, 1988-1994*  
Kamal Eldeirawi
- 236 *Prevalence of Musculoskeletal Disorders Causing Activity Limitation and Associated Factors among 19 576 Adults of the General Population in the 1998 Quebec Health Survey*  
Clermont Dionne
- 237 *Reducing Costs and Increasing Data Integrity in Epidemiologic Studies*  
Elisa Priest
- 238-S *A Twin Study of Male Factor Infertility*  
Yona Keich
- 239-S *Relationships of Body Mass Index, Waist Circumference, Waist-Hip Ratio and Body Fat Observed in the Cohort of The Korea Health and Genome Study*  
Ji Eun Lee
- 240-S *Impact of Socioeconomic Status on Willingness to Participate in Clinical Trials*  
Eric Ding
- 241 *Identifying Pregnant Women Experiencing Domestic Violence in the Emergency Department*  
Deborah Nelson
- 242 *Diabetes Treatment Outcome in Older Individuals with Diabetes and Evidence of Islet Cell Autoimmunity*  
Emma Barinas-Mitchell

5:15 – 6:45 p.m.

**LATE BREAKER SESSION**

Savoy

**Moderator: Polly Marchbanks**

- L1 *Association Between Dietary Carbohydrate Factors and Body Weight*  
Yunsheng Ma
- L2 *Reproducibility of Systematic Literature Reviews on Food, Nutrition, Physical Activity and Endometrial Cancer*  
Elisa Bandera
- L3 *Trends in Cardiovascular Disease Risk Factors According to Body Mass Index in the US*  
Edward Gregg\*
- L4 *Breast Cancer Risk Factors Associated with Interstate Migration*  
Kyndaron Reinier
- L5 *2003-04 Trivalent Inactivated Influenza Vaccine (TIV) Effectiveness: A Cohort Study at the Children's Hospital (TCH), Colorado*  
Nidhi Jain\*
- L6 *Outbreak of Rash Among School-Age Wrestlers in Utah, January 2004*  
Christina Peterson

**Wednesday, June 16**

**Latebreaker Session Continued**

- L7 *Discrimination and Low Birth Weight: Arab American Women before and after September 11*  
Diane Lauderdale
- L8 *Infant Deaths Attributed to Complex Chronic Conditions: The Role of Maternal Age and Race*  
Shervin Churchill
- L9 *Have Recent Changes in Embryo Transfer Practices Reduced the Risk for Multiple Births Associated with In Vitro Fertilization?*  
Meredith Reynolds

6:30 – 7:30 p.m. **SER Student Caucus Meeting**

**VENICE**

7:30 – 9:30 p.m. **SER Social**

**GRAND BALLROOM B**

**THURSDAY, JUNE 17, 2004****ROOM LOCATION**

7:00 a.m. – 5:30 p.m.	<b>Registration</b>	<b>GRAND BALLROOM C RECEPTION AREA</b>
7:30 – 8:30 a.m.	<b>Continental Breakfast</b>	<b>GRAND BALLROOM C</b>
7:15 – 8:30 a.m.	<b>Meet the Experts Student Session</b> (Tickets will be available at the Registration Desk, only 10 students per table. Offered only on a first-come, first-served basis. Must be a student to participate in this activity.) ---David Savitz, University of North Carolina ---Charlie Poole, University of North Carolina ---Timothy Lash, Boston University ---Noel Weiss, University of Washington	
8:30 – 10:00 a.m.	<b>Spotlight Session 3</b>	
	<b>NEW INSIGHTS IN 'GENE-ENVIRONMENT' DISEASE RELATIONSHIPS</b>	<b>GRAND BALLROOM A</b>
	<b>Moderator: Patricia Buffler</b>	
243	<i>How Many Genes Does it Take to Make an Appreciable Population Attributable Fraction of a Common Disease?</i> Quanhe Yang	
244	<i>Radon, Glutathione-s-transferase M1 and Lung Cancer in US Women</i> Matthew Bonner	
245-S	<i>Androgen Receptor and Endometrial Cancer Risk</i> Monica McGrath	
246	<i>Paraoxonase L Gene Polymorphisms and Preeclampsia Risk</i> Cuilin Zhang	
247-S	<i>Dietary Calcium, Vitamin D, VDR Genotypes, and Colorectal Cancer</i> Karen Curtin	
	<b>PREVENTING AGING: CAN LIFESTYLE OVERCOME FAMILY HISTORY?</b>	<b>MURANO</b>
	<b>Moderator: Mary Haan</b>	
248-S	<i>Survival Advantage Due to Extreme Parental Longevity: Application of the Years of Healthy Life Method</i> Peggy Cawthon	
249-S	<i>Secular Trends in Life Expectancy by Diet Status among Non-Smoking Seventh-Day Adventists</i> Noha Daher	
250	<i>Plasma Folate, Plasma Homocysteine, and Risk of Mild Cognitive Impairment or Dementia</i> Steven Edland	
251	<i>Fruit and Vegetable Consumption and Change in Cognitive Function in a Large Biracial Population</i> Martha Clare Morris	
252	<i>Leisure Physical Activity, Serum 25-Hydroxyvitamin D (25OHD) and Age in the US Population: Results from Third National Health and Nutrition Examination Survey (NHANES III)</i> Robert Scragg	
253	<i>Association of Bone Mineral Density with Cardiorespiratory Fitness in Men</i> Elisa Priest	
	<b>RACIAL INEQUALITIES IN HEALTH</b>	<b>IMPERIAL BALLROOM C</b>
	<b>Moderator: Patricia O'Campo &amp; Irene Yen</b>	
254-S	<i>Where's the Kale? Environmental Racism and Availability of Fruits and Vegetables</i> Edith Williams	
255	<i>Health Inequalities in New York City: Income and Race Stratification</i> Bonnie Kerker	

**Thursday, June 17**

**Spotlight Session 3 Continued**

256 *Individual and Neighborhood Socioeconomic Disadvantage and Periodontal Disease: The Dental ARIC Study*

Luisa Borrell

257 *A New Pathway to Decrease Differences in Mortality Rates between Blacks and Whites*

Robert Levine

**WOMEN'S HEALTH AT OLDER AGES: THE INFLUENCE OF REPRODUCTIVE EVENTS VENEZIA**

**Moderator: Marlene Goldman**

258 *Parturition Events and Risk of Urinary Incontinence in Later Life*

David Thom

259 *Parity, Breastfeeding History, VDR Genotype, and Risk of Hip Fracture in Elderly Women of Utah*

Heidi Wengreen

260 *Hysterectomy, Biosocial Factors and Coronary Heart Disease Risk in American Indian Women: The Strong Heart Study*

Ying Zhang

261-S *Clomiphene Citrate Use and Reduced Incidence of Premenopausal Breast Cancer*

Kathryn Terry

262-S *Patterns of Breast Cancer Risk following Pregnancy in a Registry-Based Study of Massachusetts Women Aged 25 - 60*

Aliza Fink

10:00 – 10:30 a.m.

**Break**

**GRAND BALLROOM C**

10:00 – 10:30 a.m.

**Judging – Poster Session 2**

**GRAND BALLROOM C**

10:30 a.m. – 12:00 noon

**Spotlight Session 4**

**ENERGY BALANCE AND CANCER RISK**

**GRAND BALLROOM A**

**Moderator: Graham Colditz**

263 *Insulin-Like Growth Factor 1, Steroid Sex Hormones, and Risk of Colorectal Cancer in Postmenopausal Women: A Case-Cohort Study, 1990-2003*

Dallas English

264 *Obesity, Location of Weight Gain, and Risk of Pancreatic Cancer in a Large United States Cohort*

Alpa Patel

265 *Anthropometric Characteristics and Risk of Multiple Myeloma: The Iowa Women's Health Study*

Cindy Blair

266 *Body Mass Index and Mortality following Colorectal Cancer in Postmenopausal Women*

V. Paul Doria-Rose

**CAUSAL ANALYSIS**

**IMPERIAL BALLROOM C**

**Moderator: Jamie Robins**

267 *Efficacy and Effectiveness of Acyclovir to Prevent Herpetic Eye Disease Recurrence*

Stephen Cole

268 *Lagged Partially Marginal Structural Models for Controlling Confounding*

Marshall Joffe

269 *Comparing Analytic Strategies Using Propensity and Disease Risk Scores: The Example of Nonsteroidal Antiinflammatory Drugs (NSAID) and Short-term Mortality in the Elderly*

Til Sturmer

270 *Comparison of Different Approaches in Using the Propensity Score*

Tobias Kurth

**Thursday, June 17**  
**Spotlight Session 4 Continued**

**SOCIAL CLASS INEQUALITIES IN HEALTH**

**MURANO**

**Moderator: James Gaudino**

- 271-S *Application of Relative Risk and Health Concentration Index to Monitoring Trends in Socioeconomic Inequalities in Obesity and Smoking among U.S. States.*  
Sam Harper
- 272 *Educational Inequality at the Neighborhood Level and Population Health*  
Sandro Galea
- 273 *Life Course Socioeconomic Position and Hypertension in Black Americans*  
Sherman James
- 274 *Poverty and Cervical Cancer Survival among South Carolina Women*  
Mary Grace Johnson

**WINING, DINING AND BREAST CANCER**

**VENEZIA**

**Moderator: Lynn Rosenberg**

- 275 *Allium Vegetables and Breast Cancer: Results from the US Component of the Polish Women's Health Study (PWHS)*  
Dorothy Pathak
- 276 *Dietary Folate Intake, Alcohol Use and Postmenopausal Breast Cancer Risk in the Prostate, Lung, Colorectal, Ovarian (PLCO) Cancer Screening Trial*  
Rachael Stolzenberg-Solomon
- 277 *Breast Cancer Risk among Non-Drinking Women*  
Inger Gram
- 278 *Risk of Second Cancers According to Body Mass Index among Breast Cancer Survivors*  
Amy Trentham-Dietz

12:00 – 1:30 p.m. **Lunch (on your own)**

12:30 – 1:30 p.m. **Lunchtime Session**

***John Snow and Epidemiology Today***

**MURANO**

Nigel Paneth  
(A lecture sponsored by the John Snow Society)

12:30 – 1:30 p.m. **Roundtable 2** (10 tickets per table, remaining tickets available at registration desk)

***Control Groups in Case-Control Studies*\*\*\***

Irva Hertz-Picciotto

***Measuring Social Status over the Lifecourse*\*\*\***

Irene Yen

***Women's Health at Older Ages: The Influence of Reproductive Events***

Marlene Goldman

***Epidemiology of Aging: Is Primary Prevention Possible in Old Age?* \*\*\***

Mary Haan

***Nonparticipation in the Genetic Component of Epidemiologic Studies***

Margaret Honein

***Epidemiology of Infection***

Thomas Glass

\*\*\*INDICATES THE ROUNDTABLE IS FULL. TICKETS NO LONGER AVAILABLE.

Thursday, June 17

1:30 – 3:00 p.m.

**Symposia 2**

279 **BAYESIAN METHODS IN EPIDEMIOLOGY** **IMPERIAL BALLROOM C**  
**Moderator: Sander Greenland**

280 *Statistics as a Hindrance and an Aid for Inference from Nonexperimental Data*  
Sander Greenland

281 *Bayesian Adjustment for Misclassification in Epidemiologic Data*  
Paul Gustafson

282 *Bayesian Isotonic Regression in Epidemiology*  
David Dunson

283 **THE FUTURE OF FOLIC ACID - BEYOND A ROLE IN THE PREVENTION OF NTDs** **MURANO**  
**Moderator: Peggy Honein**

*Role of Folic Acid in Chronic Disease Prevention*  
Shirley Beresford

*Reducing Cardiovascular Disease with the Polypill*  
Nick Wald

*Barriers to More Widespread Use of Folic Acid World-Wide*  
Dave Erickson

*Could Epigenetic Changes Be Linked to Intake of Certain Nutrients?*  
Sonja Rasmussen

284 **THE OBESITY EPIDEMIC IN CHILDREN AND ADULTS** **GRAND BALLROOM A**  
**Moderator: Lynn Moore**

*Pediatric and Neonatal Origins of Obesity*  
Matthew W. Gillman

*Behavioral and Environmental Determinants of Obesity*  
Lynn L. Moore

*The Metabolic Syndrome: The New Epidemic*  
Michael Goran

3:00 – 3:30 p.m.

**Break**

3:30 – 5:00 p.m.

**Spotlight Session 5**

**EPIDEMIOLOGIC METHODS** **GRAND BALLROOM A**  
**Moderator: Charlie Poole**

285-S *Exposure-Measurement Error Is Frequently Ignored When Interpreting Epidemiologic Study Results*  
Anne Jurek

286 *Misclassification of Strong Confounders: Artificial Reproductive Therapy, Folic Acid and the Occurrence of Twin Births*  
Owen Devine

287 *Monte-Carlo Sensitivity Analysis and Bayesian Analysis of Smoking as an Unmeasured Confounder in a Study of Silica and Lung Cancer*  
Sander Greenland

288 *Review of Evaluation of Effect Modification: Principles vs. Practice*  
Jenifer Allsworth

**Thursday, June 17**  
**Spotlight Session 5 Continued**

**PLACE AND HEALTH IN EPIDEMIOLOGIC RESEARCH**

**IMPERIAL BALLROOM C**

**Moderator: George Kaplan**

- 289 *Underlying Socioeconomic Vulnerability in Human Communities: Evidence from Ecologic Variability in Population Health*  
Sandro Galea
- 290 *Neighborhood Socioeconomic Status and the Risk of Hypertension in Black Women*  
Yvette Cozier
- 291 *Cumulative Neighborhood Disadvantage and Body Mass Index in the Baltimore Memory Study*  
Thomas Glass
- 292 *Perceived Neighborhood Problems and Quality of Life, Depressive Symptoms, and Physical Functioning among Adults with Asthma*  
Irene Yen
- 293-S *A Multilevel Assessment of Individual and Neighborhood Characteristics Associated with Smoking among Black Women*  
Geetanjali Datta

**PRENATAL AND CHILDHOOD NUTRITION AND SUBSEQUENT HEALTH**

**VENEZIA**

**Moderator: Gladys Block**

- 294 *Prenatal Nutrition and Adult Disease: Utility of Control of Confounding with Same-Sex Sibling Pairs Discordant for Exposure*  
L.H. Lumey
- 295 *Nutrition Supplementation and Later Lipid Profiles*  
Aryeh D. Stein
- 296-S *Early Childhood Dietary Patterns and Risk of Childhood Leukemia: An Exploratory Analysis of Case-Control Data*  
Marilyn Kwan
- 297 *Association between Overweight among Low-Income Preschoolers and Fruit and Vegetable Consumption*  
Elizabeth Conrey
- 298 *Are Health Care Professionals Advising Obese Patients to Lose Weight? A Trend Analysis*  
Omer Abid

**WOMEN'S HEALTH - PREGNANCY AND CHILDBIRTH**

**MURANO**

**Moderator: Jean Lawrence**

- 299 *From Menarche to Menopause: Trends among US Women Born 1908-1976*  
Hazel Nichols
- 300 *Male Age Influences the Risk of Spontaneous Abortion Independently of Female Age*  
Remy Slama
- 301 *Differences in Serum Folate Values at First Prenatal Visit by Race/Ethnicity, Vitamin Use, and Body Mass Index, 1999-2000*  
Jean Lawrence
- 302-S *Early Pregnancy Maternal Plasma Lipid Concentrations and Risk of Gestational Diabetes Mellitus*  
Daniel Enquobahrie
- 303 *Population-Based Assessment of the Risk of Cesarean Delivery Due to Excess Pre-Pregnancy Weight*  
Patricia Dietz

5:00 – 6:00 p.m.

**Poster Session 3**

**GRAND BALLROOM C**

**OCCUPATIONAL**

- 304 *WITHDRAWN*
- 305 *Retrospective Assessment of Occupational Lead Exposure in a Community-Based Case-Control Study*  
Leila Jackson

**Thursday, June 17**

**Poster Session 3 Continued**

- 306 *Differential Effect of Maternal Proxy Report of Paternal Work Histories by Exposure Assessment Method*  
Leila W. Jackson
- 307 *Liver Cancer among Shanghai Female Textile Industry Workers*  
Chin-Kuo Chang
- 308 *Occupational Exposure to Environmental Tobacco Smoke in U.S Adults: Results from the 2000 National Health Interview Survey*  
Zakia Coriaty Nelson
- 309-S *A Case-Control Study of Workplace Exacerbation of Asthma Symptoms*  
Zackary Berger
- 310 *Mortality Trends in Malignant Neoplasm of the Pleura--United States, 1979-1998*  
Ki Moon Bang
- 311-S *Median Nerve Paraesthesias in a Population*  
Matthew Thiese
- 312-S *Prevalence of Needlestick Injuries among Home Health Care Workers*  
Matthew Thiese
- 313-S *Lateral Epicondylitis in a Working Population*  
Matthew Thiese
- 314-S *The Prevalence of Rotator Cuff Problems*  
Matthew Thiese
- 315-S *Relationship between Depression, Pesticide Poisoning, and Safety Practices among Colorado Farm Residents*  
Cheryl Beseler
- 316-S *Work Compatibility: An Integrated Approach for Evaluating Musculoskeletal Disorders*  
Ash Genaidy
- 317 *Predicting "Return To Work In Good Health" among Workers with Back Pain Consulting in Primary Care Settings: A 2-Year Prospective Study*  
Clermont Dionne
- 318 *Prevalence of Musculoskeletal Pain and Associated Factors in the Quebec Working Population*  
Clermont Dionne

**PEDIATRIC**

- 319 *Impact of Residential Mobility during Childhood on Health in Adults: The Hidden Role in Adverse Childhood Experiences*  
Maxia Dong
- 320 *Pre- and Postnatal Tobacco Smoke Exposure during Childhood: A Risk Factor for Airway Disorders?*  
Michael Kulig
- 321 *Risk Factors Associated with Increased Risk for Unintentional Childhood Poisoning among Children Living on the U.S./Mexico Border*  
Kathleen O'Rourke
- 322-S *Comparison of the Risk of and the Risk Factors for Sudden Infant Death Syndrome (SIDS) between First- and Second-Born Twins*  
Zemin Bai
- 323 *School Absences Due to Asthma: A Prospective Cohort*  
Karin Yeatts
- 324-S *How Is Source of Medical Care and Vaccination Status Associated with Self-Report of Doctor-Diagnosed Asthma in Symptomatic Children?*  
Rachel Enriquez
- 325-S *Place of Birth and Prevalence of Asthma in a National Sample of Mexican American Children Aged 2 months-16 Years, The Third National Health and Nutrition Examination Survey, 1988-1994*  
Kamal Eldeirawi

**Thursday, June 17**

**Poster Session 3 Continued**

- 326-S *Risk Factors Associated with Low Birth Weight Infants: A Hospital-Based Case Control Study in Thai Nguyen Province- Viet Nam, June 2003-Dec 2003*  
Tu Phung
- 327 *Parental Characteristics and Stillbirths in an Afro-West Indian Population*  
Selby Nichols
- 328-S *Predictors of Total Lipids in Young Children*  
Molly Fiedler
- 329 *Oral Health Risk Differences in Children with Public and Private Health Insurance*  
Shervin Churchill
- 330 *Risk of Chronic Conditions in Young Children: The Role of Race and Increased Maternal Age*  
Shervin Churchill
- 331 *Otitis Media Rates in Minnesota American Indian and White 0 to 2 year-olds*  
Kathleen Daly
- 332 *Correlates of Fever in Pakistani Children*  
Masood Shaikh
- 333 *Correlates of Immunization in Pakistani Children*  
Irshad Shaikh

**PREGNANCY**

- 334-S *Air Pollution and Risk for Preterm Birth in Pennsylvania, 1997-2001: A Time Series Approach*  
Sharon Sagiv
- 335 *Pro-Inflammatory Cytokine Polymorphisms and Risk of Small-for-Gestational Age and Spontaneous Preterm Birth*  
Stephanie Engel
- 336 *Periodontal Disease and Adverse Pregnancy Outcomes: A Systematic Review*  
Xu Xiong
- 337 *The Relationship Between Pregnancy Outcomes, Health Practices and Psychosocial Profile of Pregnant Women*  
Yasmin Neggers
- 338-S *Maternal Overweight and Obesity and the Risk of Emergent Cesarean Delivery*  
Anjel Vahratian
- 339 *Does Periconceptional Maternal Undernutrition Cause Preterm Birth? Evidence from the Dutch Famine of 1944-1945*  
L.H. Lumey
- 340-S *WITHDRAWN*
- 341-S *Spontaneous Abortion and Trihalomethanes: A Reanalysis*  
Penelope Howards
- 342-S *Maternal Plasma Transforming Growth Factor- $\beta$  (TGF- $\beta$ ) Concentrations in Preeclamptic and Normotensive Pregnant Women*  
Daniel Enquobahrie
- 343 *Differences in Periconceptional Vitamin Use by Race/Ethnicity, Maternal Age, and Body Mass Index, 1999-2000*  
Jean Lawrence
- 344 *Rates of Multiple Birth before and after Fortification of Food with Folic Acid, 1994-2000*  
Jean Lawrence
- 345 *WITHDRAWN*
- 346 *Drinking Water Arsenic and Perinatal Outcomes*  
Danelle Lobdell
- 347 *Maternal Morbidity Surveillance: Comparing Hospital Discharge Data, Birth Certificates and Confidential Questionnaires*  
Nedra Whitehead

Thursday, June 17  
Poster Session 3 Continued

**PSYCHIATRIC**

- 348 *Epidemiology of Serious Mental Illness as Measured by the K6*  
Laura Pratt
- 349 *Medical and Psychiatric Comorbidity and Health Care Utilization among Children Six to Seventeen Years*  
Donald Spady
- 350 *The Impact of Pregnancy Intention on Birth Outcomes*  
Anshu Mohllajee
- 351 *Use of Veterans Health Administration Services by Self-Reported Mental Health and Racial/Ethnic Group*  
Victoria Mocerri
- 352-S *Mania in the Swedish Twin Registry: Predictors of Validity*  
Federico Soldani
- 353 *The Longitudinal Course of Probable PTSD following the September 11 Terrorist Attacks*  
Jennifer Ahern
- 354 *The Shifting Subtypes of Attention-Deficit/Hyperactivity Disorder (ADHD)*  
Andrew S. Rowland
- 355-S *Prevalence of Suicide Ideation among Low Income Women on Family-Assistance Programs*  
Marilyn Leff
- 356-S *Increased Risk for Recurrent Major Depression in DYT1 Dystonia Mutation Carriers*  
Gary Heiman

**REPRODUCTIVE**

- 357 *The Prevalence of Erectile Dysfunction Using Different Definitions: Results of the Berlin Male Study*  
Heike Englert
- 358 *GST M1 Genotype Influences Sperm DNA Damage with Exposure to Air Pollution*  
Sherry Selevan
- 359 *The Relation between Prepregnancy Body Mass Index and Preeclampsia Risk Does Not Differ among Subtypes of Preeclampsia*  
Lisa Bodnar
- 360-S *Urine Sugar Screening of Pregnant Women as a Predictor for High Birth Weight*  
Charlan Kroelinger
- 361 *Contraceptive Use by Method Type among Men and Women Using Behavioral Risk Factor Surveillance System (BRFSS) 2002*  
Brenda Colley Gilbert
- 362 *Hair Relaxer Use and Risk of Preterm Birth in the Black Women's Health Study*  
Lynn Rosenberg
- 363 *Racial Differences in Contraceptive Use among Men and Women at Risk for a Pregnancy*  
Angela D. Iuliano
- 364 *Antioxidant Intake and Genetic and Non-Genetic Sperm Endpoints*  
Suzanne Young
- 365-S *Interactions between Neighborhood Factors and Individual Susceptibility for Preterm Birth*  
Katherine Hoggatt
- 366 *Maternal Age-Dependent Recurrence of Reproductive Failure*  
Chang-Jiang Zheng
- 367 *Maternal Cigarette Smoking During Pregnancy and Daughters' Age at Menarche*  
Gayle Windham
- 368 *Age-Specific Incidence Rates for Uterine Leiomyomata in the Black Women's Health Study*  
Lauren Wise
- 369 *Relation of Perinatal Factors and Childhood Epilepsy: A Population-Based Cohort Study*  
Linda Dodds
- 370-S *Bacterial Vaginosis and Anaerobic Bacteria are Associated with Endometritis*  
Catherine Haggerty
- 371-S *Predictors of Chronic Pelvic Pain in Women with Pelvic Inflammatory Disease*  
Catherine Haggerty

**Thursday, June 17**  
**Poster Session 3 Continued**

**SCREENING**

- 372 *Sustainability of Colorectal Cancer Screening Promotion in the General Population*  
Timothy Church
- 373-S *Validity of Self-Reported Colorectal Cancer Screening in a General Population*  
Resa Jones
- 374 *Trends in Small-Area Colorectal Cancer Incidence by Age, Sex and Anatomic Subsite*  
Mario Schootman

**SOCIAL**

- 375-S *Socioeconomic and Psychosocial Exposures Across the Lifecourse and Binge Drinking in Adulthood*  
Seungmi Yang
- 376 *WITHDRAWN*
- 377 *Life-Course Contrasts in Stress Exposure and Psychological Distress among African Americans and Non-Hispanic Whites*  
John Taylor
- 378-S *Is Socioeconomic Status Related to Childhood Leukemia Incidence?*  
Crystal Luetters
- 379 *WITHDRAWN*
- 380-S *Socioeconomic Disparities in Restricted and Disturbed Sleep*  
Katie Stamatakis
- 381 *Comparing Lifestyle and Disease Patterns of African American/Blacks and Whites in a Nationwide Study*  
Susanne Montgomery
- 382 *Connecting Lifestyle to Disease and Longevity: The Adventist Health Study 2 (AHS-2)*  
Susanne Montgomery
- 383 *Race/Ethnicity, Socioeconomic Status, Age and Gender: Identifying Groups at Risk for Elevated C-Reactive Protein*  
Peter Baltrus
- 384-S *Life-Course Socioeconomic Position and Premature Mortality: Findings from the French GAZEL Cohort Study*  
Maria Melchior

**SUBSTANCE ABUSE**

- 385-S *Illicit Drug Overdose Deaths in Utah: 1991-2001*  
Patrick Luedtke
- 386 *Correlates of Smoking in High School Students*  
Farah Naz
- 387 *Heroin and Cocaine Dependence and the Risk of Accidental Non-Fatal Drug Overdose*  
Sandro Galea
- 388-S *Alcohol Attributable Fractions in Hospital Discharge Data*  
Darlene Lopez
- 389 *Gender Differences in Substance Abuse*  
H.-C. Kung
- 390 *Baseline Smoking Characteristics and Intention to Quit in Participants Enrolled in the American College of Radiology National Lung Screening Trial*  
Ilana Gareen
- 391 *The Impact Of Smoking Status And Smoking Cessation On Health Related Quality Of Life in the American College of Radiology Imaging Network National Lung Screening Trial*  
Ilana Gareen

**WOMEN'S HEALTH**

- 392-S *Cigarette Smoking, Estradiol Levels, and Hot Flashes in Midlife Women*  
Lisa Gallicchio
- 393-S *Early Life Growth and its Influence on Age at Menarche and Adult Body Size*  
Lina Titievsky

**Thursday, June 17**

**Poster Session 3 Continued**

- 394-S *Estrogen/Progestin (E+P) Therapy and Gallbladder Outcomes in Postmenopausal Women: The Women's Health Initiative (WHI)*  
Dominic Cirillo
- 395 *Stroke Risk and Tamoxifen Therapy for Breast Cancer*  
Ann Geiger
- 396 *A Case-Cohort Study of Bilateral Prophylactic Mastectomy Efficacy in Community Practices*  
Ann Geiger
- 397 *Are Differences in Urinary Incontinence (UI) Prevalence among Black v. White Women Explained by Differences in Risk Factors? A Multivariate Analysis*  
David Thom
- 398 *Endometriosis And Endometriosis-Related Morbidity In A Large Cohort*  
Roberta Ness
- 399 *Does Bacterial Vaginosis (BV) Increase the Risk of Gonococcal/Chlamydial (GC/CT) Cervicitis and Pelvic Inflammatory Disease (PID)?*  
Roberta Ness
- 400-S *Age at Natural Menopause and Factors Associated with Menopausal State among Puerto Rican Aged 40-59 Living in Puerto Rico*  
Ana Patricia Ortiz
- 401 *Age at Natural Menopause and All-Cause Mortality in the CPS-II Prospective Cohort*  
Alison Mondul
- 402-S *Adolescence Substance Abuse in Florida: Differences by Ethnicity and Language Used at Home*  
Gilbert Saint-Jean
- 403 *Change in NMR Spectroscopy-Determined Lipoprotein Subfractions with Weight Change and Hormone Therapy Use among Healthy Middle-Aged Women*  
Elaine Meilahn
- 404-S *Sexually Transmitted Re-Infections in Young, Disadvantaged Women: A Case for Future Intensive Intervention*  
Punita Sunder

6:00 – 7:00 p.m. **SER Business Meeting**

**VENEZIA**

7:00 p.m. onward **Alumni Reunions**

**CHECK MESSAGE BOARD**

**FRIDAY, JUNE 18, 2004****ROOM LOCATION**

7:00 a.m. – 12:00 noon	<b>Registration</b>	<b>GRAND BALLROOM C RECEPTION AREA GRAND BALLROOM C</b>
7:30 – 8:30 a.m.	<b>Continental Breakfast</b>	
8:30 – 10:00 a.m.	<b>Symposia 3</b>	
405	<b>OBSERVATIONAL STUDIES VS. CLINICAL TRIALS: RECENT LESSONS LEARNED Moderators: Julie Buring and Noel Weiss</b>	<b>VENEZIA</b>
	<i>Differences in the Results of Randomized Epidemiologic Studies: When Are They <u>Not</u> Due to Bias in the Nonrandomized Studies</i> Noel Weiss	
	<i>Evidence-Based Medicine Needs Medicine-Based Evidence</i> John Concato	
	<i>Combined Postmenopausal Hormone Therapy and Cardiovascular Disease: Toward Resolving the Discrepancy between the Clinical Trial and Observational Study in the WHI</i> Ross Prentice	
406	<b>INFLAMMATORY MARKERS IN EPIDEMIOLOGIC RESEARCH Moderator: Steven Kritchevsky</b>	<b>SAVOY</b>
	<i>How Inflammation Got to Be Such a Hot Topic, or Reinventing the SED Rate and Scale</i> Lewis H. Kuller	
	<i>Beyond CHD: Are Inflammatory Cytokines Biomarkers for Health?</i> Stephen B. Kritchevsky	
	<i>What Epidemiologists Should Do Next; A Biologist's Perspective</i> Russell P. Tracy	
10:00 – 10:30 a.m.	<b>Break</b>	<b>GRAND BALLROOM C</b>
10:00 – 10:30 a.m.	<b>Judging – Poster Session 3</b>	<b>GRAND BALLROOM C</b>
10:30 a.m. – 12:00 noon	<b>Spotlight Session 6</b>	
	<b>DIET AND CHRONIC DISEASE RISK Moderator: Lynn Moore</b>	<b>ENVOY</b>
407	<i>Dietary Vitamin A Intake and Bone Loss among Older Women</i> Robin Fullman	
408	<i>Nutrient Intakes from Diet and Osteoporosis Risk in Postmenopausal Women</i> Jeongseon Kim	
409	<i>Plasma C-Reactive Protein Concentrations in Active and Passive Smokers: Influence of Antioxidant Supplementation</i> Christopher Jensen	
410	<i>Dietary Factors and Risk of Rectal Cancer in Shanghai, China: A Population-Based Study</i> Katharine Kirby	
411-S	<i>A Twin Study of Genetic and Dietary Influences on Kidney Stones</i> Yona Keich	
412	<i>Replacement of Dietary Protein for Carbohydrate: Relations with Disease and Mortality</i> Linda Kelemen	

**Friday, June 18**  
**Spotlight Session 6 Continued**

**MODIFIABLE RISK FACTORS AND FEMALE CANCER:**

**VENEZIA**

**THE IMPACT OF AGE AND STAGE**

**Moderator: Carmen Rodriguez**

- 413 *Risk Factors for Breast Carcinoma In Situ vs. Invasive Breast Cancer in a Prospective Study of Pre- and Postmenopausal Women, 1996-2002*  
Kyndaron Reinier
- 414-S *Body Fatness at Young Ages and Incidence of Premenopausal Breast Cancer*  
Heather Baer
- 415-S *Oral Contraceptive Androgenicity and Ovarian Cancer Risk*  
Julia Greer
- 416-S *Anthropometric Measures, Alcohol Consumption, and the Risk of Ovarian Cancer*  
Katherine Berger

**DISCUSSANT**

Karin Michels

**TARGETS FOR CARDIOVASCULAR RISK REDUCTION**

**SAVOY**

**Moderator: Murray Mittleman**

- 417-S *Plasma Homocysteine, the Methylenetetrahydrofolate Reductase (MTHFR) C677T Polymorphism and Intima Media Thickness (IMT) among South Asian, Chinese and European Canadians*  
Linda Kelemen
- 418-S *The Association between Periodontal Disease and Risk of Non-Fatal Myocardial Infarction among Smokers and Non-Smokers*  
Oelisoa Andriankaja
- 419 **WITHDRAWN**
- 420-S *Social Ties, Cognitive Function, and Cognitive Change after Stroke*  
Maria Glymour
- 421 *Weight Loss in the Trials of Hypertension Prevention (TOHP) and Subsequent Cardiovascular Disease*  
Nancy Cook