

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 Nsohya, 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 o 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