

Upcoming Events

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

Interdisciplinary Approaches to Biomedical Data Science Challenges

Research Triangle Park, NC
July 20-24, 2015

Computational Neuroscience Summer School

Research Triangle Park, NC
July 27-31, 2015

Joint Statistical Meetings

Seattle, WA
August 8-13, 2015

Diversity Mentoring Program

Seattle, WA
August 9-12, 2015

Program on Statistics & Applied Mathematics in Forensic Science

Research Triangle Park, NC
August 27-29, 2015

Program on Statistics & Applied Mathematics in Forensic Sciences

Research Triangle Park, NC
August 31-September 4, 2015

SACNAS National Conference

Washington DC
October 29-31

2015 Field of Dreams Conference

Birmingham, AL
November 6-8, 2015

Call for Nominations: 2015 Facilitated Graduate Applications Process (FGAP)

It is not too late to send us your Alliance Scholar nominations for the Facilitated Graduate Applications Program (FGAP). FGAP participants will be paired with a Faculty Facilitator (Doctoral Mentor) from one of our 32 Alliance Graduate Program Groups (GPGs) who will review their application materials to graduate school and provide additional information as needed. Working together with the scholar's local mentor, this team of experienced faculty will immensely help strengthen the scholars application materials.

Students that will go through the FGAP process should meet the following criteria. They should:

- be a senior or MS student who will graduate by Spring 2016 and plan to enroll in a graduate program in Fall 2016
- have the desire to enter a graduate program
- have the potential to apply to at least one Alliance graduate program
- & have the math &/or stat background appropriate to enter a graduate program.

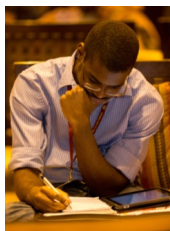
If you have students that match the criteria above and would like to nominate them for the 2015 FGAP process please send their names and email address to Billie Townsend at billie-townsend@uiowa.edu.



FGAP Facilitator & mathematics faculty at University of Mississippi, Dr. Donald Cole with his FGAP mentees at the Field of Dreams Conference.

"I am so appreciative that I was able to attend the Field of Dreams Conference and that I was given the opportunity to get involved with the FGAP Program. Without either, I don't think that I would be at the wonderful school that I am at now."

- 2013 Alliance Scholar



The Facilitated Graduate Application Process is now in its third year with over 150 Alliance Scholars taking advantage of the program and successfully being admitted into graduate programs in the mathematical sciences.

*Time to
Register!*

2015 FIELD OF DREAMS CONFERENCE

*November 6-8, 2015
Birmingham, Alabama*



Faculty, Exhibitors, doctoral Students, & 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 & panels. If you have a topic you would like to see added to the agenda please email us at mathalliance@uiowa.edu.



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.

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>.