

Application Materials

www.biostat.wustl.edu/pridecc

1. Complete Pre-Application Form
2. Upon request, complete Main Application which consists of:
 - Application Form
 - Curriculum Vita
 - Summary of academic work or re-search experience in Biostatistics, SAS, and Biological Sciences, Epidemiology, and Genetics
 - Statement of research interest in CVD genetic epidemiology
 - Recommendation Form and Letters of support from Department Chair and Mentor or Colleague

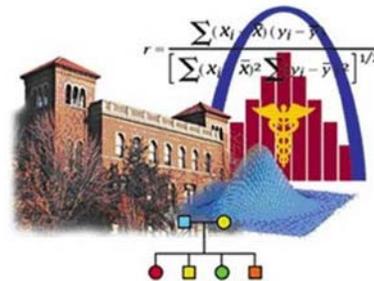
Apply Early. Rolling Admissions until all slots are filled, with a target deadline of March 1, 2017.

Contact Information:

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SIPID/PRIDE Mentee Testimonials

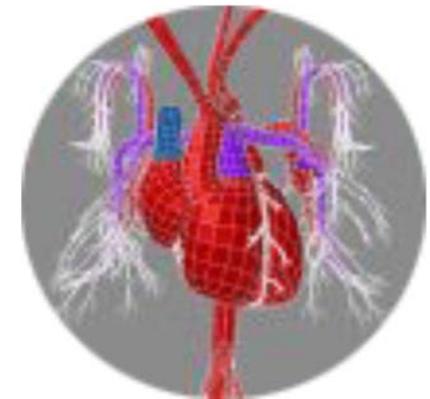
- Career-wise, it is the best step I have taken as junior faculty
- It is an experience that I wish every beginning scientist could have
- Outstanding mentorship
- Learned about funding opportunities available for early investigators
- Outstanding "brainstorming" sessions that contributed to improve my research proposal
- A vastly increased knowledge of the NIH funding process



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 multi-center cardiovascular family studies.

PRIDE Programs to Increase Diversity Among Individuals Engaged in Health-Related Research



**Summer Institute in Cardiovascular
Genetics and Epidemiology**
with a focus on Cardiovascular and other
Heart, Lung, Blood, and Sleep Disorders

**PRIDE-CGE
Cohort 6 Summer 2017
July 5-July 26, 2017**

PRIDE

PRograms to **I**ncrease **D**iversity Among
Individuals **E**ngaged in **H**ealth-Related **R**esearch

Washington University in St. Louis, School of Medicine, now offers an *all-expense paid* summer institute in Cardiovascular Genetics and Epidemiology, initiated and funded by the NHLBI, for the purpose of increasing diversity in the biomedical research workforce.

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

The program includes:

- Two 3-week summer sessions, beginning July 5, 2017
- Didactic lectures in Genetic Epidemiology and Bioinformatics
- Brief mid-year meeting for all participants with their mentors
- Group meeting with all PRIDE sites and NHLBI for training and networking
- Workshops and lectures on Cardiovascular Genetic Epidemiology and other Heart, Lung, Blood and Sleep Disorders
- 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

- Fundamentals of Genetic Epidemiology: Heritability, Segregation, Linkage, Association Analysis
- Bioinformatics: Gene Expression, Data Mining and Pattern Recognition
- Survey lectures on special topics
- Group brainstorming sessions during most lunch hours with mentors and mentees for discussing and developing ideas for new grant applications
- Multiple mentor-mentee meetings throughout

Prospective Participants

Junior faculty from a background that is underrepresented in biomedical sciences or those with a disability would qualify if:

- They have a research interest in Cardiovascular Genetics and Epidemiology with a focus on other Heart, Lung, Blood, and Sleep Disorders and
- They have an interest in developing an independent research career

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-in-chief 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.

 **Washington University in St. Louis**
SCHOOL OF MEDICINE

Treva Rice, Ph.D. and Yun Ju Sung, Ph.D., are the Course Masters of Fundamentals of Genetic Epidemiology, Dr. Rice 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. Dr. Sung's research interests are statistical genetics, computational methods for gene-mapping, Monte Carlo, maximum likelihood, missing data, and asymptotics.

C. Charles Gu, PhD and Jinqin (Rosy) Luo, PhD, are the Course Masters of Bioinformatics. Dr. Luo has research interests of statistical methodology development and application involving classification methods, diagnostic test, variable selection, survival analysis and covariance estimation. Dr. Gu's research activities encompass a wide spectrum across designing, conducting and analyzing genetic studies of complex diseases.

Additional Faculty

A host of other internationally renowned and outstanding faculty leaders from Washington University and other leading programs also participate in this program such as: Donna Arnett (University of Kentucky), Eric Boerwinkle (University of Texas Health Science Center), Mario Castro, Shweta Choudhry (University of California, San Francisco), F. Sessions Cole, Sharon Cresci, Lisa de las Fuentes, Feng Gao, James Gavin III (Emory University), C. Charles Gu, Aldi Kraja, Ronald Krone, Douglas Mann, Richard McGee, JR (Northwestern University), J. Philip Miller, Aubrey Morrison, Michael Province, Susan Racette, John Rice, Kenneth Schechtman, Nathan Stitzel, Yun Ju Sung, Ting Wang, and Chengjie Xiong.

Alumni quote: "Just knowing that people really care about my future success as a researcher, and are willing to invest time and resources in this process means the world to me!"