

HIV Transmission



Deborah Anderson, PhD - Professor of Obstetrics and Gynecology at BUSM. Dr. Anderson's laboratory in the department of Obstetrics and Gynecology at

BUMC conducts research on immunology, sexually transmitted infections, and their effects on fertility.



Andrew Henderson, PhD - Associate Professor of Medicine. Dr. Henderson's laboratory focuses on cellular mechanisms that regulate HIV replication and transcription.

Other Program Mentors for BU CHART:

Howard Cabral, PhD, MPH
Mari-Lynn Drainoni, PhD
Allen Gifford, MD
Christopher Gill, MD
Suryaram Gummuluru, PhD
Karen Jacobson, MD, MPH
Benjamin Linas, MD, MPH
William MacLeod, ScD
Bjorn Reinhard, PhD
Sydney Rosen, MPA
Lora Sabin, PhD
Manish Sagar, MD
Gregory Viglianti, PhD

Ethics Mentorship



George J. Annas, JD, MPH - William Fairfield Warren Distinguished Professor and chair of the Department of Health Law, Bioethics & Human Rights at BUSPH. Professor Annas has been called "the father of patient rights", "the doyen of American medico-legal analysts", and a "national treasure."



Michael A. Grodin, M.D., - Professor of Health Law, Bioethics and Human Rights and Professor of Psychiatry and Family Medicine. Dr. Grodin has received two of the highest awards

granted to the Faculty, the Career Research and Scholarship Award and the Norman A. Scotch Award for Excellence in Teaching.



Wendy K. Mariner, JD, MPH - Edward R. Utey Professor, Health Law, Policy & Management. Professor Mariner researches laws governing health risks, including social and personal responsibility for

risk creation in conceptions of insurance, as well as national health systems.



Boston University Clinical HIV/AIDS Research Training Program (BU-CHART)

A two-year mentored postdoctoral research training program designed for MD & PhD researchers to conduct high-quality, ethical HIV/AIDS research focused on disadvantaged populations.

Offers NIH/NIAID T32 mentored clinical research experience with funding to support stipend, tuition, fees for coursework, travel funds, and health insurance.

The Boston University Clinical HIV/AIDS Research Training Program (BU-CHART) is a 24-month traineeship that includes an introductory series of didactic lectures in HIV/AIDS, classroom work and a mentored thesis leading to the MSc or PhD degree in Epidemiology, ethics coursework and mentoring and a series of Clinical Research seminars as part of the Boston University CREST Program.

The candidate's research will focus on one of four specific subject areas where BU has particular strengths: Opportunistic Diseases, Adherence and Natural History, Substance Use and Transmission.

Program Overview

The BU-CHART program will train physicians, basic scientists and PhD candidates to answer important questions about HIV infection through clinical and translational studies to determine how to improve people's health through prevention and treatment. BU-CHART will train the next generation of HIV researchers, through interactions with skilled physicians and health professionals who currently conduct these studies, to meet the future challenges of HIV infection of men, women, and children.

BU-CHART program will concentrate on four areas of HIV-related clinical research: HIV Co-infection (TB and HCV), Adherence/Natural History, Substance Use and HIV Transmission.

Admission Criteria & Application Process

Applicants to BU-CHART must have completed a doctoral program (MD, PhD, or DSc) and be interested in pursuing an academic research career in HIV/AIDS.

Applicants must be US Citizens or permanent residents. Women and minorities are encouraged to apply.

Applicants must complete the following:

- BU-CHART Application Form
- Personal Statement (Two pages)
- CV/Resume
- Names and addresses of three References.

For additional information about the program and instructions on how to apply, please visit our website:

<http://www.bumc.bu.edu/id/trainingprograms/bu-chart/>.

Program Senior Mentorship

HIV Co-Infection



C. Robert Horsburgh, Jr., MD, MUS – Professor of Epidemiology, Biostatistics & Medicine. Dr. Horsburgh's research interests include epidemiological studies of HIV, TB, and other opportunistic infections; HIV and TB vaccine trials; and drug trials for the treatment

and prevention of TB.



Jerrold Ellner, MD – Professor of Medicine at BU and Chief of the Section of Infectious Diseases at Boston Medical Center. Dr. Ellner's research interest is in tuberculosis and its interactions with HIV infection.

Adherence/Natural History



Donald Thea, MD - Professor of Global Health and the Director of the Center for Global Health and Development (CGHD). Dr. Thea's research interests include both domestic and international

clinical and epidemiological infectious disease research, primarily in issues related to child survival and in particular mother to child transmission of HIV/AIDS.



Matthew Fox, DSc, MPH - Professor of Epidemiology and Global Health. Dr. Fox analyses HIV treatment databases in South Africa to look for ways to improve outcomes on and access to HIV treatment, with a particular focus on retention in HIV care and improve overall program retention.

Substance Use



Jeffrey Samet, MD, MA, MPH - Professor of Medicine and Community Health Sciences at Boston University and Chief of the Section of General Internal Medicine at BUSM and Boston Medical Center. Dr. Samet's research focus is on the impact of alcohol and drug use on HIV disease and efforts to mitigate adverse effects.



Richard Saitz, MD, MPH - Chair and Professor of Community Health Sciences at BUSPH and Professor of Medicine at BU School of Medicine. Dr. Saitz is an epidemiologist and health services researcher with expertise and experience with cohort studies and randomized trials in people with alcohol and drug use.