MASTER OF PUBLIC HEALTH
CAPSTONE SYMPOSIUM

SATURDAY, MAY 13, 2006

PROGRAM

Johns Hopkins Bloomberg School of Public Health
Baltimore, Maryland
MPH CAPSTONE SYMPOSIUM
PROGRAM
SATURDAY, MAY 13, 2006
Johns Hopkins Bloomberg School of Public Health
615 N. Wolfe Street

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

8:30-10:30AM  MORNING SESSION ONE

CHILD HEALTH – Holly Grason & Emma Tsui, Room W2009
CHRONIC DISEASES: CANCER & CARDIOVASCULAR DISEASE –
Jackie Agnew, James Yager & Laura Steinhardt, Room W3031
EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RES. CONCENTRATION
Marie Diener-West, Susan Tonascia & Phil You, Room W2008
HEALTH POLICY & MANAGEMENT, HEALTH SERVICES RESEARCH I –
Edyth Schoenrich, Laura Morlock & Tara Hardy, Room W3008
HIV/AIDS & STD’S IN PUBLIC HEALTH I – Andrea Ruff, Lainie Rutkow &
Monnie Heminthavong, Room W2015
INFECTIOUS DISEASES – John Scocca, Gary Ketner & Keri Althoff, Room W2017
INFECTIOUS DISEASES CONCENTRATION I– Clive Shiff, Ken Nelson &
Becky Newcomer, Room W2030
INFECTIOUS DISEASES CONCENTRATION II – Neal Halsey & Charlotte Gaylin,
Room W2033
MENTAL HEALTH – George Rebok & Paul Whong, Room W2303
PREPAREDNESS & HUMANITARIAN ASSISTANCE – Ron Brookmeyer, Sukon
Kanchanaraksa & Janet Carn, Room W3030

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

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

ENVIRONMENTAL & OCCUPATIONAL HEALTH – Jackie Agnew, James Yager &
Laura Steinhardt, Room W3031
EPI & BIOST CONCENTRATION AND CLINICAL EPIDEMIOLOGY INVESTIGATIONS–
Marie Diener-West, Susan Tonascia & Phil You, Room W2008
HEALTH POLICY & MANAGEMENT, HEALTH SERVICES RESEARCH II –
Edyth Schoenrich, Laura Morlock, Lainie Rutkow & Tara Hardy, Room W3008
HIV/AIDS & STD’S IN PUBLIC HEALTH II – Ron Brookmeyer, Sukon Kanchanaraksa &
Monnie Heminthavong, Room W2015
INFECTIOUS DISEASES CONCENTRATION III – Ken Nelson, Neal Halsey, Clive Shiff &
Charlotte Gaylin, Room W2030
INTERNATIONAL HEALTH – Andrea Ruff, John Scocca, & Althoff, Room W2017
NUTRITION – Eliseo Guallar, George Rebok & Janet Carn, Room W3030
POPULATION, ADOLESCENT & REPRODUCTIVE HEALTH – Holly Grason, Gary Ketner,
Paul Whong & Emma Tsui, Room W2009

1:00-2:00PM  LUNCH & AWARD ANNOUNCEMENTS –
9TH FLOOR, WOLFE STREET BUILDING
## 8:30-10:30AM  ALL: MORNING SESSION ONE

### Child Health (Grason & Tsui) - Room W2009

<table>
<thead>
<tr>
<th>Presenter</th>
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<tbody>
<tr>
<td>Laurie Hamilton</td>
<td>Childhood Lead Poisoning: Developing a Social Marketing Campaign to Address the Problem in Kansas City, Missouri</td>
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<tr>
<td>Megan Quick</td>
<td>Understanding and Preventing Abusive Head Trauma</td>
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<tr>
<td>Daniela Lewy</td>
<td>Sexual Abuse among Child Porters in Nepal</td>
</tr>
<tr>
<td>Tammy Budhwa</td>
<td>Breastfeeding Policies and Practices in U.S. Hospitals</td>
</tr>
<tr>
<td>Melissa Seaman</td>
<td>An Examination of Indicators of Quality Research of Haemophilus Influenzae B Infections in Children: Their Validity and Utility in Determining Incidence Rates</td>
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</tbody>
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### Chronic Diseases: Cancer & Cardiovascular Disease (Agnew, Yager & Steinhardt) - W3031

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Laura DeLong</td>
<td>Are Smoking and Occupational Exposures Associated with CTCL? A Case Control Study</td>
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<td>Hanock John</td>
<td>Cancer Screening Behaviors in Men and Women with a Smoking Cessation History</td>
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<tr>
<td>Ali Alam</td>
<td>Changes in Carotid Artery Intima Media Thickness with Statin use Among Diabetic and Non-diabetic Patients. The Atherosclerosis Risk in Communities (ARIC) Study</td>
</tr>
<tr>
<td>Ana Maria Pasatiempo</td>
<td>Asthma Management in the Latino Communities of Baltimore City: Integrating the Role of Ethnic, Cultural, and Psychosocial Factors in the Proposed Public Health Program Plan</td>
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<tr>
<td>Thomas Reznik</td>
<td>Designated Medically Underserved Areas of Maryland: Are they Satisfactory?</td>
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<tr>
<td>Jason Vassy</td>
<td>Glucose Tolerance and Japanese Ancestry in Japanese-Americans Living in Rural Hawaii</td>
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<tr>
<td>David Malaka</td>
<td>The Effect of Alcohol Consumption on Breast Cancer Risk</td>
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### Epidemiological & Biostatistical Methods for Public Health & Clinical Res. CONCENTRATION (Diener-West, Tonascia & You) - Room W2008

<table>
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<tr>
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<tbody>
<tr>
<td>Matthew Burkey</td>
<td>The Incidence of and Risk Factors for MRSA Bacteremia in an Urban HIV Cohort in the HAART Era</td>
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<tr>
<td>Rana Hamdy</td>
<td>Effect of BMI Change on Efficacy of the Ketogenic Diet</td>
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<tr>
<td>Nadine Hosten</td>
<td>The Effect of Race and Ethnicity on Infant Feeding Practices at 2-4 Months</td>
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<tr>
<td>Lindsay Kim</td>
<td>Do Environmental Control Practices Improve Inner-City Asthmatic Children's Home Environments?</td>
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<tr>
<td>Tessa Madden</td>
<td>Routine Follow Up After First Trimester Elective Pregnancy Termination and Repeat Pregnancy</td>
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<tr>
<td>Snehal Shah</td>
<td>Adherence to a 3-dose Regimen of Sulfadoxine-pyrimethamine Plus Artesunate for Treatment of Uncomplicated Malaria</td>
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<tr>
<td>Mark Siedner</td>
<td>Association between Duration of Highly Active Antiretroviral Therapy and Vascular Stiffness as Measured by Carotid Artery Elasticity and Distensability Among Participants in the Multi-Center AIDS Cohort Trial</td>
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<tr>
<td>Ananthy Thambinayagam</td>
<td>Risk Factors for HIV Among Women Attending Family Planning Clinics in South Africa</td>
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### Health Policy, Management, Health Services Research I (Schoenrich, Morlock & Hardy) Room W3008

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Marcelo Cardarelli</td>
<td>A Proposal for Hospital Excess Capacity Reduction</td>
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<tr>
<td>Stella Kinyota</td>
<td>EMS in a Developing Country; Should We Even Be Considering it? Perspectives on Kenya and Other Developing Countries</td>
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<tr>
<td>Sara Kraner</td>
<td>Indoor Smoking Bans in Places of Public Accommodation: Health and Economic Effects</td>
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<tr>
<td>Athos Patsalides</td>
<td>Imaging Self-referral and Inappropriate Use of Imaging Studies: Health System in Crisis and Patients at Risk</td>
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<tr>
<td>Ana Landa-Goldberg</td>
<td>Medical Debt</td>
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<tr>
<td>Kimberly Levinson</td>
<td>Sociodemographics and Health Care for Deaf and Hard of Hearing Individuals: National Health Interview Survey 1997-2003</td>
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</tbody>
</table>
HIV/AIDS & STD’s in Public Health I (Ruff, Rutkow & Heminthavong) - Room W2015

Jyoti Gulia  Persistence of Maternal HIV Antibodies in Children Born to HIV Seropositive Mothers in Malawi: Use of ELISA as a Measure of Seroreversion
Lisa Scotti  Grant Application for Nursing Capacity Building in HIV/AIDS Care in Three Developing Countries
Tomas Soto  Substance Abuse Service use Among Urban HIV Infected Adults with Co-occurring Mental Health and Substance use Disorders
Kimberly Spillman  A Life's Worth: The Costs, Benefits, and Means Necessary for Treating one Ugandan with Adequate AIDS Care
Carol Strong  The Association of Lifetime Sexual Assault Experiences and Risky Sexual Behaviors among Inner-City Women in a Drug-Using Community

Infectious Diseases (Scocca, Ketner & Althoff) - Room W2017

Roswell Bowersett  Lyme Disease Research Plan: Case-Control Study
Andre Wattiaux  Enterotoxigenic Escherichia Coli Infections in Travelers to Guatemala and Mexico: Association of Shedding Level with Severity of Illness and Vaccine Efficacy
Stacie Waldman  Extensively Drug-Resistant Tuberculosis: Analysis of an Emerging Threat
Rajender Agarwal  Progress in the Development of an Effective Rotavirus Vaccine
Hamet Toure  Antiretroviral Drugs: Challenges to Access, Availability and Treatment for Children in Developing Countries

Infectious Diseases CONCENTRATION I (Shiff, Nelson & Newcomer) - Room W2030

Leila Posaw  Patient Education Crisis in Emergency Departments: A Neglected Problem
Maha Ahmed-Babikir  The Role of Male Circumcision in the Prevention of HIV/STD Among Southern Sudanese
Elizabeth Roberts  Predicting H5N1 in Africa
Nyasha Bakare  The New Human Papillomavirus Vaccines: Public Health Challenges for their Introduction Globally and in Sub-Saharan Africa
Lauren Richey  The Role of Directly Observed Therapy for HIV Antiretroviral Treatment
Joanna Lowell  Analyzing the Decline of Malaria in the American South, 1930-1940

Infectious Diseases CONCENTRATION II (Halsey & Gaylin) - Room W2033
(This group attends session in W2030 at 11:00am)

Brigid Batten  Hookworm Control in South America: Chemotherapy or Vaccine?
Lindsay Grant  Can Worldwide Eradication of Measles be Achieved?
Ousmane Kouyate  Role of the Research Pharmacist in Interventional Clinical Trials for the Prevention of Diarrhea Due to Enterotoxigenic Escherichia Coli (ETEC)
Shaun Morris  A Global Review of Haemophilus Influenzae Type B Conjugate Vaccine Use and Effectiveness
Elizabeth Purdy  Health Impact and Potential Chronic Sequelae of Food and Waterborne Diseases in HIV Positive Individuals

Mental Health, Health Promotion & Injury (Rebok & Whong) - Room W2303

Eita Goto  Effectiveness of Total Health Promotion Plan (THP) to Japanese Workers (Research Proposal)
Romsai Boonyasai  How Should We Teach Quality Improvement to Health Care Providers?
A Systematic Review
Constance Hwang  Outcomes of Procedures Performed at Specialty versus General Hospitals
John Fernandes  Public Health Needs Assessment for Southeast Baltimore County
Dwight Chenette  Motorcycle Helmets: Implications of Public Policy - A Retrospective Study Post Repeal in Palm Beach County
David Anstatt  Impact of Insurance Coverage Type on Utilization of Medications in Treatment of CAD, Migraine and Depression
Preparedness & Humanitarian Assistance (Brookmeyer, Kanchanaraksa & Carn) - Room W3030

- Madeline Beal: *An All Hazards Risk Communication Policy for Worcester County, Maryland*
- Todd Gardner: *Bioterrorism Preparedness Among Military Physicians*
- Sharon Jackson: *Avian Influenza Surveillance and Response*
- Lucienne Nelson: *Native American Disaster Preparedness: The Unique Challenges*
- Hui-Shan (Jenny) Hsu: *Health Assessment of Palestinian Refugees in Lebanon*

11:00AM-1:00PM  ALL: MORNING SESSION TWO

Environmental & Occupational Health (Agnew, Yager & Steinhardt) - Room W3031

- Charles Aloe: *Evaluation of Blood Lead Levels: Predictive Sufficiency for Age Three Based on Low Levels at Ages One and Two*
- Matthew Stanberry: *In Vivo Monitoring by MRI Imaging of the Accumulation of Welding Fume-associated Manganese within the Central Nervous System using a Murine Model*
- Jill Nogi: *Baseline Analysis of and Future Recommendations for the Safe Water Systems Project of the Ministry of Public Health in the Islamic Republic of Afghanistan*
- Nneka Leiba: *Environmental Factors Related to Leptospirosis Outbreaks*
- Erin McCarville: *Risk Assessment for the Incineration of Biosolids at a Maryland Cement Kiln*
- Katherine Scott: *A Policy Review of the Suggested Enhancements in the Worker Protection Standard*

Epidemiological & Biostatistical Methods for Public Health & Clinical Research Concentration and Clinical Epidemiology Investigations (Diener-West, Tonascia & You) - Room W2008

- Bryan Bordeaux: *Factors Associated with a History of Lyme Disease on Martha’s Vineyard*
- Ruben Hernaez-Rodriguez: *Dietary Fatty Acids and the Risk of Development Type 2 Diabetes Mellitus: A Systematic Review*
- Chiwawa Msimuko-Nkhoma: *Factors Influencing Acceptability of Vaginal Gel among Sexually Active Women in Malawi*
- Crystal Wiley: *Sustainability of Community-based Interventions for Cardiovascular Risk Reduction: A Case Study and Literature Review*
- James Richardson: *Under Treatment for Coronary Disease among HIV Positive Patients with HCV Coinfection*
- Richard Weidman: *Grant Proposal for Research to Systematically Isolate and Characterize HIV-Inhibitory Viruses from Peripheral Blood Mononuclear Cells of Long-Term Non-Progressor Subjects with HIV Infection*
- John Wang: *Common Risk Factors for Cardiovascular Disease, Hypertension, and Diabetes: A Comparative Study of Physical Activity vs. Obesity in U. S. Adults*

Health Policy, Management, Health Services Research II (Schoenrich, Morlock, Rutkow & Hardy) - Room W3008

- MaryAnne Szynkowicz: *Effectiveness of a Web-based Quality Improvement Intervention for Performance Improvement in the Cardiac Catheterization Laboratory*
- Ima Chima: *A Cost Benefit Analysis of Cataract Surgery in Bangladesh*
- Raghavendracharan Makam: *Strategies and Tools for Improving Operations Management*
- Flora Kisuule: *Academics Detailing to Improve Antibiotic Prescribing Patterns of HCP at Bayview Medical Center*
- Than Aye: *Hawaii Water Fluoridation Politics: Is It Really Public Health Problem?*
HIV/AIDS & STD’s in Public Health II (Brookmeyer, Kanchanaraksa & Heminthavong) - Room W2015

Monika Doshi  Intrastate Mobility of Female Sex Workers in Southern Karnataka (India): Driving Factors and Implications on Project Design for HIV/AIDS Intervention/Prevention
Dakshinamurthy Gangadharamurthy  HIV/STIs and Truck Drivers: A Peer-led Prevention Intervention Along the Chennai-Bangalore High Way, India
Dhanesh Gupta  Drug Use and HIV Risk Behavior: Implications for HIV/AIDS Epidemic in India
Mahzad Mehrinfar  An Analysis of HIV/AIDS Epidemic in India

Infectious Diseases CONCENTRATION III ( Nelson, Halsey, Shiff & Gaylin) - Room W2030

Harjit Chahal  Need for Integrating Hib Vaccine in National Immunization Program in India
Bashiru Hamzat  Protocol for a Phase III Randomized, Double Blind, Controlled Study to Evaluate the Efficacy of RTS, S/AS02A Malaria Vaccine Candidate in Reducing Morbidity and Mortality Among Under Five Years of Age Children Exposed to Natural Malaria Infection in Osun State of Nigeria
Gautam Hebbar  A Situational Analysis of the Public Health Response Toward the Avian Flu in Vietnam
John Kraemer  Quantitation of Social Variables in Epidemics: A Computational Modeling Approach
Janet Lee  Correlates of Being Offered Treatment for Hepatitis C Virus Infection Among Injection Drug Users in 3 U.S. Cities

International Health (Ruff, Scocca & Althoff) - Room W2017

Sima Berendes  Socioeconomic Status and Reported Illness in Rural and Urban Populations in Southern Chad
Rafael Escandon  A Survey of Human Subject Research Ethics Committees in Central and Eastern Europe to Determine Opinions on; Industry Sponsored Research, Regulatory Agencies and Long-Term Access to New Drugs for Participants in Clinical Trials
Anne Morris  An Alternative to Refugee Warehousing: Strengthening Capacity of Host Country Governments
Datla Raju  A Qualitative Study of Health Seeking Behavior among the Rural Poor of Mahbubnagar District - Andhra Pradesh, India
Laura Sauve  Health Information in the Role Out of Antiretrovirals in Subsaharan Africa: An Information System for the Burkina Faso Center of Excellence for HIV, Malaria and TB
Jorge Soler  Identifying the Gaps: Community Member Perspectives on Latino Health Care Access in Baltimore

Nutrition (Guallar, Rebok & Carn) – Room W3030

Jacqueline Douge  Obesity and Overweight in Preschool Children Aged 2-6 Attending a Public Health Clinic
Seth Kagan  Predictors of Dietary Relapse Determined by Personal Digital Assistant Based Ecological Momentary Assessment
Meghan Kelly  Investigating the Role of Agricultural Policy in America's Obesity Epidemic
Gerd Bobe  Dietary Anthocyanin-Rich Tart Cherry Extract Inhibits Intestinal Tumorigenesis in APCMi Mice Fed Suboptimal Levels of Sulindac
Sarah O'Hara  Newspaper Coverage of Eating Disorders: How the News Media Perpetuate Myths About Anorexia and Bulimia

Population, Adolescent & Reproductive Health (Grason, Ketner, Whong & Tsui) – Room W2009

Ayonija Maheshwari  Health Status and Health Needs of Women and Girls Trafficked to Mumbai, India for Sex Work
Adrah Levin  The Baraka Youth Empowerment Fund: Scholarships and Summer Enrichment Programs Youth Health Survey
Nowreen Haq  Assessing the Participation of Adolescent Female Street Sex Workers in Health Care Drop-in Centers of Dhaka City: Conducting a Survey among Stakeholders of Save the Children Swenden-Denmark (SCSD) in Bangladesh
Jessica Greenberg  Beyond the ABC’s: Understanding the Context of HIV Prevalence Declines Among Ugandan Teens
Calae Dorsett-Henry  Risk and Protective Factors for Early Sexual Initiation: Findings from Bahamas Caribbean Youth Health Survey
# Internet Presentations Schedule

**Thursday, May 11, 2006**

**Session I – Faculty Moderator: Jackie Agnew and Susan Tonascia**

**Staff: Charlotte Gaylin & Janet Carn**

<table>
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<tr>
<th>Time</th>
<th>Speaker</th>
<th>Title and Abstract</th>
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<tbody>
<tr>
<td>9:00-10:45</td>
<td>Amanda Hovis (TX) 9:00-9:15</td>
<td>A WIC Internet Class Verses a Traditional WIC Class - Lessons in Food Safety</td>
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<td>Berhanu Gidada (Ethiopia) 9:15-9:30</td>
<td>Correlation between Total Lymphocyte Count and CD4 Count in HIV Exposed and Infected Infants</td>
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<tr>
<td></td>
<td>Abdulhamid Ahmed (Ethiopia) 9:30-9:45</td>
<td>A Proposal to Evaluate an Opt-out HIV Testing Approach Among Pregnant Women</td>
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<td>Rachel Barron (Balto) 9:45-10:00</td>
<td>An Examination of the Ethical Problem of Research and Clinical Application of the</td>
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<td>Katherine Dennison (DC) 10:00-10:15</td>
<td>&quot;Placebo Effect&quot; with an Emphasis on the Principles of Autonomy and Full Disclosure</td>
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<td>Colleen Heisey (VA) 10:15-10:30</td>
<td>HIV/AIDS Nutrition Policy in the U.S. and Impacts from Abroad: Ryan White CARE Act</td>
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<td>Suzanna Francis (CA) 10:30-10:45</td>
<td>Prevalence of Trichomonas Vaginalis and Mycoplasma Genitalium in Rectal Specimens</td>
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**Session II – Faculty Moderator: Ron Brookmeyer & Holly Grason**

**Staff: Charlotte Gaylin & Tara Hardy**

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<tbody>
<tr>
<td>11:30-12:45</td>
<td>Harold Campbell (CO) 11:30-11:45</td>
<td>Fit Over Fifty: Interviews with 50 People Over 50 on Their Strategies for Staying Fit</td>
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<td>Bryan Apt (Iowa) 11:45-12:00</td>
<td>Long-term Adverse Effects of Psychostimulants to Treat Attention-Deficit Hyperactivity Disorder (ADHD) in Children: A Review of the Literature</td>
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<td>Barbara Ship (MD) 12:00-12:15</td>
<td>Employment-Based Wellness Programs - Do They Really Improve the Bottom Line?</td>
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<td></td>
<td>Cindy Barrigan (VA) 12:15-12:30</td>
<td>Improving the Management of Disasters and Complex Humanitarian Emergencies through Better Health Information: Issues, Challenges and Opportunities for Health Information Systems</td>
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<tr>
<td></td>
<td>Barbra Bell (FL) 12:30-12:45</td>
<td>A Pathway to Racial Disparity in Infant Mortality in Florida: An Analysis of the Impacts of Poverty and Social Disadvantage on Perinatal Mortality among Pregnant African American Teens</td>
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</table>
Session III - Faculty Moderator: Sukon Kanchanaraksa & Edyth Schoenrich  
Staff: Charlotte Gaylin & Becky Newcomer

4:30-6:30PM

David Folsom (CA) 4:30-4:45: VCARE: An Intervention for Dually Diagnosed Homeless  
Osman Khawar (CA) 4:45-5:00: Idiopathic Contrast Nephropathy in a Community Hospital: An Analysis  
Jeffrey Killip (WA) 5:00-5:15: The Public Health Problem of Tobacco Use: Tobacco Control in the United States, Project ASSIST, and an Analysis of the Public Health Problem of Tobacco Use in Washington State  
Liana Wu (CA) 5:15-5:30: Pay for Performance: The Effect of Financial Incentives on Child Immunization Rates  
Diana Danielson (VA) 5:30-5:45: How Hospital Policies and Practices Influence the Nursing Shortage  
Leslie Degnan (MD) 5:45-6:00: The Problem of the Uninsured  
Gina Eriksson (MD) 6:00-6:15: Abused Men: An Overlooked Population of Victims of Intimate Partner Violence  
Cecilia Fabrizio (CT) 6:15-6:30: Minority Participation in Breast Cancer Clinical Trials

Session IV - Faculty Moderator: Sukon Kanchanaraksa & Gary Ketner  
Staff: Charlotte Gaylin & Becky Newcomer

7:00-8:45PM

Donald Jenkins (FL) 7:00-7:15: Implementation and Evaluation of a Program to Facilitate Hospital Discharge  
Jing Wang (Beijing) 7:15-7:30: The Use of Participatory Material Development in Rural Minority Populations of Western China to Promote the Consumption of Iodized Salt  
Haruo Hashimoto (Tokyo) 7:30-7:45: Need for Regular Functional Testing of Portable Gas Detection Equipment: Evaluation of Field Failure Rates and Interventions in Japan  
William Hung (Balto) 7:45-8:00: Association of White Blood Cell Count and Insulin Growth Factor (IGF-1) Levels in Community Dwelling Older Women  
Melissa Riester-Hartsell (FL) 8:00-8:15: Migraine and the American Worker: A Delayed Onset Association  
Donald Arnold (TN) 8:00-8:15: Development of a Pediatric Acute Asthma Prediction Rule for Severity and Outcome  
Lydia Giordano (Balto) 8:30-8:45: Eight Year Refractive Changes in an Adult Population

FRIDAY, MAY 12, 2006

Session I – Faculty Moderator: Ron Brookmeyer & Edyth Schoenrich  
Staff: Charlotte & Janet Carn

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

Udah Deshmukh (PA) 9:00-9:15: Human Embryonic Stem Cell Research: Science, Ethics and Policy – A Study to Identify Barriers  
William Mezzanotte (PA) 9:15-9:30: A Population-Based Health Management Plan to Enhance Employee Wellness and to Control Costs at AstraZeneca  
Alex Krist (VA) 9:30-9:45: A Preventive Care Website to Promote Primary and Secondary Prevention of Common Cancers  
Hong Li (Balto) 9:45-10:00: Carotid MRI T2 Measurements in Right vs. Left Common Carotid Arteries and by Center: The ARIC Study  
Sheila Madhani (DC) 10:00-10:15: The Impact of the Medicare Home Health Prospective Payment System: A Case Study of California  
Aisha Mix (MD) 10:15-10:30: Key Determinants of Homelessness and Adolescent Pregnancy: Strategies for Prince George's County, Maryland
Session II – Faculty Moderators: Marie Diener-West & Jackie Agnew  
Staff: Charlotte Gaylin & Tara Hardy

11:30AM-12:45PM

Pat Bass (LA) 11:30-11:45:  
Promoting Physical Activity in a Low Literate, Health Disparate Population
Jennifer Stanton (IL) 11:45-12:00:  
The Nutritional Value of Cereals Marketed to Children
Aaron Mooney (Balto) 12:00-12:15:  
Food Security Among Residents and Internally Displaced Persons (IDPs) of Western Darfur are Increasingly Threatened, 2003-2006
Arpana Narain (MD) 12:15-12:30:  
Health Care in the United States: An Evaluation of the Problems with Access to Care
Marilyn Waters (PA) 12:30-12:45:  
Herpes Zoster Disease: Natural History, Vaccine Development, Policy, Demand and Delivery Considerations

Session III - Faculty Moderator: Sukon Kanchanaraksa & Gary Ketner  
Staff: Charlotte Gaylin & Becky Newcomer

4:30-5:45PM

Alyson Schwaber (VA) 4:30-4:45:  
The Effect of the Anti-prostitution Policy on HIV/AIDS Services for Commercial Sex Workers: A Case Study from Senegal
Andrew Lundeen (DC) 4:45-5:00:  
The Promise of Retail Clinics – And the Challenge for Primary Care
Patricia Sansaricq (PA) 5:00-5:15:  
Social and Behavioral Factors in Early Childhood Caries Prevention and Treatment
Elizabeth Barr (CA) 5:15-5:30:  
Will Current Drinking Water Treatment Systems Withstand Chemical and Biologic Attack? Analysis through Two Case Studies
Colleen Minier (New Zealand) 5:30-5:45:  
Overweight in Adolescence: How the State of Maine is Addressing Teenage Weight Problems
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**

**David Windt**

“Pathway to Preparedness: A Social Marketing Strategy for Disaster Preparedness in 5 Counties in the State of MD”
Capstone Supervisor: James Williams; Advisor: Jane Bertrand

**Cristina Cardemil**

“A Review of World Bank Projects Addressing Maternal and Child Undernutrition in High-Burden Countries”
Capstone Supervisor/Advisor: Robert Black

**Haruo Hashimoto**

Capstone Supervisor/Advisor: Patrick Breysse

**Nadine Hosten**

“The Effect of Race and Ethnicity on Infant Feeding Practices at 2-4 Months of Age”
Capstone Supervisor: Donna Strobino; Advisor: Paul Gaist

**John Kraemer**

“Quantitation of Social Variables in Epidemics: A Computational Modeling Approach”
Capstone Supervisor/Advisor: Donald Burke

**Rachel Kramer**

“Medicare Physicians’ Services Payment Policy Reform: A Case Study of Diagnostic Imaging”
Capstone Supervisor/Advisor: Kevin Frick

**Nneka Leiba**

“Environmental Factors Related to Leptospirosis Outbreaks”
Capstone Supervisor/Advisor: Jackie Agnew

**Rajesh Panjabi**

“HIV/STD Risks and the Influence of Alcohol Use among Young Methamphetamine Users in Northern Thailand”
Capstone Supervisor/Advisor: David Celentano

**Alicen Spaulding**

“We Talk of AIDS Because We Love Life”: A Stakeholder Assessment Using Qualitative Interviews of HIV Prevention Institutions in Buenos Aires, Argentina
Capstone Supervisor/Advisor: William Brieger

**Matthew Stanberry**

“In Vivo Monitoring by MRI Imaging of the Accumulation of Welding Fume-associated Manganese within the Central Nervous System using a Murine Model”
Capstone Supervisor/Advisor: Alison Geyh