

## Upcoming Events

### 2017 FOD Conference

Renaissance St. Louis  
Airport  
November 3-5, 2017

### The 2017 Midwest Geometry Conference

Kansas State University  
November 17-19, 2017

### NCSU BFF Program

North Carolina State Univ.  
March 14-16, 2018

## PUMP wins 2017 Example of Excelencia Award

Prof. Helena Nornoha, CSUN, and her summer program PUMP won the 2017 Example of Excelencia Award. <http://www.edexcelencia.org/examples-of-excelencia/2017>

For more information on the PUMP program visit:

<http://edexcelencia.org/program/preparing-undergraduates-through-mentoring-towards-phds-pump>

"Excelencia is a not-for profit organization founded in 2004 in Washington, D.C. Excelencia in Education has become a trusted information source on the status of Latino educational achievement, a major resource for influencing policy at the institutional, state and national levels, and a widely recognized advocate for expanding evidence-based practices to accelerate Latino student success in higher education. Excelencia is also building a network of results-oriented educators and policymakers to address the U.S. economy's need for a highly educated workforce and for civic leadership."

## 2017 Field of Dreams

### The 2017 Field of Dreams Conference!

November 3-5, 2017 in  
St. Louis, Missouri

*Hosted by  
Washington University in  
St. Louis*



For more information on  
this years conference:

<https://mathalliance.org/2017-field-of-dreams-conference/>

## Thoughts from the Executive Director...



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

As we get close to the [Field of Dreams Conference](#). I am, once again, awed by the whole enterprise. In fact, this is my first full year of involvement with organizing the conference, because I came to the Alliance leadership team with the planning for the 2016 Field of Dreams well under way. Rebecca Lank has been working on details of this year's conference since even before last year's conference started, and still there are many things we will be working right up until November 3. As I mentioned before, there will be many new and interesting features on this year's agenda, and you can find the latest version on the conference website. I want to thank all of our conference sponsors of this year's conference, see the [full list](#) of sponsors.

I want to thank all the Partners and Members of our Center for the National Math Sciences Alliance (listed on our [website](#)), and encourage GPGs who have not become members to do so. Your support for the work of the Alliance is a crucial part of our plan to become an institutionalized component of the mathematical sciences community. Partners and Members, look for information about our PMAC meeting at the Field of Dreams to come by e-mail in the next few days.

Looking beyond the Field of Dreams, for a moment, I want to call your attention to a special session at next January's Joint Mathematics Meetings (JMM) in San Diego which will feature thirteen Alliance Scholars who have received their Ph.D.'s giving research presentations. These presentations will take place in two sessions on Friday January 12 (morning and afternoon). Let's have a great turnout of our community and support our scholars! Look for us to highlight other JMM activities in the next couple of monthly newsletters.

Finally, I want to thank all our Alliance Scholars for your enthusiasm for our disciplines and for the energy you bring to all our activities, including the Field of Dreams. Seeing these qualities, and your successes is, I think, what gives our mentors such satisfaction with the Alliance, and also helps attract new mentors and scholars to our community. Keep up the good work, and we will see everyone soon in St. Louis!!

# Pathways to Science Scholarships and Fellowships

## 30+ undergraduate scholarships:

[http://www.pathwaystoscience.org/programs.aspx?u=Undergrads\\_Undergraduate+Students&r=&s=&i=&sa=either&p=YesPortable&o=either&c=either&f=&dd=&ft=&submit=y&adv=adv](http://www.pathwaystoscience.org/programs.aspx?u=Undergrads_Undergraduate+Students&r=&s=&i=&sa=either&p=YesPortable&o=either&c=either&f=&dd=&ft=&submit=y&adv=adv)

30+ graduate fellowships: <http://pathwaystoscience.org/Grad.aspx>

## 170+ postdoc positions:

[http://pathwaystoscience.org/Postdocs\\_Portal.aspx](http://pathwaystoscience.org/Postdocs_Portal.aspx)

The mission of the Institute for Broadening Participation is to increase diversity in the Science, Technology, Engineering and Mathematics (STEM) workforce. We design and implement strategies to increase access to STEM education, funding, and careers, with special emphasis on reaching and supporting individuals from underserved communities and underrepresented groups, including underrepresented minorities, women, persons with disabilities, first-generation college students, and students from underserved communities.

**NC STATE**

## NCSU Building Future Faculty Program

We are happy to announce that NC State's Building Future Faculty (BFF) Program is now accepting applications for the 2018 Program.

The 2018 Building Future Faculty (BFF) program will be offered by NC State University on **Wednesday, March 14, 2018 - Friday, March 16, 2018**. This all-expenses paid workshop is designed for diverse graduate students and post-doctoral students who are seeking a career as a faculty member.

Workshop topics include information regarding what to expect as a faculty member, a discussion of the wealth of resources available to faculty for teaching, and expectations of productivity for faculty engaged in research. During the workshop, participants will spend time with current faculty and department chairs in their discipline discussing effective strategies to prepare for an academic career, and the realities of life as a faculty member, as well as receiving personal tips and feedback. This program aims to increase faculty diversity and inclusion, to create faculty that mirrors the increasingly diversified student populations,

### Past participants had the following things to say about the program:

- "The BFF program provided me with a set of new ideas that I will use as a framework for preparing and positioning myself to be a competitive faculty candidate."
- "This experience has certainly prepared me for the job market as a future faculty member. The knowledge I have gained and the contacts that I have acquired have been invaluable. I would recommend this program to anyone pursuing a career in academia."
- "I believe this program is not only benefiting the participants, but the higher education community as a whole. There are experiences I have had in this program that will remain with me throughout my career."

For the application for the 2018 Building Future Faculty program and more information about the program, please visit the Building Future Faculty website [go.ncsu.edu/bffapply](http://go.ncsu.edu/bffapply).

Applications are due by **Sunday, November 12, 2017 at 11:55 pm EST**.

# Summer Program in Biostatistics & Computational Biology at the Harvard T.H. Chan School of Public Health

## Summer Program in Biostatistics & Computational Biology at the Harvard T.H. Chan School of Public Health June 11, 2018 - July 20, 2018

Application Timeline: November 1, 2017 – February 1, 2018

Learn more about the [Summer Program](#) and [Eligibility Requirements](#)

The Biostatistics Department offers a comprehensive summer program to prepare and foster qualified underrepresented minority, disabled, and economically disadvantaged students to pursue advanced degrees in Biostatistics, Computational Biology, and Public Health. Students take classes, do leading edge research, participate in professional development workshops, attend special seminars given by internationally renowned faculty, prepare for the GRE, and enjoy social outings to bond with the other participants. This fully funded six-week program has existed for over 20 years.

Watch some of our students and faculty from the 2017 cohort reflect on their experiences [here](#).

### **Summer Program in Biostatistics & Computational Biology**

The Summer Program is an intensive 6-week program, during which qualified participants receive an introduction to biostatistics, epidemiology, computing and research in public health. We designed the program to expose undergraduates to how important quantitative methods are in biological, environmental, and medical research. Housing, travel and a living stipend are provided.

### **Summer Program Post-Baccalaureate Internship**

The 2-3 month internship program is for post-bacs interested in or planning to attend a graduate degree program in biostatistics or computational biology. Travel is provided and interns receive a salary for their participation in the post-baccalaureate program. Interns participate in collaborative research projects, through 1-2 rotations, at academic and clinical centers at Harvard. They also attend seminars at Harvard and Dana Farber Cancer Institute on relevant and interesting topics.

### **Visiting Faculty Workshop**

This workshop is for Faculty who are interested in learning more about the field of biostatistics, in order to better inform their undergraduate advisees. The Visiting Faculty Workshop is a 3-day, expense paid opportunity described [here](#)

# Mathematical Sciences Research Institute Spring Workshops, 2018



Mathematical Sciences Research Institute

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.



# National Science Foundation Mathematical Sciences Internship Program

Apply today at <https://www.zintellect.com/Posting/Details/3602>  
Applications close **February 1, 2018**

## FEATURES

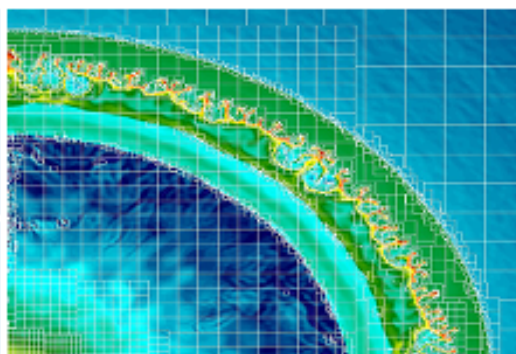
- 10 Week Internship
- Stipend and Travel Allowances (for eligible expenses)
- Gain Experience in Mathematical Sciences
- Participate at National Laboratories

## AREAS OF DISCIPLINE

- Algebra and Number Theory
- Applied Mathematics
- Computational Mathematics
- Geometric Analysis
- Statistics/Probability
- Analysis
- Combinations
- Foundations
- Mathematical Biology
- Topology

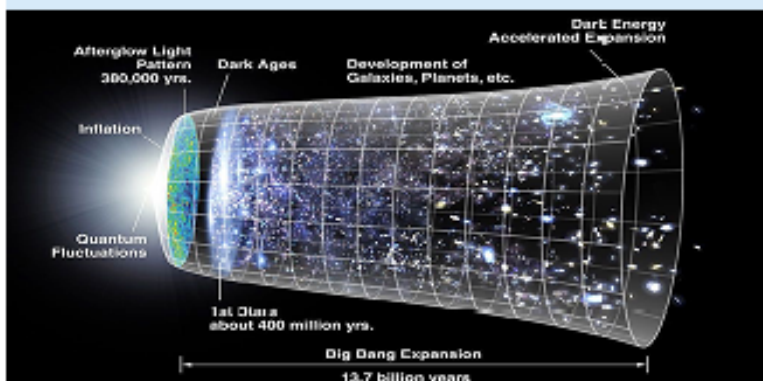
## ELIGIBILITY

- Be enrolled as a full-time graduate student at an accredited U.S. college or university during the 2017-2018 academic year, be pursuing a doctoral degree in mathematics, statistics or applied mathematics.
- Have a cumulative graduate GPA of 3.30 or higher on a 4.00 scale, including fall 2017 grades



## LOCATIONS

- Argonne National Laboratory
- Lawrence Berkeley National Laboratory
- Lawrence Livermore National Laboratory
- Los Alamos National Laboratory
- National Renewable Energy Laboratory
- Nevada National Security Site
- Oak Ridge National Laboratories
- Pacific Northwest National Laboratory
- Sandia National Laboratories
- Scripps Institution of Oceanography



For detailed information on eligibility and application requirements visit:

<https://orise.ornl.gov/nsf-msgi/default.html>

For questions about the program, e-mail:

[NSF-MSGI@orise.ornl.gov](mailto:NSF-MSGI@orise.ornl.gov)



## Westminster College Math Department Position Announcement

The Mathematics Department invites applications for two assistant professor positions to commence in August 2018. Candidates must possess an earned doctorate in Mathematics or Statistics; all fields will be considered. The most important qualification is demonstrated excellence in teaching. Successful candidates will have had full responsibility for teaching a variety of courses. Westminster College's normal teaching load is 24 semester hours per year, typically 3 courses per semester, including a range of courses, from first year through senior level.

### Minimum Qualifications:

Ph.D. (or its equivalent) in Mathematics or Statistics completed by August 2018. Demonstrated excellence in teaching.

### Preferred Qualifications:

Preparation to facilitate the learning of all students, especially those from groups historically underrepresented in higher education.

### Application & Supplemental Information:

A complete application will include the following:

1. A current curriculum vitae, including the names and contact information of four professional references.
2. A one- to two-page letter that addresses your teaching philosophy and experience, as well as the skills and experience that prepare you to facilitate the learning of students from groups historically underrepresented in higher education;

Please apply for this position at <http://jobs.westminstercollege.edu/>. Review of applications will begin on December 10, 2017 and continue until the position is filled. Initial interviews will be conducted via Skype and at the Joint Mathematical Meetings in early January. For more information about this position, contact Kenan Ince ([kince@westminstercollege.edu](mailto:kince@westminstercollege.edu), 801-832-2843) or Janine Wittwer ([jwittwer@westminstercollege.edu](mailto:jwittwer@westminstercollege.edu) or at 801-832-2404), chairs of the search committee. This position is contingent on budgetary approval.



## Purdue University Math Tenure-Track Position Announcement

The Mathematics Department at Purdue University invites applications for up to two possible appointments in mathematics to begin August 2018. These appointments will be at the level of assistant professor. Appointments will be made based on demonstrated research and teaching qualifications. Ph.D. (or its equivalent) in mathematics or a closely related field is required. Preference will be given to outstanding applicants in the areas of Analysis and Geometry (including stochastic analysis/probability, harmonic analysis, partial differential equations, complex analysis, and symplectic/differential geometry), Algebra (including commutative algebra, algebraic topology, algebraic geometry, automorphic forms and number theory), and Computational and Applied Mathematics (including applied, numerical, and computational analysis, the modeling of physical/biological systems, and inverse problems).

**Duties:** Conduct research in mathematics. Teach undergraduate and/or graduate mathematics courses to a diverse student body and supervise graduate students. Senior faculty will also mentor junior faculty and participate in the governance of the department, the College of Science, and the University by serving on faculty committees.

**Applications** should be submitted online through [www.mathjobs.org/jobs/jobs/10778](http://www.mathjobs.org/jobs/jobs/10778) and should include (1) the AMS cover sheet for academic employment, (2) a curriculum vitae, (3) a research statement, and (4) four letters of recommendation, one of which discusses the candidate's teaching qualifications. Reference letter writers should be asked to submit their letters online through [www.mathjobs.org](http://www.mathjobs.org). Direct all inquiries to [kstroud@math.purdue.edu](mailto:kstroud@math.purdue.edu). Applications are considered on a continuing basis but candidates are urged to apply by November 1, 2017. For more information about our department, see [www.math.purdue.edu/](http://www.math.purdue.edu/). A background check will be required for employment in this position.

Purdue University's Department of Mathematics is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

*Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.*



## Purdue University Math Visiting Assistant Professor Position Announcement

These three-year positions intended for new and very recent Ph.D.'s will commence August 2018 and are open to mathematicians who demonstrate exceptional research promise and a strong teaching record. Ph.D. (or its equivalent) in mathematics or closely related field by August 14, 2018 is required. Applicants should have research interests in common with Purdue faculty. Duties include teaching undergraduate and graduate mathematics courses.

Applications should be submitted online through [www.mathjobs.org](http://www.mathjobs.org) and should include (1) the AMS cover sheet for academic employment, (2) a curriculum vita, (3) a research statement, and (4) three letters of recommendation, one of which discusses the candidate's teaching qualifications. Reference letter writers should be asked to submit their letters online through [www.mathjobs.org/jobs/jobs/10779](http://www.mathjobs.org/jobs/jobs/10779).

Direct all inquiries to [mathhead@purdue.edu](mailto:mathhead@purdue.edu). Screening of applications will begin November 1, 2017 and continue until filled. Some offers will be made before the end of January 2018. For information about our department, see [www.math.purdue.edu/](http://www.math.purdue.edu/). A background check will be required for employment in these positions.

Purdue University's Department of Mathematics is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

*Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.*



## Purdue University Math Zoltners Professorship Announcement

The Department of Mathematics invites applications for an appointment at the rank of tenured full professor to fill the endowed Andris A. Zoltners Professorship in Mathematics. A Ph.D. (or its equivalent) in mathematics or a closely related field is required. We are expecting applications from candidates with an outstanding record of research accomplishments, internationally recognized stature, credentials suitable for immediate nomination as a Distinguished Professor, and great potential for future work. We will consider applications in any area of mathematics.

**Duties:** Conduct research in mathematics, interact with faculty, teach undergraduate and/or graduate courses, mentor junior faculty, and participate in the governance of the Department, College, and University by serving on faculty committees.

Applications should be submitted online through [www.mathjobs.org/jobs/jobs/10781](http://www.mathjobs.org/jobs/jobs/10781) and should include (1) the AMS cover sheet for academic employment, (2) a curriculum vitae, (3) a research statement, and (4) four letters of recommendation. Preferably one of the letters will discuss the candidate's teaching. Reference letter writers should be asked to submit their letters online through [www.mathjobs.org](http://www.mathjobs.org). Direct all inquiries to [mathhead@purdue.edu](mailto:mathhead@purdue.edu). Screening of applications will begin October 30, 2017 and continue until filled. Some offers may be made before the end of January 2018. For information about our department, see [www.math.purdue.edu/](http://www.math.purdue.edu/). A background check will be required for employment in these positions.

Purdue University's Department of Mathematics is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

*Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.*



## Amherst College Mathematics Tenure-Track Position Announcement

The Department of Mathematics and Statistics invites applications for a full-time tenure-track or tenured appointment in mathematics beginning July 2018. Within the last decade, Amherst College has transformed its student body in terms of socioeconomic status, ethnicity, and nationality. We seek applicants who can teach and encourage students of diverse backgrounds, including first-generation college students, international students, and students with varying mathematical preparation. Responsibilities include teaching two courses per semester and supervising undergraduate theses.

Applicants must hold a Ph.D. in mathematics or a related field, have a strong commitment to research, and be passionate about teaching undergraduates at all levels. A senior appointment would be with tenure, contingent upon a tenure review. Applicants should submit a 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](http://MathJobs.Org). Applications will be accepted until the position is filled, and applications received by **December 1, 2017**, will be guaranteed consideration.

Questions can be addressed to [mathstats@amherst.edu](mailto:mathstats@amherst.edu). Amherst College is co-educational liberal arts college with 1,800 students and 200 faculty. Resources for faculty include a Teaching and Learning Collaborative, a Center for Community Engagement, and a Faculty Research Award Program.

## Grand Valley State University Department of Mathematics Tenure-Track Position Announcement

**Position:** Assistant Professor of Mathematics

**Required Qualifications:** Ph.D. in Mathematics, with a focus in Applied or Computational Mathematics, expected by August 2018; dedication to excellence in teaching undergraduate mathematics; commitment to continued scholarly and professional growth; and evidence of critical, reflective thinking about the teaching and learning of mathematics at the undergraduate level. The department is especially interested in qualified candidates who can contribute through their teaching, scholarship, and/or service to the diversity and excellence of our academic community.

**Preferred Qualifications:** Preference will be given to candidates who: show interest in implementing our newly designed applied mathematics program; have demonstrated excellence in teaching undergraduate mathematics; bring experience working with industry; and have experience using active learning strategies, employing technological tools to promote student understanding of mathematics, or extending student learning experiences beyond the classroom.

**Responsibilities:** Duties each semester include a baseline 9 credit hour teaching load, baseline scholarship and service, and a significant focus (equivalent to 3 credit hours) of additional responsibilities in teaching, scholarship, and/or service depending on the candidate's interests and the department's needs. Newly hired faculty are normally expected to have their 3 credit hours of significant focus be scholarship. Department faculty are expected to teach courses throughout the curriculum, to continually develop and grow as teachers, to maintain an active program of scholarly development (broadly defined), and to participate actively in the life of the department. Employment begins August 6, 2018.

**Salary:** Competitive and commensurate with qualifications.

**How To Apply:** Interested candidates should apply online at [jobs.gvsu.edu](http://jobs.gvsu.edu). A complete application must include in PDF: (1) a personal statement that addresses (a) the applicant's teaching experience, philosophy, and methodology, and (b) how the applicant meets the teaching-related qualifications of the position; (2) a description of the applicant's scholarly interests, experiences, and potential; (3) a vita; (4) a copy of graduate transcripts (unofficial is acceptable); and (5) at least three letters of recommendation, at least one letter addressing the applicant's experiences in applied mathematics, and at least one letter about the candidate's teaching experience and potential. Letters of recommendation should be sent electronically directly to Jan Kuzee at [kuzeej@gvsu.edu](mailto:kuzeej@gvsu.edu), and cc'ed to [hindelef@gvsu.edu](mailto:hindelef@gvsu.edu). The email should include the applicant's name in the subject line. Applicants with diverse backgrounds are encouraged to apply. If you have questions about applying online or need assistance, call Human Resources at 616-331-2215. Email questions about the position to: Firas Hindeleh; Mathematics Search Committee chair ([hindelef@gvsu.edu](mailto:hindelef@gvsu.edu)). **Deadline:** Complete application material must be uploaded by 5:00 PM EST Monday, November 27, 2017.

*Grand Valley State University is an EOE which includes protected veterans and individuals with disabilities. See <http://www.gvsu.edu/affirmative/>.*



# Arizona State University Tenure-Track Asst./Assoc. Professor in Statistics Position Announcement

The School of Mathematical and Natural Sciences at Arizona State University seeks applications for a full-time, tenure-eligible Assistant or Associate Professor in Statistics with any focus area.

The School of Mathematical and Natural Sciences, New College of Interdisciplinary Arts and Sciences (<https://newcollege.asu.edu/mathematical-natural-sciences-degree-programs>) at Arizona State University, is an interdisciplinary mathematical and natural sciences unit that encompasses statistics, mathematics, biology, chemistry, computing, forensics, and physics; it prides itself in interdisciplinary collaborations among these research areas.

Successful candidates are expected to establish a vigorous, externally-funded program of research; to deliver quality undergraduate and graduate instruction in statistics; and to contribute service to the university and the profession. Faculty can participate in university-wide graduate programs. The School is committed to recruiting and retaining students and faculty from groups that have historically been underrepresented in the sciences.

## **Required Qualifications:**

Ph.D. in Statistics or a related field, by time of appointment; evidence of an on-going research program in Statistics and a record of publication and commitment to securing external grant funding consistent with candidate's experience; commitment and ability to work with a diverse student population.

## **Desired Qualifications:**

Evidence of successful college/university teaching and course development experience; interest in establishing interdisciplinary research programs; practice guiding undergraduates in research and student mentorship; established collaborations with industry partners.

## **Instructions to Apply:**

Email application to [mns@asu.edu](mailto:mns@asu.edu). Application deadline is November 20, 2017, and every Friday thereafter until the search is closed. Complete applications must include 1) letter of application, 2) a statement describing teaching philosophy and experience, 3) statement describing current and future research plans, 4) statement describing commitment to diversity, 5) unofficial transcripts, and 6) curriculum vitae with your contact information, including telephone number and e-mail address, and 7) contact information (name, address, email, telephone number) for three professional references. Requested material should be in one PDF document. Only electronic applications are accepted for this position. Please reference **Job# 12131** when applying for the position.

ASU conducts pre-employment screening for all positions which includes a criminal background check, verification of work history, academic credentials, licenses, and certifications. Arizona State University is a new model for American higher education, an unprecedented combination of academic excellence, entrepreneurial energy and broad access. This New American University is a single, unified institution comprising four differentiated campuses positively impacting the economic, social, cultural and environmental health of the communities it serves. Its research is inspired by real world application blurring the boundaries that traditionally separate academic disciplines. ASU serves more than 80,000 students in metropolitan Phoenix, Arizona, the nation's fifth largest city. ASU champions intellectual and cultural diversity, and welcomes students from all fifty states and more than one hundred nations across the globe.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. ASU's full non-discrimination statement (ACD 401) and Title IX policy are located at <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX>.



## Amherst College Statistics Tenure-Track Position Announcement

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>.

## Medgar Evers College, CUNY Tenure-Track Mathematics Department Position Announcement

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.

[CLICK TO APPLY](#)

**CLOSING DATE:** Open until filled



## Bucknell University Mathematics Department Tenure-Track Position Announcement

The Mathematics Department at Bucknell University invites applications for a tenure-track faculty position to begin in August 2018. We expect to hire at the Assistant Professor level, but outstanding candidates will be considered at the Associate Professor or Professor level.

Applications include a cover letter, a curriculum vitae, graduate transcripts (unofficial copies accepted), a research statement, and a teaching statement. Please submit these and all other supporting materials electronically at [mathjobs.org](http://mathjobs.org). The direct link to this posting is: <https://www.mathjobs.org/jobs/jobs/10351>

Please arrange for three letters of recommendation (at least one of which should substantively address teaching) to be uploaded at [mathjobs.org](http://mathjobs.org). Review of applications will begin November 26, 2017, and will continue until the position is filled.

Bucknell University, an Equal Opportunity Employer, believes that students learn best in a diverse, inclusive community and is therefore committed to academic excellence through diversity in its faculty, staff, and students. We seek candidates who are committed to Bucknell's efforts to create a climate that fosters the growth and development of a diverse student body, and we welcome applications from members of groups that have been historically underrepresented in higher education.

Bucknell University is a private, highly ranked, national liberal arts institution that also offers strong professional programs in engineering, business, education, and music. Bucknell has a partnership with Geisinger Health System to promote research and educational collaborations. Located in central Pennsylvania along the Susquehanna River, Bucknell is nestled in the Borough of Lewisburg, an architectural gem that has been ranked as one of America's best small towns. The Lewisburg area offers a combination of outdoor recreation opportunities, appealing amenities such as art galleries, an art deco theater, historic museums, and charming independent boutiques and restaurants. In addition to the many cultural and athletic events offered by the University and the Borough, the surrounding region offers outstanding schools, medical facilities, and an affordable cost of living. For those who crave the city, Bucknell is within an easy three-hour drive to Philadelphia, New York, Baltimore, and Washington, D.C.



## Carleton College Tenure-Track Position Announcement

The Carleton College Department of Mathematics and Statistics anticipates hiring for a tenure-track position in Analysis, broadly defined, at the Assistant Professor level, to begin September 1, 2018. Ph.D. in hand or imminent completion by that date is expected. Appointment at a higher level may be considered in exceptional cases.

Carleton is a highly selective liberal arts college with a student body of 2,000 located forty-five miles south of the Twin Cities of Minneapolis and St. Paul. Our academic year consists of three ten-week terms. The fourteen-member Department of Mathematics and Statistics resides in a modern building with excellent facilities including a dedicated computing lab. The faculty is passionate about teaching and active in scholarship. We are particularly interested in applicants who will contribute to a vibrant college-wide culture of undergraduate research, and who have a commitment to attracting and retaining students from underserved groups.

Applicants should submit, through MathJobs, a letter of interest, three letters of recommendation, a graduate transcript, a curriculum vitae, a statement about teaching in an undergraduate liberal arts environment, and a statement about research (including research with students) in an undergraduate liberal arts environment. At least one letter of recommendation should specifically address teaching experience. To ensure full consideration all application materials should be received by November 22, 2017.

Carleton College does not discriminate on the basis of race, color, creed, ethnicity, religion, sex, national origin, marital status, veteran status, actual or perceived sexual orientation, gender identity or expression, status with regard to public assistance, disability, or age in providing employment or access to its educational facilities and activities. We are committed to developing our faculty to better reflect the diversity of our student body and American society. Women and members of minority groups are strongly encouraged to apply.

# Sonoma State University Tenure– Track Position Announcement in Mathematics and Statistics

Assistant Professor (tenure-track), Statistics or Mathematics, Sonoma State University

The Department of Mathematics and Statistics within the School of Science and Technology at Sonoma State University (SSU) is seeking a highly motivated teacher/scholar in statistics or statistics education. Exceptional candidates in other areas of mathematics and statistics may also be considered, for example those with experience in areas such as data analytics or biostatistics. The available tenure-track position is at the rank of assistant professor and requires a Ph.D. in statistics or a Ph.D. in mathematics with a Masters degree in statistics or its equivalent, or a Ph.D. in statistics education with a Masters degree in statistics or its equivalent, or a closely related field. The successful candidate should have a demonstrated record of excellence and innovation in undergraduate teaching and be actively engaged in scholarly work.

The selected candidate will be expected to teach a variety of undergraduate statistics and/or mathematics courses as appropriate for their expertise. Examples could include statistics major courses, such as statistical programming and consulting, general education courses, calculus sequence courses, and mathematics major courses. The selected individual should be committed to teaching a diverse group of undergraduates, including groups historically underrepresented, and groups who may have experienced discrimination. This individual should demonstrate sensitivity, knowledge, and understanding of the diverse academic, socioeconomic, gender, cultural, disability, and ethnic backgrounds of the students we serve.

The total teaching assignment each semester is approximately 12 credit hours, with a reduced semester teaching load of approximately 9 credit hours a semester for the first two years. However, if successful in obtaining external funds, the successful candidate may teach fewer units. Faculty members in the Department of Mathematics and Statistics are also expected to participate in developing the Department's curricula and to maintain a program of scholarship. In addition to teaching and scholarship, faculty are expected to engage in academic advising, to assist the department with program assessment, administrative and/or committee work, and to serve on campus-wide committees. Sonoma State is committed to the Teacher/Scholar model and places an emphasis on faculty support of undergraduate research. The selected individual will be committed to teaching a diverse group of undergraduates and supervising undergraduate research projects.

Applications received by November 27, 2017 will be given full consideration. The position will remain open until filled. Electronic submission is required; see <https://www.sonoma.edu/aa/fa/prospective/tenure-track.html> for the full position announcement.

Sonoma State University offers an exceptional educational experience that fosters intellectual, cognitive, social, and personal growth. As the only member of the Council of Public Liberal Arts Colleges in California, we are uniquely positioned to foster ethical exploration, civic engagement, social responsibility, and global awareness combined with a solid foundation in an academic discipline. We have a strong commitment to graduating students who have the ability to think critically and communicate effectively in an ever-changing world. Members of the University community are expected to work effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds. SSU is especially interested in candidates who make contributions to equity and inclusion in the pursuit of excellence in teaching, scholarship, and service.

Sonoma State University's beautiful 274-acre campus is located in Sonoma County wine country, an hour north of San Francisco. The campus offers the ideal setting for teaching and learning and access to a community of rich cultural, environmental, and recreational opportunities. Founded in 1960, Sonoma State University is one of the 23 campuses of the California State University System. As members of the largest public higher educational system in the nation, we provide accessible, high quality education to more than 9000 students. Sonoma State University is proud to be a Hispanic Serving Institution committed to achieving the goals of equal opportunity and endeavors to employ faculty and staff reflecting the ethnic and cultural diversity of the region and state.

# University of Rochester Tenure– Track Position Announcement in Biostatistics and Computational Biology

## University of Rochester Department of Biostatistics and Computational Biology

### TENURE-TRACK FACULTY POSITION (OPEN RANK)

The Department of Biostatistics and Computational Biology (DBCBC) at the University of Rochester invites applications for an open rank tenure-track position. Desirable candidates must have developed an active program in methodological research and should be enthusiastic about contributing to our Ph.D. program through teaching and advising graduate students. The DBCBC has a preference for attracting applicants with dual interests in the development of statistical and computational methodology and collaborative biomedical research. The University of Rochester has a strong tradition of scientific crossdisciplinary collaboration and provides excellent opportunities for interaction with outstanding scientists across the translational research spectrum. An Equal Opportunity Employer, the University of Rochester is committed to hiring a diverse faculty and to building a culturally diverse and inclusive community where members from all backgrounds can learn and thrive.

The DBCBC is interested in attracting faculty candidates with expertise relevant to contemporary medical and public health research applications. Particularly encouraged to apply are candidates with expertise / interests in: the modeling and analysis of genomic-level data (e.g., epigenomics, metabolomics, causal networks and variant determination, modern GWAS methods); biological / social network applications; the modeling and analysis of data derived from mobile sensors and related remote monitoring tools; clinical trials (e.g., adaptive designs); and, the modeling and analysis of neuroimaging data (e.g., functional MRI, EEG, NIRS).

**Position Qualifications:** Doctoral degree in biostatistics, statistics or strongly related discipline. Candidates must have excellent oral and written communication skills. Commensurate with their current rank, candidates for Associate and Full Professor positions should also have: an excellent track record of peer-reviewed publications; demonstrated success in attracting extramural research funding; and, experience with mentoring graduate students and/or postdoctoral scholars.

**To apply:** Candidates should submit a cover letter and CV, along with research and teaching statements. Candidates for Assistant and Associate Professor positions should arrange to have 3 letters of reference sent to the (email or US mail) address below. Candidates for Full Professor should submit the names and contact information of at least 3 individuals willing to provide letters of reference as part of their cover letter. Review of candidate files will commence November 13, 2017 and will continue until the position is filled. These materials should be emailed in a single PDF file to [BSTFacultySearch@urmc.rochester.edu](mailto:BSTFacultySearch@urmc.rochester.edu).

Candidates who prefer to send hard copies should mail these to the following address:

Open Rank Faculty Position c/o Malora Zavaglia  
University of Rochester Medical Center  
Department of Biostatistics & Computational Biology  
601 Elmwood Avenue, Box 630  
Rochester, NY 14642

*The University of Rochester is an Affirmative Action, Equal Opportunity institution. Women and minority candidates are strongly encouraged to apply.*



## Colorado School of Mines Tenure-Track Position Announcement

The Department of Applied Mathematics and Statistics (AMS) at the Colorado School of Mines invites applications for multiple tenured/tenure track positions at any rank (assistant, associate, or full professor) with a start date of Fall 2018. Current areas of active research within our department are mathematical biology; model reduction; multiscale modeling and analysis; high-performance computing; scattering, diffraction and propagation of waves; computational fluid dynamics; fracture mechanics; integral equations; spatial/spatio-temporal data analysis; inverse problems; uncertainty quantification; spline collocation methods; meshfree methods; PDEs and kinetic theory.

Applicants in any area of computational and applied mathematics or statistics will be considered. However, applicants whose expertise lies at or near the interface between these fields are strongly encouraged to apply. Given the unique opportunity of having multiple positions available, the Department encourages applicants who have a personal, professional or research connection with another applicant to share that connection upon submission of their applications.

Colorado School of Mines (Mines), Colorado's oldest public university, is located in Golden, Colorado, in the foothills of the Rocky Mountains 13 miles west of Denver and 21 miles south of Boulder. Mines enrolls approximately 4500 undergraduate and 1300 graduate students in a broad range of applied science and engineering disciplines. Annual research funding is approximately \$65 million. Mines' location in the Denver/Boulder metropolitan area provides opportunities for collaborations with colleagues at other universities, in industry and at multiple government labs such as the National Renewable Energy Laboratory (NREL) and the United States Geological Survey (USGS) in Golden, or the National Center for Atmospheric Research (NCAR), the National Oceanic and Atmospheric Administration (NOAA) and National Institute of Standards and Technology (NIST) in Boulder. In addition, the school's small size makes it easy for AMS faculty to form collaborations with faculty in geosciences and other disciplines on campus. The AMS Department offers Bachelor's, Master's, and Ph.D. degrees in both Computational and Applied Mathematics and in Statistics.

**Responsibilities:** The successful candidate will be expected to teach at both the undergraduate and graduate levels and to develop a strong externally funded research program.

**Qualifications:** An earned Ph.D. in (applied) mathematics, statistics, or a closely related field, and a record of or demonstrated potential for excellence in research and teaching. A research focus that lies at or near the interface of computational and applied mathematics and statistics is desired. Evidence of interest, or successful involvement, in interdisciplinary collaborative research is desired. Applicants must provide evidence of research accomplishments and teaching competence. Excellent communication and interpersonal skills are required.

**Diversity Commitment:** Mines is an Equal Opportunity/Affirmative Action employer and recognizes that diversity is crucial to its pursuit of excellence in education and research. Mines is committed to developing students, faculty, and staff that have differing perspectives, backgrounds, talents, and needs and to creating an environment that is diverse in ideas, that fosters energizing and enlightening debates, that leads to deeper commitments, and that results in a host of educational, research, and service outcomes. As such, Mines will give special consideration to minorities, women, veterans, and persons with disabilities who have experience working in settings with students from diverse backgrounds and who possess a demonstrated commitment to improving access to higher education for historically underrepresented students.

**Compensation:** Salary and benefits will be commensurate with qualifications and experience, and will include a generous start-up package for basic equipment and professional development. Mines also provides an attractive benefits package including fully paid health insurance, dependent tuition benefits, parental leave policies and dependent care assistance through a flexible spending plan.

**How to Apply:** A complete application consists of a cover letter, curriculum vita, statement of research interests and aspirations, a statement describing teaching experience or philosophy, and three or more letters of reference, at least one of which addresses teaching experience or potential. Applications received on or before December 1, 2017 will receive full consideration. All materials must be submitted via MathJobs.org (<https://www.mathjobs.org/jobs>).

## Whittier College Tenure-Track in CS and Math Position Announcement

Whittier College invites applications for a tenure-track assistant professor position in Computer Science and Mathematics to begin in September 2018.

Applicants must have a PhD in Computer Science or related field, such as Mathematics or Applied Mathematics (ABD considered, PhD preferred). The successful candidate will help to establish our new Interdisciplinary Computer Science program, and teach courses such as Operating Systems, Computer Organization and Architecture, Data Structures and Algorithms, Computer Science I & II, Discrete Mathematics, and occasionally some service courses at or below the calculus level.

Candidates will be judged primarily on their teaching ability and their dedication to close interaction and research with undergraduates. Student advising and committee work are also expected and valued. Interest in teaching interdisciplinary courses such as First-Year Writing or Science and Society is also highly desirable.

To apply, please send a letter of interest, curriculum vitae, a statement of teaching philosophy and experience, evidence of effective teaching, unofficial graduate transcripts, and three confidential letters of reference (at least one of which addresses teaching ability) sent by the references to [mathsearch@whittier.edu](mailto:mathsearch@whittier.edu) (PDFs preferred), or to:

ATTN: CS/Math Search  
Department of Mathematics  
Whittier College  
P.O. Box 634  
Whittier, CA 90608-0634

Review of applications will begin Dec. 1, 2017 and will continue until the position is filled. Women and minorities are particularly encouraged to apply.

Whittier College is committed to attracting and retaining a high quality, diverse faculty with a shared passion for student-centered teaching and mentoring. It is distinguished by its small class sizes, high-impact pedagogies, and innovative liberal arts curriculum blended with professional and pre-professional programs. It is a nationally recognized model for diversity and has no racial majority among its student body. With over 60% students of color, Whittier is designated as both an HSI and AANAPISI. Founded in 1887, it is an independent, four-year liberal arts college with about 1,650 undergraduates and is ideally situated in the scenic hills 18 miles east of downtown Los Angeles. It is an AA/EOE employer.

More information on the position is available at <https://www.whittier.edu/humanresources/employment>



## Worcester Polytechnic Institute Tenure-Track Assistant/Associate Professor Position Announcement

### Assistant/Associate Professor Worcester Polytechnic Institute

The successful applicant is expected to lead a high quality research program and collaborate with other departmental faculty to further develop a cutting-edge financial mathematics research hub.

WPI invites applications for a tenure track assistant/associate professor position in Financial Mathematics and closely related fields to begin in the fall of 2018. The successful applicant is expected to lead a high quality research program and collaborate with other departmental faculty to further develop a cutting-edge financial mathematics research hub. They will be expected to contribute to the teaching mission of the department giving particular support to courses in Financial and Actuarial Mathematics. Outstanding candidates in other areas will also receive consideration. Applicants should have a Ph.D. in Mathematics, or in a related area. Significant postdoctoral research experience is preferred. Readiness to participate in the department's cooperation with partners in the financial industry would be a plus. Salary, benefits and start-up funding are competitive and commensurate with research experience and accomplishments.

Qualified applicants should submit via mathjobs: <http://apptrkr.com/1090502> (1) a detailed curriculum vitae, (2) a statement on research achievements, objectives and goals, (3) a statement on teaching experience, philosophy and interests, and (4) four letters of recommendation at least one of which addresses teaching experience or potential. Review of applications will begin on October 15, 2017 and will continue until the position is filled.

WPI's reputation as a rigorous and innovative university rests on the shoulders of its faculty. A highly selective, private technological university and one of the nation's first, WPI believes that when great minds work together, great advances follow. At WPI the boundaries to multidisciplinary collaboration are low—faculty members, students, and other partners work together on the real-world projects and purposeful research that are hallmarks of the WPI experience. We are most proud of a recent No. 1 ranking for “faculty who best combine research and teaching.” (Wall Street Journal/Times Higher Ed, 2016) The university's campus is located (one hour west of Boston) in Worcester, Massachusetts, a thriving 21st century college city recognized as a growing hub of scientific and technological innovation.

The Mathematical Sciences Department currently has 30 tenured/tenure-track faculty members, 6 postdoctoral scholars, and features an active Ph.D. program in Mathematical Sciences. The department offers bachelor's degrees in Mathematical Sciences and in Actuarial Mathematics, and master's degrees in Applied Statistics, Applied Mathematics, Financial Mathematics, and Industrial Mathematics (<http://www.wpi.edu/+math>). The department has a strong reputation for its cutting-edge interdisciplinary research and for its successful programs addressing mathematical and statistical problems in industry.

Qualified applicants should submit via mathjobs at <http://apptrkr.com/1090502> (1) a detailed curriculum vitae, (2) a statement on research achievements, objectives and goals, (3) a statement on teaching experience, philosophy and interests, and (4) four letters of recommendation at least one of which addresses teaching experience or potential. Review of applications will begin on October 15, 2017 and will continue until the position is filled

WPI is an Equal Opportunity Employer. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status or disability. We are seeking individuals with diverse backgrounds and experiences who will contribute to a culture of creativity and collaboration, problem solving and change making Pre-employment criminal records check is required.