Dear Colleagues,

I would like to invite you and your colleagues to join myself and other faculty from The Framingham Heart Study (FHS) and the Boston University School of Medicine Center for Translational Epidemiology and Comparative Effectiveness Research and the Section of Preventive Medicine and Epidemiology for an intensive, three day meeting focusing on the unique data from the FHS.

The mission of this three-day workshop is to enable young clinical investigators and clinician scientists (MDs and PhDs) with the tools and resources to use epidemiological data to perform cardiovascular translational research, using data from FHS as an example. The mornings will start with discussion sessions in key topic areas led by leaders in the field where they will discuss how they have accessed FHS data to answer career-building questions. The afternoons will be highlighted by an applied experience with instruction on how to access FHS data, how to analyze the data, and how to evaluate the utility of the data for collaborations and grant applications.

Post conference, attendees will receive year-long mentoring from the Functional Genomics and Translational Biology Council at AHA along with monthly peer group connections to address questions and concerns throughout the year regarding grant writing.

To be considered for this unique and exciting opportunity, you will need to complete an online application which will be available April 1st at bu.edu/cme.

We are confident you will leave with new ideas and a desire to apply epidemiological data to perform translational research.

Vasan S. Ramachandran, MD, DM, FACC, FAMA
Course Director
Professor of Medicine and Epidemiology
Chief, Section of Preventive Medicine & Epidemiology,
Department of Medicine, Boston University Schools of Medicine & Public Health
Principal Investigator, The Framingham Heart Study

July 5-8, 2015
Boston University School of Medicine, Boston, MA

Please apply at bu.edu/cme.
Online Application:
Please visit our website to complete an online application beginning on April 1st. Deadline to apply is May 15th. Successful applicants will be notified by May 29th. Link to apply:
http://www.bumc.bu.edu/cme/educational-opportunities/live-meetings/genetic-epidemiology/

Who Should Apply?
Clinical investigators and clinician scientists from academic medical centers whose research focuses on cardiology, neurology, nephrology, orthopedics, vascular medicine and public health.

Cost:
Without Accommodations: $500
With Accommodations (3 nights): $750
- Accepted participants will be given instructions about payment upon acceptance in to the program.
- Registration fees include lunch and breaks each day, the opening dinner and course materials.

Course Objectives:
At the end of this course, participants will be able to use, analyze, and evaluate Framingham Heart Study data for grant applications.

Sponsored by:
- The Framingham Heart Study
- Boston University School of Medicine
- Circulation Cardiovascular Genetics
- Center for Translational Epidemiology and Comparative Effectiveness Research and Section of Preventive Medicine and Epidemiology, Boston University School of Medicine

Location and Accommodations:
All academic sessions will be held at the Boston University School of Medicine medical campus in the historic South End of Boston at 72 E. Concord Street, Boston, MA 02118.
Accommodations will be provided at a hotel near the medical campus (Massachusetts Ave, Boston, MA 02118). More details about accommodations will be sent to participants upon acceptance to the program.

Substitution/Cancellation Policy
Substitutions may be made at any time without an additional charge. Refunds will be issued for all cancellations received two weeks prior to the start of the conference. Should cancellation occur within the two-week window, a credit will be issued, not a refund. A $50.00 administrative fee will be charged for all refunds and credits. “No shows” are subject to the full course fee. Cancellation(substitution(s)) must be made in writing. Refunds or credits will not be issued once the conference has started. This course is subject to change or cancellation.

For questions please contact us:
Boston University School of Medicine | Continuing Medical Education
72 East Concord Street, A402 | Boston, MA 02118-2307
bu.edu/cme | cme@bu.edu | 617.638.4605 | 800.688.2475

### Agenda July 5 - 6 - 7 - 8

#### Sunday | July 5
7:00pm Dinner and Networking with Faculty

#### Monday | July 6
8:00am Registration and Breakfast
8:30 Working in Consortia: The CHARGE Experience
9:30 Lipids: Bench to Bedside to Population and Vice Versa
10:30 Break
11:00 Atrial Fibrillation: From Population Science to Zebra Fish
12:00 Working Lunch: How to Write a Scientific Paper
1:30 Applied Data Session #1 | Organization of General FHS Trait Data and Accessing It
4:30 Adjourn

#### Tuesday | July 7
8:00am Registration and Breakfast
8:30 Heart Failure: What Mendelian Hypertrophic Disorders Tell Us About Common Forms of Ventricular Hypertrophy
9:30 Using Center for Medicare Services (CMS) Data for Outcomes and Drug Use Data for Pharmacogenetics
10:30 Break
11:00 Bioinformatic Approaches to Annotation of Genotype-Phenotype Associations
12:00 Working Lunch: How to Write a Great Specific Aims Page
1:30 Applied Data Session #2 | FHS Genetic Data
4:30 Adjourn

#### Wednesday | July 8
8:00am Registration and Breakfast
8:30 Metabolomics: What Small Molecules Can Tell Us About Cardiometabolic Risk
9:30 Transcriptomics and miRNAs: Integrative Approaches To Omics Data
10:30 Break
11:00 iP5 Cells: Humanity in a Petri-Dish to Extend GWAS Findings
12:00 Working Lunch: Curriculum Vitae Boot Camp
1:30 Applied Data Session #3 | FHS Genomic Data
4:30 Adjourn

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