Infectious Disease Epidemiology

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

Events & Notes
March 15, 2013

LECTURES, SEMINARS & CONFERENCES

Harvard Center for AIDS Research (CFAR)
Norman L. Letvin, MD Memorial Symposium

March 19, 2013
8:00am - 5:00pm
Armenise Amphitheatre, 210 Longwood Ave.

Vaccines for AIDS and TB

For more information, visit
http://cfar.globalhealth.harvard.edu/icb/icb.do?keyword=k58622&pageid=icb.page580066

Harvard Medical School Microbiology and Immunobiology Seminar Series
200 Longwood Avenue, NRB 1031, Boston

March 19, 2013
12:30 – 1:30 pm
Roger Innes, Indiana University
"Molecular Insights Into the Innate Immune System of Plants"

March 26, 2013
12:30 – 1:30 pm
James Bardwell, University of Michigan
"Chaperone discovery and activation by unfolding"

For more information, contact Jessica Conner at jessica_conner@hms.harvard.edu
Ragon Immunology Seminar

March 19, 2013
12:00 - 1:00pm
Ragon Auditorium, 400 Tech Square, Cambridge

Kate Jeffrey, PhD, Gastrointestinal Unit, Massachusetts General Hospital
"Epigenetic control of innate immunity"

For more information, visit http://www.ragoninstitute.org/seminar/kate-jeffrey-phd/

Harvard Medical School Immunology Seminar Series
Armenise Amphitheater, 210 Longwood Avenue, Boston

March 20, 2013
5:00 – 6:00 pm
Dr. John Wherry, University of Pennsylvania
"T cell exhaustion duringpersisting infections"

March 27, 2013
5:00 – 6:00 pm
Dr. Jeremy Luban, University of Massachusetts Medical School
"TRIM5 is an innate immune receptor for the HIV-1 capsid lattice"

For more information visit http://www.hms.harvard.edu/dms/immunology/Seminars.php

Department of Immunology and Infectious Diseases Seminar

March 20, 2013
12:00 – 1:00pm, FXB 301

Carolina V. Barillas-Mury, MD, PhD,
Chief, Mosquito Immunity and Vector Competence Section, National Institute of Allergy and Infectious Diseases
"Malaria Transmission: A Tale of Mosquito Immune Activation and Plasmodium Immune Evasion"

For more information contact Andrea Sabaroff at asabarof@hsph.harvard.edu

Harvard Center for AIDS Research (CFAR) Research In Progress Meetings
Massachusetts General Hospital, 55 Fruit Street, Potts Conference Room, 8th floor

March 22, 2013
12:30 – 1:30 pm
Dr. Kate Powis, Instructor, Harvard Medical School, Research Associate, Harvard School of Public Health.

For more information, visit http://cfar.globalhealth.harvard.edu/icb/icb.do?keyword=k58622&tabgroupid=icb.tabgroup86177
**HIV Online Provider Education Conferences**

**March 26, 2013 - Physicians Conference**

**Dr. Scott Peterson**, Department of Immunology and Infectious Diseases, HSPH

"HIV & Malignancies"

HOPE sponsors a series of conferences involving hundreds of doctors and nurses throughout the world. The program focuses on topics relevant to care of HIV-infected patients in resource-limited settings. Examples include HIV and TB, prevention of maternal to child transmission of HIV, pre-exposure prophylaxis, neurologic complications of HIV, and HIV clinical research methods. For more info visit [http://www.hopeconference.net/conferences/physicians/](http://www.hopeconference.net/conferences/physicians/) or [http://www.hopeconference.net](http://www.hopeconference.net)

**Ragon Institute Symposium**

**March 26, 2013**

2:00 pm-5:00 pm
Ragon Auditorium, 400 Technology Square, Cambridge

*Development of Therapeutic HIV Vaccines*


**GHP Brown Bag Seminars**

HSPH Building 1, Room 1208

**March 28, 2013**

12:30 - 1:30 PM

**John Creswell**

"Mixed Methods: State of the Art"

For more info contact Allison Gallant at agallant@hsph.harvard.edu

**Harvard Medical School PhD Program in Virology Seminar Series**

New Research Building, 77 Avenue Louis Pasteur, Boston, Room 1031

**March 28, 2013**

12:30 - 2:00 PM

**Priscilla L. Yang, Ph.D.**, Harvard Medical School

For more information, visit [http://www.hms.harvard.edu/dms/virology/Seminars.html](http://www.hms.harvard.edu/dms/virology/Seminars.html)
Microbial Sciences Initiative Seminars  
HUCE - 24 Oxford St, Cambridge, 3rd Floor, Room 310

March 29, 2013  
8:30 - 9:30 AM  
Michael Valentino, Dept. of Ophthalmology, Harvard Medical School  
"Staphylococcus aureus fitness in physiological environments using TnSeq"

April 5, 2013  
8:30 - 9:30 AM  
Eleftherios Mylonakis, Dept. of Medicine, Harvard Medical School  
"Asking the worms for advice: Using C. elegans to study fungal pathogenesis"

For more information, contact Nora Millan Rivas at nemrivas@fas.harvard.edu

Department of Immunology and Infectious Diseases Symposium

April 2, 2013  
1:30 – 5:00pm  
Broad Institute Auditorium, 7 Cambridge Center, Cambridge, MA

Exploring Challenges and Opportunities for P. vivax Malaria Eradication

For more information visit http://www.hsph.harvard.edu/immunology-and-infectious-diseases/a-scientific-symposium-exploring-challenges-and-opportunities-for-p-vivax-malaria-eradication/

Infectious Disease Epidemiology / Center for Communicable Disease Dynamics / Translational Epidemiology Seminar Series

April 8, 2013  
12:30 – 1:30pm  
HSPH, FXB G13

Dr. Myron Cohen, University of North Carolina, Principal Investigator for HPTN 052

Lunch will be provided. For more info contact Alan Berkeley: aberkele@hsph.harvard.edu or Sherida Kipp at skipp@hsph.harvard.edu

Harvard Center for AIDS Research (CFAR) / Fenway Health Special Symposium

April 8, 2013  
2:30pm - 8:00pm  
Fenway Health, 1340 Boylston Street, Boston

New Advances in Antiretrovirals for HIV Prevention

Dr. Myron Cohen, University of North Carolina, Principal Investigator for HPTN 052

For more information visit http://cfar.globalhealth.harvard.edu/icb/icb.do?keyword=k58622&pageid=icb.page575653
NEWS and ANNOUNCEMENTS

CCDD Welcomes Anne Presanis
http://ccdd.hsph.harvard.edu/NewsEvents/The-Center-Welcomes-Anne-Presanis

In India, Fighting TB with Fingerprints
http://www.voanews.com/content/india-tuberculosis-fingerprints-monitoring-technology/1611046.html

Scale-up of HIV treatment in rural South Africa dramatically increases adult life expectancy

Chlamydia targeted in Bowdoin–Geneva
http://bostonglobe.com/metro/2013/02/24/effort-aims-quash-high-rate-chlamydia-bowdoin-geneva/wvMsz38J4q9m43y1U5Pi8M/story.html

Analysis: Emerging deadly virus demands swift sleuth work
http://www.reuters.com/article/2013/02/27/us-coronavirus-idUSBRE91Q0MD20130227

PEPFAR’s glowing report card, 10 years later
http://www.washingtonpost.com/opinions/pepfars-glowing-report-card-10-years-later/2013/02/25/1a1c67e4-7ede-11e2-b99e-6baf4ebe42df_story.html

Maternal health advocates push for new global goals
http://www.hsph.harvard.edu/news/features/maternal-health-tanzania/

A Survey of Internet-based Disease Outbreak Discovery Resources
https://www.epimodels.org/midas/pubOutbreakResources.do?jsessionid=0a60c06630d9318a1dcae3c14f41abe6d614e1f9e7a9.e34OaNaLc34QbO0TahaTbxmNa3n0n6jAmljGr5XDqQLypAe

For more news, please visit:

HSPH News page: http://www.hsph.harvard.edu/news/features/

HSPH AIDS Initiative Newsletter: http://www.aids.harvard.edu/news/spotlight/v9i3_index.html

Harvard Public Health Magazine:
Infectious Disease Section: http://www.hsph.harvard.edu/news/magazine/infectious-diseases/

NIAID Monthly Newsletter
FUNDING OPPORTUNITIES

Immune Mechanisms of Virus Control RFA-AI-12-048
National Institute of Allergy and Infectious Diseases
Application Due Date: April 16, 2013
For more information visit http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-12-048.html

Research to Advance Vaccine Safety (RO1) PA-12-037
National Institute of Allergy and Infectious Diseases
National Center for Emerging and Zoonotic Infectious Diseases
Standard due dates apply: http://grants.nih.gov/grants/funding/submissionschedule.htm
For more information visit http://grants.nih.gov/grants/guide/pa-files/PA-12-037.html

Genomic Centers for Infectious Diseases RFA-AI-13-009
National Institute of Allergy and Infectious Diseases
Letter of Intent Due: May 24, 2013.
Application Due: June 24, 2013

Tuberculosis Research Units (U19) RFA-AI-12-045
National Institute of Allergy and Infectious Diseases
Letter of Intent Due: June 1, 2013.
Application Due: July 1, 2013
For more information visit http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-12-045.html

Partnerships for Biodefense (R01) RFA-AI-13-013
National Institute of Allergy and Infectious Diseases
Letter of Intent Due: June 2, 2013.
Application Due: July 2, 2013

Research in latent tuberculosis infection in the setting of HIV Co-Infection (R01) PAR-13-061
National Institute of Allergy and Infectious Disease
Application Due Date: July 25, 2013

The Center for Communicable Disease Dynamics (CCDD), offers several funding opportunities that encourage exploration within this field. The Center is committed to promoting collaboration, increasing diversity, and providing opportunities that support emerging scientists in this field. Opportunities include Master of Science Scholarships, Doctor of Science Scholarships, Travel Grants to attend conferences or visit HSPH, and funding for GRE instructional courses. Please visit the CCDD website to learn more: http://ccdd.hsph.harvard.edu/opportunities. CCDD is located at 677 Huntington Avenue, 5th Floor. For more information, contact Alissa Scharf, Administrative Director, at ascharf@hsph.harvard.edu
CAREER OPPORTUNITIES

**Postdoctoral Research Fellow**
**Fred Hutchinson Cancer Research Center, Seattle, Washington**
Develop mathematical models of cholera epidemics. The purpose of the modeling is to better understand the dynamics of outbreaks and to help determine optimal strategies for control, especially with the use of vaccines. The successful applicant would work with Dr. Dennis Chao, Dr. Betz Halloran, and Dr. Ira Longini of the Center for Statistical and Quantitative Infectious Diseases in the Vaccine and Infectious Disease Division. For more information visit https://erecruit.fhcrc.org/psp/RECRUIT/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_CE.GBL?Page=HRS_CE_JOB_DTL&Action=A&JobOpeningId=25015&SiteId=2&PostingSeq=1

**Data Coordinator**
**Fred Hutchinson Cancer Research Center, Seattle, Washington**
Assist with a new cholera modeling project. The aim of this project is to use modeling to help policymakers determine how to best use scarce supplies of cholera vaccine. Major duties include serving as a liaison with international agencies to support our modeling efforts, ensuring IRB compliance when receiving data from third parties, and writing reports and literature reviews. For more information visit https://erecruit.fhcrc.org/psp/RECRUIT/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_CE.GBL?Page=HRS_CE_JOB_DTL&Action=A&JobOpeningId=25014&SiteId=2&PostingSeq=1

**Tenure-Track Clinical Assistant Professor**
**Non-Clinical Associate Professor/Assistant Professor**
**University of Hong Kong Department of Community Medicine and School of Public Health**
The Department and the School have launched a major search exercise to recruit top-tier academic staff to complement the existing teams of over 60 faculty organized into a matrix structure of five academic divisions: Behavioral health, Community medicine and public health practice, Epidemiology and biostatistics, Health economics, policy and management, and Public health virology.

For more information on both positions visit: https://www.epimodels.org/midasdocs/EducationAndOutreach/UHK_job.doc

**Statistician, Modeling and Economics Unit**
**UK Health Protection Agency, London**
Opportunity for a statistician interested in doing world-class research with a direct impact on public health policy to join the HPA Modelling and Economics Unit and collaborate with the MRC Centre for Outbreak Analysis & Modelling at Imperial College London. For more information visit https://www.epimodels.org/midasdocs/EducationAndOutreach/Imperial_college.doc
SUMMER PROGRAMS

Models of Infectious Disease Agent Study (MIDAS) National Center of Excellence
Summer Research Program at the University of Pittsburgh
May 20 – July 26, 2013

Through this ten-week Summer Research Program, participants will gain an appreciation of major research questions being raised at the intersection of public health, biological science, and computer technology. Participants selected for this program will work with MIDAS Investigators, experienced graduate students and postdoctoral fellows conducting exciting interdisciplinary research projects in this dynamic field. This intensive research-based experience will prepare applicants interested in working at the interface of mathematics, computer science, engineering, statistics, epidemiology, public health and biological sciences for the rigors of scientific research and graduate education. For more information visit https://midas.pitt.edu/index.php?option=com_content&view=article&id=230&Itemid=204

Summer Institute in Statistics and Modeling in Infectious Diseases
University of Washington
July 8 – 24, 2013

The Institute consists of a series of two-and-a-half day workshops designed to introduce infectious disease researchers to modern methods of statistical analysis and mathematical modeling and to introduce statisticians and mathematical modelers to the statistical and dynamic problems posed by modern infectious disease data. Prerequisites are minimal, and the modular nature of the Institute enables participants to design a program best suited to their backgrounds and interests. Most participants will likely take two or three modules. For more information visit http://depts.washington.edu/sismid/general.html

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