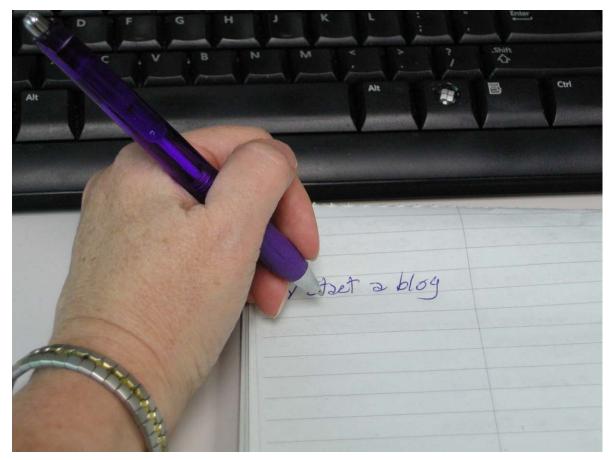
Below is the May 2016 NISS/SAMSI Affiliates Update. View this email in your browser



# Affiliates Update

### Get Your Organization Noticed by Writing an Article for the NISS Blog



NISS has a blog on its home page where we feature articles from many different people and organizations who are movers and shakers in the statistical sciences. Now is your chance to write something for the blog.

We are looking for articles about topics of interest to other statisticians. It can be anything about statistics that you would like to share. Or it can be about your company/university or organization and what they are doing in the statistical field. Keep your entries to no more than 1,000 words though. And, please send an illustration or photo to go with your story. Send your stories to Jamie Nunnelly.

### **Co-Sponsored Events**

### 2016 Southern Regional Council on Statistics (SRCOS)

When: June 6-9, 2016

Where: Bentonville, AR

Summer Research Conference will be held at the Doubletree Suites from June 6-9, in Bentonville, AR. The program includes keynote speakers Naiysin Wang and Terry Therneau. Jim Cochran will be delivering the banquet speech. Eugene Huang of Emory University and Jacqueline Hughes-Oliver of North Carolina State University have agreed to be program co-chairs. <u>More details here</u>.

### **Latent Variables Conference**

When: October 12, 2016Where: Columbia, South CarolinaThe University of South Carolina Department of Statistics is hosting a Latent VariableConference. More <u>details here</u>.

## SAMSI Events

#### **Mathematics Problems in Industry**

When: June 13-17, 2016 Where: Duke University This workshop is full.

### 2016 Industrial Math/Stat Modeling Workshop for Graduate Students (IMSM)

When: July 17-27, 2016 Where: NCSU, Raleigh, NC

#### Deadline to Apply: May 15, 2016

Graduate students will collaborate in teams of 5-7 on industrial projects presented by experienced scientists and engineers. These projects are not academic classroom exercises but "real-world" challenges that require fresh new insight for both formulation and solution. <u>Details and apply here</u>.

### **Optimization Program Summer School**

When: August 8-12, 2016
Where: SAMSI
Deadline to Apply: June 8, 2016.
The Summer School will introduce graduate students and early-career researchers in

the Mathematical and Statistical Sciences to the mathematical and statistical approaches in Optimization, and their applications. <u>Details here</u>.

#### **Astronomy Opening Workshop**

When: August 22-26, 2016Where: Hamner Conference Center, NC Biotech CenterDeadline to Apply: June 24, 2016Details about the workshop here.

#### **Optimization Opening Workshop**

When: August 29-September 2, 2016
Where: Hamner Conference Center, NC Biotech Center
Deadline to Apply: June 8 (however this workshop is currently full)
Details about the workshop here.

### 2016-17 Program on Statistical, Mathematical and Computational Methods for Astronomy

This year-long research program focuses on the vast range of statistical and mathematical problems arising in modern astronomical research, particularly due to the flood of data produced by both ground-based and space-based astronomical surveys at many wave-bands. The research areas that form the main ingredients of the program include:

- Astronomical simulations and big data issues
- Exoplanets
- Functional data analysis
- Gravitational wave astrophysics
- High-performance computing for Bayesian inference and machine learning
- Lightcurve analysis/time domain astronomy

# 2016-17 Program on Optimization

This year-long research program aims to produce a synergy between mathematics, statistics and operations research to produce ground breaking advances in:

- Optimization for large-scale statistical analysis
- Statistical approaches for the numerical solution of large-scale optimization problems
- Applications of optimization

**Opening Workshop - August 22-26, 2016** For details visit

http://www.samsi.info/OPT

Opening Workshop - August 29-September 2, 2016 For details visit http://www.samsi.info/ASTRO



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