

## Upcoming Events

### Diversity Mentoring Program at JSM 2017

Baltimore, MD  
July 30, 2017- August 2, 2017

### NAM Undergraduate MATHFest

Medgar Evers College  
September 29 - October 1, 2017

### StatFest 2017

Emory University  
September 23, 2017

### 2017 FOD Conference

Renaissance St. Louis Airport  
November 3-5, 2017

## Accepting Nominations for the 2017-18 F-GAP Program



We are now accepting nominations for the 2017-18 F-GAP program.

If you know of a senior or Master's student who will be graduating in the Spring of 2018 and will be applying to graduate programs for Fall 2018 please submit a form here: <https://mathalliance.org/2017-fgap-nomination-form/> to nominate students.

We will pair each eligible student with one of our Doctoral Alliance Mentors who will work with the students local mentor to create a mentoring team that will aid in the application process.



"The F-GAP program is excellent! My facilitator assisted and encouraged me at every stage of the application process."

"F-GAP has substantially helped me in finding the right programs to which I should apply."



## Thoughts from the Executive Director...



**Prof. David Goldberg**  
Executive Director of  
the National  
Math Alliance

I hope everyone is having an enjoyable and productive summer!! As we approach the fall there is a lot of activity around the Alliance. I am going to share some of those things briefly here, and there will be more details to come soon.

- ◆ Purdue has created the Center for the National Math Sciences Alliance in the College of Science. Look for more news soon about GPGs becoming Center Members or institutions becoming Center Partners, and what this will mean for all of us.
- ◆ The F-GAP program is well under way!!
  - We have matched about 75 students and facilitators at this time
  - There is still plenty of time to nominate your students, so please be sure to do so!
- ◆ The Field of Dreams is shaping up to be our biggest and best ever! You'll hear much more soon, but for now I'd like you to know
  - Friday will be a full day with activities starting at 9AM;
  - Students will be brought in Thursday night;
  - Look for some new and exciting activities when we release the agenda and registration page (soon!!!!).

As always, I am humbled to my core to be a part of this incredible effort to transform our profession, and it is working so well because of the collective efforts of our mentors and our students. Our focus is on strengthening and expanding our community and I am so happy to have all of you as partners in the Alliance!!

## StatFest 2017 at Emory University



StatFest is a one day conference aimed at encouraging undergraduate students from historically underrepresented groups to consider careers and graduate studies in the statistical sciences. The conference is an ongoing initiative of the American Statistical Association through its Committee on Minorities in Statistics.

StatFest includes presentations from established professionals, academic leaders, and current graduate students that will help attendees understand the opportunities and routes for success in the field. Panel forums provide information and tips for a rewarding graduate student experience, achieving success as an academic statistician, opportunities in the private and government arenas, among other topics.

We are excited that StatFest 2017 will be held in Atlanta, Georgia at Emory University, one of the world's leading research universities ranked as one of the top 20 universities in the United States of America. The conference is hosted by the Department of Biostatistics and Bioinformatics at the Rollins School of Public Health.

While the conference is free, registration is required (see the link at <http://tinyurl.com/statfest> to register or for more information).

Contact Renee' Moore at [renee.moore@emory.edu](mailto:renee.moore@emory.edu) or Jesse Chittams at [chittams@nursing.upenn.edu](mailto:chittams@nursing.upenn.edu) with questions or for information regarding sponsorship.

**September 23, 2017**

Emory University  
Rollins School of Public Health  
Department of Biostatistics and Bioinformatics  
Claudia Nance Rollins Building

## Now Accepting Nominations for the 2017 Field of Dreams Conference!



**The 2017 Field of Dreams Conference!**  
**November 3-5, 2017 in St. Louis, Missouri**  
*In Partnership with Washington University in St. Louis*

Please see this link for more information on this years conference:  
<https://mathalliance.org/2017-field-of-dreams-conference/>

Please use this link to nominate your students:  
<https://mathalliance.org/2017-field-of-dreams-conference-student-nomination-form/>



# SAMSI QMC Workshop

**SAMSI QMC Opening Workshop, 8/28– 9/01/ 2017 Penn Pavilion at Duke University, Durham, NC**

The Opening Workshop marks the official start of the 2017-18 SAMSI Program on Quasi-Monte Carlo and High-Dimensional Sampling Methods for Applied Mathematics. The first workshop day consists of tutorials that introduce QMC methods, followed by a poster reception. The remaining days feature research presentations, discussion panels, and the formation of (virtual) research working groups.

**Workshop topics:**

High-dimensional numerical integration and approximation; low discrepancy and other high-dimensional sampling schemes; information-based complexity; partial differential equations (high-dimensional, random coefficients); digital nets, lattice rules, and their randomization; as well as applications of QMC to: uncertainty quantification, stochastic wave propagation, Bayesian computations, and industrial problems.

**Organizers:**

Art Owen (Stanford), Frances Kuo (New South Wales),  
Fred Hickernell (Illinois), Pierre L'Ecuyer (Montréal)

**Directorate Liaison:**

Ilse Ipsen, Associate Director of SAMSI

More information is available at: <http://samsi.us11.list-manage.com/track/click?u=f8d81ec133891cc606c5dc3af&id=393be6980b&e=873e5bd3a2>  
Send questions to: [qmc@samsi.info](mailto:qmc@samsi.info)

Applications are now being accepted at  
<http://samsi.us11.list-manage.com/track/click?u=f8d81ec133891cc606c5dc3af&id=9cd037dc0f&e=873e5bd3a2>

## NAM Undergraduate MATHFest



The 2017 Undergraduate MATHFest will be held Friday, September 29 - Sunday, October 1 at Medgar Evers College in Brooklyn, NY.

Edray Goins (Purdue University) and Terrence Blackman (Medgar Evers College) are the organizers.

This event is sponsored by the National Association of Mathematicians (NAM).

For more information: <http://nam-math.org/mathfest.html>.  
If you have any questions, please send an e-mail to [<ehgoins@mac.com>](mailto:ehgoins@mac.com).

# Special Issue Call for Papers: *Mathematics and Motherhood*

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*The Journal of Humanistic Mathematics* (<http://scholarship.claremont.edu/jhm/>) is pleased to announce a call for papers for a special issue on *Mathematics and Motherhood*. Please send your abstract submissions via email to the guest editors by October 1, 2017. Initial submission of complete manuscripts is due January 1, 2018. The issue is currently scheduled to appear in July 2018.

The Journal of Humanistic Mathematics describes humanistic mathematics as the “human face of mathematics.” Behind the mathematics, there are the humans involved in knowledge creation who identify as mathematicians. The perception of “who is a mathematician” is changing. In its wake, we are rewriting the storyline of what it means to be a mathematician.

This special issue will explore the intersectionality of mathematics and motherhood with the aim of empowering more women in mathematics to pursue careers in the mathematical sciences and the professoriate. To this end, this issue will feature articles, autobiographical stories, poetry, and essays from a diverse set of women who have found success and balance in their mathematics career and motherhood.

The World of Mathematics contributions will include raw, witty, and relatable stories that address the true challenges of being an academic mother, while providing concrete tips to overcome these challenges and thrive as a mathematician. Articles, including ethnographies and historical pieces, expand on the common experiences and challenges faced by math mamas, along with ways to support the community. Poetry and other communication forms round out this issue by giving a voice to math mamas’ experiences in the intersectionality of mathematics and motherhood.

This special issue serves as a doorway to a community of support for women who want both a career and a family, as well as a guide offering insight to administrators about the challenges faced by mother mathematicians and some possible solutions. The contributors of this special issue come from diverse backgrounds in terms of ethnicity, religious affiliations, academic rank, and represent the changing face of mathematics.

This special issue is part of a broader collaboration between individuals, the Journal of Humanistic Mathematics, the Association for Women in Mathematics, and the American Mathematical Society to encourage dialogue and create community space to support motherhood in the mathematical sciences. Please send proposals with tentative titles and abstracts to the guest editors by October 1, 2017. We aim to respond to each proposal by November 1, 2017.<sup>1</sup> Initial submission of complete manuscripts is due January 1, 2018. The issue is currently scheduled to appear in July 2018.<sup>2</sup> We welcome email inquiries from all those considering contributing to this issue.

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Carrie Diaz Eaton, ceaton@unity.edu  
Emille Davie Lawrence, edlawrence@usfca.edu

<sup>1</sup>Note that acceptance of a proposal does not guarantee publication. The full work will still be subject to a peer-review process.

<sup>2</sup>JHM will also be recruiting peer reviewers for this issue. If you are interested in serving as a peer reviewer, please contact the journal editors Mark Huber and Gizem Karaali.



# Mathematical Sciences Research Institute Spring Workshops, 2018



## Mathematical Sciences Research Institute Spring Workshops, 2018 Berkeley, CA

The Mathematical Sciences Research Institute (MSRI) will hold the following workshops during the Spring of 2018. Established researchers, postdoctoral fellows and graduate students are invited to apply for funding. It is the policy of MSRI to actively seek to achieve diversity in its workshops. Thus, a strong effort is made to remove barriers that hinder equal opportunity, particularly for those groups that have been historically underrepresented in the mathematical sciences.

### **January 18, 2018 - January 19, 2018**

Connections for Women: Enumerative Geometry Beyond Numbers

<http://www.msri.org/workshops/814>

### **January 22, 2018 - January 26, 2018**

Introductory Workshop: Enumerative Geometry Beyond Numbers

<http://www.msri.org/workshops/815>

### **February 01, 2018 - February 02, 2018**

Connections for Women: Group Representation Theory and Applications

<http://www.msri.org/workshops/817>

### **February 05, 2018 - February 09, 2018**

Introductory Workshop: Group Representation Theory and Applications

<http://www.msri.org/workshops/818>

### **February 21, 2018 - February 23, 2018**

Critical Issues in Mathematics Education 2018: Access to mathematics by opening doors for students currently excluded from mathematics

<http://www.msri.org/workshops/877>

### **March 12, 2018 - March 16, 2018**

Hot Topics: The Homological Conjectures: Resolved!

<http://www.msri.org/workshops/842>

### **March 19, 2018 - March 23, 2018**

Structures in Enumerative Geometry

<http://www.msri.org/workshops/816>

### **April 09, 2018 - April 13, 2018**

Representations of Finite and Algebraic Groups

<http://www.msri.org/workshops/820>

MSRI has been supported from its origins by the National Science Foundation, now joined by the National Security Agency, over 100 Academic Sponsor departments, by a range of private foundations, and by generous and farsighted individuals.



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**PROGRAMS:**

**EMERGING TOPICS**  
[math.ias.edu/emergingtopics](http://math.ias.edu/emergingtopics)

**WOMEN & MATHEMATICS**  
[math.ias.edu/wam/2018](http://math.ias.edu/wam/2018)

**SUMMER COLLABORATORS**  
[math.ias.edu/summercollaborators](http://math.ias.edu/summercollaborators)

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**MEMBERSHIP**

**THE SCHOOL OF MATHEMATICS** welcomes applications from postdoctoral, mid-career, and senior mathematicians and theoretical computer scientists, and strongly encourages applications from women and minorities.

Stipends, on-campus housing, and other resources are available for periods of 4-11 months for individual researchers in all mathematical subject areas. The School supports approximately 40 post-docs per year. In 2018-2019, there will be a special-year program called "Variational Methods in Geometry," led by Fernando Codà Marques of Princeton University, however, Membership will not be limited to mathematicians in this field. For more information, please visit: [math.ias.edu/administration/membership](http://math.ias.edu/administration/membership)

**Application Deadline: December 1, 2017 • [mathjobs.org](http://mathjobs.org)**

## Statistics tenure-track position at Amherst College

### Amherst College invites applications for a tenure-track position in statistics with an appointment to begin July 1, 2018.

Within the last decade, Amherst College has profoundly transformed its student body in terms of socioeconomic status, ethnicity, and nationality, among other areas. Today, nearly one-quarter of Amherst's students are Pell Grant recipients; 44 percent of our students are domestic students of color. Amherst College is an equal opportunity employer and encourages women, persons of color, and persons with disabilities to apply. The college is committed to enriching its educational experience and its culture through the diversity of its faculty, administration, and staff. Our expectation is that the successful candidate will excel at teaching and mentoring students who are broadly diverse with regard to race, ethnicity, socioeconomic status, gender, nationality, sexual orientation, and religion.

Responsibilities include teaching two courses per semester, supervising undergraduate theses and comprehensive projects, and supporting the growing statistics program at the college. Applicants must hold a Ph.D. in statistics, biostatistics, data science or a related field, have broad intellectual interests and a strong commitment to research, and be passionate about teaching statistics to undergraduates at all levels. We seek colleagues actively engaged in research who can teach a wide range of courses and help foster the statistics and data science community at Amherst.

Submit cover letter, curriculum vitae, research statement, teaching statement, and at least three letters of recommendation (including at least one that specifically addresses teaching) to MathJobs.Org. Applications will be accepted until the position is filled, but all applications received by October 8, 2017, will be guaranteed consideration. See [https://www.amherst.edu/academiclife/dean\\_faculty/faculty\\_hiring/employment](https://www.amherst.edu/academiclife/dean_faculty/faculty_hiring/employment) for details of the position. Questions can be addressed to [mathstats@amherst.edu](mailto:mathstats@amherst.edu).

Amherst College is a private undergraduate liberal arts college for women and men, with 1,800 students and more than 200 faculty members. Located in the Connecticut River Valley of western Massachusetts, Amherst participates with Hampshire, Mount Holyoke, and Smith Colleges and the University of Massachusetts in the Five-College Consortium. The Five College Statistics Program (established in 2011) actively fosters connections among the many statisticians and data scientists in the area. <https://www.mathjobs.org/jobs/jobs/10350>

## STEM Faculty Launch Program at WPI

This is a program aimed at underrepresented minorities in STEM fields, where finishing doctoral students and postdocs from institutions all across the US (and some abroad) come to WPI for a 3 day intensive training on how to apply for academic STEM jobs, and how to prepare for becoming future faculty. For more details please see the link <http://www.wpi.edu/+facultylaunch>.

This is the third year we launch this program. In the last two years it was a success, with over 30 participants each time (this year we aim at a slightly larger group). In particular we had over 11 participants from mathematics departments.

**TO APPLY:** Applications for the 2017 STEM Faculty Launch program are due August 11, 2017. Please visit our [application site](#) to apply.



## ASSISTANT PROFESSOR AT MEDGAR EVERS COLLEGE, CUNY

The Mathematics Department at Medgar Evers College, CUNY invites applications for a tenure track position in Mathematics (Statistics) at the rank of Assistant Professor. We seek a dynamic candidate with a strong background in both mathematics and statistics interested in contributing to the development of a nationally relevant program in mathematics focused on diversity and equity. A primary responsibility for this position will include contributing to the development of a new undergraduate program in statistics along with innovative courses that can be offered across the academic units at the college. The responsibilities of the position will also include maintaining an active research agenda, teaching courses in mathematics and statistics, advising undergraduate students, directing undergraduate research projects, and other duties as assigned by the Department. Named for the famed civil rights activist Medgar Wiley Evers, Medgar Evers College is a senior college of the City University of New York. The College is located in the vibrant Crown Heights section of Central Brooklyn. The College and the Mathematics Department are committed to building and sustaining a culturally diverse faculty, staff, and student body. MEC is an institution in which excellence in teaching and research is highly valued.

### QUALIFICATIONS

Candidates should have an earned doctorate in Mathematics, Statistics, or a related field and a strong commitment to inclusive excellence and demonstrated experience working with diverse populations. The candidate should have a promising record of scholarship, teaching and community engagement.

The preferred candidate will have, in addition, an established or emerging interest in college access and preparation in mathematics, innovative instructional technologies, development and support of community partnerships, faculty professional development, and matters related to the retention and persistence in mathematics for students of color and students living in poverty. I.e., the successful candidate should have a strong interest in connecting mathematics education across P-20 settings and in working with community stakeholders.

### TO APPLY

**CLOSING DATE:** August 27, 2017

## Assistant Professor of Mathematics opening at The Ohio State University at Marion

The Ohio State University at Marion invites applications for 1 to 2 full-time tenure track Assistant Professor positions in the Department of Mathematics to begin in Autumn 2018. Candidates must have a Ph.D. in hand at the time of appointment; postgraduate teaching experience is preferred. Candidates must have a strong commitment to teaching and research.

Teaching and service for this position will occur primarily at The Ohio State University at Marion, which is one of the six campuses of The Ohio State University and is located 45 miles north of the central campus in Columbus. Tenure track faculty on the Marion campus hold appointments in their academic departments on the Columbus campus and have access to relevant labs, libraries, and resources there.

We seek candidates with diverse teaching expertise who will teach students of varying abilities. Responsibilities will include teaching math courses (at the preparatory, first, and second-year level), research and publication, and service to the campus, university, and discipline. Candidates are expected to have a strong research program and advise graduate students at the Columbus campus. Candidates should submit a detailed cover letter, a statement of teaching philosophy and experience and a statement of research interests, experience, and future plans. Also, included should be current Curriculum Vitae, graduate transcripts, quantitative and/or discursive teaching evaluations, and three current letters of reference (at least one of which should address teaching ability and experience).

Electronic submissions are encouraged and should be sent to: [mrmath@osu.edu](mailto:mrmath@osu.edu), or send application materials to:  
Math Faculty Search  
The Ohio State University at Marion  
Human Resource Office  
1461 Mt. Vernon Ave.  
Marion, OH, 43302

Application review begins September 30 and continues until the position is filled. Completed applications arriving by September 30, 2017 will receive priority. The university requires successful completion of a background check.