

Summer Institute Program to Increase Diversity (SIPID)

is an all-expense-paid research career advancing opportunity sponsored by the National Heart, Lung, and Blood Institute (NHLBI) through a variety of Summer Institutes. These mentored research programs will address the difficulties experienced by junior investigators in establishing independent research programs and negotiating through the academic ranks. The desired outcome is to improve the recruitment and retention of faculty from disabled and underrepresented minority groups in the study of heart, lung, blood, and sleep disorders.

WHO?

- Junior faculty and scientists (i) from under represented minority population groups and/or (ii) with disabilities

WHY?

- Broaden the demographic profile of medical research by training junior scientists from underrepresented minority backgrounds and/or with disabilities

HOW?

- The all-expense-paid program brings participants to the University for 1 to 3-week sessions during two consecutive summers with a short mid-year visit
- Establish mentor-mentee partnerships with matching based on common research interests
 - Mentors experienced in research and grant writing
 - Long-term collaborations
- The didactic curriculums involve faculty and mentors from multiple disciplines with various levels of hands-on training
 - Special emphasis placed on developing grantsmanship skills, with mentors assisting mentees one-on-one to develop specific research projects and improve long-term fundability

APPLY EARLY! There are only a limited number of openings for each program

Summer Institute Program to Increase Diversity (SIPID)

Sponsored by the National Heart, Lung, and Blood Institute

There are three dynamic programs in exciting clinical and basic research areas

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

Washington University in St. Louis

Program Director, D.C. Rao Ph.D.

For more information contact

sipid-ge@wubios.wustl.edu

<http://www.biostat.wustl.edu/sipid/>

***Functional Genomics
of Blood Disorders,***
University of Texas at Dallas
Program Director, Betty S. Pace M.D.

For more information contact

fleming@utdallas.edu

<http://utdallas.edu/sipid/>

Cardiovascular Health Disparities,
SUNY Downstate at Brooklyn
Program Director, Mohamed Boutjdir Ph.D.

For more information contact

gjean-louis@downstate.edu

<http://www.downstate.edu/sipid/>



**Genetic Epidemiology
SIPID – Genetic Epidemiology
Washington University in St. Louis**

**Upcoming Summer Institute Dates
July 25 – August 13, 2009**

The Summer Institute through the Division of Biostatistics at Washington University in St. Louis is designed to provide a working knowledge and appreciation for genetic epidemiology (GE) and bioinformatics methods, and to integrate these skills with the mentee's research interests in Cardiovascular Disease, and other Heart, Lung, Blood, and Sleep Disorders. GE is the study of how genes and environments influence the risk for heart disease, hypertension and stroke. While the incidence of CVD is disproportionately large in minority groups, only 4% of doctoral degree holders employed in biological and medical occupations are from these minority groups. Toward the mission of increasing diversity in the field of CVD research, our objectives include:

- Providing fundamental training in GE and bioinformatics, and explore current trends in CVD research, with an emphasis on hands-on learning in addition to pure didactic course work
- Establishing partnerships between mentor and mentee based on mutual research interests in the area of CVD and associated risk factors
- Helping the mentees develop the skills needed to apply for independent career development research grants by taking full advantage of the extraordinary resources of the participating faculty and mentors
- Providing a grants workshop conducted by NHLBI staff

**Functional Genomics of Blood Disorders
SIPID –Red Blood Cell Disorders
The University of Texas at Dallas**

**Upcoming Summer Institute Dates
July 6 – 17, 2009**

The Summer Institute hosted by the Department of Molecular and Cell Biology at the University of Texas at Dallas is designed to address the area of genomics to biology. The goal of this program is to train junior faculty to do hemoglobin and red blood cell membrane research. Functional genomic approaches will be used to understand mechanisms of globin gene regulation and proteomics to study the red blood cell membrane in health and disease. During the Institute, mentees will learn how to access public databases established by the Human Genome Project and to perform basic data mining methods. The program objectives include:

- Providing fundamental hands-on bench research training by interdisciplinary faculty in the areas of genomics, cell and molecular biology and proteomics
- Establishing partnerships between mentees and mentors based on mutual research interests
- Providing a grants workshop conducted by NHLBI staff to assist mentees with project focus and identifying viable funding sources to promote a sustainable independent research program for career advancement

**Cardiovascular Health Disparities
SIPID – Health Disparities
SUNY Downstate Medical Center in New York**

**Upcoming Summer Institute Dates
July 12 – 24, 2009**

The Summer Institute through the Downstate Medical Center in Brooklyn will provide intensive didactic and mentored research training program in cardiovascular health disparities. Administratively and conceptually housed within the Brooklyn Health Disparities Research Center, the goal of this multidisciplinary research training program is to inspire trainees to conduct research in cardiovascular health disparities employing techniques at the forefront of the field. Towards the goal of decreasing health disparities in the field of cardiovascular research, the program includes:

- Providing fundamental training by interdisciplinary faculty in the area of health disparities, among others
- Establishing partnerships among mentors and mentees based on their mutual research interests in the area of cardiovascular health disparities
- Helping the mentees develop skills needed in order to develop independent research interests and apply for independent research grants
- Providing a grants workshop conducted by NHLBI staff to promote a sustainable independent research career