

# STD Prevention Science Series

Presented by the Centers for Disease Control and Prevention, Division of STD Prevention and  
The American Sexually Transmitted Diseases Association

The **Centers for Disease Control and Prevention, Division of STD Prevention** and the **American Sexually Transmitted Diseases Association** have partnered to bring you the latest research and best practices for STD prevention with the STD Prevention Science Series. This quarterly series will bring lectures on cutting edge issues by scientists and program experts of world renown to all persons interested in the prevention of STDs, including HIV.

**SEPTEMBER 7, 2017: 1:00 – 2:00PM EST**

## **Integration of molecular epidemiology with behavioural surveillance to identify HIV and HCV epidemic drivers in at risk populations: Lessons learned from Pakistan and Ukraine** by Paul Sandstrom, PhD



The presentation will focus on the use of bioinformatics tools to resolve HIV and HCV transmission dynamics in at risk populations in Pakistan and Ukraine. Specifically the identification of a previously underappreciated HIV epidemic amongst young women engaging in transactional sex work in Eastern Europe, as well hidden epidemic drivers in at risk populations (people who inject drugs and sex workers) in Pakistan.

Dr. Paul Sandstrom received his doctorate from the Department of Immunology at the University of Manitoba where he conducted research on the regulation of tumor progression by the immune system. After completing his post-doctoral research on immune cell regulation and responses to oxidative stress in North Carolina, Dr. Sandstrom joined the HIV/AIDS and Retrovirology Branch of the Centers for Disease Control and Prevention in Atlanta, GA. From 1993 to 2002, he worked as a research scientist at the CDC conducting studies on the regulation of HIV-1 expression as well as sentinel surveillance to detect adventitious zoonotic agents which could pose a threat to the blood system. Dr. Sandstrom has authored more than 100 papers accepted in peer-reviewed journals. Since returning to Canada in 2002, he has been the Director of the National HIV and Retrovirology Laboratories, Public Health Agency of Canada. In this role, he has been responsible for planning, directing, and managing laboratory research, surveillance and clinical testing programs as part of Canada's Federal Initiative on HIV/AIDS. Dr. Sandstrom frequently serves as an advisor to the World Health Organization on laboratory programming pertaining to HIV drug resistance genotyping and sequencing. Dr. Sandstrom also participated in the Canadian response to the ebola crisis in West Africa, deploying on three occasions to provide ebola diagnostic support to Doctors Without Borders/Médecins Sans Frontières treatment facilities in Sierra Leone and Guinea.

Participants can join the event by clicking [this link](#) and calling 855-348-8390. The conference ID is 2552594.

## **FUTURE PRESENTATION DATE AND SPEAKER**

**December 7, 2017— TBD**

**For more information visit [www.astda.org](http://www.astda.org)**