PROGRAM

Thursday, April 16, 2015

Sayles Hall
1:30 p.m.  Poster Presentations

3:30 p.m.  Reception

Greetings and Presentation of Poster Awards
Terrie Fox Wetle, PhD
Dean, School of Public Health

Honoring Public Health Leaders:
William Rakowski, PhD
Associate Dean for Academic Affairs
Stephen Buka, ScD
Chair of Epidemiology
Michael Fine, MD
Director, Rhode Island Department of Health
1. The Association Between Asthma Severity and ADHD Severity Among US Children Age 4-17: Nancy Abarca, Deborah Pearlman, PhD, Aris Garro, MD, MPH

2. Breastfeeding and the Development of Asthma in US Children Age 3-5: Nancy Abarca, Deborah Pearlman, PhD, Aris Garro, MD, MPH

3. Mothers Beyond Bars: A Mixed Methods Analysis of Mothers, Health Disparities and Mass Incarceration: Michelle Bailhe, Melissa Clark, PhD, Jennifer G. Clark, MD, MPH

4. Male and Female College Students Differ in Their Perceptions of the Attractiveness of Intoxicated Behaviors: Sara Balestrieri, Ashley Lowery, Jennifer E. Merrill, PhD, Sarah A. Lust, PhD, Kate B. Carey, PhD

5. Patterns of HIV Incidence Prior to, During, and After Violent Conflict in 41 Sub-Saharan African Nations, 1990-2012: An Ecological Study: Brady Bennett, Brandon DL Marshall, PhD, Annie Gjelsvik, PhD, Stephen T McGarvey, MPH, PhD, Mark N Lurie, PhD


7. A Multiplatform Integrated Testing Procedure for the Effect of Gene Sets on Disease Risk: Su Chu, MS, Yen-Tsung Huang, ScD, MD

8. Ask About Suicidality: The Interconnectedness of Intimate Partner Violence and Suicide: Lauren Colwell, Esther Choo, MD, MPH, Melissa Clark, PhD

9. Rhode Island Behavioral Risk Factor Surveillance System (BRFSS): Tara Cooper, MPH, Yongwen Jiang, PhD, Samara Viner-Brown, MS

10. Rhode Island Youth Risk Behavior Surveillance System (YRBSS): Tara Cooper, MPH, Yongwen Jiang, PhD, Samara Viner-Brown, MS
11. A Needs Assessment: The Current State of Accessing Social and Behavioral Health Services Among Lesbian, Gay, Bisexual, and Transgender Individuals in Rhode Island: Lacey Cracker, Deborah Pearlman, PhD, Melissa Clark, PhD

12. Willingness of Rhode Island Dentists to Provide Limited Primary Care: Catherine Dang, Renee Sheild, PhD, Donald Giddon, MDM, PhD

13. Negative Mood Predicts Elevated Neuroendocrine Stress Response to Peer Rejection Stressor for Adolescent Girls but Not Boys: Christina D’Angelo, Margaret Bublitz, PhD, Lorena Lopez, Alison McCallum, Maggie O’Reilly Treter, Laura Stroud, PhD

14. The Association between Parental PTSD and Child Mental Health DSM-IV Diagnoses Among Chileans Post the 2010 Earthquake and Tsunami Disaster: Meagan Durso, Robert Kohn, MD, Stephen McGarvey, PhD, MD

15. Strides Toward Reintegration: An Athletic Approach to Community Connectivity of U.S. Veterans on Team Red White & Blue: Leah Eickhoff, Denise Tyler, PhD, Susan Allen, PhD

16. Examining the Reciprocal Relationship Between Exercise and Affect Using Ecological Momentary Assessment: Jessica Emerson, MS, Shira Dunsiger, PhD, David Williams, PhD

17. Use of an Online Smoking Cessation Community Promotes Abstinence: Results of Propensity Score Weighting: Bahar Erar, MS, George Papandonatos, PhD, Cassandra A. Stanton, PhD, Amanda L. Graham, PhD

18. Developmental Screenings in Pediatric Primary Care: Associations Between Parent-Reported and Clinical Concerns Across the Preschool Period: Paloma Feliz, Rebecca Newland, PhD, Christine Low PhD, Rebecca Silver PhD, Stephanie Parade PhD, Susan Dickstein PhD, Ron Seifer PhD

19. Engaging Renal Transplant Patients in Home Electronic Blood Pressure Monitoring: An Exploratory Qualitative Study: Hannah Fundin,
20. Barriers and Facilitators of Change: A Qualitative Study of Booster Sessions for a Brief Intervention for Women with Drug Use and Intimate Partner Violence: Kimberly Glerum, Esther Choo, MD, MPH

21. Combining Item Response Theory with Multiple Imputation to Crosswalk Between Health Assessment Questionnaire: Chenyang Gu, MS, Roee Gutman, PhD, Vincent Mor, PhD

22. Evaluation of a Brief Intervention to Reduce Negative Consequences of Drug Misuse Among Adult Emergency Department Patients: Wentao Guan, ScM, Tao Liu, PhD, Janette R. Baird, PhD, Roland C. Merchant, MD, MPD, ScD

23. The Sleep Spectrum and its Relationship to Anthropometrics, Body Mass Index (BMI) and Waist Circumference (WC): Sister Talk: Christina Hom, Patricia M. Risica, DrPH, MPH, RD, Akilah Dulin-Keita, PhD


25. Alcohol Consumption and Cardiovascular Disease Among HIV-Positive: Mariam Irshad, Lori A.J. Scott-Sheldon, PhD, Kate B. Carey, PhD

26. Rhode Island Violent Death Reporting System: Yongwen Jiang, PhD, Karen Foss, Shannon Young, Christina Stanley, MD, Samara Viner-Brown, MS

27. Socio-demographic Variation of Adult Seatbelt Non-Use in Rhode Island-Different Data Sources: Yongwen Jiang, PhD, Michael Sprague, MA, Beatriz Perez, MPH, Tara Cooper, MPH, Despina Metakos, Samara Viner-brown, MS

28. Socioeconomic Status Predicts Diurnal Cortisol Patterns in Early Childhood: Tessa Kehoe, Stephanie Parade, PhD, Alison Miller, PhD, Robin Locke Arkerson, PhD, Laura Stroud, PhD, Ron Seifer, PhD
29. **Pre-Pregnancy Obesity and Adverse Health Conditions in Rhode Island:**
   Hanna Kim, PhD, Karine Monteiro, MPH, Sounivone Phanthavong, MPH, Samara Viner-Brown, MS

30. **Proximity to Major Roadways and DNA Methylation of Repetitive Elements in Human Placenta:**
    Samantha Kingsley, MPH, Melissa N. Eliot, PhD, Eric A. Whitsel, MD, Karl T. Kelsey, MD, MPH, Carmen J. Marsit, PhD, Gregory A. Wellenius, ScD

31. **Self-Reported Changes in Drug Use Behaviors and Syringe Disposal Methods Following the Opening of a Supervised Injecting Facility in Copenhagen, Denmark:**
    Elizabeth Kinnard, Chanelle J. Howe, PhD, Thomas Kerr, PhD, Vibeke Skødt Hass, MA, Brandon DL Marshall, PhD

32. **Household Air Pollution from Burning Wood is Associated with Altered Cardiac Hemodynamics and Function Among Women in Western Kenya: Results from the Kenya HAP Echo Study:**
    Kipruto Kirwa, MPH, A Agarwal, MD, GS Bloomfield, MD, F Alenezi, MD, M Eliot, PhD, EJ Carter, MD, F Ogaro, MMed, C Sherman, MD, S Kimaiyo, MMed, S Mitter, MD, EJ Valazquez, MD, D Menya, MSc, R Vedanthan, MD, GA Wellenius, ScD

33. **Causal Inference for Point Exposures with Heterogeneous Treatment Effects Using Inverse Probability of Treatment Weighting Methods:**
    Andrew Leith, Christopher Schmid, PhD, Issa Dahabreh, MD, MS

34. **Optical Imaging Biomarkers Assessed at Early Therapy for Predicting Chemotherapy Response in Neoadjuvant Breast Cancer Patients in Multi-Center ACRIN 6691 Trial:**
    Bin Lin, Zheng Zhang, PhD

35. **Effects of Exercise Training on Cardiorespiratory Fitness and Biomarkers of Cardio-metabolic Health: A Systematic Review and Meta-analysis of Randomized Controlled Trials:**
    Xiaochen Lin, MS, Jianjun Guo, MD, Christian K. Roberts, PhD, Steve McKenzie, PhD, Wen-Chih Wu, MD, Simin Liu, MD, ScD, Yiqing Song MD, ScD

36. **Assessing the Comparative Utilities of Potential Biomarkers for the Clinical Risk Stratification of ASCVD: A Systematic Review and Meta-analysis of Prospective Studies:**
    Bingqin Liu, MS, Xiaochen Lin, MD,
37. **The Impact of Replacing Butter with Different Kinds of Margerine on the Risk of Cardiovascular Disease in Postmenopausal Women: An Epidemiologic Substitution Analysis:** Qing Liu, MS, Jacques Rossouw, MD, Mary Roberts MD, Simin Liu, MD, ScD, Karen Johnson, MD, MPH, James Shikany, DrPH, JoAnn Manson, MD, DrPH, Lesley Tinker, PhD, RD, Charles Eaton, MD, MS

38. **Adherence to Pegfilgrastim Primary Prophylaxis Guidelines in Current Practice:** Uvette Lou, PharmD, Andrew R. Zullo, PharmD, Sarah E. Cabral, PharmD, BCOP, Khaled Elsaid, PharmD, PhD, BCOP, Christine M. Berard-Collins, MBA, RPh

39. **Physician Orders for Life Sustaining Treatment (POLST) Expansion: Lessons Learned from Stakeholders:** Deborah Mack, David Dosa, MD, MPH

40. **Acceptability and Feasibility of Overdose Education and Naloxone Distribution (OEND) Programs for Rural Appalachia:** Alexandria Macmadu, Kelly K. Gurka, MPH, PhD, Herb Linn, MS

41. **Rhode Island Pregnancy Risk Assessment Monitoring System (PRAMS):** Karine Monteiro, MPH, Samara Viner-Brown, MS, Hyun Kim, PhD

42. **Pre-Pregnancy Exercise and Maternal Neuroendocrine Levels: Links to Infant Neurobehavioral Outcomes:** Maggie O'Reilly Treter, Christina D'Angelo, Lorena Lopez, Alison McCallum, Margaret H. Bublitz, PhD, Laura R. Stroud, PhD, Ernestine Jennings PhD, Amy Salisbury PhD

43. **Fine Particulate Matter Air Pollution (PM 2.5) and DNA Methylation in Peripheral Blood Leukocytes:** Wen-Chi Pan, ScD, Melissa Eliot, PhD, Yen-Tsung Huang, ScD, MD, Itai Kloog, PhD, Joel Schwartz, PhD, Stephen Buka, PhD, Charles Eaton, MD, Eric Loucks, PhD, Karl Kelsey, MD, Gregory Wellenius, ScD
44. Describing the Disaster Preparedness of Community Dwelling Rhode Island Elderly Residents: Data from the Senior Resiliency Survey: Angela Ramponi, David Dosa, MD, MPH, Kali Thomas, PhD, MA

45. Climate Determinants of Vector-Borne Infectious Diseases in Asia: An Analysis Including the Investigation of the Use of Bayesian Cubic Basis Splines for Imputation: Joseph Servadio, Cici Bauer, PhD, MS

46. A Policy Analysis of the Ryan White CARE Act and the ACA: Implications for People Living with HIV/AIDS in the United States: Erin Smith, Phil Chan, MD, Amy Nunn, ScD

47. Effect of Reducing Alcohol Use on Risk of Sexual Victimization in College Women: Alexa Steuer, Kate Carey, PhD


49. Enhancing Quality in Public Health Quality Improvement Initiatives: Alvaro Tinajero, MD, MPH, ScM, Magaly Angeloni, DrPH, MBA


51. Rhode Island Birth Defects Program: Samara Viner-Brown, MS, William Arias, MPH

52. Implications of Using Hazard Ratio (HR) to Characterize Prognostic Biomarker Performance: Mun Sang Yue, MS

53. Identifying Gene Sets with Sparse Effects in Diabetic Samples: Yi Zhang, MS, Zhijin Wu, PhD, Simin Liu, ScD, MD

54. Analysis of Air Pollution Data in Wuhan, China: Zihao Zhang, ScM, Cici Bauer, PhD, MS, Zhijin Wu, PhD
55. Estimating Mediation Effects Under Correlated Errors with an Application to fMRI: Yi Zhao, MS, Xi Luo, PhD

“CONDITIONAL ECONOMIC INCENTIVES TO REDUCE HIV RISKS IN MEXICO” PROJECT POSTERS

56. The Effect of Economic Interventions on HIV Transmission in Vulnerable Populations: A Systematic Review: Katherine Caine, Andrew Zullo, PharmD, Qijuan Li, MPH, Sandra D. Sosa-Robi, PhD, Omar Galárraga, PhD

57. Socioeconomic Status and Return to Clinic Among Male Sex Workers in Mexico City: Karla Ganley, Andrew.R. Zullo, PharmD, Emily Li, MPH, Sandra G. Sosa-Rubi, PhD, Omar Galárraga, PhD

58. Socioeconomic Status and Access to Health Care Among MSM at High Risk of HIV Acquisition: Claire Postman, Emily Li, Andrew Zullo, PharmD, Sandra D. Sosa-Robi, PhD, Omar Galárraga, PhD

59. Socioeconomic Status and CD4 Count Among MSWs at High Risk of Contracting HIV: Nicholas Weeden, Emily Li, Andrew Zullo, PharmD, Sandra D. Sosa-Robi, PhD, Omar Galárraga, PhD
Mission Statement

The Brown University School of Public Health strives to improve population health by conducting research to better understand disease risk factors and health promotion, by educating future generations of health researchers and policy makers, and by providing public service through translation of research into public policy.

Supported by

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