

## Upcoming Events

### **Mathematics of Lattices and Cybersecurity**

ICERM

April 21-24, 2015

### **SAMSI Undergraduate Modeling Workshop**

North Carolina State University

May 17-22, 2015

### **Second Short Course on Mathematical Sciences in Obesity Research**

University of Alabama at Birmingham

May 17-22, 2015

### **SASMI Uncertainties in Computational Hemodynamics Workshop**

Research Triangle Park, NC

June 1-3, 2015

### **The Mathematical Sciences in Obesity Research**

University of Alabama at Birmingham

June 22-26, 2015

### **Bayesian Nonparametrics: Synergies between Statistics, Probability & Mathematics**

Research Triangle Park, NC

June 29-July 2, 2015

### **Research Experiences for Undergraduate Faculty (REUF)**

Providence, RI

July 20-24, 2015

### **Computational Neuroscience Summer School**

Research Triangle Park, NC

July 27-31, 2015

### **SACNAS National Conference**

Washington DC

October 29-31

### **2015 Field of Dreams Conference**

Birmingham, AL

November 6-8, 2015

## Save the Date! **2015 FIELD OF DREAMS CONFERENCE**

*November 6-8, 2015  
Birmingham, Alabama*



The National Alliance for Doctoral Studies in the Mathematical Sciences is pleased to announce the Ninth Annual Mathematical Field of Dreams Conference. This year the conference will be held at the Sheraton Birmingham Hotel located in Downtown Birmingham, Alabama November 6-8, 2015. The Field of Dreams Conference brings together faculty in the mathematical sciences with students from backgrounds underrepresented in those fields. This will be an exciting weekend that will provide something for everyone!

Faculty, Exhibitors, doctoral Students, and visitors can reserve your room now by visiting the [Sheraton Birmingham Hotel site here](#). Room rates are \$99.00 a night for either single or double occupancy. The Alliance Group Rate is good through October 4th so make your reservation early! You can also register for the Conference by filling out the [online form here](#).

This year we have extra conference space to add additional sessions and panels. If you have a topic you would like to see added to the agenda please email us at [mathalliance@uiowa.edu](mailto:mathalliance@uiowa.edu).





# Mathematics Department at Iowa State Receives AMS National Award



The Alliance would like to send out a huge congratulations to the Department of Mathematics at Iowa State University, one of our Graduate Program Groups (GPGs) for their selection of the 2015 AMS Award for an Exemplary Program or Achievement in a Mathematics Department. The Math Department at Iowa State University was one of the founding programs when the Alliance was established in 2001 and has been an active participant and strong role model every since.

Aloysius Helminck of North Carolina State University, who served as chair of the award selection committee, said, "The department of mathematics at Iowa State University has managed to do it all. The department delivers outstanding instruction in its courses, provides a supportive community for its math majors, mentors its graduate students well, and runs a highly successful Research Experiences for Undergraduates (REU) program. What is more, they have made recruiting and nurturing of women and minority graduate students a departmental priority. The department is highly deserving of this prestigious award." To read the whole article put out by the AMS [click here](#).

## 2015 StatFest— Call for Locations

The American Statistical Association Committee on Minorities in Statistics is beginning to plan StatFest 2015. StatFest is a one-day Saturday conference held in the Fall each year to introduce undergraduates to the field of Statistics. The aim of the program is to encourage undergraduates from historically underrepresented groups to consider careers and graduate studies in Statistics and Biostatistics. The first step in planning the event is to identify a host institution. At this point in time we would like to identify sites for StatFest for both 2015 and 2016. Most recently StatFest has been held in the following locations.

- September 27, 2014 North Carolina State University, Raleigh, NC <http://community.amstat.org/cmis/events/statfest2014>
- October 12, 2013 Rice University, Houston, TX. <http://www.statistics.rice.edu/2013StatFest/>
- October 6, 2012 San Francisco State University, San Francisco, CA

Would your institution be interested in hosting StatFest? Here is some basic information about the facilities needed.

- Should be within easy driving distance (~ 2 hours) of several undergraduate and minority serving institutions. Most participants major in Mathematics or other disciplines with a quantitative interest.
- Need a lecture room that will seat about 125 people and another room for a breakout session. Usually there are 65-100 participants.
- Need to be able to provide catering (the cost is covered by the ASA CMS) and parking.
- Must be willing to chair local organizing committee.

StatFest is a wonderful conference and provides a great way for your institution to attract underrepresented students. If your institution is interested in hosting StatFest in 2015 or 2016, please contact Marcia Gumpertz at [gumpertz@ncsu.edu](mailto:gumpertz@ncsu.edu) for more information.

## The Mathematical Sciences in Obesity Research University of Alabama at Birmingham June 22-26, 2015

The mathematical sciences including engineering, statistics, computer science, physics, econometrics, psychometrics, epidemiology, and mathematics qua mathematics are increasingly being applied to advance our understanding of the causes, consequences, and alleviation of obesity. These applications do not merely involve routine well-established approaches easily implemented in widely available commercial software. Rather, they increasingly involve computationally demanding tasks, use and in some cases development of novel analytic methods and software, new derivations, computer simulations, and unprecedented interdigitation of two or more existing techniques. Such advances at the interface of the mathematical sciences and obesity research require bilateral training and exposure for investigators in both disciplines. This course on the mathematical sciences in obesity research features some of the world's finest scientists working in this domain to fill this unmet need by providing nine topic driven modules designed to bridge the disciplines. For full details of the course please visit our website at <http://www.soph.uab.edu/energetics/shortcourse/second>. You may apply online at <https://www.soph.uab.edu/energetics/shortcourse/second/application>.

Please apply prior to Fri 5/01/2015. Women, members of underrepresented minority groups and individuals with disabilities are strongly encouraged to apply. Limited travel scholarships are available to young investigators. We look forward to seeing you in Birmingham this summer!



# Job Opportunities at Whittier College

Whittier College invites applications from interested and qualified candidates for (I) one two-year, full-time visiting assistant professor position in Mathematics, Applied Mathematics or Statistics and (II) one two-year, full-time lecturer position in Mathematics, Applied Mathematics or Statistics to begin in September 2015. The lecturer position may be renewable.

Teaching experience at the undergraduate level is essential, and expertise in using innovative teaching methods and technologies is highly desirable. The usual visiting teaching load is 24 hours per year. The lecturer's teaching load is 20 hours per year, but also includes administrative responsibilities and oversight over our blended-learning courses and our blended-learning space. We seek candidates who are eager to teach undergraduates in a diverse liberal arts environment.

Applicants for the visiting assistant professor position should have a Ph.D. in mathematics or statistics. We will be considering applicants from all specialties, but will look favorably on the desire and ability to teach subjects such as numerical analysis, mathematical modeling, probability and statistics, and introductory computer science. The successful candidate will be eager to teach courses from the full range of undergraduate mathematics while maintaining contact with his or her own research. The ability to involve undergraduates in research is a plus. We are also interested in candidates who are excited by the prospect of developing new, possibly interdisciplinary, courses in applied mathematics.

Applicants for the lecturer position must have at least a masters degree in mathematics or statistics. We will be considering applicants from all specialties, but will look favorably on the desire and ability to teach blended learning courses in college algebra and to develop a blended learning course in statistics. The lecturer will also teach non-blended learning courses up to calculus and may have the opportunity to teach advanced mathematics courses in their area of expertise. In addition, the lecturer hires, assigns, and supervises the student graders and oversees the blended-learning space. The lecturer position may be renewable after two years.

Review of applications will begin immediately, and continue until the positions are filled. Please send a letter of interest, curriculum vitae, statement of teaching philosophy, and three letters of reference to:

**Mathematics Search Committee**

**Department of Mathematics**

**Whittier College**

**P.O. Box 634**

**Whittier, CA 90608-0634**

Questions about the search may be directed to [mathsearch@whittier.edu](mailto:mathsearch@whittier.edu).

## Research Student Trainee (Mathematical Statistician) opening at the National Agricultural Statistics Service



The National Agricultural Statistics Service (NASS) is the data collection and dissemination arm of the U.S. Department of Agriculture. NASS gathers and publishes a vast array of information on every facet of U.S. agriculture, including production, economics, demographics, and the environment.

This position does not have a Not-to-Exceed date and the qualified student may remain in the position for up to 8 years, as long as he/she meets the definition of a student. The appointment may be converted to a Term or Permanent appointment if all training, program, and educational requirements have been met. [To learn more about the position click here!](#)