From: Hudes, Estie
To: "Biostat_listserv"
Subject: Methods Core seminar in September 9/20/2011 - Dr. Ali Mirzazadeh
Date: Monday, August 26, 2013 4:08:15 PM

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Dear Methods Core seminar participants,

Welcome to the first seminar of CAPS Quantitative Methods Core seminars for the academic year 2013/2014.

Topic: **Network Scale-Up to Estimate the Population Size of High-Risk Groups for HIV**

Presenter: Ali Mirzazadeh, MD PhD

postdoctoral scholar at the Institute for Health Policy Studies, UCSF

& Education Manager of the Regional Knowledge Hub for HIV/AIDS Surveillance in Iran

Time & Place: Friday, September 20, 10-11:30

McKusick Conference room

50 Beale Street, 13th floor

San Francisco, CA 94105

Abstract: Knowledge about the size of the key populations at higher risk for HIV (e.g. injection drug users, female and male sex workers, men who have sex with men) is crucial but how to accurately estimate the size is challenging. Several methods have been proposed/implemented, but so far no one method is perfect. One of the recently developed methods is network scale up (NSU). It has the potential to estimate the size of high risk

groups without direct contact. Thus, compared with other available methods, it looks to be more feasible and socially acceptable.

In the session, Dr. Ali Mirzazadeh will present the basics of the NSU and related analysis methods as well as post-correction techniques to address visibility bias and barrier effects to produce plausible estimates. The data that he will use to demonstrate the method are from Iran's NSU national project.

Short bio: Dr. Ali Mirzazadeh is a postdoctoral scholar at the Institute for Health Policy Studies, University of California San Francisco and Education Manager of the Regional Knowledge Hub for HIV/AIDS Surveillance (WHO Collaborating Center) in Iran. He completed his medical degree at Kerman University of Medical Sciences in Iran, and his master's degree in public health and PhD in epidemiology at the Tehran University of Medical Sciences, Iran. Ali's research focuses on reaching hidden populations at high risk for HIV infection such as FSW, MSM, IDU and prisoners for epidemiological studies, surveillance, and behavioral prevention interventions. He has been teaching surveillance, population size estimation and research methods in Iran and internationally over the last 9 years.

RSVP to Dr. Estie Hudes

Materials from past Methods Core seminars can be found at

http://caps.ucsf.edu/about/structure-cores/methods-core/methods-core-seminars/

Directions to CAPS:

http://caps.ucsf.edu/about/directions-parking/

Hope to see many of you at this presentation,

--Estie

Estie Sid Hudes, PhD MPH

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