MASTER OF PUBLIC HEALTH
CAPSTONE SYMPOSIUM

SATURDAY, MAY 8, 2004

PROGRAM

Johns Hopkins Bloomberg School of Public Health
Baltimore, Maryland
MPH CAPSTONE SYMPOSIUM  
SATURDAY, MAY 8, 2004  
PROGRAM

8:00-8:30AM  
**COFFEE AND BAGELS - SKYLIGHT COURTYARD/2ND FLOOR**  
(SESSION ONE PRESENTERS LOAD PRESENTATIONS ON LAPTOPS)

8:30-10:30AM  
**MORNING SESSION ONE**

- CANCER EPIDEMIOLOGY & PREVENTION I –  
  Susan Tonascia, John McGready & Alison Gump, Room W2033  
- CHILD HEALTH – Holly Grason, Edyth Schoenrich & Robin Pollini, Room W3031  
- ENVIRONMENTAL HEALTH – Jim Yager, John Scocca & Janet Carn, Room W2017  
- EPI & BIOST METHODS CONCENTRATION I –  
  Rosa Crum & Becky Newcomer, Room E2133 (**move to Room W2030 at 11am)**  
- EPI & BIOST METHODS CONCENTRATION II –  
  Marie Diener-West & Monnie Heminthavong, Room W2030  
- HEALTH POLICY & MANAGEMENT I –  
  Laura Morlock, Jackie Agnew & Mary Glenshaw, Room W3030  
- HIV/AIDS I – Paul Gaist, George Rebok & Shawnise Smith, Room W2008  
- INFECTIOUS DISEASES I –  
  Nathaniel Pierce, Ron Brookmeyer & Natalie Crowe, Room E2527  
- INTERNATIONAL HEALTH – Andrea Ruff, Bob Lawrence & Jaime Castillo, Room W2009

10:30-11:00AM  
**BREAK - SKYLIGHT COURTYARD/2ND FLOOR**  
(SESSION TWO PRESENTERS LOAD PRESENTATIONS ON LAPTOPS)

11:00-1:00PM  
**MORNING SESSION TWO**

- CANCER EPIDEMIOLOGY & PREVENTION II –  
  John McGready & Susan Tonascia & Alison Gump, Room W2033  
- GENDER & REPRODUCTIVE HEALTH –  
  Ellen Hutchins & Holly Grason & Robin Pollini, Room W3031  
- CLINICAL & EPIDEMIOLOGICAL INVESTIGATIONS –  
  John Scocca, Jim Yager, & Janet Carn, Room W2017  
- EPI & BIOST METHODS CONCENTRATION III –  
  Marie Diener-West, Rosa Crum & Monnie Heminthavong, Room W2030  
- SOCIAL & BEHAVIORAL SCIENCES –  
  George Rebok, Paul Gaist & Shawnise Smith, Room W2008  
- HEALTH POLICY & MANAGEMENT II –  
  Edyth Schoenrich, Laura Morlock, & Mary Glenshaw, Room W3030  
- INJURY & MENTAL HEALTH – (**go to Room W3030 for the 8:30am session)**  
  Sheila Fitzgerald, Jackie Agnew, & Paul Whong, Room W2029  
- INFECTIOUS DISEASES II – Nathaniel Pierce & Natalie Crowe, Room E2527  
- NUTRITION – Bob Lawrence, Andrea Ruff & Jaime Castillo, Room W2009

1:00-2:00PM  
**LUNCH & AWARD ANNOUNCEMENTS – WOLFE STREET CAFÉ/9TH FLOOR**
8:30-10:30AM  MORNING SESSION ONE

Cancer Epidemiology & Prevention I (5) (Tonascia, McGready, & Gump)
Room W2033

- Stefan Asmb: A Proposal for An Epidemiological Prostate Cancer Case-Control Study
- Shari Goldenberg Bolen: IGF-I and Risk of Colorectal Cancer: A Systematic Review and Meta-Analysis
- Jesus Burbano: Screening for Cervical Cancer in Developing Countries
- Seunghee Choi: Breast Cancer Intervention Program Among Korean American Women: Pilot Study
- Teresa Diaz-Montes: Endometrial Cancer Patterns Among Hispanics Living in the United States

Child Health (7) (Grason, Schoenrich & Pollini)
Room W3031

- Jonathan Brenner: Looking at Attitudes of Chiropractors Towards Routine Childhood Vaccination
- Lisa Cho: Preventive Behavioral Intervention to Reduce Risky Sexual Behavior Among Young Boys and Girls in Zambia
- Maria Giusti: Improving Asthma Care in Children in a Public Setting in Lima, Peru
- Farah Haf: Food Insecurity in Children of Legal Immigrants in Texas
- Sophia Jan: Prevention, Management & Treatment of Secondary Conditions in Spina Bifida
- Suzanne Marvin: Predictors of Small for Gestational Age Infants Based on Prenatal Variables and Measurements
- Renee Turchi: Factors Associated with Care Coordination on Children with Special Health Care Needs

Environmental Health (6) (Yager, Scocca & Carn)
Room W2017

- Ramya Chari: Measuring Air Pollutant Concentrations on the Hopkins Shuttle Buses
- Emily Connor: Childhood Exposure to Organophosphate Pesticides in Agricultural Communities: Public Health Implications and Strategies for Reducing Exposure Risk
- Joshua Garoon: The Effect of Community-Level Intervention on Uptake, Utilization and Impact of Insecticide-Treated Nets in Eastern Province, Zambia
- Babul Kulkarni: Stability of Liver Enzymes in Storage Conditions
- Saurabh Malhotra: Association of Lead and Cardiovascular Risk Factors Among U.S. Adults
- Melissa C. Opryszko: Wastewater Reuse for Recharging the Orange County, CA Groundwater Basin and the Potential for Drinking Water Contamination

Epidemiological & Biostatistical Methods for Public Health & Clinical Research
CONCENTRATION I (7) (Crum & Newcomer)
Room E2133 [***Move to Room W2030 at 11am]

- Sachin Agarwal: Trans Esophageal MRI in Conjunction with Lipid Lowering Measures
- Marian Betz: Hospitalization Rates and Diagnoses Among HIV and Individuals in a Multi-State Cohort in the United States, 2000-2001
- Manisha Bharti: Associations between HIV Risk Factors and Western Blot Indeterminate Results
- Jiunn-Rong Chen: Is Side-to-Side Luminal Diameter Difference of Common Carotid Artery (CCA) A Risk Factor for Cerebral Infarct Patients?
- Akosua Asantewa Gyekye: Glucose-6-Phosphate Dehydrogenase (G6PD) Deficiency and Malaria – A Study in a Malaria Epidemic Region in Northern Ghana
- Edward Hammond: Prevalence of HIV Among Circumcised and Uncircumcised Males in Uganda: Secondary Data Analysis of the CHER Study Date
- Karla Lawson: Secondary Data Analysis Investigating a Possible Association Between the Taql Polymorphism in the Vitamin D Receptor and Prostate Cancer Risk, Using the Clue II Data Set
Epidemiological & Biostatistical Methods for Public Health & Clinical Research
CONCENTRATION II (7) (Diener-West & Heminthavong)
Room W2030

Rebecca Lowther:  Sleep Complaints and Depressive Symptoms in Older Adults
Emily Hsiao-Fang Lu:  Burden of Shigella Infections in Maryland From 1998 to 2002
Asif Mahmood:  Risk Factors Associated with Hypertension in Rural Kyrgyzstan
David Martin:  Understanding causes underlying racial/ethnic disparities in blood pressure in participants in the Baltimore Memory Study
Anna McGovern:  Aspirin Use and Risk of Lung Cancer
Haruhiko Murata:  The Association Between the Intake of Flame-Broiled Food and Pancreatic Cancer
Soe Naing:  Relationship Between STD Transmission, Substance Abuse Among Sex Workers and the Age When They Started Sex Work

Health Policy, Management, Health Services Research I (5) (Morlock, Agnew, & Glenshaw)
Room W3030

Lee Arcement:  Assessment of the Effect of a Disease Management Model to Implement Evidenced-Based Process Measures in Indigent Patients in Rural South Louisiana with Systolic Heart Failure
Yen-Yuan Chen:  Physicians’ Duty to Care for Patients
Eric Churchill:  An Ethical and Legal Analysis of Hospice Care for Terminally Ill, Never-Competent Individuals
Erin Fuse:  A Comparison of Leading Strategies to Reduce Excess Morbidity and Mortality in Health Care Settings from Preventable Medical Errors
Janus Ong:  Health Insurance Status of Hepatitis C Infected Individuals – Analysis of NHANES III Data

HIV/AIDS in Public Health (7) (Gaist, Rebok & Smith)
Room W2008

Tsion Abdi:  HIV and Refugees
Ping An:  APOBEC3G Genetic Variants and Their Influence on AIDS
Elizabeth Jere:  Measuring Quality of ART Adherence Support Services in sub-Saharan Africa
Dhwani Mankad:  A Data-Analysis of 24 HIV Dementia Patients to Help Determine the Pathophysiology of HIV Dementia
Nia Olupona:  Capacity Building: Equipping Youths and Community to Fight HIV/AIDS with the Assistance of Community AIDS Council and Faith and Community-based Organizations in Mozambique
David Roberts:  Building HIV/AIDS Research Programs in India

Infectious Diseases I (6) (Pierce, Brookmeyer & Crowe)
Room E2527

Michael Blum:  Prelicensure Assessment of the Safety of New Vaccines: The Role of Meta-Analysis
Patrizio Caturegli:  Autoimmune Hypophysitis: Establishment of a Murine Model
Pranarkumar Dalal:  Effectiveness of Vancomycin in Preventing Central Venous Catheter Related Bacteremias in Pediatric Oncology Patients: An Observational Study
Peter Evans:  The Risk of Continued Poliovirus Transmission Following Eradication
Vernon Lee:  Global Infectious Disease Preparedness and the Impact of SARS
Laura Pacha:  Emerging Infectious Diseases: Toward a Protocol for Determining the Role of Asymptomatic Transmission and Implications for Control Measures
International Health (7) (Ruff, Lawrence & Castillo)
Room W2009

Ehtisham Akhter: Arthritis in India/Pakistan
Denise Averbug: Determinants of Social Capital of Sex Workers in Rio De Janeiro, Brazil
Maribel Gray: Improving Emergency Medical Systems: A Case Study of Pakistan
Madhuri Kasat: Childhood Diarrhea in Cameroon: Risk Factors and Health-Seeking Behaviors
Ilesh Patel: Tanzania Near Vision Impairment Project
Andrew Shannon: Evaluation of a Short-term Hospital Setting Disaster Preparedness Training Curriculum in Panama
Chizoba Wonodi: Linking School-based Family Life Education Programs to Community-based Adolescent Friendly Health Services in Nigeria: A Project Proposal

11:00-1:00PM MORNING SESSION TWO

Cancer Epidemiology & Prevention II (4) (McGready, Tonascia & Gump)
Room W2033

Samah Nour: Use of Hematological Markers to Predict Morbidity and Mortality Among HIV Infected Infants
Nina Poliak: The Increased Risk of Developing a Secondary Primary Tumor in Patients with Nonmelanomic Skin Cancer
Parth Shah: Study of Trends in Incidence and Treatment Utilization for Hepatocellular Carcinoma

Gender & Reproductive Health (7) (Hutchins, Grason, & Pollini)
Room W3031

Olufemi Adenuga: Child Spouses and Injured Wives: Addressing Early Marriage in Sub-Saharan Africa
David Asante: Male Involvement in Family Planning in Ghana
Maria Borda: Community Mobilization to Improve Pregnancy Outcomes for Rural Women in Guatemala
Bhavna Gowda: Spacing Method of Contraception – Why Is It a Failure in India?
Aisha Hughes: Analysis of Male Involvement in Adolescent Pregnancy Prevention and Fatherhood
J. Gaverick Matheny: Cost-Effectiveness of Family Planning Programs: Methods & Evidence
Aparna Vadalamani: Public Engagement: Involving the Public in Dialogue About the Development and Use of Reproductive Genetic Technologies

Clinical & Epidemiological Investigations (7) (Scocca, Yager & Carn)
Room W2017

Hossein Bahrami: The Effect of Lutein Supplementation in Preservation of Visual Function in Retinitis Pigmentosa: A Randomized Double-Blind Placebo-Controlled Clinical Trial
Dea Belazi: Incidence of Diabetes in Patients Taking Atypical Antipsychotic Medications in a Medicaid Population
Amy Gartland Egan: Study of the Role of EBV in Multiple Sclerosis
Farshid Masoudi: Improving the Effectiveness of Peri-operative Vanenmyuine Prophylaxis Administration
Amanda Singleton: Discovering Genetic Determinants of Navajo Patients with Parkinson’s disease (PD)
Madhu Varma: To Assess Whether Adalimumab has Potential Efficacy in the Treatment of Pulmonary Sarcoidosis, as Measured by Changes in Clinical, Cellular and Cytokine Profile of Patients with Interstial Lung Disease Secondary to Sarcoidosis
Epidemiological & Biostatistical Methods for Public Health & Clinical Research
CONCENTRATION III (7) (Diener-West, Crum & Heminthavong)
Room W2030

Kwabena Gyedu Osei: Analysis of Survival of Lung Cancer Patients
Avani Patel: Does Religiosity/Spirituality in Medical School Reduce the Elevated Lifetime Risk for Clinical Depression Found in Those Who Have Lost a Parent at Young Age
Soraya Rofagha: Interpregnancy Interval and Maternal and Infant Health in Nepal
Rosanna Setse: Risk Factors Associated with Incomplete Immunization in Children Hospitalized with Measles in Zambia
Sunil Solomon: Reasons for Hospitalization Among People Living with HIV/AIDS in South India: Are They Changing Over Time?
Li-Min Sun: The Assessment of Bladder Distention Effect on Dosimetry in Intracavitary Brachytherapy of Cervical Cancer via Computed Tomography – Assisted Technique
Krista Zanetti: Association of Dietary Folate Intake and Alcohol Intake with Breast Cancer Risk

Social & Behavioral Health (7) (Rebok, Gaist & Smith)
Room W2008

Charles Baffi: Influence of Morbidity on Smoking Cessation in a Cohort of Smokers
Jane Hannon: Health Care Seeking Behaviors of the Mayan in Toledo District, Belize
Ya-Chun Hsiao: Overweight Prevalence and Associated Factors Among Taitung Aboriginal and Non-Aboriginal Adolescents in Taiwan
Bindu Kalesan: The Joint Influence of Parental Modeling and Parental Concern on Adolescent Smoking
Ebioni Price: Quality of Education Literature on Cultural Competence Training in Health Professionals
Kristi Vergena Mizelle: Patient-Physician Race-Concordance and Ratings of Care: Does Trust Matter?
Donna Windish: An Innovative Curriculum Teaching the Integration of Communication and Clinical Reasoning Skills to Medical Students

Health Policy, Management, Health Services Research II (7)
(Schoenrich, Morlock & Glenshaw)
Room W3030

John Gibbons: ACGME Resident Work Hour Rules
Ki-Yeob Jeon: Who Supports Koreas Dispensing Surcharge of $6 Billion?
Salomeh Keyhani: Do Drug Prices Reflect Development Time and Government Investment
Olivia Morris: Genetic Patents and Their Implication on Public Health in the U.S.: A Closer Look at the Effect on Clinical Advances of Patient Access
Jessica O’Connell: Policy Analysis of the Effectiveness of Caps/Limits on Medical Malpractice Lawsuits
Deborah Stein: An Evaluation of the Effect of the Changing Environment of Surgical Education on Trauma Care
Mark Thomas: Describing Methods to Understand Cost-Effective Analyses of Diabetic Retinopathy Screening in Indian Country
Injury & Mental Health (8) (Fitzgerald, Agnew, & Whong)
Room W2029 [***Go to Room W3030 for the 8:30am Session]

Gregory Bledsoe: Incidence of Injury in Professional Boxing Matches
Nitin Garg: Road Traffic Injuries in India – A Situation Analysis
Shilpa Jain: Associations Between Parental Stress, the Diagnostic Process and Type of Disability in a Sample of Parents of Young Children Receiving Special Education Services
Rachel Lapidus: Identify Culturally Appropriate Mental Health Treatment Interventions for Refugees Residing in the U.S. Who Have PTSD or Experienced Severe Trauma in Their Country of Origin
Nathalie Narcisse: Hip Fracture Prevention
Laurence Polsky: Limiting the Ability of Newly Licensed Teen Drivers in Maryland to Transport Teenage Passengers

Infectious Diseases II (5) (Pierce & Crowe)
Room E2527

Kiera Goodman: Descriptive Analysis of Herpes Vaccine Trial Respondents
Claire Hannan: Implementation of the National Smallpox Vaccination Program in the States – Lessons Learned for Future Preparedness Initiatives
Rameet Singh: Comparative Efficiency of Self-swab Versus Clinical Exam for Triage/Diagnosis of Common Symptomatic Sexually Transmitted Infections in Women in Urban Practice
Peter Smit: Examining the Role of Electronic Decision Management – Tools on Physician Knowledge of Infectious Diseases in the ICU Setting

Nutrition (5) (Lawrence, Ruff & Castillo)
Room W2009

Gillian Buckley: The Impact of Five Years Steady Income on the Status of Women in Sarlahi, Nepal
Elizabeth Parle-Schmitz: Flavanols: Should There Be a DRI?
Abi Rayner: Healthy Hopkins County (Meatless Monday health communication project)
Shipra Srihari: The Phenomenon of “Eating Down” in Pregnant Women in Nepal
INTERNET PRESENTATIONS

FRIDAY, MAY 7, 2004

Session I – Faculty Moderator, Jackie Agnew

9:00-10:30AM (EDT 9:00AM = GMT -4 hours)

Garima Deveshwar (9:00-9:15) Knowledge of HIV/AIDS Prevention Among Female Adolescents in Mumbai’s Slums: Evidence from Community-level Primary Data and a Proposal for Further Research

Heather Riley (9:15-9:30) BCG Scar Formation and Tuberculin Skin Test Reaction 6 Months and 3 Years Post Vaccination with BCG in Iquitos, Peru

Peter Odermatt (9:30-9:45) Diversity of Nutrition of Pre-school Children in Rural Laos

Claudia Iota-Herbei (9:45-10:00) Problems with Hyperphosphatemia Control in 2 Hemodialysis Units in Arkansas

Lynda Redwood-Campbell (10:00-10:15) Determining the Attitudes and Barriers for HIV/AIDS/STD Disease Reporting and Partner Notification in the Caribbean

Zulfiqar Rana (10:15-10:30) Applying Rawlsian Ethical Framework to Cancer Disparities Research and Programs for Minorities in the U.S.: A Public Health Program Plan

Session II – Faculty Moderator, Edyth Schoenrich

10:45AM-12:30PM

Susan Marantz (10:45-11:00) Perinatal HIV: How to Decrease Transmission on a State Level

Lauren Mueenuddin (11:00-11:15) Reducing Maternal Mortality for a Rural Community of Women in Punjab, Pakistan

Kayo Waki (11:15-11:30) Alcohol Consumption, Dietary Fat Composition and Abdominal Obesity in Japanese and Japanese-American Subjects

Juan Silva (11:30-11:45) Eye Care Services in Primary Schools in Bogota, Colombia – A Qualitative Assessment

Rachel Eersel (11:45-12:00) Assessment of St. Maarten’s Communicable Disease Surveillance System

John Agwunobi (12:00-12:15) Incident Command Systems and Public Health Response

Sarah Nason (12:15-12:30) Accrual and Performance Barriers to Oncology Clinical Trials

Session III - Faculty Moderator, Ron Brookmeyer

4:30-6:30PM

Akinlawon Akintayo (4:30-4:45) Improving Access to Mental Health Care in Ogun-state Nigeria; An Educational Approach

Murray Stein (4:45-5:00) COMT Polymorphisms and Anxiety-Related Personality Traits

Susanne Eilts (5:00-5:15) Quantitating the Effects of Education and Literacy on Medicare Beneficiary Health Care Costs

Wendy Johnson (5:15-5:30) Using Perinatal Periods of Risk Analysis to Address Disparities in Infant Mortality and Preterm Delivery in Cleveland, Ohio

Stephen O’Barr (5:30-5:45) A Modest Proposal for a National Health Policy: Why a National Health Policy is an Urgent and Critical Priority and Some Strategies for Success Considered

Don Budenz (5:45-6:00) Optical Coherence Tomography: A New Test for the Diagnosis and Management of Glaucoma?

Jeffrey Pollet (6:00-6:15) The Pediatric Aspects of Bioterrorism Preparedness and Response

Rosemary Bolza (6:15-6:30) Running After the Kids: The Exploration of Interventions to Delay or Prevent the Development of Type II Diabetes, Using Input from Women Who Have Experienced Gestational Diabetes

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Session IV - Faculty Moderator, Sukon Kanchanaraksa

6:45-8:45PM

Mark Hall (6:45-7:00)  Michigan Public Act 57 and Mandatory Exposure Source Testing for Blood Borne Pathogens: The Five-year Kent County Experience

Sara Wiesenberg (7:00-7:15) Qualitative Study Findings on Women with Access to Health Care, But Not Undergoing Regular Pap Testing

Chip Richter (7:15-7:30) Evidence-based Medicine and Technology Assessment as a Key Component of the Managed Care Coverage Decision-Making Process

Edgar Molina (7:30-7:45) Promoting the Judicious Use of Antibiotics Among Parents in South Laredo, TX

Ed Bini (7:45-8:00) Prevalence of Gallbladder Disease Among Persons with Hepatitis C Virus Infection in the United States

Elize Gershater (8:00-8:15) The Severe Acute Respiratory Syndrome (SARS) Outbreak in Ontario: Comparison of the Two Phases

Cristian Morazan (8:15-8:30) Oral Health Care Needs Assessment of an HIV/AIDS Population in a Continuing Care Facility

Kandice Christian (8:30-8:45) Increasing Access to Primary Healthcare for Nomadic Tibetan Women and Children
Special honors are given to the 10 students listed below for the best overall capstone written projects. These students will receive a MPH capstone award plaque for outstanding achievement.

**Winner of the $500 special prize and plaque**

**Soraya Rofagha**
“Interpregnancy Interval and the Risk of Maternal Night Blindness in Rural Nepal”
Capstone Supervisor: Joanne Katz

**Edmund Bini**
“Prevalence of Gallbladder Disease Among Persons with Hepatitis C Virus Infection in the U.S.”
Capstone Supervisor: John McGready

**Nitin Garg**
“Development, Vehicles and Road Traffic Injuries: A Case Study and Review of Literature from India”
Capstone Supervisor: Adnan Hyder

**Elize Gershater Taua**
“The Severe Acute Respiratory Syndrome (SARS) Outbreak in Ontario: Comparison of the Two Phases”
Capstone Supervisor: Richard Morrow

**Amy Gilbert**
“Colorectal Cancer Screening Compliance in Maryland”
Capstone Supervisor: Norma Kanarek

**Madhuri Kasat**
“Childhood Diarrhea in Cameroon: Risk Factors and Health-Seeking Behaviors”
Capstone Supervisor: Hugh Waters

**Samah Nour**
“Use of Hematological Markers to Predict Morbidity and Mortality Among HIV Infected African Infants”
Capstone Supervisor: Taha Taha

**Abraham Thomas**
“Risk Factors for BK Virus Nephropathy in Renal Transplant Recipients—the Role of Ureteral Trauma”
Capstone Supervisor: John McGready

**Daniel Waterman**
Capstone Supervisor: Donald Burke

**Donna Windish**
“An Innovative Curriculum Teaching the Integration of Communication and Clinical Reasoning Skills to Medical Students”
Capstone Supervisor: Eric Bass