Agenda

9:30 – 10:00 am  Coffee and Light Breakfast

10:00 – 10:10 am  Welcome Remarks by Professor Eva Harris (CGPH)

10:10—10:25 am  Samantha Schildroth, MPH Environmental Health Sciences
Microbial Contamination of Drinking Water Sources & Diarrheal Disease Prevalence in Rural Tanzania

Faculty Mentor: Charlotte Smith, University of California, Berkeley

10:25 – 10:40 am  Huong Nguyen, MPH Infectious Diseases and Vaccinology
Molecular Surveillance for Viral Families of Pandemic-Potential in Farmed Wildlife in Vietnam

Faculty Mentor: Peter Dailey, University of California, Berkeley

10:40 – 10:55 am  John Auld, MPH Infectious Diseases and Vaccinology
Identifying prevalence of drug-resistant uropathogenic E. coli strains from community-acquired urinary tract infections in Syrian and Palestinian refugees, and Lebanese native populations in Beirut.

Faculty Mentor: Lee Riley, University of California, Berkeley

10:25 – 10:40 am  Nicole Kelly, MPH Epidemiology & Biostatistics
Utilization of Cash Transfers to Re-link HIV Positive Adults to Care in Shinyanga, Tanzania.

Faculty Mentor: Sandy McCoy, University of California, Berkeley

10:40 – 10:55 am  BREAK

10:55 – 11:10 am  Claire Boone, PhD
Improving Hypertension Control among Low-Income Healthcare Users in Chile

Faculty Mentor: Paul Getier, University of California, Berkeley

11:10 – 11:25 am  Helen Pitchik, PhD Epidemiology
Examining the Relationship Between an Integrated Parenting Intervention, Child Development, and Maternal Mental Health in Rural Bangladesh

Faculty Mentor: Lia Fernald, University of California, Berkeley

11:25am-11:40 am  Katherine Chen, MPH Infectious Diseases and Vaccinology
Increasing Tuberculosis Treatment Adherence with a Digital Monitoring Solution

Faculty Mentor: Adithya Cattamanchi, UCSF School of Medicine

11:40am-1:20 pm  Lunch (lunch will be provided)
1:20 pm-1:30 pm  Welcome Remarks by Prof. Art Reingold

1:30 pm-2:00 pm  Aster Workineh (MPH, Infectious Diseases and Vaccinology), Brenda Rodriguez (Bachelor’s in Public Health), Lizari Garcia (Bachelor’s in Social Welfare)
Oral Microbiome Analysis and Oral HPV Testing in Smokeless Tobacco

Faculty Mentor: Art Reingold, University of California, Berkeley, and Purnima Madhivananan, Public Health Research Institute, India

2:00 pm-2:15 pm  Dimitrios Camacho (Bachelor’s in Molecular Biology)
Optimization of RT-qPCR Methods to Quantify Female and Male Plasmodium falciparum Gametocytes

Faculty Mentors: Roland Cooper, Dominican University of California, and Karl Seydel, Michigan State University

2:15 pm-2:30 pm  Lance Mendoza (Bachelor’s in Molecular and Cellular Biology)
Exploring mHealth applications with the Tel-Me-Box Study

Faculty Mentors: Maria Ekstrand, University of California, San Francisco, and Tony Raj, St. John’s Research Institute

2:30 pm-2:45 pm  Judith Ojoro (Bachelor’s in Public Health)
Susceptibility of Plasmodium falciparum in Uganda to Experimental Antimalarial Compounds

Faculty Mentor: Phil Rosenthal, University of California, San
Francisco, Roland Cooper, Dominican University of California, and Sam Nsobya, Makerere University

2:45 pm-3:00 pm  **Ife Adeyeri (Bachelor’s in Microbial Biology)**  
*Identifying Cross-Reactive Epitopes Responsible for Antibody Dependent Enhancement of Dengue Infection*  
Faculty Mentor: Angel Balmaseda, Sustainable Sciences Institute, and Eva Harris, University of California, Berkeley

3:00 pm-3:15 pm  **Laura Gomez (Bachelor’s in Public Health)**  
*Antibody-based assay specific to ZIKV*  
Faculty Mentor: Angel Balmaseda, Sustainable Sciences Institute, and Eva Harris, University of California, Berkeley

3:15 pm-3:30 pm  **Audrey Webb (Bachelor’s in Statistics)**  
*Spatio-Temporal Data Integration Methods for Infectious Disease Surveillance*  
Faculty Mentor: Changhong Yang, Sichuan Center for Disease Control and Prevention, and Justin Remais, University of California, Berkeley

3:30 pm-3:45 pm  **Kainat Shaikh (Bachelor’s in Public Health)**  
*Dristi Study: Measuring an Intervention Aimed at Reducing HIV Stigma Among Healthcare Providers*  
Faculty Mentor: Maria Ekstrand, University of California, San Francisco and Tony Raj, St. John’s Research Institute

3:45 pm-4:00 pm  **MHIRT informational session with Zilose Lyons**