



Infectious Disease Epidemiology

<http://www.hsph.harvard.edu/idepi/>

Events & Notes ***April 2019***

Seminars, Lectures, & Conferences

Looking back at the 17th Annual Jonathan Freeman Symposium

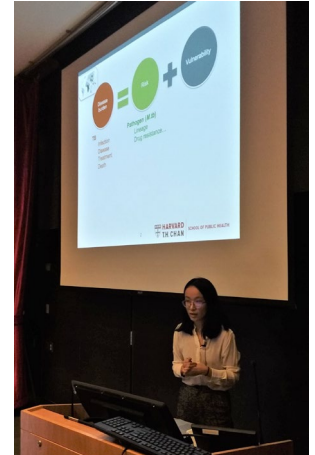
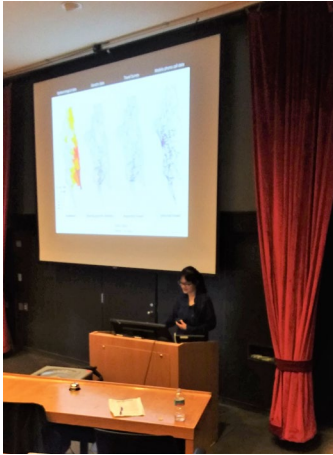


The 17th Annual Jonathan Freeman Symposium took place on Wednesday, April 17th, featuring talks and poster presentations by 16 researchers, students and postdocs involved with infectious disease epidemiology, including:

- Eric Mooring, Candidate, Doctor of Science in Epidemiology
- Rebecca Kahn, Doctoral Student, PHS, Dept of Epidemiology
- Robyn Lee, Research Associate, Center for Communicable Disease Dynamics, Department of Epidemiology
- Christopher Andersen, Candidate, Doctor of Science in Epidemiology
- Hsiao-Han Chang, Research Associate, Department of Epidemiology
- Pablo Martinez de Salazar, Research Fellow, Center for Communicable Disease Dynamics, Dept of Epidemiology
- Ruoran Li, Candidate, Doctor of Science in Epidemiology
- Emma Accorsi, Doctoral Student, GSAS/HSPH – Population Health Sciences (Epidemiology)
- Krystal Cantos, Doctoral Student, Dept. of Epidemiology
- Ayesha Mahmud, Postdoctoral Fellow, Center for Communicable Disease Dynamics, Dept. of Epidemiology

- Christine Tedijanto, Doctoral Student, Center for Communicable Disease Dynamics, Dept. of Epidemiology
- Ryan Simpson, Bingjie Zhou, and Elena N. Naumova, Tufts University
- Aishwarya Venkat, Ryan Simpson, Anastasia Marshak, Elena N. Naumova, Tufts University

In addition to the presenters, over 40 researchers from the Longwood Medical and Boston area attended the event!



The Infectious Disease Epidemiology team also took the opportunity to thank Alan Berkeley for his 8 years of service to the ID Epi Concentration. We wish Alan the best of luck in his future endeavors!



Thank you all who participated in the event! We look forward to seeing you next year!

Harvard Global Health Institute

April 29th, 2019 | 42 Church St, Cambridge MA, 2nd floor | 12 – 1 PM

Tech & Health/Burke Fellowship Seminar: Precision Diagnosis of TB Resistance in Resource Limited Settings

Maha Farhat is Assistant Professor of Biomedical Informatics at Harvard Medical School. She holds an MD from the McGill University Faculty of Medicine and an MSc in biostatistics from the Harvard T.H. Chan School of Public Health. Maha is also a practicing physician at the Massachusetts General Hospital Division of Pulmonary and Critical Care Medicine.

"Precision Diagnosis of TB Resistance in Resource Limited Settings"

Register here: <https://globalhealth.harvard.edu/event/burke-fellow-seminar-series-service-delivery-planning-mental-disorder-care-big-data-mdr?delta=0>

HSPH Department of Biostatistics

Lightning Talks

Bldg 2 RM 426 | 4 PM

Wednesday, May 1st, 2019

Fangxin Hong | Senior Research Scientist in Biostatistics, HSPH & DFCI

Kwonsang Lee | Postdoctoral Fellow, Department of Biostatistics, HSPH

Lorenzo Trippa | Associate Professor of Biostatistics, HSPH & DFCI

For updates and more information, visit: <https://www.hsph.harvard.edu/biostatistics/lightning-talks/>

HIV Working Group Seminars

SPH2, Room 426, Fridays, 1:00 – 1:50 PM

Friday, May 10th, 2019 (FXB G13)

Talk TBD!

For more information, visit: <https://www.hsph.harvard.edu/biostatistics/seminars-events/>

8th Annual Mass General Global Health Expo

May 29th, 2019 | Bulfinch Tent, Main Campus, Mass General | 11 AM – 2 PM

This year's MGH Global Health Expo will offer an opportunity for the MGH community to learn more about the exceptional breadth of global health and local activities happening across our campus, including opportunities available to all levels of Mass General staff, as well as to spur new collaborations and conversations among those interested in Global Health. All are welcome to join us for refreshments and to learn more about Global Health at Mass General.

For more information, please visit <http://www.mghcgh.org/news-events/events/8th-annual-mass-general-global-health-expo/>

Harvard Medical School PhD Program in Virology Seminar Series

77 Avenue Louis Pasteur, Room 1031, Boston MA
Wednesdays 12:30 PM, Refreshments 12:15 PM

Wednesday, May 1st, 2019

G4 Talks by **Marshall Karpel** (Pillai lab) and **Maya Sangesland** (Lingwood lab)

Wednesday, May 8, 2019

G4 Talks by **Jesse Pyle** and **Michael Tartell** (Whelan lab)

Wednesday, May 15, 2019

G4 Talks by **Cris Cadena** (Hur lab) and **Toby Herrmann** (Harrison lab)

For more information, visit <http://www.hms.harvard.edu/DMS/virology/news/Seminars.php>

Harvard Medical School Immunology Seminars

Armenise Amphitheater, 210 Longwood Avenue, Boston

Wednesday, May 1st, 2019

Dr. Mihai Netea | Radboud University Medical Center

"Trained immunity: a memory for innate host defense"

For more information, visit <http://dms.hms.harvard.edu/immunology/events/seminars.php>

Center for Communicable Disease Dynamics

ID Epi Spring Seminar Series

Kresge 502 | 1:00 – 1:50 PM



Thursday, May 9th, 2019

Daniel Larremore

Thursday, May 16th, 2019

Tim Anderson | Program lead, Disease Intervention and Prevention, Texas Biomedical Research Institute

"Drug resistance evolution in malaria: CRISPR, crosses and more!"

For more information, visit: <https://ccdd.hsph.harvard.edu/id-epi-spring-seminar-series/>

HSPH Department of Global Health

Weekly Brown Bag Series

SPH - 1, Room 1208 | Thursdays, 1:05 – 1:55 PM

Thursday, May 2nd, 2019

Richard Cash | Senior Lecturer on Global Health, GHP
"TBD"

For more information, visit <https://www.hsph.harvard.edu/global-health-and-population/events/thursday-brown-bag-seminar-series/>

Harvard University Center for AIDS Research

HIV Clinical Research-in-Progress Meeting with Dr. Lindsay Fourman

Friday, May 3rd, 2019 | 8:00 – 9:00 AM

Massachusetts General Hospital, Potts Conference Room, 8th Floor, Boston, MA



HIV Clinical Research-in-Progress Meeting with Dr. Julia Marcus

Monday, May 20th, 2019 | 12:30 – 1:30 PM

Brigham and Women's Hospital, Building A 45 Francis Street, ID Conference Room – 4th floor

For more information, please visit:

<https://cfar.globalhealth.harvard.edu/calendar/upcoming/event-series/research-progress>

CFAR Webinar: CFAR Collaboration on HIV in Corrections

Monday, May 20th, 2019 | 3:30 – 4:30 PM

For more information and to register: <https://cfar.globalhealth.harvard.edu/event/cfar-webinar-cfar-collaboration-hiv-corrections>

For more information, visit

<https://cfar.globalhealth.harvard.edu/pages/events>

Harvard Medical School Dept. of Microbiology and Immunobiology Seminars

200 Longwood Avenue, NRB 1031, 12:30 PM

Tuesday, April 30th, 2019

Harry Mobley

"Measuring Bacterial Gene Expression and Growth Rates during Human Infection"

Tuesday, May 7th, 2019

Kimberly Seed

Tuesday, May 14th, 2019

Joshua Woodward

For more information, visit <http://micro.med.harvard.edu/>

Ragon Institute Seminars

400 Technology Square, Cambridge

Ragon Seminar

Friday, May 2nd, 2019

3 PM | 400 Technology Square | Cambridge, MA 02139

Curtis Huttenhower, PhD | Professor of Computational Biology and Bioinformatics, Departments of Biostatistics and Immunology and Infectious Disease, Harvard T.H. Chan School of Public Health, Associate Member, Broad Institute of MIT and Harvard

"Human, microbial, and molecular populations in the microbiome"

For more information, please visit <http://www.ragoninstitute.org/seminars>

International Journal of Environmental Research and Public Health Infectious Disease Modeling in the Era of Complex Data

This Special Issue highlights the advancements and challenges of quantifying important features in disease dynamics. We aim to provide a broad range of examples where the knowledge of temporal dynamics, environmental factors, and seasonal characteristics, such as peak timing, seasonal amplitudes, duration and onset, are crucial for the journal's broad readership. We especially encourage the submission of interdisciplinary work and multi-country collaborative research. We also encourage the submission of health policy-related manuscripts that focus on issues related to infectious disease dynamics and their relationship to the environment, and recommendations for improving local and global surveillance systems. We welcome original research papers using different study designs as well as systematic reviews and meta-analysis.

For more information, please visit:

https://www.mdpi.com/journal/ijerph/special_issues/Infectious_Disease_Modeling

News Roundup

HSPH Features

<http://www.hsph.harvard.edu/news/features/>

Harvard Public Health Magazine

<https://www.hsph.harvard.edu/magazine/>

<https://www.hsph.harvard.edu/news/press-releases/applying-antimalarial-drugs-to-bed-nets-could-lead-to-drop-in-malaria-transmission/>

Harvard AIDS Initiative

<https://aids.harvard.edu/blog/>

Harvard Gazette

<https://news.harvard.edu/gazette/>

[https://news.harvard.edu/gazette/story/2019/04/harvard-researchers-explore-correlation-between-trust-in-leaders-and-combating-ebola/?utm_source=SilverpopMailing&utm_medium=email&utm_campaign=Daily%20Gazette%2020190409%20\(1\)](https://news.harvard.edu/gazette/story/2019/04/harvard-researchers-explore-correlation-between-trust-in-leaders-and-combating-ebola/?utm_source=SilverpopMailing&utm_medium=email&utm_campaign=Daily%20Gazette%2020190409%20(1))

[https://news.harvard.edu/gazette/story/2019/03/ending-hiv-transmission-by-2030-realistic-says-harvard-expert-max-essex/?utm_source=SilverpopMailing&utm_medium=email&utm_campaign=Daily%20Gazette%203-5-19%20\(new\)%20\(1\)](https://news.harvard.edu/gazette/story/2019/03/ending-hiv-transmission-by-2030-realistic-says-harvard-expert-max-essex/?utm_source=SilverpopMailing&utm_medium=email&utm_campaign=Daily%20Gazette%203-5-19%20(new)%20(1))

HIV.gov

<https://www.hiv.gov/ending-hiv-epidemic>

MGH Global Health

<http://www.mghcqh.org/news-events/global-health-news/>

JHU Global Health

<https://www.globalhealthnow.org/>

NIAID Newsroom

<https://www.niaid.nih.gov/news-events/newsroom>

Nature

<http://www.nature.com/subjects/infectious-disease-epidemiology>

Healio

<http://www.healio.com/infectious-disease>

Science Daily

https://www.sciencedaily.com/news/health_medicine/infectious_diseases/

Job Openings

Boston University School of Public Health, Department of Global Health Social Innovation on Drug Resistance Postdoctoral Program

Postdoctoral Associate

Drs. Jacob Bor, Helen Jenkins, Karen Jacobson, and William MacLeod are seeking a postdoctoral associate for a project on the Social and Behavioral Drivers of Drug-Resistant Tuberculosis. The postdoctoral associate will work with the PIs (Bor, Jenkins, Jacobson, MacLeod) on an interdisciplinary project studying the roles of patient migration and treatment adherence on the epidemic of drug-resistant TB in South Africa. TB is the leading cause of death in South Africa, yet the country's response is hamstrung by an epidemic of drug resistance, which commands over half of the TB budget and is associated with worse outcomes.

For more information and to apply:

https://bu.silkroad.com/epostings/index.cfm?fuseaction=app.jobinfo&jobid=303523&company_id=15509&version=1&source=ONLINE&JobOwner=1016383&startflag=1

University of Maryland Division of Genomic Epidemiology and Clinical Outcomes Department of Epidemiology and Public health

Postdoctoral Fellowship Position

The Division of Genomic Epidemiology and Clinical Outcomes (GECO) in the Department of Epidemiology and Public Health invites applications for a two year post-doctoral fellowship position to work with faculty members on federally-funded research projects.

We are seeking a highly motivated candidate with a doctoral degree in Epidemiology who is interested in the study of infectious diseases, antimicrobial-resistance and infection prevention

strategies. Applicants with excellent oral and written communication skills will be considered. Additionally, applicants must be able to work independently and to collaborate with a research group. Preference will be given to applicants who have demonstrated experience in the epidemiology of infectious diseases, database management with expertise in Microsoft Access preferred, and statistical data analysis with statistical programming experience in SAS or R preferred.

Postdoctoral fellows working with GECHO faculty will have the opportunity to gain additional training in epidemiology and infectious disease, study design, data analysis, manuscript writing including authorship, and grant writing. We will help mentor postdoctoral fellows for careers in academia, private industry and government public health. An emphasis for postdoctoral fellows seeking subsequent academic jobs will be on first author publications. We have had tremendous success mentoring recent post-doctoral fellows as measured by first author publications and meeting their subsequent career goal upon completing their fellowship. Fellows will additionally benefit from a rich community of biomedical and translational research collaboration at the University of Maryland School of Medicine. More information about our division can be found at <http://www.medschool.umaryland.edu/epidemiology/gecho/>

Qualified applicants are asked to email a cover letter with a brief description of research experience, interests and career goals (maximum 2 pages), a CV and contact information for three references addressed to aharris@som.umaryland.edu and lpineles@som.umaryland.edu.

Johns Hopkins Bloomberg School of Public Health Assistant Scientist (Faculty Position)

New Faculty member sought to work with the ALIVE (AIDS Linked to the IntraVenous Experience) Study. The successful candidate would have their academic appointment in Infectious Disease Epidemiology with research activities centered in the ALIVE cohort study.

For more information, visit:

<https://cfar.globalhealth.harvard.edu/news/posting-new-faculty-member-work-alive-study-jhu>

Join Public Health Surveillance Group (PHSG) for an exciting consulting opportunity to work on a global epidemiology and health systems!

We are seeking a Epidemiology and Health Systems Expert Consultant to work with us as on a Fleming Fund project, which entails working alongside local stakeholders in 12 countries in South and South-east Asia to collect and analyze antimicrobial resistance (AMR) and use (AMU) data to inform local and regional policy and treatment guidelines. AMR is currently one of the largest global health priorities and rightfully so, with the recent emergence of on highly resistant bacteria.

Looking for individuals with the following experience and skills:

- Extensive time spent working in global health settings in Africa and/or Asia
- Diplomacy for navigating collaborations with ministries of health and multinational health agencies
- Familiarity with global surveillance platforms
- Solid understanding of microbiology
- Background in epidemiology and infectious diseases
- Passion for improving the availability of quality global health data to inform decision making
- Independent, reliable, and self-motivated
- Quick-learner dedicated to tackling challenges with resourcefulness and grit

This position allows you to work remotely from anywhere, and requires your availability for extensive travel to South and South East Asia. The consultant will lead 4 countries in the region as well as conduct technical work that will be utilized across the sites. We will be working along side Ministries, bilateral organizations (i.e., WHO), and leading public health organizations/ institutions.

Start date on around May 1, with travel to Laos with the team in mid-May.

Think you're a good fit? Contact Bill MacWright, Managing Director, at info@publichealthsurveillance.com to learn more about this position.

Funding Opportunities

Indo-U.S. Vaccine Action Program (VAP) Small Research Grant Program

National Institute of Allergy and Infectious Diseases (NIAID) (R03) PA-16-163

Application Due: Standard dates apply, please see

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

For more info visit <http://grants.nih.gov/grants/guide/pa-files/PA-16-163.html>

Research to Advance Vaccine Safety

National Institute of Allergy and Infectious Diseases (NIAID) (R01) PA-18-873

National Center for Emerging and Zoonotic Infectious Diseases (NCEZID/CDC)

Application Due: Standard dates apply, please see

<http://grants1.nih.gov/grants/funding/submissionschedule.htm>

For more information visit <https://grants.nih.gov/grants/guide/pa-files/PA-18-873.html>

The Center for Communicable Disease Dynamics is at the forefront of research, informing public policy, outreach and education in the field of infectious disease modeling.

Based at the Harvard T.H. Chan School of Public Health, the Center works to foster the development of students, new investigators, and emerging scientists in the field of infectious disease epidemiology & mathematical modeling through education, mentoring, and financial support. Please see our [Opportunities](#) page on our website for more information & applications to our programs.

Do you have an event or news item to include?
Please contact idepi@hsph.harvard.edu