

Upcoming Events:

Poisson 2014

The University of Illinois at Urbana-Champaign
August 4-8, 2014

MAA MathFest

Portland, Oregon
August 6-9, 2014

ICERM IdeaLab 2014

Brown University
August 11-15, 2014

MBI Undergraduate Capstone Conference

The Ohio State University
August 11-15, 2014

Program on Mathematical & Statistical Ecology Workshop

Research Triangle Park, NC
August 18-22, 2014

SAMSI Bioinformatics Workshop

Research Triangle Park, NC
September 8-12, 2014

Modern Math Workshop

Los Angeles, CA
October 15-16, 2014

SACNAS National Conference

Los Angeles, CA
October 16-18, 2014

Field of Dreams Conference

Phoenix, AZ
November 7-9, 2014

2014 Field of Dreams Faculty & Exhibitor Hotel Reservations

Mentors you can now book your room for the 2014 field of Dreams Conference in Phoenix, Arizona. We will be staying at the Phoenix East/Mesa Hilton Hotel.

Click here to reserve your room!



Field of Dreams Conference

Join us in Mesa, Arizona November 7-9, 2014

We are pleased to announce the Eighth Annual Field of Dreams Conference, to be held this year at the Phoenix East/Mesa Hilton Hotel in Mesa, Arizona. The conference brings together faculty in the mathematical sciences and students that are from backgrounds which are underrepresented in those fields.



The conference introduces undergraduate students to graduate programs in the mathematical sciences at Alliance schools as well as to professional opportunities in these fields.



This year we will once again offer a graduate application process to those Alliance scholars graduating in 2015. The Facilitated Graduate Applications Process (F-GAP) is currently underway with over 65 scholars matched with a Doctoral Faculty Facilitator who is working with them on their application materials. **Mentors, if you have students who are graduating in 2015 that you would like to nominate for the F-GAP program please send their name and information to billie-townsend@uiowa.edu.**

Attendance to the conference is limited to Alliance Scholars and is by invitation only. Alliance Scholars are nominated by their home mentor and then selected to attend by the Field of Dreams Selection Committee. Although all Predoctoral Scholars may be nominated, priority will be given to those students who are participating in the 2014 Facilitated Graduate Applications Process (F-GAP). The Field of Dreams Conference will give you the chance to meet with your mentoring team. If you are selected to attend we will pay for your travel, hotel, and registration fees. **We will open the 2014 Field of Dreams Conference Nomination Process on Tuesday, July 1st.** Mentors, please keep an eye out for an email with more information about the nomination process.



Scholars, if you are interested in attending the Field of Dreams Conference, please talk to your Alliance Mentor about nominating you. The selection process will begin on August 20th and expect to have our selection complete by September 10th.



Click here to visit the 2013 Field of Dreams photo album.



National Alliance for
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Mathematical Sciences

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Find Us Online!

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**National Alliance for Doctoral Studies
in the Mathematical Sciences**

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<http://www.flickr.com/mathalliance>

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Mentor Spotlight: Dr. Louis Beaugris



Congratulations to
Alliance Mentor
Dr. Louis Beaugris
on his recent
appointment to

Executive Director of the
School of Mathematics at
Kean University. Dr. Beaugris
received his PhD in mathemat-
ics at the University of Iowa
and joined Kean University in
2002.

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Summer 2014 | Volume 6 • Issue 1

The Statistical and Applied
Mathematical Sciences Insti-
tute (SAMSI) has just released
the 2014 Summer edition of
their newsletter. [Click here](#) to
download the latest issue.

You can [sign up here](#) to have
the SAMSI newsletter sent
directly to your email.

USTARS

2014 USTARS Report

underrepresented students in topology and algebra research symposium



Another successful event for the Underrepresented Students in Topology and Algebra Research Symposium (USTARS). The **Fourth Annual USTARS** was held last month at University of California, Berkeley.

USTARS is a two-day research symposium which features 30-minute research talks given by graduate students in the fields of topology and algebra. Additionally, there are three separate 1-hour presentations given by two selected graduate students and one invited keynote speaker who is an early career mathematician. Dr. Mohamed Omar, Harvey Mudd College, delivered the Keynote Lecture, "When Algebra Meets Optimization, And My Journey Through Grad School."

Two students were named as Distinguished Graduate Students. Pablo Solis, University of California, Berkeley, delivered the Distinguished Graduate Student Lecture, "Loop groups, embeddings and moduli spaces." Cindy (Sin Yi) Tsang, University of California, Santa Barbara, delivered the Distinguished Graduate Student Lecture, "Galois module structure of abelian extensions."

Make sure to visit the [USTARS website](#) to learn more about this event!

Gulf States Math Alliance



The **Gulf States Math Alliance** (GSMath) is a community of mentors and scholars throughout the states of Texas, Louisiana, and Mississippi that seeks to make education in mathematics and mathematically-related subjects available to everyone.

Currently in the U.S. several groups are severely underrepresented in the mathematical sciences. GSMath seeks to encourage and provide opportunities for members of underrepresented groups who wish to pursue undergraduate or graduate studies in mathematics or a mathematically-related field. Underrepresented groups are broadly defined, and may include ethnic minorities, women, or first-generation college students.

GSMath is one of **seven regional alliances** under the national Math Alliance. GSMath works closely with the national Math Alliance, as well as the other regional alliances, while simultaneously providing and promoting special opportunities to students within the Gulf States Region.



[Learn more about the Gulf States Math Alliance here!](#)

Graduate Program Groups Minimum Requirements for Graduate School

We've asked our 26 Graduate Program Groups to compile an information sheet on what requirements are recommended when applying to their graduate program. [Click here](#) to browse through each school's application requirements, application fee waiver policy, and general support packages.

CAMPUS CLIMATE

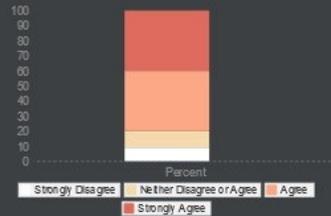
Student Survey

We surveyed current undergraduate and graduate students involved in National Math Alliance for Doctoral Studies (n=124). Both currently enrolled undergraduates and graduates reported their experiences with discrimination.

Undergraduates Who Agreed with the Following Statements



There is a lot of competition among students in my major

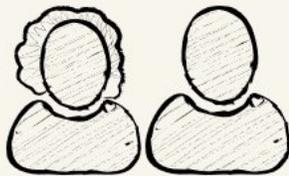


Faculty make me feel welcome



Most of my social support is within my major

Undergraduates and Graduates



Males reported that the climate in their department was not supportive of traditionally underrepresented students at higher rates than females (17.2% vs 19.4%)

19.4

Gender Differences



Percent of Black students who reported personally experiencing discrimination on the basis of their race

13.3

Racial Differences

1 out of 5

Only female students personally experienced discrimination on the basis of their gender



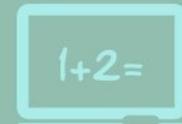
Males reported more racial discrimination (9.1% v. 6.8%)

Race



No students experienced discrimination on the basis of their

Religion



Approximately 80% of both male and female students never experienced any form of

Discrimination

White Students

75% of White, 76.7% of Black, 87.5% of Asian and Pacific, and 80% of Latino students reported not having personally experiencing any form of discrimination.



Only Latino students reported any experiences with discrimination on the basis of their

Sexual Orientation



25% of Asian and 21% of Black students indicated that the climate in their department was not supportive of traditionally underrepresented students

Department Climate

Rincon, B. (June 2014). University of Illinois at Urbana-Champaign
For more information about the National Alliance for Doctoral Studies please visit mathalliance.org
Please direct all questions and comments to the Math Alliance Research Team at stem@education.illinois.edu.



This material is based upon work supported by the National Science Foundation Grant No. 1242941. Any opinions, findings, and conclusions expressed in the material do not necessarily reflect the views of the National Science Foundation.

*percentages do not include missing data