Master of Public Health
Capstone Presentations
May 11, 2013

Program

Johns Hopkins Bloomberg School of Public Health
Baltimore, Maryland
MPH CAPSTONE SYMPOSIUM
SATURDAY, MAY 11, 2013
Johns Hopkins Bloomberg School of Public Health
615 N. Wolfe Street

7:45-8:30AM  COFFEE AND BAGELS – COURTYARD 1, 1ST FLOOR
(SESSION ONE PRESENTERS LOAD PRESENTATIONS ON LAPTOPS)

THE FOLLOWING SESSIONS WILL BEGIN AT 8:00AM:
EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION I (8:00-10:30AM) – Rosa Crum & Alyssa Frazee, Room W3008

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION II (8:00-10:30AM) – Marie Diener-West, Room W2008

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION III (8:00-10:30AM) – John McGready & Jose Flores
Room W2015

8:30-10:30AM  MORNING SESSION ONE

CHILD & ADOLESCENT HEALTH – Donna Strobino & Shirin Wadhwaniya
Room W2009

CLINICAL EPIDEMIOLOGY INVESTIGATIONS AND CANCER EPIDEMIOLOGY
– Randy Bryant & Susan Tonascia, Room W4019

ENVIRONMENTAL/OCCUPATIONAL HEALTH AND INJURY PREVENTION –
Jackie Agnew, Room W4013

FOOD, NUTRITION & HEALTH CONCENTRATION – Eliseo Guallar &
Emily Hurley, Room W3031

HEALTH IN CRISIS AND HUMANITARIAN ASSISTANCE CONCENTRATION I –
Shannon Doocy & Courtland Robinson, Room W4030

HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION I –
Anbrasi Edward & Ann-Michele Gundlach, Room W2030

HEALTH POLICY & MANAGEMENT I – Edyth Schoenrich & Kevin Fain
Room W2017

INFECTIONIOUS DISEASES CONCENTRATION AND CUSTOMIZED –
Kenrad Nelson & Clive Shiff, Room W2033

INTERNATIONAL HEALTH I – Andrea Ruff & Poojitha Balakrishnan
Room W2303

10:30-11:00AM  BREAK - COURTYARD 1, 1ST FLOOR
(SESSION TWO PRESENTERS LOAD PRESENTATIONS ON LAPTOPS)
MPH CAPSTONE SYMPOSIUM

May 11, 2013
(CONTINUED)

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

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION IV – Stephen Gange & Alyssa Frazee, Room W3008

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION V – Rosa Crum, Room W2008

EPI & BIOST METHODS FOR PUBLIC HEALTH & CLINICAL RESEARCH
CONCENTRATION VI – Marie Diener-West & Jose Flores, Room W2015

HEALTH LEADERSHIP & MANAGEMENT CONCENTRATION II – Anbrasi
Edward & Ann-Michele Gundlach, Room W2030

HEALTH POLICY & MANAGEMENT II – Edyth Schoenrich & Kevin Fain
Room W2017

HEALTH IN CRISIS AND HUMANITARIAN ASSISTANCE CONCENTRATION II
& CUSTOMIZED – Shannon Doocy & Courtland Robinson, Room W4030

INFECTIOUS DISEASES CUSTOMIZED – Kenrad Nelson & Clive Shiff
Room W2033

INTERNATIONAL HEALTH II AND HIV/AIDS IN PUBLIC HEALTH –
Andrea Ruff & Poojitha Balakrishnan, Room W2303

NUTRITION – Eliseo Guallar & Emily Hurley, Room W3031

SOCIAL & BEHAVIORAL SCIENCES, AGING & CHRONIC DISEASES –
Jackie Agnew & Elizabeth Rhoades, Room W4013

TOPICS IN PUBLIC HEALTH INTERVENTION – Randy Bryant & Susan Tonascia,
Room W4019

WOMEN’S & REPRODUCTIVE HEALTH – Donna Strobino & Shirin Wadhwaniya
Room W2009

1:00-2:00PM  LUNCH & AWARD ANNOUNCEMENTS – FEINSTONE HALL
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Moderators</th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00-10:30am</td>
<td>Epi &amp; Biostat Methods for Public Health &amp; Clinical Research Concentration I</td>
<td>Rosa Crum, Alyssa Frazee</td>
<td>Colonization of pets with Staphylococci in homes of people with methicillin-resistant Staphylococcus aureus (MRSA) SSTI</td>
<td>Amy Brazil</td>
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<td></td>
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<td>Risk Factors for Active Tuberculosis Infection After the Treatment of Latent Tuberculosis in HIV-Infected Adults</td>
<td>Kojo Amoakwa</td>
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<td>Trends in mortality and age: a comparison of open versus endovascular repair of asymptomatic abdominal aortic aneurysms in the ACS NSQIP data.</td>
<td>Isibor Arhuidese</td>
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<td>The Effect of Personal Genital Hygiene on High Risk Human Papilloma Virus Prevalence in Men</td>
<td>Judine Berlus</td>
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<td>Hymenolepis nana infection: associated factors and correlation between parasitic load and symptoms in the northern coast of Peru</td>
<td>Javier Bustos</td>
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<td>Reverse Triage in Pediatrics: A New Method to Increase In-Hospital Surge Capacity</td>
<td>Eben Clattenburg</td>
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<td>Assessing Effectiveness of Interventions between Neighborhoods in the Western Area District of Sierra Leone based on Case Fatality Ratios for the Current Cholera Epidemic</td>
<td>Fatmata Daramy</td>
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<td>Community level factors associated with increased prevalence of syphilis in Rakai, Uganda</td>
<td>Jonathan Dyal</td>
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<td>Prevalence and Risk Factors for Thyroid Dysfunction in the U.S.</td>
<td>Youssef Farag</td>
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<td>8:00-10:30am</td>
<td>Epi &amp; Biostat Methods for Public Health &amp; Clinical Research Concentration II</td>
<td>Marie Diener-West</td>
<td>Predictors of Leisure Activity Engagement Among Older Adults: Findings from the Health and Retirement Study</td>
<td>Tiffany Ho</td>
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<td>Associations of blood lead with kidney outcomes and effect modification by cadmium in adolescents living near a smelter</td>
<td>Venmanassery Gopinath</td>
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<td>Estimating the impact of PEPFAR's support for adult ART in Africa</td>
<td>Joseph Fu</td>
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<td>Association of Neonatal mortality with neonatal hypothermia in rural Bangladesh</td>
<td>Ena Gupta</td>
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<td>Determinants of HIV Knowledge and Condom Use Among Female Sex Workers in Kabul, Afghanistan</td>
<td>Bhakti Hansoti</td>
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<td>Risky Sex Partner Selection and STI Risk Among Adolescent Males and Females in Baltimore</td>
<td>Christina Hanna</td>
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<td>Disease self-management characteristics of HIV-positive individuals who use complementary and alternative medicine</td>
<td>Lauren Fayish</td>
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<td>The Role of Preschool Education on Childhood Cognition in Rural Nepal</td>
<td>Devan Jaganath</td>
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<td>The Relationship Between Process and Outcomes Measures for Postoperative Venous Thromboembolism in Publicly Reported Hospital Compare Data</td>
<td>Eric JohnBull</td>
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Epi & Biostat Methods for Public Health & Clinical Research Concentration III

8:00-10:30am  Moderators: John McGready  Jose Flores

Chun-Hao Lee  The Surgical Outcome of Modified Bleb Needling
Caitlin Martin  Contraceptive use among female sex workers in 3 Russian Cities
Hyunseok Kim  A proposal for a criteria of OncotypeDX diagnosis test
Yuhree Kim  Association of high-Sensitivity TnT and NT pro-BNP with incident End Stage Renal Disease
Donald Lucas  Predicting Readmission after General, Vascular, and Thoracic Surgery using ACS-NSQIP
Xun Luo  The independent risk predictors of malignancy in patients with thyroid nodules and cytopathology second review
Seung chik Jwa  Regional Differentials and Determinants of Maternal Mortality in Ghana
Ghulam Abbas Kharal  To study the effect of intensive blood pressure control on clot expansion in patients with hemorrhagic stroke
Yen-Yi Juo  Cost and Outcome Analysis of Robotic, Laparoscopic, and Open Colectomy: A National Study

Child & Adolescent Health

8:30-10:30am  Moderators: Donna Strobino  Shirin Wadhwniya

Beverly Campos-King  Relationship between foreign-born status of Hispanic parents in the United States and developing obesity amongst their children. A review of the literature
Andrea Thompson  Development of a Maternal and Child Health Program Plan for the IRC-Baltimore
Crystal Shen  Sexually Transmitted Diseases and Risk Factors Among Adolescent Patients Attending Inner City Public STD Clinics in Baltimore, MD, 2005-2010
Karambir Singh  Seroprevalence of Measles, Mumps, Rubella and Varicella (MMRV) of Detained Youth in Maryland Department of Juvenile Services
**Clinical Epidemiology Investigations & Cancer Epidemiology**

**Moderators:** Randy Bryant  Susan Tonascia

- **Kunal Narang**
  Hospitalizations for Traumatic Brain Injury (TBI) Among Older Adults in the United States from 2000 to 2010

- **Christina Obiero**
  Prevalence and association of vitamin D deficiency with severe or very severe pneumonia among hospitalized children in rural Kenya: a case-control study.

- **Aitua Salami**
  The effect of post operative surgical complications on time to adjuvant therapy for pancreatic adenocarcinoma

- **Phyllis Yang**
  Association of Enrollment in a Comprehensive Outpatient Care Program and Primary Care Utilization Among Uninsured East Baltimore Adults

- **Mandeep Virk-Baker**
  Dietary acrylamide and human cancer

- **Christopher Wagner**
  Patient, Provider, Visit and Care Characteristics of Users and Non-Users of Buprenorphine among Opioid-Dependent Adults in the United States, 2005-2010

- **Markos Kashiouris**
  An Electronic Handoff Tool Improved Patient Safety in Acute Care: A Randomized Control Trial

- **Emily Little**
  Patient Preferences in the Treatment of Type-2 Diabetes with Insulin: A Systematic Review

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**Environmental/Occupational Health & Injury Prevention**

**Moderator:** Jackie Agnew

- **Sean Bialosuknia**
  Radiation Exposure Outcomes in Shipyard Workers

- **Guilherme Andrade**
  What’s in it for me? Strategies to improve participation rates in the FedStrive Program – an integrated health, wellness and work/life balance approach to federal employees

- **Nukhba Zia**
  Burden of disability and associated risk factors: Analysis of data from Uganda National Household Survey 2005 – 06

- **Inyang Uwak**
  Pandemic flu emergency preparedness in Africa: effectiveness of public health surveillance systems

- **Brenda Onguti**
  Assessment of an information program for reducing the risk of Road Traffic Injuries among U.S. Students travelling abroad.
Food, Nutrition & Health Concentration

8:30-10:30am  Moderators:  Eliseo Guallar  Emily Hurley

Kristi Hoffman  
Diet and Bladder Cancer: How Meat, Fruit and Vegetable Consumption Impact Disease

Brenda Campos-Spitze  
Cardiovascular Disease and its Risk Factors among the U.S. Latino population: An Overview and the Use of Community Health Workers as a Prevention Strategy

Estefania De La Paz Nicolau  
The change in microbiome and it's association with weight loss in patients undergoing bariatric surgery

Matthew Thompson  
A Framework for Assessing the Physiological Basis of Site-dependent Cancer Risk Reduction by Dietary Bioactive Food Components

Health in Crisis & Humanitarian Assistance Concentration I

8:30-10:30am  Moderators:  Shannon Doocy  Courtland Robinson

Joongsik Jeong  
Characteristics and outcomes of community-acquired bloodstream infection among homeless people in Seoul, Korea

Amy Drayton  
Morbidity and Mortality from Pakistan Flood

Meta Mobula  
Evaluation of Cholera Surge Response Plan at Seven Teaching Hospitals in Haiti

Jeffrey Caulfield  
Proposal for an Evaluation of an Obstetrics Emergency Transportation Program in Cap-Haitien, Haiti

Alicia Hernandez  
Program Planning for Syrian Refugees of the Bekaa Valley: A Community Health Education Intervention
**Health Leadership & Management Concentration I**

8:30-10:30am  
Moderators: Anbrasi Edward  
Ann-Michele Gundlach

- **Elie Al Kazzi**  
  Public health and diplomacy

- **Hamish Graham**  
  Translating Evidence to Practice: A qualitative evaluation of clinician perspectives and use of Paediatric Clinical Guidelines in Afghanistan

- **Sarah Laaff**  
  Pakistan’s 18th Constitutional Amendment: Implications and recommendations for managing the Expanded Program on Immunization under decentralization

- **Melissa Chew**  
  Measuring and Qualifying Medication Adherence in Western Africa

- **Carolyn Keefe**  
  Literature review on the abolishment of user fees in sub-Saharan Africa

- **Pouya Dastouri**  
  Implementation of Adult Trauma Life Support (ATLS) as the standard of care for treatment of road traffic accident patients in Namazi Hospital, Shiraz, Iran.

- **Laura Camarata**  
  Evolving Methodology and Impact of Photovoice and Photonovella Process in Developing and Presenting Messages with Targeted Underrepresented Populations

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**Health Policy & Management I**

8:30-10:30am  
Moderators: Edyth Schoenrich  
Kevin Fain

- **Christina Lopes**  
  From Patient to Consumer: Healthcare Costs and Outcomes in Consumer Driven Models

- **Eman Alqahtani**  
  Minimizing Radiation Exposure in Neonatal Intensive Care Unit by Obtaining High Quality Plain Film Radiographs

- **Jennifer Pahira**  
  ACO Readiness and Academic Medical Centers

- **Claudia Green**  
  Pharmacy Compounding and the Regulatory Environment

- **Yasser Alsharqi**  
  Reasons and Potential Solutions for Predicted Primary Care Physician Shortage in The United States

- **Charles Berko**  
  The Psychosocial Impact of Maternal Breast Cancer on the Spouse and Children: A Literature Review
Infectious Diseases Concentration & Customized

8:30-10:30am  Moderators: Kenrad Nelson  Clive Shiff

Kerry Morrison  Unlocking the Epidemic Potential of Zoonotic Hepatitis E Virus in Southeast Asia
Matilda Ogundare  Bangladesh Neonatal Sepsis Study
Sara Phillips  Evaluating Pregnancies in a TB-chemoprophylaxis Trial in HIV-positive Women in South Africa
Erika Lobe  STD trends in the population over 55 years of age
Alexandra Thomas  Retrospective Assessment of Central Line-Associated Blood Stream Infection Mortality in a Regional Burn Center

International Health I

8:30-10:30am  Moderators: Andrea Ruff  Poojitha Balakrishnan

Lucy Marcil  Preparation of a Field Guide for Establishing Community Partnerships, Mapping, and Census Taking in Slum Communities by the BRAC Manoshi Project in Urban Bangladesh
Remy Serge Manzi Muhire  Analysis of qualitative evaluation of Care Group child survival project evaluations
Craig Appl  Program Evaluation: Maiti Nepal - Reporting the Flow of Information for Real World Activities that Combat Sex Trafficking in Nepal
Pratiksha Vaghela  Reducing the burden of childhood home injuries: Preliminary phase of the pilot study in Malaysia
Molly Hartman-O`Connell  Risk Factors Associated with Depression among Intravenous Drug Users in Vietnam
**Epi & Biostat Methods for Public Health & Clinical Research Concentration IV**  
11:00am-1:00pm  
Moderators: Stephen Gange  
Alyssa Frazee

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**Peng-Chou Tsai**  
Disparity in report of autism-related behaviors by socio-demographic characteristics: findings from a population-based study in Taiwan

**Chien-Hsiang Weng**  
Clinically Applicable Benchmarks for Screening Tests of Pancreatic cancer – examination of the sensitivity and specificity benchmarks necessary for pancreatic cancer early detection screening in various moderate to high-risk populations.

**Sommer Wild**  
Improved Survival after Lumpectomy with Radiation in Women with Early Stage Breast Cancer

**Brian Wahl**  
Factors Affecting Policy Decisions to Introduce Pneumococcal Conjugate Vaccine in Low and Middle Income Countries: A Multivariate Analysis

**Han Wang**  
Relation of ventricular premature complexes(VPCs) to the risk of dementia (the Atherosclerosis Risk in Communities [ARIC] study).

**Bonnie Wong**  
High or Low Individual Pain Tolerance and Effect of Predictive Cues on Perceived Pain

**Ching-Wei Tsai**  
Cystatin C and creatinine-based estimated glomerular filtration rate, vascular complications, and mortality in persons with diabetes

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**Epi & Biostat Methods for Public Health & Clinical Research Concentration V**  
11:00am-1:00pm  
Moderator: Rosa Crum

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**Karman Tandon**  
The Relationship of Bone Mineral Density to Aortic Valve Calcium in the Multi Ethnic Study of Atherosclerosis

**Madelyn Siwady**  
Association of Blood Pressure and Left Ventricular Hypertrophy in Children with Chronic Kidney Disease

**Ashley Smith**  
Trends in Risk-taking and Health-Seeking Behavior Among Young Bisexual and Lesbian Women: A cross-sectional study

**Lino Rafael Trinidad**  
Factors Associated With Sexual Concurrency Among Stable Heterosexual Partnerships in South Africa

**Jonathan Strong**  
The Impact of the Humanitarian Response on Household Well-being of Flood-affected Populations in Pakistan in 2010

**Bethel Shiferaw**  
The effectiveness of IPT in reducing TB incidence among HIV patients

**Arielle Slam**  
Social Capital and Risky Behavior: How social capital influences risky behavior in men who have sex with men in Moscow, Russia

**Michael Tran**  
Analyzing the Mobile Divide: Modeling Predictors of Household Phone Ownership over Time
### Epi & Biostat Methods for Public Health & Clinical Research Concentration VI

**W2015**

**11:00am-1:00pm**  **Moderators:** Marie Diener-West   Jose Flores

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>Sun Hee Park</td>
<td>The effect of duration of antibiotics therapy on clinical outcomes in pediatric patients with gram negative bacteremia</td>
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<td>Hiten Patel</td>
<td>Prostate-Specific Antigen Velocity Risk Count Predicts Biopsy Reclassification for Men with Low Risk Prostate Cancer</td>
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<td>Chike Nwabuo</td>
<td>Factors associated with non-adherence to doctor appointments among severely hypertensive African Americans</td>
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<td>Mekam Okoye</td>
<td>Food Aspiration in Children</td>
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<td>Fauziah Putri</td>
<td>Body Mass Index as Predictor for Sputum Conversion among Multidrug Resistant Tuberculosis Patients at Persahabatan Hospital, Jakarta, Indonesia 2009-2011</td>
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<td>Nikhilesh Ray-Mazumder</td>
<td>Pre-Hospital Care of Urban Gunshot Wound Victims: Are we doing it right?</td>
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<td>Priya Mathews</td>
<td>Utility of OSDI to Assess Glaucoma-Related Ocular Surface Disease</td>
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<td>Israel Olorundare</td>
<td>Factors Associated with Early Failure of Infra Inguinal Lower Extremity Arterial Bypass Procedures</td>
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### Health Leadership & Management Concentration II

**W2030**

**11:00am-1:00pm**  **Moderators:** Anbrasi Edward   Ann-Michele Gundlach

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<thead>
<tr>
<th>Speaker</th>
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<tbody>
<tr>
<td>Anupama Sundar</td>
<td>Assessing environmental policies to reduce high risk drinking on college campuses in Maryland</td>
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<tr>
<td>Ravi Pandit</td>
<td>Managing Disruptive Innovation: Can We Re-Imagine Glaucoma Care using Health Information Technology?</td>
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<td>Michael Stromberg</td>
<td>The Efficacy of Mental Health Awareness Campaigns</td>
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<td>Amyn Malik</td>
<td>Comparison of ACF as compared to PCF in community based diagnosis of TB in Karachi.</td>
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<td>Elda Lazaro</td>
<td>Improving Services and Coordination of Care for Patient Navigation Network Management in Cancer Care in Maryland</td>
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</tbody>
</table>
Master of Public Health Capstone Symposium, May 2013

Health Policy & Management II
11:00am-1:00pm  Moderators:  Edyth Schoenrich  Kevin Fain

Bryce Spitze  
Does payor affect waiting periods for the non-emergent treatment of cholelithiasis?

Peter Subkoviak  
How a Bill Becomes a Law - Campaign donations, lobbying, and the pharmaceutical industry

Jennifer Heffernan  
Driving Consensus Among Competitors: Public and Private Payer Collaboration in the Creation of a Singular, Aggregated Claims-Based Feedback Report to Primary Care Practices

Trinidad Solis  

Andrea Koh  
A Comparison of Out-of-Pocket Pharmaceutical Drug Spending by the Elderly in the US and Singapore

Meagan Alley  
Uninsured in Louisiana: When the ACA Medicaid Expansion Doesn't Happen

Health in Crisis & Humanitarian Assistance Concentration II & Customized
11:00am-1:00pm  Moderators:  Shannon Doocy  Courtland Robinson

Chioma Obi  
Pre-disaster Training Programs for Medical and Public Health volunteers: A systematic review

Heather Westemeyer  
Reproductive Health Program Proposal for Syrian Refugees in Lebanon

Brian VanDeBogert  
Converging Crises: Climate Change, Resource Scarcity and the Humanitarian Assistance Framework

Varsha Ramakrishnan  
Bringing in m-trafficking to Nepal
**Infectious Diseases Customized**

11:00am-1:00pm  
**Moderators:** Kenrad Nelson  
Clive Shiff

- **Ruth Rosenberg**  
  *Harnessing the Potential of mHealth to Promote Behavior Change in Water, Sanitation and Hygiene (WASH)*

- **Olatunde Animashaun**  
  *Malaria Prevention in Pregnant Women in Abeokuta, Nigeria: The Use of Mobile Health Tools for Health Promotions*

- **Kathleen Watkins**  
  *Characterization and Distribution of Medical Exclusions and Their Link to Poverty in a Population of Individuals Screened for Early Phase Clinical Vaccine Trials*

- **Kiija Miller**  
  *Evaluation of Measles and Rubella Control Efforts in Azerbaijan*

- **Shanta Whitaker**  
  *The Association between Educational Attainment and Diabetes among Men in the United States*

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**International Health II & HIV/AIDS in Public Health**

11:00am-1:00pm  
**Moderators:** Andrea Ruff  
Poojitha Balakrishnan

- **Paschal Ssebbowa**  
  *Assessment of costs of the Shang Ring device for male circumcision compared to conventional surgery using the dorsal slit method in Rakai, Uganda*

- **Robert Marten**  
  *India’s Health Reform: An analysis of the Twelfth Plan’s proposed reform towards universal health coverage*

- **Steve Macheso**  
  *Impact of HIV on Cancer Burden in Malawi*

- **Arti Srivastava**  
  *A Retrospective Evaluation of Switching from Stavudine to Zidovudine-based HAART in HIV-infected Children from Lesotho*

- **Abdullah Albuthi**  
  *Accessibility to Health Services in Saudi Arabia (Literature Review)*
**Nutrition**  

**11:00am-1:00pm**  

**Moderators:** Eliseo Guallar  
Emily Hurley

- **Benjamin Kaster**  
  *Primary Care and their role in the Obesity Epidemic*

- **Peter Heslinga**  
  *The Impact of Urban Farms on Their Communities*

- **Raman Shrestha**  
  *No rice in the house: Risk factors and Association with Nutritional Status of Nepalese 9-13 year olds*

- **Wenze Zhang**  
  *Time Trends in Fast Food Consumption and its Association with Body Mass Index of Children in China*

- **Shrimati Datta**  
  *Bridging Micronutrient Deficiencies and Inflammation: Proteomics Analysis of Plasma Retinome Changes by Inflammatory State*

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**Social & Behavioral Sciences, Aging & Chronic Diseases**  

**11:00am-1:00pm**  

**Moderators:** Jackie Agnew  
Elizabeth Rhoades

- **Julia Green**  
  *Effectiveness of Guided Care Coordination for Geriatric Patients Across Practice Settings*

- **Yuen Tsang**  
  *Educational Attainment and Incidence of Cardiovascular Events: A Study of the Framingham Cohort*

- **Yan Ma**  
  *Access the Demand for Nursing Home Care among Medicare and Medicaid Beneficiaries in Maryland*

- **David Nartey**  
  *National Trends In Diabetes*

- **Friso van Reesema**  
  *Immediate Automatic Wireless Objective Monitoring (iAWOM) and its role in health behavior modification*
### Topics in Public Health Interventions

**Moderators:** Randy Bryant, Susan Tonascia

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Kathryn Yorkievitz</td>
<td>Becoming A Medical Home: Roadmap for City FQHC</td>
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<tr>
<td>Aruna Chandran</td>
<td>Investigation of a Hospital Outbreak of Multiple Carbapenemase-Producing Gram-Negative Bacilli in Edmonton, Canada</td>
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<tr>
<td>Tejal Shah</td>
<td>Retinopathy and P wave indices</td>
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<tr>
<td>Aditya Joshi</td>
<td>Impact of Online Interactive Modules on Resident's Knowledge and Retention</td>
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<tr>
<td>Jeffrey Ehmsen</td>
<td>Diminishing the Burden of Congenital Anomalies</td>
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<td>Katelyn DiPiazza</td>
<td>Analysis of Terminated Studies in ClinicalTrials.gov</td>
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<td>Daniel Carnegie</td>
<td>Improving Surgical Outcomes with Preoperative Exercise</td>
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### Women's & Reproductive Health

**Moderators:** Donna Strobino, Shirin Wadhwaniya

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Brittany Davis</td>
<td>Female Perpetrators of Domestic Violence: Who Are They? An Evaluation and Comparison of Risk Factors and Motives</td>
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<tr>
<td>Luis Ortiz-Echevarria</td>
<td>Analysis of Barriers to Improve Access to Life-Saving Commodities</td>
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<td>Tejumola Adegoke</td>
<td>Interventions to Reduce Maternal Mortality in Low-Resource Settings</td>
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<tr>
<td>Yuta Yokobori</td>
<td>The influence of birth preparedness on the rate of skilled birth attendance at delivery among pregnant women in rural Bangladesh</td>
</tr>
<tr>
<td>Katherine Jochim</td>
<td>Assessment of Sexual Healthcare of Safety Net Providers in Maryland</td>
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</tbody>
</table>
Master of Public Health Capstone
AWARD RECIPIENTS
May 2013

Special honors are given to the 12 students listed below for the best overall capstone written projects. These students will receive an MPH capstone award plaque for outstanding achievement.

Isibor Arhuidese
“Trends in Mortality and Age: A Comparison of Open Versus Endovascular Repair of Abdominal Aortic Anueryms in the ACS NISQUIP Data”
Capstone Advisor: Mahmoud Malas \ Faculty Advisor: Adil Haider

Amy Brazil
Overall Best MPH Capstone Award - Recipient of $500 prize
“Colonization of Pets with Staphylococci in Homes of People with Methicillin-resistant Staphylococcus Aureus (MRSA) Skin or Soft Tissue Infection (SSTI)”
Capstone Advisor: Meghan Davis \ Faculty Advisor: Peter Lees

Eben Clattenburg
“REVERSE TRIAGE IN PEDIATRICS: A New Method to Increase In-Hospital Surge Capacity”
Capstone Advisor: Gabor Kelen \ Faculty Advisor: Mary Catherine Beach

Robert Cohen
Capstone Advisor: David Bishai \ Faculty Advisor: Miriam Alexander

Renee Lang
Louis Fink MPH Capstone Award - Recipient of $500 prize
“Prevention of CIPN from FOLFOX Regimen in Patients with Metastatic CRC by Oral Supplementation of L-glutamine”
Capstone Advisor \ Faculty Advisor: Norma Kanarek

Jaime Lee
“Grading Quality for Information and Synthesis of mHealth Evidence”
Capstone Advisor \ Faculty Advisor: Alain Labrique

Graeme Meintjes
“Trends and Risk Factors for Viraemia during Early Antiretroviral Therapy in the Khayelisha Antiretroviral Therapy Cohort”
Capstone Advisor \ Faculty Advisor: Jonathan Golub

Jennifer Moore
“Strategic Framework for Infant Mortality Reduction in Abu Dhabi – Public Health Problem Analysis and Program Plan”
Capstone Advisor: Bernard Guyer \ Faculty Advisor: Andrea Gielen

Kerry Morrison
“Unlocking the Epidemic Potential of Zoonotic Hepatitis E Virus in Southeast Asia”
Capstone Advisor: Alain Labrique \ Faculty Advisor: Kenrad Nelson

Jessica Rhodes
Department of Environmental Health Sciences MPH Capstone Award - Recipient of $500 prize
“The Effects of Climate Change on Food Production: Implications for Food Security”
Capstone Advisor \ Faculty Advisor: Cindy Parker

Benjamin Stevens
“Strategies for the Discovery of Novel Anti-Infective Agents”
Capstone Advisor: Juergen Bosch \ Faculty Advisor: Randy Bryant

Emily Stone
“Pricing Interventions in Open Versus Closed-Community Settings to Increase Access to Healthy Foods: A Review of the Literature”
Capstone Advisor \ Faculty Advisor: Joel Gittelsohn