

University of Alabama at Birmingham

**Department of Medicine (Division of Rheumatology)
Department of Biostatistics (Section on Statistical Genetics)**

Frontiers in Statistical Genetics: A two-day Short Course

**February 23-24, 2005
Hotel InterContinental, New Orleans, LA**

**Funded by the National Institute of Arthritis and
Musculoskeletal and Skin Diseases (NIAMS)**

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Overview

“Frontiers in Statistical Genetics”, a Short Course funded by NIAMS, will be held in New Orleans, LA during February 23-24, 2005, in conjunction with the Annual Meeting of the Southern Society for Clinical Investigation (SSCI).

This course is designed to help investigators studying the genetics of human complex traits to better understand and use statistical genetics methods, and thereby further their ability to meet their scientific objectives. It is aimed at established investigators, post-doctoral fellows, and advanced graduate students.

The course is two full days in length, and offers a vigorous interactive educational program designed to enhance researcher's ability to implement and, importantly, interpret the results of sophisticated statistical analysis in human genetic research.

Women, members of underrepresented minority groups and disabled individuals are strongly encouraged to apply. Limited financial support for the course expenses is available for young investigators.

Faculty

Faculty	Institution
David Allison, PhD	University of Alabama at Birmingham
Atul Butte, MD, PhD	Harvard Medical School
Ranjit Chakraborty, PhD	University of Cincinnati
Nancy Cox, PhD	University of Chicago
Robert Elston, PhD	Case Western Reserve University
Varghese George, PhD	University of Alabama at Birmingham
Robert Kimberly, MD	University of Alabama at Birmingham
Carl Langefeld, PhD	Wake Forest University
Grier Page, PhD	University of Alabama at Birmingham
Kathryn Roeder, PhD	Carnegie Mellon University

Frontiers in Statistical Genetics: A Short Course

Hotel InterContinental, New Orleans, LA

February 23-24, 2005

Tentative Schedule

02/23/05	08:15 - 08:50		Registration & Refreshments
	08:50 - 9:00	Varghese George	Introductory Remarks and Announcements
	9:00 - 9:30	Robert Kimberly	The Biology and the Clinical Relevance: Scientific Issues
	9:30 - 11:00	Nancy Cox	Foundational Concepts in Statistical Genetics
	11:00 - 12:30	Robert Elston	Methods of Linkage Analysis
	12:30 - 2:00		(Lunch on your own)
	02:00 - 03:30	Kathryn Roeder	Case-Control Design, Population Stratification and Genomic Control
	03:30 - 04:30	Varghese George	TDT Designs
	04:30 - 05:00		Discussion
02/24/05	7:45 - 08:00		Refreshments
	08:00 - 09:30	Ranjit Chakraborty	Admixture Mapping
	09:30 - 11:00	Carl Langefeld	Haplotype Analysis and Fine Mapping
	11:00 - 12:00	Grier Page	Microarray Analysis and Related Topics
	12:00 - 01:30		Lunch (on your own)
	01:30 - 03:00	Atul Butte	Integrative genomics: Implications for Clinical Research and Care
	03:00 - 04:00	David Allison	Pulling it all together: Interpreting Results & Addressing Concerns
		04:00 - 04:30	

Registration

To register for the Short Course, send by e-mail,

- (a) a completed registration form including a brief personal statement, and
- (b) a copy of your curriculum vitae

to the following address:

Richard Sarver
Department Biostatistics
University of Alabama at Birmingham
Birmingham, AL 35294-0022
E-mail: RSarver@UAB.edu
Phone: (205) 975-9169/9170

A registration fee of \$75 will be invoiced to those applicants who are selected to participate in the course. This registration fee will cover for tuition and course related expenses, but not room and board. Registrants from for-profit industries/corporations will be asked to make a donation to help support the course.

Due to the limited number of seats for the short course, those interested should apply as early as possible, but no later than January 07, 2005. Applicants will be notified of the selection decision by January 14, 2005.

For further information, please contact Richard Sarver.

Frontiers in Statistical Genetics for NIAMS Researchers: A Short Course

New Orleans, LA
February 23-24, 2005

REGISTRATION FORM

Name	
Affiliation	
Address	
City, State, Zip	
Daytime phone	
Alternate phone	
Fax	
Email address	
Position title	

OPTIONAL INFORMATION

The following information is OPTIONAL. Although it will not influence your selection to participate in this course, it will provide information requested by the NIAMS. Your cooperation will be appreciated.

Sex: __Male __Female

Racial/ethnic heritage (please mark all that apply):

American Indian or Alaskan Native

Asian or Pacific Islander

Black / African American

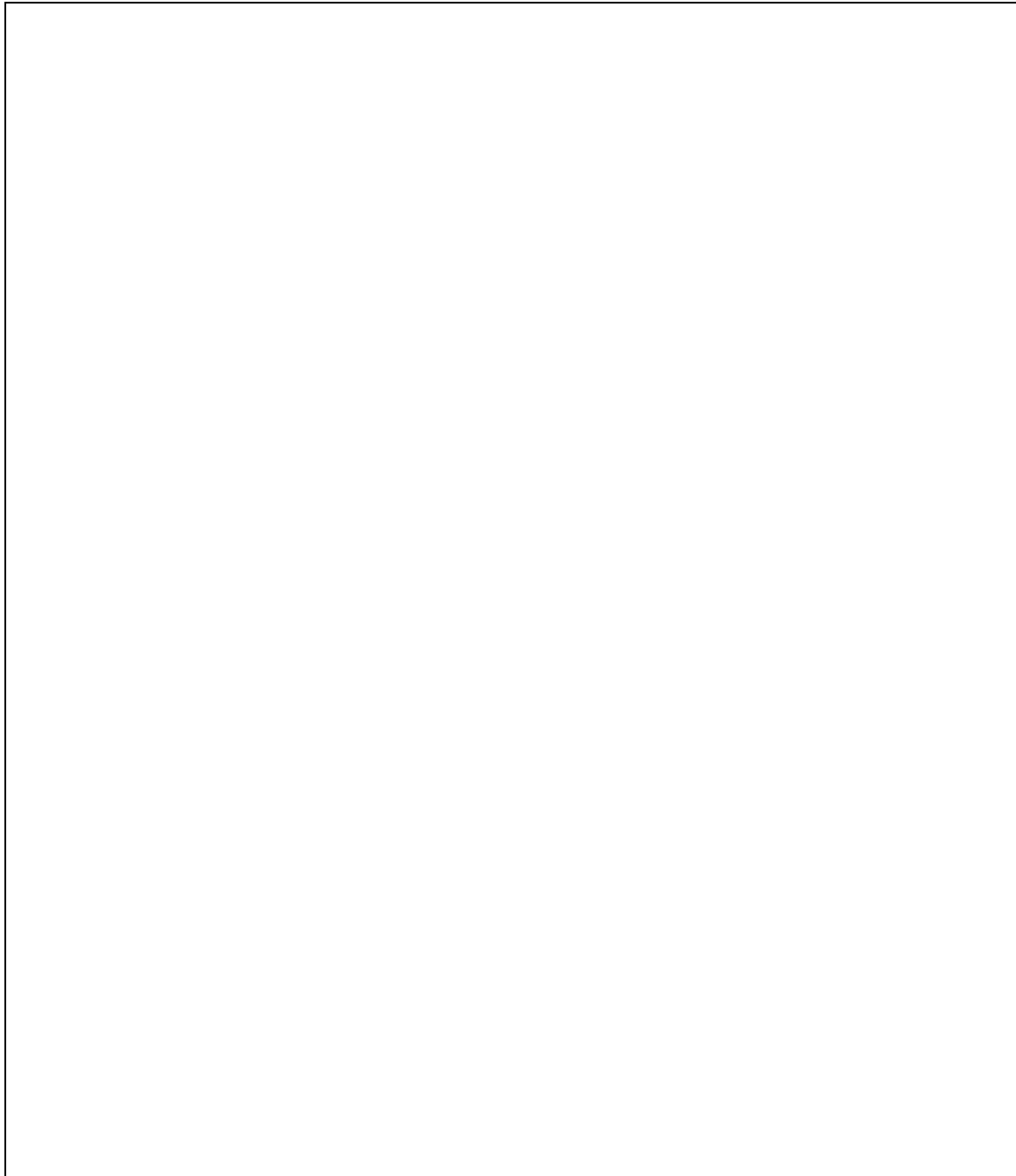
White / European American

Hispanic / Latino

Other (please specify)

PERSONAL STATEMENT

Please provide a brief written statement (maximum of 300 words) indicating your background, research interests, why do you think you should be considered to participate in this course, and your expectation about the course. Include a copy of your CV with the application.

A large, empty rectangular box with a thin black border, intended for the applicant to write their personal statement. The box is currently blank.