Thoughts from the Executive Director...

David Goldberg
Executive Director of the Math Alliance

We are just getting ready for Thanksgiving and the holiday season is here before we know it. We have been recovering from and reviewing the 2018 Field of Dreams Conference, held at the beginning of this month. I think it was a very successful conference, with a lot of great features, and the reactions I've had have been overwhelmingly positive. Every year, it reminds me that we are, at our core, a community, and this event is where we build some of our strongest communal bonds. There will be surveys to evaluate the conference and we hope to have those out soon, and we encourage everyone to respond. This is how we know what is working well for you. We will also have a special version of the newsletter reviewing the conference soon, so you'll hear much more about the proceedings soon. We also had Joshua Edmonds documenting a great deal of the conference on video, and I am looking forward to seeing his edited versions. Many people have told me how inspiring all of the featured talks were – the Connections Lecture by Cristina Villalobos, the Mathematical Science Lecture by Peter Sarnak, and the Keynote Address by Rodrigo Bañuelos. As soon as we have the videos up and accessible, we will send an e-mail with the links.

Now as we look the end of the year, our F-GAP Scholars are focusing on finishing their applications. With 140 students in the F-GAP program this year, we expect to see well over 100 Alliance Scholars entering graduate programs in the fall of 2019. There is a good chance we will double the number entering graduate programs from the inaugural year, of 2013-14, when 60 of 67 students entered graduate programs. We are so proud of our Scholars, Mentors, and F-GAP Facilitators who work very hard to achieve success in the application process.

For those attending the JMM there will be several events we want to call attention to, and as we have done the last couple of years, we will have a list of those in the December Newsletter. But we especially want to see a lot of you at our **AMS Special Session "_If You Build It They Will Come: Presentations by Scholars in the National Alliance for Doctoral Studies in the Mathematical Sciences_", Friday January 18, 8AM-10:50AM, and 1:00PM-5:50 PM.** We have a full slate of talks by recent (or soon to be) Alliance doctoral recipients, all of whom were undergraduate Alliance Scholars!! You're sure to know some of them, so look at the schedule at the JMM website. This will be our second year for this session, and the talks last year were great, and really show how well our students are doing. So, please, join us!!

Things to note in the AMS Notices

This is an important regularly recurring newsletter item that will return again next month, once we have had time to catch-up on all of our news items and make note of the things we missed during the last month while we prepared for the conference.

2019 SIAM Conference on Applications of Dynamical Systems

2019 SIAM Conference on Applications of Dynamical Systems
(aka the "Snowbird conference")

Website: https://www.siam.org/Conferences/CM/Main/ds19.
When: It will take place May 19-23, 2019
Where: Snowbird, Utah.

The application of dynamical systems theory to areas outside of mathematics continues to be a vibrant, exciting, and fruitful endeavor. These application areas are diverse and multidisciplinary, covering areas of applications that include biology, chemistry, physics, finance, industrial mathematics, data science, and more. This conference strives to amass a blend of application-oriented material and the mathematics that informs and supports the discipline. The goals of the meeting are a cross-fertilization of ideas from different application areas and increased communication between those who develop dynamical-systems techniques and the mathematicians, scientists, and engineers who use them.

SAMSI Undergraduate Workshop

Undergraduate Workshop
February 25-26, 2019
SAMSI Campus, Research Triangle Park, NC

Description:
As part of its Education and Outreach Program for 2018-2019, the **Statistical and Applied Mathematical Sciences Institute (SAMSI)** will host a two-day undergraduate workshop on topics of current interest in statistics and applied mathematics.

While students from universities not in the U.S. are welcome to apply, please be aware that priority is given to students who are enrolled at U.S. institutions.

If your application is accepted for the workshop, and you are traveling from outside the triangle region, SAMSI will reimburse predetermined travel expenses and provide shared lodging. Meals/breaks are provided for all participants during the days of the workshop.

*** Deadline for applications is January 10, 2019 ***

To complete the application for this workshop, visit this address.
For questions or concerns email: ugworkshop@samsi.info

2019 SIDIM

The 2019 SIDIM will be held at the University of Puerto Rico in Humacao during the 1st and 2nd of March 2019.
There is a webpage with more information at http://sidim.uprh.edu where potential participants can register among other things.

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

June 10, 2019 - July 19, 2019

Application Timeline: November 1, 2018 – February 1, 2019

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 Quantitative 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. The program is designed to expose undergraduates to the importance of quantitative methods 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 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](#).

Building Future Faculty Program

The NC State University Building Future Faculty (BFF) Program is a two-day all-expenses paid workshop for doctoral students and post-doctoral scholars who are interested in pursuing academic careers, who are committed to promoting diversity in higher education, and who are one to two years away from beginning a job search.

Participants attend sessions describing life as a faculty member at a research extensive university, expectations of new faculty, and resources available to faculty for help with research and teaching.

Selection criteria

- Individuals with the ability to contribute in meaningful ways to cultural and ethnic diversity and inclusion in higher education
- In a doctoral or post-doctoral program corresponding to a discipline at NC State
- Graduate students who have begun their dissertation research and
  Post-docs
- Desire to pursue independent research as a faculty member
- Desire an academic career at a research institution
- Demonstrate the potential to become a faculty member
- Availability during the program dates

Important dates

2019 Program Dates: Wed., April 3- Friday, April 5, 2019
Application Deadline: Wed., November 7, 2018 at 11:59 p.m.

Past participants say…

"The program really exceeded my expectations, and brought several valuable insights for the faculty interview process." - 2018 BFF Participant

"I can't say enough good things about it. I really valued all of the expertise you gave us access to and I am so grateful to have met other motivated academics in the same career stage as me, with similar questions and desire for blatant, honest advice, across a wide range of fields and backgrounds." -2018 BFF Participant

CONTACT US:
Visit: go.ncsu.edu/bff
Email: bff-program@ncsu.edu

USTARS 2019

USTARS 2019
April 26-28, 2019
Ames, Iowa

We are excited to announce that the ninth annual Underrepresented Students in Topology and Algebra Research Symposium will be hosted by Iowa State University, April 26-28, 2019. USTARS is an annual conference where students at all stages in their research present their work and form research and social support networks with other mathematicians with related research and professional interests. Presenters at USTARS give 30-minute research talks on various topics in the fields of topology and algebra. Two graduate students are chosen to give 1-hour presentations as the Distinguished Graduate Students (DGS). As this year's Invited Faculty Speaker, Dr. Minerva Catral (Xavier University) will give the keynote address. This symposium provides an invaluable opportunity for students who have not yet chosen a research topic, or have switched areas of study, to learn about potential research topics. In addition to the student lectures, a poster session highlights undergraduate research, and an early-career faculty development workshop precedes the symposium.

Application Deadline: February 1, 2019

Visit us at www.ustars.org to apply and for more information about current and past USTARS events.

(Photo of USTARS 2018 Participants, Reed College, Portland, OR)

Transforming Analytical Learning in the Era of Big Data

An Undergraduate Summer Institute in Biostatistics
The University of Michigan
June 17 — July 26, 2019

This full-time 6-week summer institute will introduce undergraduate students to emerging challenges at the intersection of **Big Data**, **Statistics**, and **Human Health**.

Lectures will be led by a diverse group of stellar biostatistics, statistics, electrical engineering, and computer science faculty at the University of Michigan. Working in teams, students will participate in mentored big data research projects. Full and partial stipends are available for selected applicants based on merit and need.

Application Opens December 15, 2018

For details, visit:
www.BigDataSummerInstitute.com

NATIONAL INSTITUTES OF HEALTH

UNIVERSITY OF MICHIGAN

Launch the **NExT** stage of your career!

New Cohort Application Cycle and Search for Associate Director

The first round of applications for the 2019 cohort of MAA Project NExT has a deadline of October 15, 2018.   Applications can be found at projectnext.maa.org. New(ish) faculty who are already in full-time teaching positions are strongly encouraged to use this deadline. Decisions will be made by December 1, 2018. Those accepting positions during this academic year (to start Fall 2019) may use the second application deadline of April 15, 2019.

MAA Project NExT is a year-long professional development program of the *Mathematical Association of America* (MAA) for new or recent Ph.D.s in the mathematical sciences. The program is designed to connect new faculty with master teachers and leaders in the mathematics community and address the three main aspects of an academic career: teaching, research, and service. MAA Project NExT Fellows join an active community of faculty who have gone on to become award-winning teachers, innovators on their campuses, active members of the MAA, and leaders in the profession.

2017 MAA Project NExT cohort

MAA Project NExT welcomes and encourages applications from new and recent Ph.D.s in postdoctoral, tenure-track, and visiting positions. We particularly encourage applicants from under-represented groups (including women and minorities).

In addition, the MAA expects to hire a new Associate Director whose term will begin in Summer 2019. Information about the application process will appear at projectnext.maa.org. Questions? Contact projectnext@maa.org.

MATH ALLIANCE PARTNER INSTITUTION

Tenure-Track Assistant Professor in the Department of Mathematics at Purdue University

The Department of Mathematics in the College of Science at Purdue University invites applications for three or more appointments in Mathematics to begin August 2019. These appointments will be at the level of assistant professor, or possibly higher rank in the case of exceptional career achievements.

These positions come at a time of new leadership and with multiple commitments of significant investment for the College of Science - Purdue's second-largest college, comprising the mathematical, physical and life sciences. These positions are a central component of a large-scale interdisciplinary hiring effort across key strategic areas in the College, including mathematical and computational foundations, quantum computation, and data science, and aligns with the new campus-wide Data Science initiative. Research within the Department of Mathematics spans multiple areas of pure and applied mathematics and extends to collaborations with partners across science and engineering. Opportunities abound for collaboration across computer science and the theory of algorithms, theoretical and applied statistics, and the physical and life sciences.

Successful candidates will combine an outstanding record of research excellence with a commitment to effective and engaged teaching. Appointments will be made based on demonstrated research and teaching qualifications. Candidates must have a Ph.D. (or its equivalent) in mathematics or a closely related field.

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, symplectic and differential geometry),
- Algebra and Topology (including algebraic topology, algebraic geometry, mathematical physics, automorphic forms and number theory, and commutative algebra), and
- Computational and Applied Mathematics (including applied, numerical, and computational analysis, the modeling of physical/biological systems, inverse problems, analysis of data, and machine learning).

Successful candidates are expected to develop a vibrant research program supported by extramural funding, 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 Purdue University by serving on faculty committees.

Applications should be submitted online through www.mathjobs.org and should include (1) the AMS cover sheet for academic employment, (2) a cover letter, (3) a curriculum vitae, (4) a research statement, and (5) 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. Direct all inquiries to kstroud@math.purdue.edu. Applications are considered on a continuing basis but **candidates are urged to apply by November 1, 2018**.

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. For more information about our department, see www.math.purdue.edu/. A background check will be required for employment in this position.

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

Tenured Full Professor in the
Department of Mathematics
at Purdue University

PURDUE
UNIVERSITY

The Department of Mathematics in the College of Science at Purdue University invites applications for an appointment at the rank of tenured full professor to fill the endowed Andris A. Zoltners Professorship in Mathematics.

This position comes at a time of new leadership and with multiple commitments of significant investment for the College of Science - Purdue's second-largest college, comprising the mathematical, physical and life sciences. The Zoltners Professorship is a central component of a large-scale interdisciplinary hiring effort across key strategic areas in the College, including mathematical and computational foundations, quantum computation, and data science, and aligns with the new campus-wide Data Science initiative. Research within the Department of Mathematics spans multiple areas of pure and applied mathematics and extends to collaborations with partners across science and engineering. Opportunities abound for collaboration across computer science and the theory of algorithms, theoretical and applied statistics, and the physical and life sciences.

Successful candidates will combine an outstanding record of research accomplishments, internationally recognized stature, credentials suitable for nomination as a Distinguished Professor, and great potential for future work and leadership within the mathematical community, at Purdue, nationally, and internationally. We will consider applications in any area of mathematics. Appointments will be made based on demonstrated research and teaching qualifications. Candidates must have a Ph.D. (or its equivalent) in mathematics or a closely related field.

Successful candidates are expected to lead a vibrant research program supported by extramural funding, teach undergraduate and/or graduate mathematics courses to a diverse student body, supervise graduate students and postdocs, mentor junior faculty, and participate in the governance of the department, the College of Science, and the University.

Applications should be submitted online through www.mathjobs.org and should include (1) the AMS cover sheet for academic employment, (2) a cover letter, (3) a curriculum vitae, (4) a research statement, and (5) 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. Direct all inquiries to kstroud@math.purdue.edu. Applications are considered on a continuing basis but **candidates are urged to apply by November 1, 2018.**

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. For more information about our department, see www.math.purdue.edu/. A background check will be required for employment in this position.

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

Visiting Assistant Professor positions
in the Department of Mathematics
at Purdue University

The Department of Mathematics in the College of Science at Purdue University invites applications for 5 or more three-year positions as Visiting Assistant Professor. These positions come at a time of new leadership and with multiple commitments of significant investment for the College of Science - Purdue's second-largest college, comprising the physical, life, and computing sciences.

These positions will commence August 2019 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 12, 2019 is required. Successful candidates will have research interests in common with Purdue faculty and a record of early research excellence. Duties include continued research production, engagement with faculty and students, and teaching of undergraduate and graduate mathematics courses.

Applications should be submitted online through 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. Direct all inquiries to mathhead@purdue.edu. Screening of applications will begin November 13, 2018 and continue until filled. For information about our department, see 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 experience, 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.

Post-Doctoral Fellow Position at
University of Michigan Biostatistics Department

The Department of Biostatistics, University of Michigan School of Public Health invites applications for a post-doctoral research fellow, to be working in the area of electronic health records, gene-environment interaction, shrinkage estimation and statistical methods for analyzing biobank data in collaboration with Dr. Bhramar Mukherjee. Candidates should have a doctoral degree in Biostatistics, Statistics, Mathematics, Computer Science, Human Genetics, Epidemiology, Bioinformatics or any related quantitative field. A qualified candidate will have a demonstrated track-record of successful research as evidenced by papers, software and preprints. Strong written and communication skills are desired along with a passion for conducting impactful and influential scientific research. The successful applicant for this position will work in a team of graduate students, post-doctoral fellows, staff and faculty colleagues. Experience in R programming is required, programming in Python, C++ or other programming language, a broad interest in computational statistics and developing R packages and scalable algorithms is an added plus.

Expertise or experience in any of the following areas will be helpful: Bayesian methods, causal inference, high-dimensional statistics, machine learning, mediation, missing data, sample survey, selection and shrinkage methods. This is a two-year position with a possible third year. Salary and benefits are competitive. Considerations of applications will begin immediately and continue until the position is filled. The University of Michigan is an affirmative action/equal opportunity employer. Applications from women and minorities are welcomed and strongly encouraged.

Applicants should submit a cover letter, CV, name and contact information of three references to:
Davina Barron, B.Sc.
1415 Washington Heights
Ann Arbor, MI 48109-2029
Email: davinab@umich.edu
Phone: 734-936-0458

The start is flexible but ideally the candidate can start early in 2019.

The University of Michigan School of Public Health (UMSPH) is internationally recognized for its excellence, and has been ranked consistently as a premier entity. Since its organization in 1941, the School has produced a cadre of prominent public health leaders (for example, thirteen American Public Health Association presidents have been University of Michigan faculty or graduates). The School aims to provide an understanding of the health aspects of human beings, their interaction with the biological, physical, and social environment, and the application of this knowledge to community health problems.

The Department of Biostatistics within UMSPH is ranked number one in the nation by the National Research Council. The department consists a thriving body of 46 faculty, 202 students and 111 research and administrative staff members. The department has been at the forefront of research and training in Biostatistics. Department faculty have active, well-funded research programs emphasizing development of statistical methods and their application to biomedicine. Direct cost grant funding for 2017 was $27 million. The Department has close ties with the Department of Statistics, the Institute for Social Research, the Medical School, the Michigan Institute for Data Science, The Institute of Health Policy and Innovation and other research groups across campus. The University of Michigan offers competitive salaries and excellent benefits. Ann Arbor is a progressive city of about 118,000 year-round residents, and approximately 43,000 students, with excellent schools and a wide variety of sporting and musical activities. It is rated very highly in national surveys for its quality of life and has the amenities of a city many times its size.

Postdoctoral Fellowship in
Environmental Health Biostatistics
at University of Rochester

POSITION TITLE: Postdoctoral Fellowship in Environmental Health Biostatistics

The Department of Biostatistics and Computational Biology at the University of Rochester (UR) announces an opening for a postdoctoral traineeship in Environmental Health (EH) Biostatistics, funded by an NIEHS T32 training grant. The appointee will develop and apply novel statistical methodology for projects related to EH, under the mentorship of a Biostatistics faculty trainer (Drs. Sally W. Thurston, Matthew N. McCall, Brent Johnson, Tanzy Love, Michael McDermott, David Oakes, or Robert Strawderman).

The specific methodological focus may be based in part on the trainee's interests, and will involve co-mentorship from a leading environmental health researcher. Examples of EH topics include studies of (a) the associations between air pollution exposure and biomarkers thought to indicate increased risk of future cardiac events; (b) effects of pre- and post-natal mercury exposure from fish consumption on multiple outcomes in childhood and adolescence; (c) RNA sequencing to quantify the effect of dioxin exposure on CD8+ T-cell gene expression accounting for an unknown mixture of responders and non-responders; and (d) methods to quantify morphologic changes in microglia in response to pharmacological alterations of noradrenergic signaling in the brain. Methodological expertise among T32 faculty trainers includes Bayesian MCMC methods, models for multiple outcomes, latent variable models, measurement error, missing data, causal inference, survival analysis, clustering, statistical genomics, molecular systems biology, and bioinformatics. The appointee will also receive training in advanced biostatistics and in toxicology, and be involved in other collaborative work with EH researchers.

For more information see https://www.urmc.rochester.edu/biostat/training-grant.aspx.

Position qualifications: In accordance with NIEHS requirements, trainees must be a US citizen or permanent resident, and must have completed a doctoral degree in statistics or a related subject by the appointment start date. We seek a highly motivated candidate with a strong statistical background, excellent programming skills and good communication.

Appointment: The position is available for 12 months initially

Tenure-Track Assistant Professor in the Department of Mathematics and Statistics at Saint Louis University

Saint Louis University invites applications for a tenure-track position as an Assistant Professor in the Department of Mathematics and Statistics. The position will begin in August, 2019. Applications received by 1/4/2019 are assured of full consideration.

Ph.D. required in Mathematics or a related area. The department seeks candidates with outstanding potential in both research and teaching, who will contribute to the overall strength of the department. Candidates should demonstrate the ability to enhance established research groups at SLU. The department is especially interested in candidates whose research program also has an applied or computational component.

Duties include:
- Maintaining an active research program.
- Teaching both undergraduate and graduate courses, with a typical load of two courses per semester for active researchers.
- Eventual participation in the supervision of master's theses and doctoral dissertations.
- Participation in department governance and university service.

Our department currently consists of twenty-six faculty members whose research areas include algebra, analysis, geometry, topology, and statistics. The department has undergraduate majors in mathematics and data science, and offers graduate master's and doctoral degrees in mathematics. The department web page is http://mathstat.slu.edu.

Please apply via MathJobs: https://www.mathjobs.org/jobs/jobs/12943.

Applications must include: CV, statement of research interests, teaching statement, and three letters of recommendation (including at least one that addresses teaching).

Founded in 1818, Saint Louis University is one of the nation's oldest and most prestigious Catholic universities. SLU, which also has a campus in Madrid, Spain, is recognized for world-class academics, life-changing research, compassionate health care, and a strong commitment to faith and service.

Saint Louis University is an equal opportunity/affirmative action employer. All qualified candidates will receive consideration for the position applied for without regard to race, color, religion, sex, age, national origin, disability, marital status, sexual orientation, military/veteran status, gender identity, or other non-merit factors. We welcome and encourage applications from minorities, women, protected veterans, and individuals with disabilities (including disabled veterans). If accommodations are needed for completing the application and/or with the interviewing process, please contact Human Resources at 314-977-5847.

Tenure-Track Assistant Professor in Department of Mathematics and Statistics at Saint Louis University

Position Title: Tenure Track Position in Statistics or Data Science
Position Type: Tenured/Tenure-track faculty
Subject Area: Statistics, Data Science, or a related area broadly defined

Saint Louis University invites applications for a tenure-track position as an Assistant Professor in the Department of Mathematics and Statistics. The area of emphasis is statistics or data science. The position will begin in August, 2019. Applications received by 1/4/2019 are assured of full consideration.

Ph.D. required in Statistics, Data Science, or a related area broadly defined. The department seeks candidates with outstanding potential in both research and teaching, competitive for external funding, and who will contribute to the overall strength of the department. The department recently revamped its undergraduate statistics offerings so that students use R to interact with data in each course, and we seek candidates who are eager to incorporate technology and coding into their teaching.

Duties include:
- Maintaining an active research program.
- Teaching both undergraduate and graduate courses in statistics, with a typical load of two courses per semester for active researchers.
- Eventual participation in the supervision of master's theses and doctoral dissertations.
- Contributing to the growth and direction of the statistics program and the new data science program.

Our department currently consists of twenty-six faculty members whose research areas include statistics, time series, machine learning, topological data analysis, and mathematics. The department has undergraduate majors in data science and a concentration in statistics, and offers graduate master's and doctoral degrees in mathematics. The University's medical school and school of public health offer opportunities for additional collaboration. The department web page is http://mathstat.slu.edu.

Please apply via MathJobs: https://www.mathjobs.org/jobs/jobs/12942.

Applications must include: CV, statement of research interests, teaching statement, and three letters of recommendation (including at least one that addresses teaching).

Founded in 1818, Saint Louis University is one of the nation's oldest and most prestigious Catholic universities. SLU, which also has a campus in Madrid, Spain, is recognized for world-class academics, life-changing research, compassionate health care, and a strong commitment to faith and service.

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Tenure-Track Assistant Professor in
Department of Mathematics and Statistics
at California State Polytechnic University, Pomona

The Department of Mathematics and Statistics in the College of Science at California State Polytechnic University, Pomona (Cal Poly Pomona) invites applications for a tenure-track position in Pure Mathematics at the rank of Assistant Professor to begin Fall Semester 2019. Join a growing and dynamic group of mathematicians, statisticians, and mathematics educators actively engaged in teaching and scholarship.

The Position: Throughout the academic year, you will typically teach a mix of courses in mathematics at the lower division, upper division, and graduate levels. As part of your professional development, we encourage you to engage our graduate students in your scholarly activities. Optimally, you will eventually become the academic adviser of some of our graduate students, helping them by supervising their thesis topics. There are many service opportunities available within our department, college, and university.

A Cal Poly Pomona application form (https://www.cpp.edu/~faculty-affairs/documents/acadapplication.pdf) will be required if you are selected as a finalist.

Submit *all* materials via AMS MathJobs. **In addition, you must *also* submit your cover letter, curriculum vitae, and Student Success Statement to Interfolio:** https://apply.interfolio.com/55753.

Your completed application packet will be available to be examined by all tenured and tenure-track faculty of the Cal Poly Pomona Department of Mathematics and Statistics. This position is open until filled. Those applications completed and received by **November 14, 2018** will receive first consideration. Early response is encouraged.

For More Information:

http://www.cpp.edu/~math/
Cidni Griffith -mathstatsearch@cpp.edu
(909) 869-3496
3801 W Temple Ave.
Department of Math & Stats
Pomona, CA 91768-4007

Tenure-Track Assistant/Associate Professor openings in the Department of Biostatistics at Harvard T.H. Chan School of Public Health

The Department of Biostatistics at the Harvard T.H. Chan School of Public Health seeks candidates to fill two tenure-track positions at the assistant or associate professor level. For at least one of the positions, we seek candidates with a strong background in biostatistical theory and methods, demonstrated expertise in the development of new methods, and an interest in collaborative research in public health and biomedical sciences. We also seek candidates with expertise in data science more broadly, including computational science, machine learning and related methods, with applications in health and biomedical research. Candidates should have the potential to become leaders in the development and application of biostatistical methods and computation in health sciences and should be enthusiastic about teaching, training, and mentorship through our graduate programs. Responsibilities will include methodological and collaborative research, teaching, and supervision of graduate students. Qualified applicants would have a doctoral degree in biostatistics, statistics, mathematics, epidemiology, computer science, computational biology, or a related field. Candidates are required to have their doctoral degree by the time the appointment begins, and academic rank will be determined in accordance with the successful candidate's experience and accomplishments.

The Department of Biostatistics (www.hsph.harvard.edu/biostatistics) offers an exceptional environment to pursue research and education in biostatistics while being at the forefront of efforts to benefit the health of populations worldwide. Our faculty are leaders in the development of methods for the design and analysis of clinical trials and observational studies, missing data, causal inference, precision health, network analysis, computational and systems biology, microbiome analysis, statistical genetics and genomics, neurostatistics, and environmental statistics. Our innovative approaches to the analysis of massive health-related data are strengthened by a deep foundation in theory and application. The department prides itself on having strong mentoring and a supportive environment for assistant and associate professors. Our unique and diverse community provides unparalleled collaborative opportunities with academic departments across Harvard, the Dana-Farber Cancer Institute, and other world-class Harvard affiliated hospitals.

Please apply to: http://academicpositions.harvard.edu/postings/8474
For questions, please contact:
Chair, Search Committee for Assistant/Associate Professor of Biostatistics
c/o Susan Luvisi
Department of Biostatistics
Harvard T.H. Chan School of Public Health
Email: biostatjrsearch@hsph.harvard.edu

The Harvard T.H. Chan School of Public Health seeks to find, develop, promote, and retain the world's best scholars. We are committed to upholding the values of diversity, equity, and inclusion in our school and the communities we serve.

Harvard University is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Information on resources for career development and work/life balance at Harvard T.H. Chan SPH can be found at: http://hsph.me/resources-career-development-and-work-life-balance.

The committee will review applications on a rolling basis, beginning immediately, until both positions are filled.

Tenure–Track Positions Announced at the
University of California, Riverside

The Department of Mathematics at the University of California, Riverside is running 2 searches this year, in hopes to fill 6 tenure -rack level positions (3 in pure mathematics and 3 in applied mathematics). The links to official advertisements can be found here:
https://www.mathjobs.org/jobs/UCR

1. Tenured/Tenure-track Assistant Professor of **Applied Mathematics** in the Department of Mathematics. Full ad is available here: https://www.mathjobs.org/jobs/jobs/12811.

2. Tenure-Track Faculty Positions for Emerging Scholars in **Applied Mathematics** with Initial Postdoctoral Year. Full ad is available here: https://www.mathjobs.org/jobs/jobs/12814.

For more information about the positions, please contact Dr. Mark Alber, Department of Mathematics, University of California, Riverside: malber@ucr.edu. For inquiries regarding the application process, please contact Mary Stuart, Academic Personnel, at mary.stuart@ucr.edu.

1. Tenured/Tenure-track Assistant Professor of **Pure Math** in the Department of Mathematics. Full ad is available here: https://www.mathjobs.org/jobs/jobs/12810.

2. Tenure-Track Faculty Positions for Emerging Scholars in **Pure Mathematics** with Initial Postdoctoral Year. Full ad is available here: https://www.mathjobs.org/jobs/jobs/12813.

For more information about the positions, please contact Dr. Wee Liang Gan, Department of Mathematics, University of California, Riverside: wlgan@ucr.edu. For inquiries regarding the application process, please contact Mary Stuart, Academic Personnel, at mary.stuart@ucr.edu.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission, such as engagement with diverse populations of students, role modeling and mentoring is a preferred qualification. For more information about UC's commitment to diversity, please visit http://regents.universityofcalifornia.edu/governance/policies/4400.html.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

List of other Position Announcements

University/Institution	Type of Position	Link for applications
Amherst College	Lecturer in Statistics	MathJobs
Appalachian State University	Tenure-Track Assistant Professor in Mathematics	Via email to mathscisearch@appstate.edu
Belmont University	Tenure-Track Assistant Professor in Mathematics	Apply Here
Carleton College	Tenure-Track Assistant Professor in Mathematics	MathJobs
Clarkson University	Tenure-Track Assistant Professor in Mathematics	MathJobs
Marian University	Tenure-Track Assistant Professor in Statistics	Via email to hr@marian.edu
Millikin University	Tenure-Track Assistant Professor in Mathematics	Apply Here
Mt. Holyoke College	Assistant Professor of Mathematics	Apply Here
Mt. Holyoke College	Assistant Professor of Statistics	Apply Here
Northern Michigan University	Instructor of Math	Apply here
Saint Mary's College	Tenure-Track Faculty in Math/CS	Via email to mathsearch@saintmarys.edu
San Jose State University	Tenure-Track Assistant Professor position in Applied Mathematics	Apply Here
San Jose State University	Tenure-Track Assistant Professor position in Optimization	Apply Here
Smith College	Tenure-Track Assistant Professor in Mathematics	Apply Here
Southern New Hampshire University	Assistant Professor of Mathematics	Apply Here
Spelman College	Tenure-Track Open Rank Faculy in Mathematics	Apply Here
St. Edward's University	Tenure-Track Open Rank Faculy in Mathematics	Apply Here
St. John's University	Tenure-Track Assistant Professor in Mathematics or Computer Science	Apply Here
St. Mary's College	Tenure-Track Assistant Professor in Mathematics	Via email to mathsearch@saintmarys.edu
The New School	Assistant Professor of Mathematics	Apply Here
University of Cincinnati	Tenure-Track Assistant Professor in Mathematics	MathJobs
University of Dayton	Lecturer in Statistics	Apply Here
University of Dayton	Tenure-Track Assistant Professor in Mathematics	MathJobs
University of Hartford	Tenure-Track Assistant Professor in Mathematics	MathJobs
University of Mary Hardin-Baylor	Tenure-Track Assistant/Associate Professor in Mathematics	Apply Here
University of Washington, Tacoma	Tenure-Track Lecturer Postions in Math	Apply Here
University of Washington, Tacoma	Tenure-Track Assistant Professor in Statistics	Apply Here
University of Washington, Tacoma	Tenure-Track Assistant Professor in Mathematics	Apply Here
US Naval Academy	Tenure-Track Assistant Professor in Operations Research	MathJobs
US Naval Academy	Tenure-Track Assistant Professor in Mathematics	MathJobs
Villanova University	Tenure-Track Assistant Professor in Mathematics	MathJobs