

## Application Materials

[www.biostat.wustl.edu/sipid](http://www.biostat.wustl.edu/sipid)

1. Application Packet must include:

- Application form
- Curriculum vita
- Statement of research interest in genetic epidemiology

2. Letter of support from Department Chair

3. Apply early. Program uses “rolling admissions”.

4. Documents mailed to:

Washington University School of Medicine

Division of Biostatistics

Attn: Linda Schreier

SIPID-GE Program Administrator

Campus Box 8067, 660 S. Euclid

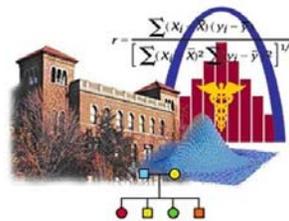
St. Louis, MO 63110

PH: 314-362-1565

FAX: 314-362-2693

Email: [sipid-ge@wubios.wustl.edu](mailto:sipid-ge@wubios.wustl.edu)

Application materials may be downloaded from the website.

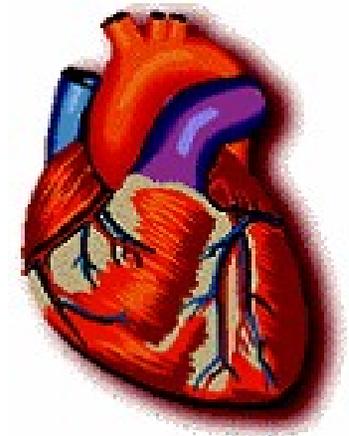


### *The Division of Biostatistics*

has earned a national and international reputation as a research center of excellence. It plays leadership roles on several NHLBI-funded multicenter cardiovascular family studies.

# Summer Institute in Genetic Epidemiology,

with a focus on Cardiovascular and  
other Heart, Lung, Blood, and  
Sleep Disorders



# SIPID-GE

Next Session

July 24-August 14,  
2008

# Summer Institute in Genetic Epidemiology

with a focus on Cardiovascular, and other Heart, Lung, Blood, and Sleep Disorders

Washington University in St. Louis, School of Medicine, now offers an *all-expense-paid* summer institute in genetic epidemiology, sponsored by the NHLBI for the purpose of increasing diversity in the biomedical research workforce. Junior faculty from Under Represented Minority population groups and faculty with disabilities qualify for this opportunity.

The summer institute is designed to prepare the participants to work at the interface of genetic epidemiology, bioinformatics, cardiovascular disease, and other heart, lung, blood and sleep disorders.

The program includes:

- Two 3-week summer sessions, beginning with July 24-August 15, 2008
- Didactic courses in Fundamentals of Genetic Epidemiology and Bioinformatics (tuition-free)
- Brief mid-year meeting for all participants with their mentors
- Workshops and lectures on cardiovascular epidemiology
- Workshops in grants-writing

- Excellent opportunity to develop research skills necessary for genetic dissection of cardiovascular disease and risk factors
- Opportunity to develop a network of collaborators and resources to conduct research in the genetic epidemiology of cardiovascular disease and risk factors

## Core Curriculum

- Bioinformatics: Gene Expression, Data Mining and Pattern Recognition
- Fundamentals of Genetic Epidemiology: Heritability, Segregation, Linkage, Association Analysis
- Survey lectures on special topics
- Hands-on computer labs

## Prospective Participants

- Junior faculty with interests in pursuing genetic epidemiology research with a focus on cardiovascular and other Heart, Lung, Blood, and Sleep Disorders and
- Who are from an under represented minority (URM) population group, or
- Who have a disability

## Program Faculty

Faculty include world renowned Genetic Epidemiologists such as:

**D.C. Rao, Ph.D., Program Director**, who is one of the early pioneers of the field with substantive research interests in cardiovascular genetic epidemiology, is the founding editor of the journal Genetic Epidemiology, and an early president of the International Genetic Epidemiology Society.

**Victor Davila-Roman, M.D., Program Co-Director**, is a renowned Cardiologist and an outstanding cardiovascular geneticist with established research programs in the fields of cardiac imaging and hypertension.

**Treva Rice, Ph.D., Program Co-Director and Course Master**, is an outstanding genetic epidemiologist with research preeminence in the effects of gene-environment interactions involving nutrition and physical activity on cardiovascular disease and risk factors.

**C. Charles Gu, Ph.D., Course Master**, is a renowned researcher in statistical genetics and bioinformatics, with extensive experience in studies of complex traits including cardiovascular risk factors. He is an active and respected educator and mentor.

A host of other internationally renowned & outstanding faculty leaders will also participate in this program, such as Donna Arnett (University of Alabama) and George Bonney (Howard University), and the following from Washington University in St. Louis: Ingrid Borecki, Anne Bowcock, Mario Castro, James Cheverud, F. Sessions Cole, Michael DeBaun, Lisa de las Fuentes, Andrew Heath, J. Philip Miller, Michael Province, John Rice, Kenneth Schechtman, and Alan Templeton.