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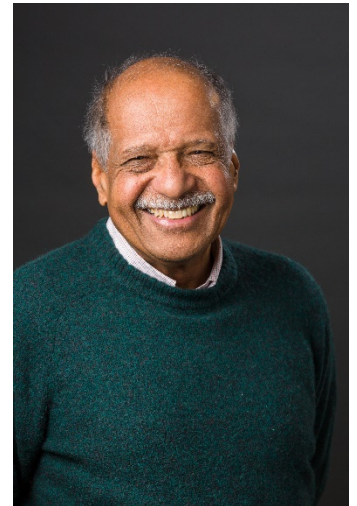
Center for Interdisciplinary Research on AIDS
at Yale University

Interdisciplinary HIV Research Seminar

*"When Things Go Wrong: Statistical Approaches
to Problem Data in Randomized Clinical Trials"*

Russell "Skip" Barbour, PhD

- Associate Director for Research Methods and Analysis, CIRA
- Co-Director, Data Management and Statistical Analysis, Interdisciplinary Research Methods Core, CIRA
- Associate Research Scientist in Public Health (Biostatistics), Yale School of Public Health



Wednesday, April 22

12:00 pm – 1:00 pm

135 College Street, Suite 200

New Haven, CT

Light refreshments will be provided.

Contact Russell Barbour (russell.barbour@yale.edu) for questions or if you will be joining by video/telephone conference.

Sponsored by the Center for Interdisciplinary Research on AIDS (CIRA). CIRA is supported by National Institute of Mental Health Grant No. P30MH062294, Paul D. Cleary, Ph.D., Principal Investigator.

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Dr. Barbour's research has focused on programming R software for novel statistical applications in epidemiology. He has also done extensive research on geographic information systems (GIS) for both mapping and spatially explicit analysis and spatial statistics.

As Research Associate in Applied Mathematics at the Vector Ecology Laboratory of Yale School of Medicine, Dr. Barbour applied spatial statistics and Artificial Neural Networks (ANN) to problems in vector borne disease here in the United States. Dr. Barbour used these evolving methods to integrate climate and microclimate data into probability assessments of human risk of Lyme disease and West Nile Virus.

In his current position as Co-Director for the Interdisciplinary Research Methods at CIRA, Dr. Barbour does research on application of statistical modeling, Bayesian analysis, and spatial statistics to HIV and hepatitis risk and transmission dynamics.

Most recently he has completed a spatial analysis of HIV risk factors among intravenous drug users in St. Petersburg, Russia. In October 2007 he taught a seminar course at CIRA on the application of Bayesian Methods to HIV research at Yale School of Medicine.

In 2005, 2006, 2007, 2008 and 2009 under various agreements between Yale and the Russian government, Dr. Barbour taught spatial statistics, Bayesian methods and Generalized Estimating Equations at the State University of St. Petersburg, Russia and the affiliated Bio-medical Center of St. Petersburg.

As a member of the Board of Trustees of the non-profit organization Medical Care Development, Dr. Barbour continues to be involved in international health projects in South Africa, Equatorial Guinea, Sudan and Madagascar. He also continues his interest in wildlife conservation and has served as a member of the International Advisory Board of the Cape Peninsula National Park in South Africa and is a member of the Development Committee of the Beza Mahafaly Special Reserve in southwestern Madagascar.