



Upcoming

Events

Project NExT

Deadline

Oct. 15, 2021

**Field of Dreams
Conference**

Virtual

Nov. 5- 6, 2021

JMM 2022

Seattle, WA

Jan. 5- 8, 2022

**Building
Future Faculty**

Program

NCSU

**Mar 30- Apr. 3,
2022**

Thoughts from the Director...



David Goldberg

Executive Director
of the
Math Alliance

So, it is almost October, which means we are just **one month away from this year's Field of Dreams Conference!!** I can't believe it is so close, already. Last month we announced our Math Sciences and Statistical Sciences speakers (Ricardo Cortez and Leslie McClure, respectively), and I am very pleased to announce that the Keynote Speaker will be Professor Carrie Diaz Eaton, of Bates College!! Professor Eaton is an Associate Professor of Digital and Computational Studies and has been working to broaden participation in STEM for many years. I am really looking forward to her talk!! So, this is a reminder to Scholars, if you have been nominated for the Field of Dreams Conference **you need to apply!** Mentors, please remind your mentees of this as well. Also, **it is not too late to nominate a student, or for a student to apply to F-GAP.** If you know a student who should be applying to graduate school for next fall, and who fits our [target group](#), be sure to nominate them and be sure they apply!

Professor Eaton has a chapter in the recently released book *Testimonios Stories of Latinx and Hispanic Mathematicians*. This book grew out of the Lathisms project, and is edited by Pamela Harris (Math Alliance Mentor and Member of our Executive Council), Alicia Prieto Langerica, Vanessa Rivera Quiñones (Math Alliance Scholar), Luis Sordo Vieira, Rosaura Uscanga, and Andrés Vindas Meléndez (Math Alliance Scholar). It also features many, many stories from Math Alliance Scholars and Mentors. I have been reading these wonderful stories the last couple of weeks and recommend this book to everyone. We are now at the mid-way point of Hispanic Heritage month, and that means we are watching the [Lathisms Calendar](#) to see who we know and who we can learn more about. Our community is represented very well in this year's calendar (to date) and we'll recognize all those Math Alliance Scholars and Mentors on this year's Lathisms Calendar in next month's newsletter.

On Friday, October 1, we'll be cohosting the our next Hot Topics series with Bristol Meyers Squibb (BMS). This quarter, a Math Alliance Scholar, Demond Handley, will present work on his summer internship project at BMS. We are very proud to see Demond chosen to make this presentation and hope many of you will [register](#) and attend to support Demond!

Like I said, the Field of Dreams Conference will be here before we know it and I am looking forward to seeing everyone, if only virtually. Last year's conference was a great lift to so many of us, and I am sure this year's edition will do the same. So, even though we won't be gathering in one place, and we lose some things, we also have to keep in mind that we gained some things last year, and we will be building on that. You'll be hearing a lot more about the conference as we get closer, so stay tuned!

Now Accepting Field of Dreams Nominations!

It is time to nominate your students for this year's Field of Dreams Conference. The 2021 will again be held virtually on **November 5– 6, 2021**.

The student [nomination form](#) is on our website and the deadline to nominate your students is **October 1, 2021**.

If you have questions, please contact [Rebecca Lank](#).

Still Accepting 2021-22 F-GAP Nominations!

The Facilitated Graduate Applications Process (F-GAP) is an Alliance program that provides undergraduate Juniors and Master's students with the advice and assistance needed to begin the application process as they apply to graduate programs.

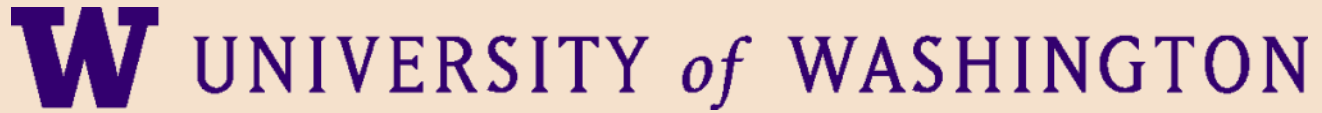


F-GAP will help students choose departments that are most appropriate to their goals and aspirations. The Alliance Community will work with the student as they prepare their applications to graduate programs and will assist in tracking the progress of their applications through the admissions process. The Alliance Community will assist in maximizing the chances that Alliance Scholars will be admitted, with support, to a department or program where they will thrive. We will pair each eligible student with one of our Doctoral Alliance Mentors who will work with the students local mentor to create a mentoring team that will aid in the application process.

If you know of a Senior or Master's student who will be graduating in the Spring or Summer of 2022 and will be applying to graduate programs for Fall 2022 please submit student nominations here: <https://mathalliance.org/fgap-nomination-form/>. As part of this submission, you will be asked to check a box stating that you have read the document, [“Selecting students for the F-GAP program: FAQs.”](#))



The University of Washington becomes a Partner!!



On behalf of the whole Math Alliance Community, I want to welcome and thank our newest University Partner, the University of Washington, Seattle!!

Over the past couple of years our presence on the University of Washington campus has grown dramatically, and as of this writing, they can boast the most Math Alliance Mentors of any campus in the country (33). So, the formalization of this partnership is just the next natural step in our growing relationship.

This partnership is broadly supported across the University, and **a remarkable 12 programs are playing a part!** These are Applied Mathematics, Biostatistics, Mathematics, Statistics, Aeronautics and Astronautics, the Allen School for Computer Science Engineering, Astronomy, Biomedical Informatics and Engineering (BIME), The Comparative Health Outcomes, Policy, and Economics (CHOICE) Institute, Economics, and Physics. We want to thank all these departments and programs and all the administrators who helped put this partnership together. We expect to have even more mentors join us as we get to know this vast array of programs better, and they get to know us.

The University of Washington, with such a broad collection of disciplines being active in Math Alliance activities, will become a model for how we can bring what we have learned to some of these other fields. We look forward to continuing to find new ways to work together towards our shared goals.

Again, thanks to all the great folks at the University of Washington who have helped make this happen.

U. Washington introduces Pre-Application Review Service

University of Washington Department of Statistics is piloting a new initiative this year, called the Pre-Application Review Service.

Prospective applicants for PhD programs in statistics (at UW or elsewhere) can submit their CV and Statement of Purpose, in order to receive mentoring on how to make those materials as competitive as possible.

More details about the PARS program, as well as a link for submission of materials (between now and November 7) can be found here: <https://stat.uw.edu/news-resources/articles/departments-statistics-offers-pre-application-review-service-pars>.

Theresa Martines joins the Math Alliance Leadership as Associate Director for Regional Alliances



We are pleased to announce that Professor Theresa Martines, of the University of Texas, Austin, has assumed the role of Associate Director for Regional Alliances. She takes over for Professor Oscar Vega, California State University, Fresno who has made tremendous contributions in this role over the last couple of years. Professor Vega one of the Directors of the BAMB! program and is the Math Science Director for the very successful Cal-Bridge program, and he continues to work closely with us in those roles. Thanks Oscar for all your help with our regional alliances over the last couple of years! The Associate Director for Regional Alliances acts as a liaison between the Math Alliance to our regional alliances, and acts as a conduit between regions, so they can share successes (and difficulties) and can help each other build best practices.

Professor Martines has been a Math Alliance Mentor for many years, and has been among the leaders of one of our most successful regional alliances, the Gulf States Math Alliance, and will help advise us of the best way to grow our regional footprints. We are excited to have Theresa's input and perspective in our "cabinet" and want to thank her for stepping into this role!!

University of Michigan Biostatistics Virtual Prospective Student Experience

October 14, 2021 7:00PM - 8:30PM ET
Prospective Masters and PhD students are encouraged to attend!

Earn a degree in Biostatistics and learn to develop and use data analysis tools crucial to cutting edge medical, public health, and biological research.

Current students, faculty and alumni will describe the exciting opportunities in this field, the outstanding job prospects post-graduation, and the admissions and financial support opportunities in the Department of Biostatistics at Michigan.

[EVENT DETAILS LINK](#)

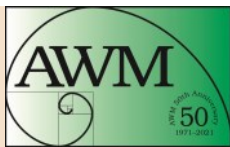
Admission Prerequisites

- Multivariable Calculus
- A course in Matrix or Linear Algebra
- An Introductory course in Statistics or Biostatistics

Additional Math or Statistics courses are helpful, but not required for the Masters program.

[LEARN MORE ON OUR WEBSITE!](#)

AWM Honors Maria Helena Noronha with Humphreys Award for Mentoring



The Association for Women in Mathematics is pleased to announce that the recipient of the 2022 M. Gweneth Humphreys Award will be presented to **Maria Helena Noronha**, Professor Emerita of Mathematics at California State University Northridge, in recognition of her outstanding mentoring of undergraduate women in mathematics, and her creation of programs and pathways for those under-represented in mathematics to excel and thrive in the profession. The award will be presented during the Joint Prize Session on Wednesday January 5, 2022, 4:25 p.m.-5:25 p.m. (PST) at the Joint Mathematics Meetings in Seattle, WA. You can read the full announcement by AWM [here](#).

This award is named for M. Gweneth Humphreys (1911–2006). Professor Humphreys earned her master's degree from Smith College and her PhD at age 23 from the University of Chicago in 1935. She taught mathematics to women for her entire career, at Mount St. Scholastica College, Sophie Newcomb College, and finally for over thirty years at Randolph-Macon Woman's College. This award, funded by contributions from her former students and colleagues at Randolph-Macon Woman's College, recognizes her commitment to and her profound influence on undergraduate students of mathematics.

Professor Noronha is a Math Alliance Mentor, former Executive Council Member, and a member of our Elder Council. Congratulations Helena!!

NSF Postdoctoral Fellowships Awarded to Math Alliance PhD Graduates!

Three Math Alliance Scholars have been awarded 2021 DMS Mathematical Sciences Postdoctoral Research Fellowships (MSPRF) from National Science Foundation

- **Orsola Capovilla-Searle**– received her PhD from Duke University and will begin a postdoc position at University of California, Davis in the fall.
- **Anthony Sanchez**– received his PhD from the University of Washington and will begin a postdoc position in the fall at University of California, San Diego in the fall.
- **Andres Vindas Melendez**– received his PhD from the University of Kentucky and will begin a postdoc position at University of California, Berkeley in the fall.

Four Math Alliance Scholars have been awarded 2021 DMS Launching Early-Carer Academic Pathways Awards (LEAPS-MPS) from National Science Foundation

- **Ranthy Edmonds**- received her PhD from the University of Iowa and is continuing her postdoc at The Ohio State University.
- **Talon Johnson**– received his PhD from the University of Texas, Arlington and will begin a postdoc position at the University of Texas, Southwestern Medical Center in the fall.
- **Amanda Laubmeier**– received her PhD from North Carolina State University and is teaching at Texas Tech University.
- **Candice Price**- received her PhD from the University of Iowa and is teaching at Smith College.

Congratulations to all of the NSF Award Winners!

QUARTERLY HOT TOPIC SESSION

BMS Summer Intern Presentation



Demond Handley

2021 Bristol Myers Squibb
Summer Intern

PHD Student
The Ohio State University

Predictive Biomarker Identification via Subgroup Analysis in Pancreatic Cancer Trial

Friday, October 1st
1:30 pm -2:30 pm

*Ever wondered what an Biopharm-industry
summer internship is like?*

*Come find out what one of your Math
Alliance colleague learned over his
10-week summer internship @ BMS.*

RSVP [here](#)

GRADUATE SCHOOL INTERNSHIPS, FELLOWSHIPS, AND OTHER FUNDING OPPORTUNITIES

**TUESDAY
OCTOBER 5TH
2:00 PM (PT)**



In this workshop you will learn about:

- the NSF Graduate Research Fellowship Program.
- what should and should not be in your applications.
- how to create a timeline for future applications
- Intellectual merit and broader impact.
- fellowships and internships.
- Statements of purpose.

**Presenters: Padhu Seshaiyer (GMU)
Oscar Vega (Fresno State)**

ZOOM LINK: [SHORTURL.AT/MNUTO](https://shorturl.at/mnuto)



NC STATE UNIVERSITY

Building Future Faculty Program

March 30th - April 1, 2022



The NC State Building Future Faculty (BFF) Program is a two-and-half day all-expenses paid workshop for doctoral students and postdoctoral scholars who are interested in pursuing academic careers and who are committed to promoting diversity in higher education. The program targets graduate students who are in the dissertation phase or post-doctoral.

Program Mission:

The mission of the program is to prepare graduate students and postdoctoral scholars for faculty careers, with a special emphasis on students who are committed to increasing the inclusiveness and representation of historically underrepresented groups. *Note that different groups may be underrepresented in different disciplines.

Program Benefits:

- A behind-the-scenes view of faculty life and expectations of faculty
- Success strategies for increasing research productivity and navigating academic life
- Skills development for teaching, networking and public speaking
- Information and feedback on the application process and materials, such as a CV, cover letter and research planning
- Opportunities to interact with faculty in your discipline and other scholars

Selection Criteria:

The Building Future Faculty program provides information for advanced graduate students and postdocs preparing for faculty careers. It is not a job placement program. Those who meet the following criteria are encouraged to apply.

- Individuals with the ability to contribute in meaningful ways to diversity and inclusion in higher education
- Individuals in a doctoral or postdoctoral program corresponding to a discipline at NC State
- Postdocs and graduate students who have begun their dissertation research
- Those who desire an academic teaching career at a research institution and/or who desire to pursue independent research as a faculty member
- Those who demonstrate the potential to become a faculty member
- Availability during the program dates

Application Information:

- Cover letter
- Curriculum vitae
- Statement of teaching and research interests

Office for Institutional Equity and Diversity

Mathematics Graduate Students Organize new national conference on Diversity, Equity, and Inclusion

Three mathematics graduate students, Seppo Neimi-Colvin (Duke) Sofia Martínez Alberga (Purdue, and a Math Alliance Scholar!), and Sarah Percival (Purdue, now a postdoc at Michigan State) have organized a new national conference **Graduates Achieving Inclusion Now (GAIN)**. The GAIN conference will take place, virtually, over the course of four weeks this fall, sponsored by Duke University and Purdue University, and I encourage everyone to visit the [GAIN website](#) and consider registering and participating. It is great to see graduates students taking agency in their experience and we hope our Math Alliance community will support this effort! The announcement from GAIN is below.

“We are pleased to announce a virtual conference, Graduates Achieving Inclusion Now (GAIN). We have a great lineup of current and recent graduate student speakers who will give solution-oriented talks tailored toward a faculty audience on the topics of allyship and mentoring, measuring graduate student success, racism, sexism, homophobia and transphobia, and ableism and mental health as they pertain to graduate students. Audience members will walk away with a better understanding of how to advocate on behalf of the minoritized graduate students in their department. GAIN will take place across four Sundays in September and October; you can find the registration form, schedule, and speaker list on our website: <https://sites.google.com/view/gainconference>”

Johns Hopkins and Bloomberg Create New Program to support HBCU and MSI Students

Johns Hopkins University and Bloomberg Create New Program to support HBCU and MSI Students in Graduate STEM Programs

Johns Hopkins University and Bloomberg are collaborating on the [Vivien Thomas Scholars Initiative](#) to increase participation by HBCU students, and students from Minority Serving Institutions in pursuing graduate STEM degrees.

F-GAP students, Mentors, and Facilitators should look at this program to see if it makes sense for them to apply.

Mathematical Sciences Research Institute Berkeley, CA

MSRI invites applications for Research Professors, Research Members and Postdoctoral Fellows in the following programs: **Floer Homotopy Theory** (August 22 - December 21, 2022), **Analytic and Geometric Aspects of Gauge Theory** (August 22 - December 21, 2022), **Algebraic Cycles, L-Values, and Euler Systems** (January 17 - May 26, 2023) and **Diophantine Geometry** (January 17 - May 26, 2023). Research Professorships are intended for senior researchers who will be making key contributions to a program, including the mentoring of postdoctoral fellows, and who will be in residence for three or more months. Research Memberships are intended for researchers who will be making contributions to a program and who will be in residence for one or more months. Postdoctoral Fellowships are intended for recent PhDs.

MSRI uses MathJobs to process applications. Interested candidates must apply online beginning August 1, 2021. To receive full consideration, applications must be complete, including all letters of support, by the following deadlines: Research Professorships, October 1, 2021; Research Memberships, December 1, 2021; Postdoctoral Fellowships, December 1, 2021. Application information can be found at www.msri.org/application.

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.

MSRI invites applications for the 2022 **Summer Research in Mathematics (SRiM)** program. This program provides space, funding, and the opportunity for in-person collaboration to small groups of mathematicians, especially women and gender-expansive individuals, whose ongoing research may have been disproportionately affected by various obstacles including family obligations, professional isolation, or access to funding. Through this effort, MSRI aims to mitigate the obstacles faced by these groups, improve the odds of research project completion, and deepen their research experience.

The ultimate goal of this program is to enhance the mathematical sciences as a whole by positively affecting the research and careers of all of its participants and assisting their efforts to maintain involvement in the research community.

- Groups of two to six mathematicians with partial results on an established project may submit an application to the program.
- Each member of the group must have a Ph.D. in mathematics or advanced graduate standing. At least one member must be U.S.-based.
- **The visits must take place between June 6, 2022 and July 15, 2022.** Each group may apply to be in residence at MSRI for a minimum of two weeks, though longer visits are possible. All members of the group must be in residence for the duration of the visit.
- Applications will be made through [MathPrograms](#) beginning **August 1, 2021** and require a Project Description and bio-sketch of each group member, as well as additional information (see program website for details). Applicants may only apply as a member of one research group.
- Lodging at UC Berkeley, meals and reimbursement of travel expenses will be provided.
- For participants with children, MSRI will provide funding that makes it possible for the member to fully take part in the program. This may be in the form of lodging and reimbursement of travel expenses for children who accompany the member to Berkeley, plus lodging and travel expenses for a caregiver. It may also take the form of reimbursement of additional expenses incurred if the children stay home, thus allowing the member to attend the program.

The deadline for application will be **November 1, 2021**. Decisions will be announced by **December 15, 2021**. For more information, visit: <https://www.msri.org/web/msri/scientific/summer-research-in-mathematics>.

Support for this program is provided by Priscilla Chou, Microsoft Research, and Kristin Lauter. MSRI has been supported from its origins by the National Science Foundation, now joined by over 100 Academic Sponsor departments, by a range of private foundations, and by generous and farsighted individuals.

Mathematical Sciences Research Institute Berkeley, CA

Call for Program Proposals

The Mathematical Sciences Research Institute invites the submission of proposals for full- or half-year programs to be held at MSRI. Planning of such programs is generally done about three years ahead. Except in extraordinary cases, a subject is the focus of a program not more than once in ten years.

A scientific program at MSRI generally consists of up to nine months of concentrated activity in a specific area of current research interest in the mathematical sciences. MSRI usually runs two programs simultaneously, each with about forty mathematicians in residence at any given time. The most common program length is four months (typically in the form of a Fall or Spring semester program). Each program begins with a Connections for Women workshop and an Introductory workshop, the purpose of which is to introduce the subject to the broader mathematical community. The programs receive administrative and financial support from the Institute, allowing organizers to focus on the scientific aspects of the activities.

The Scientific Advisory Committee (SAC) of the Institute meets in January, May and November each year to consider proposals for programs. **The deadlines to submit proposals of any kind for review by the SAC are March 1, October 1 and December 1.**

Please see our website for specific proposal requirements and further information: www.msri.org/proposal.

MSRI also invites the submission of proposals for Hot Topics workshops and Summer Graduate Schools.

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.

NSF Graduate Research Fellowship Program (GRFP)

Interested students should begin at the [applicant information page](#). The GRFP supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics disciplines who are pursuing research-based master's and doctoral degrees at accredited United States institutions. The program provides up to three years of graduate education support, including an **annual \$34,000 stipend**. Applications for Mathematical Sciences topics are **due October 22, 2021**.

US citizens and permanent residents who are planning to enter graduate school in fall 2022 are eligible (as are those in the first two years of such a graduate program, or who are returning to graduate school after being out for two or more years). The program solicitation [NSF 21-602](#) contains full details. See also the GRFP FAQ document [NSF 21-109](#).

The GRFP awards more than 1,500 new fellowships each year. In the years 2013 through 2021, GRFP awards in the mathematical sciences have been given to more than 760 students who earned baccalaureate degrees from approximately 200 colleges and universities throughout the US. The number of baccalaureate institutions has been growing through the years.

The GRFP also needs qualified faculty reviewers. Review panels are conducted by videoconference. Please see the [reviewer information page](#) and consider registering as a [prospective reviewer](#).



MAA Project NExT

NEW EXPERIENCES IN TEACHING

Launch the NExT stage of your career

The first round of applications for the 2022 cohort of MAA Project NExT has a deadline of **October 15, 2021**. 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, 2021. Those accepting positions during this academic year (to start Fall 2022) may use the second application deadline of **April 15, 2022**.

MAA Project NExT (New Experiences in Teaching) is a year-long professional development program for new or recent PhDs in the mathematical sciences. The program is designed to connect new faculty with expert teachers and leaders in the mathematics community and address the three main aspects of an academic career: teaching, research, and service. Sessions will be held virtually if necessary.

Recent program sessions have included:

- getting your research and grant-writing off to a good start,
- innovative teaching and assessment methods and why they work,
- finding your niche in the profession,
- attracting and retaining underrepresented students,
- balancing teaching, research, and service demands,
- starting an undergraduate research program, and
- preparing for tenure.

MAA Project NExT Fellows join an active community of faculty who have become award-winning teachers, innovators on their campuses, active members of the MAA, and leaders in the profession.

MAA Project NExT welcomes applications from new and recent PhDs in postdoctoral, tenure-track, and visiting positions. We particularly encourage applicants from underrepresented groups, including women and minorities. Applications can be found at projectnext.maa.org.

Project NExTers (Silver '19) at MAA MathFest in Cincinnati.



Application deadline: October 15, 2021
projectnext.maa.org • projectnext@maa.org

PRAIRIE ANALYSIS SEMINAR

Nov. 5-6, 2021

hosted virtually by
Kansas State University

Join us for the 17th annual Prairie Analysis Seminar, hosted online by Kansas State University and University of Kansas' mathematics departments and the National Science Foundation. This yearly analysis meeting further educates and provides an opportunity for scientific exchange and cooperation among analysts.

Register and stay updated at
math.k-state.edu/pas

Contact Virginia Naibo at
vnaibo@k-state.edu with
questions.

PRINCIPAL LECTURER

Malabika Pramanik

University of British Columbia

Presenting: Sets and configurations

INVITED SPEAKERS

María Jesús Carro

Universidad Complutense de Madrid

Presenting: Solving Dirichlet and Neumann problems in Lipschitz Domains at the end-point

David Cruz Uribe

University of Alabama

Presenting: The maximal operator on convex-set valued functions

Time for contributed talks by participants will be allocated, prioritizing graduate students, postdocs and those in the early stages of their careers. Register by Sept. 26 for full consideration of your contributed talk.



MATH ALLIANCE MEMBER INSTITUTION

Tenure-Track Position in Mathematics Announced at the University of Washington

W UNIVERSITY of WASHINGTON The Department of Mathematics in the College of Arts and Sciences at the University of Washington (Seattle) invites applications for a full-time, open-rank tenure-stream position. Candidates will be considered for the Assistant, Associate, or Full Professor rank, either tenure-track or tenured, depending upon experience and qualifications. This position has an anticipated start date of Autumn 2022 and will have a 9-month service period. UW faculty engage in teaching, research, and service. The successful candidate will be expected to teach a full-time load of undergraduate and graduate courses, to engage in mentoring, and to participate in service to the department and the profession.

The Department of Mathematics at the University of Washington is committed to fostering a diverse and inclusive academic community: visit <https://math.washington.edu/diversity-commitment>. We encourage applications from individuals whose backgrounds or interests align with this commitment. Candidates must include a statement in this regard in their application.

Applicants are required to have a PhD, or foreign equivalent, and an established and strong research record in mathematics. The candidate's research must be in geometry, interpreted broadly as the study of manifolds with structure; or topology, including algebraic, geometric, low-dimensional, and/or combinatorial topology.

We seek candidates who are leaders in their field, as demonstrated by their records in publication, mentoring, teaching, diversity, and service. Junior candidates are encouraged to also apply for our [tenure-track assistant professor position](#). Applications should include a cover letter, the American Mathematical Society's Cover Sheet for Academic Employment, a curriculum vitae, statements of research, diversity, and teaching interests, and at least three letters of recommendation. The cover letter should express how the candidate hopes to fit in our department.

Review of applications will begin on November 15, 2021, and continue until the position is filled. We will request letters of recommendation from selected candidates, and once requested, those must be received by November 29, 2021.

If you have additional letters regarding teaching or research that you would like to include with your application, you may do so by uploading them via the "Additional Documents" feature on Interfolio. Candidates must include a diversity statement that addresses their contributions to diversity, equity, and inclusion. This should be a one-to-two-page statement highlighting past contributions and future plans to advance equity, diversity, and inclusion, with attention to how the applicant has supported the success of students from racial, ethnic, and gender backgrounds that are underrepresented in mathematics.

The research, teaching, and diversity statements can be organized in a variety of ways, but each should, at a minimum, communicate the following information:

1. the broad vision and long-term impact that the applicant seeks;
2. concrete examples of prior activities and accomplishments, if any, that showcase the ability of the applicant to achieve their vision;
3. immediate plans and specific strategies for addressing that vision.

The research statement should be written for a broad mathematical audience, so that any mathematician can appreciate the impact of the candidate's work, and preferably is 5–7 pages (plus references).

The teaching statement should discuss past teaching and mentoring experience and plans for improvement and development, and preferably is 1–2 pages. The diversity statement should discuss past contributions and future plans to advance diversity, equity, and inclusion. These contributions could include (but are not limited to):

- Leadership or active roles in DEI-focused organizations, e.g., Math Alliance, SACNAS, NAM, AWM, etc.
- Creating equitable and inclusive environments in an applicant's service, teaching, or organizational efforts (e.g., seminars or conferences)
- Dissemination of materials or guides for creating equitable and inclusive environments
- Intentional mentoring (formal or informal) to students from historically excluded groups

We encourage applicants to provide concrete examples of their contribution(s) as well as a detailed description of the impact of and motivation for those contributions

Please contact Rose Choi (rosechoi@uw.edu) with any questions regarding the search. [Apply Now](#)



MATH ALLIANCE MEMBER INSTITUTION

Tenure-Track Assistant Professor Positions in Mathematics Announced at the University of Washington

W UNIVERSITY of WASHINGTON The Department of Mathematics in the College of Arts and Sciences at the University of Washington (Seattle) invites applications for multiple full-time, tenure-track Assistant Professor positions. These positions have an anticipated start date of Autumn 2022 and will have a 9-month service period. UW faculty engage in teaching, research, and service. The successful candidate will be expected to teach a full-time load of undergraduate and graduate courses, to engage in mentoring, and to participate in service to the department and the profession.

The Department of Mathematics at the University of Washington is committed to fostering a diverse and inclusive academic community: visit <https://math.washington.edu/diversity-commitment>. We encourage applications from individuals whose backgrounds or interests align with this commitment. Candidates must include a statement in this regard in their application.

Applicants are required to have a PhD, or foreign equivalent, and an established and strong research record in mathematics.

Applications should include a cover letter, the American Mathematical Society's Cover Sheet for Academic Employment, a curriculum vitae, statements of research, diversity, and teaching interests, and at least three letters of recommendation. The cover letter should express how the candidate hopes to fit in our department.

Review of applications will begin on October 15, 2021, and continue until the position is filled.

Letters of recommendation must be received by October 25, 2021. If you have additional letters regarding teaching or research that you would like to include with your application, you may do so by uploading them via the "Additional Documents" feature on Interfolio.

Candidates must include a diversity statement that addresses their contributions to diversity, equity, and inclusion. This should be a one-to two-page statement highlighting past contributions and future plans to advance equity, diversity, and inclusion, with attention to how the applicant has supported the success of students from racial, ethnic, and gender backgrounds that are underrepresented in mathematics. Applicants who have not yet had the opportunity for such experience should address their plans and how they will achieve them, and they should also address the reasons why they may not have been able to take advantage of opportunities for such work in the past. The research, teaching, and diversity statements can be organized in a variety of ways, but each should, at a minimum, communicate the following information:

1. the broad vision and long-term impact that the applicant seeks;
2. concrete examples of prior activities and accomplishments, if any, that showcase the ability of the applicant to achieve their vision;
3. immediate plans and specific strategies for addressing that vision.

The research statement should be written for a broad mathematical audience, so that any mathematician can appreciate the impact of the candidate's work, and preferably is 5–7 pages (plus references).

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- Leadership or active roles in DEI-focused organizations, e.g., Math Alliance, SACNAS, NAM, AWM, etc.
- Creating equitable and inclusive environments in an applicant's service, teaching, or organizational efforts (e.g., seminars or conferences)
- Dissemination of materials or guides for creating equitable and inclusive environments
- Intentional mentoring (formal or informal) to students from historically excluded groups

We encourage applicants to provide concrete examples of their contribution(s) as well as a detailed description of the impact of and motivation for those contributions.

Please contact Rose Choi (rosechoi@uw.edu) with any questions regarding the search. [Apply Now](#)



MATH ALLIANCE MEMBER INSTITUTION

Tenure-Track Assistant Professor Position in Mathematics Announced at Georgia State University

The Department of Mathematics and Statistics at Georgia State University invites applications to fill a tenure-track Assistant Professor position in Applied or Computational Mathematics or Bioinformatics with a start date of August 2022.

Candidates in all areas of applied mathematics and bioinformatics are encouraged to apply. At time of appointment, applicants should have a PhD in Mathematics, Applied or Computational Mathematics, or closely related field. Preference will be given to candidates with postdoctoral experience. Candidates will be expected to demonstrate a commitment to excellence in research and teaching, as well as mentoring undergraduate and graduate students of diverse backgrounds, and have a strong desire to work in a cross-disciplinary, collaborative environment.

The Department offers B.S., M.S., and Ph.D. degrees in various areas of mathematics and statistics. Faculty members in the Department established nationally and internationally recognized research programs in both pure and applied mathematics and statistics, including applied algebra, dynamical systems, complex networks, machine learning, inverse problems, mathematical biology, computational mathematics, systems biology, modeling neural, cardiovascular, and multiorgan systems, physical and biomedical image analysis, as well as in collaboration with other GSU departments in epidemiology, pathogen genetics, immunology, and inflammation, and translational biomedical sciences. For more information please visit our website at <https://www.mathstat.gsu.edu/>.

GSU, the largest university in Georgia, is an enterprising urban research university located in downtown Atlanta and home to one of the most diverse student bodies in the country. It is a national leader in applying innovative measures to drive student success and research growth. Georgia State University is committed to diversifying its faculty and generating innovative research. We strongly encourage applications from members of underrepresented groups.

Applicants should submit: 1) a cover letter outlining qualifications and research interests, 2) a curriculum vitae with a publication list and (optional) a teaching and funding list, 3) a research statement, and 4) a teaching statement with evidence of teaching effectiveness. All materials should be submitted online at <http://www.mathjobs.org>. Applicants should also arrange for three letters of recommendation to be submitted online at <http://www.mathjobs.org>.

A formal review of applications will begin on November 15, 2021, and will continue until the position is filled.

An offer of employment will be conditional upon background verification. Georgia State University is an Equal Opportunity Employer and does not discriminate against applicants due to race, ethnicity, gender, veteran status, or on the basis of disability or any other federal, state, or local protected class.



MATH ALLIANCE MEMBER INSTITUTION

Tenure-Track Position in Mathematics Announced at University of Alabama

The Department of Mathematics at The University of Alabama invites applications for one tenure-track position at the Assistant or Associate Professor level in algebra and related fields, beginning on August 16, 2022. The department is seeking applicants in any area of pure, applied, and interdisciplinary algebra.

The University of Alabama is a student-centered research university. The successful candidate is expected to develop a strong research program and to pursue external funding and should be committed to providing stellar education to undergraduate and graduate students. In addition, the candidate should be committed to supervising undergraduate research and graduate dissertations. Candidates must possess a doctoral degree in mathematics or a very closely related field by August 16, 2022.

Applicants should complete the online application at <https://facultyjobs.ua.edu>. The application should include a letter of application, a current curriculum vita, a research statement, a teaching statement, and three letters of recommendation (one of which concerns teaching). The recommendation letters should be submitted electronically through MathJobs (www.mathjobs.org) or should be sent electronically to: math@ua.edu.

Applications will be reviewed on an ongoing basis starting November 1, 2021 and will continue to be accepted until the position is filled.

The University of Alabama is an Equal Opportunity/Affirmative Action employer and actively seeks diversity among its employees. We especially seek applications from candidates who have followed a non-traditional educational path, who would bring a diversity of background, experience and viewpoint to the department, and who have demonstrated an ability to teach, mentor and recruit diverse groups.



MATH ALLIANCE MEMBER INSTITUTION

Two Tenure-Track Positions in Statistics Announced at University of Michigan



The Department of Statistics at the University of Michigan, Ann Arbor, invites applications for two opportunities, to start on August 30, 2022. One is a tenure-track assistant professor position, although exceptional candidates at higher ranks may be considered subject to additional approval from the administration. The second opportunity is to apply through [the LSA Collegiate Fellows program](#) for those eligible (see website for details); a tenure-track assistant professor offer can be made concurrently with a fellowship offer. We strongly encourage eligible applicants to apply for both positions.

A Ph.D. in statistics or a related field is required. Applicants in all research areas of statistics and data science who have demonstrated outstanding research potential, excellence in teaching and commitment to diversity will be considered. For the collegiate fellow position, we especially encourage applications in the area of fairness in machine learning.

To apply, submit your curriculum vitae, a statement of current and future research plans, a statement of teaching philosophy and experience, evidence of teaching excellence, a statement demonstrating your commitment to diversity, equity, and inclusion, up to three selected publications, and arrange for three recommendation letters to be sent directly. Apply directly to the Assistant Professor position on mathjobs.org (also upload your academic transcript) and to the Collegiate Fellow position on <https://lsa.umich.edu/ncid/fellowships-awards/lsa-collegiate-postdoctoral-fellowship.html> (also upload your dissertation abstract, and limit selected publications to one).

Assistant professor position is a university-year (9 months) appointment.

Application deadline for both positions is November 1, 2021.

We strongly encourage all qualified individuals and particularly women and minorities to apply. The University of Michigan is supportive of the needs of dual career couples and is an equal opportunity/affirmative action employer.



MATH ALLIANCE MEMBER INSTITUTION

Tenure-Track Position in Mathematics Announced at North Carolina State University

NC STATE UNIVERSITY

The Department of Mathematics at North Carolina State University seeks applications from highly qualified individuals for a junior tenure-track faculty position, to begin Fall 2022. Applications from suitably qualified candidates for more senior positions will be considered. Individuals from all areas of mathematics compatible with the research interests of current faculty are encouraged to apply.

Candidates must have a PhD in mathematics, applied mathematics, or a related area; post-doctoral experience; strong research record; and commitment to excellence in teaching at the undergraduate and graduate level. Inclusiveness and diversity are critical to the success of the Department of Mathematics, the College of Sciences, and NC State University (<https://math.sciences.ncsu.edu/about>). We welcome applicants committed to promoting diversity, equity, and inclusion and fostering an environment that is supportive and welcoming of all students, faculty, and staff.

Applications should be submitted electronically at <http://www.mathjobs.org/jobs/ncsu>, and must include:

- Curriculum vitae
- Research statement
- Teaching statement
- Statement on diversity and inclusion
- At least three letters of recommendation

For questions concerning the position, contact [Dr. Kailash Misra](#) or [Dr. Ralph Smith](#).

Applications received by October 15, 2021 will be given full consideration.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148.



MATH ALLIANCE MEMBER INSTITUTION

Postdoc Position in Mathematics Announced at North Carolina State University

NC STATE UNIVERSITY

The Department of Mathematics at North Carolina State University has an open postdoctoral position under its NSF funded Research Training Group RTG, DMS-1745654 in Randomized Numerical Analysis. The position is restricted to US citizens, nationals and permanent residents. The postdoctoral associate must hold a PhD in mathematics or a closely related discipline awarded after January 1, 2021 and the applicant should not have any prior postdoc appointments. An exception to this rule, occasioned for instance by a career interruption, may be requested in the cover letter.

The postdoctoral associate is expected to engage in research related to at least one of the three complementary research thrusts of the project in randomized numerical linear algebra, random nonlinear solvers, and global sensitivity analysis. Based on background, strengths and interests, the postdoc will be assigned one research mentor from the faculty associated with the RTG: Alen Alexanderian, Mohammad Farazmand, Pierre Gremaud, Mansoor Haider, Ilse Ipsen, Hangjie Ji, Tim Kelley, Arvind Saibaba, Ralph Smith, and Fatma Terzioglu. An academic mentor will be chosen from this group to oversee the postdoc's training and professional development. The postdoc will also play a leading role in mentoring students associated with some of the project's working groups; they will be expected to assist in organizing seminars and activities related to the general research of the RTG. In addition, the postdoc will teach on average one course per semester in the Department of Mathematics.

Inclusiveness and diversity are critical to the success of the College of Sciences and the University. The selected candidate will be expected to foster an environment that is supportive and welcoming to all groups. This position is for a term of up to three years, contingent upon performance. The starting date is anticipated between March and August 2022. The 11 month salary of \$62,500 includes summer support. In addition, the postdoc will be given an annual travel budget of \$3,000.

Through the [mathjobs.org](https://www.mathjobs.org) system (<https://www.mathjobs.org/jobs/list/18060>), applicants should submit a cover letter, a CV, a research statement and the names of at least three potential letter writers. Women and members of under-represented minority groups are particularly encouraged to apply. Applications will be evaluated on a rolling basis until the position is filled; please apply as soon as possible. Inquiries may be directed to Pierre Gremaud (RTG Director): gremaud@ncsu.edu.

The deadline for full consideration is November 15, 2021, although later applications will be considered as resources permit.



MATH ALLIANCE MEMBER INSTITUTION

Tenure-Track Position in Probability Announced at North Carolina State University

NC STATE UNIVERSITY

The Department of Mathematics at North Carolina State University invites applications for a junior tenure-track position beginning Fall 2022. Applications from suitably qualified candidates for more senior positions will be considered. We are seeking exceptionally well-qualified individuals with research interests in the general area of probability theory and the theory of stochastic processes. Among the areas of interest are basic probability theory, analysis of stochastic processes, as well as the theoretical foundations of application areas such as stochastic differential equations, stochastic control, high-dimensional statistics, stochastic games, stochastic optimization, information theory, and theoretical data analysis.

Candidates must have a PhD in mathematics, applied mathematics, or a related area; post-doctoral experience; strong research record; and commitment to excellence in teaching at the undergraduate and graduate level. Inclusiveness and diversity are critical to the success of the Department of Mathematics, the College of Sciences, and NC State University (<https://math.sciences.ncsu.edu/about>). We welcome applicants committed to promoting diversity, equity, and inclusion and fostering an environment that is supportive and welcoming of all students, faculty, and staff.

Applications should be submitted electronically at <http://www.mathjobs.org/jobs/ncsu>, and must include:

- Curriculum vitae
- Research statement
- Teaching statement
- Statement on diversity and inclusion
- At least three letters of recommendation

For questions concerning the position, contact Dr. Patrick Combettes at plc@math.ncsu.edu.

Applications received by October 8, 2021 will be given full consideration.

Information and university posting for this position is located at <https://jobs.ncsu.edu/postings/145405>.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148.



Applications Open for
**AMS CONGRESSIONAL
FELLOWSHIP 2022–2023**

Apply your mathematics knowledge toward solutions to societal problems.

The American Mathematical Society will sponsor a Congressional Fellow from September 2022 through August 2023.

The Fellow will spend the year working on the staff of either a member of Congress or a congressional committee, working in legislative and policy areas requiring scientific and technical input.

The Fellow brings his/her/their technical background and external perspective to the decision-making process in Congress. Prospective Fellows must be cognizant of and demonstrate sensitivity toward political and social issues and have a strong interest in applying personal knowledge toward solutions to societal problems.

Now in its 17th year, the AMS Congressional Fellowship provides a unique public policy learning experience, and demonstrates the value of science–government interaction. The program includes an orientation on congressional and executive branch operations, and a year-long seminar series on issues involving science, technology, and public policy.

Applicants must have a PhD or an equivalent doctoral-level degree in the mathematical sciences by the application deadline (February 1, 2022). Applicants must be U.S. citizens. Federal employees are not eligible.

The Fellowship stipend is US\$93,013 for the Fellowship period, with additional allowances for relocation and professional travel, as well as a contribution toward health insurance.

Applicants must submit a statement expressing interest and qualifications for the AMS Congressional Fellowship as well as a current curriculum vitae. Candidates should have three letters of recommendation sent to the AMS by the February 1, 2022 deadline.

For more information and to apply, please go to www.ams.org/ams-congressional-fellowship.

Deadline for receipt of applications: **February 1, 2022**

“In my fellowship year I gained first-hand experience of Congress as well as new connections across the government through social activities, networking and professional development. As a mid-career Fellow, I was able to apply expertise from many areas of my professional life to behind-the-scenes work supporting Senate politics and policy. I wish more people could experience how the government works, which doesn’t always resemble what you learn from the news.”

—Rachel Levy, AMS Congressional Fellow 2020–2021

Tenure-Track Position in Mathematics at Carleton University



Carleton

The Carleton College Department of Mathematics and Statistics anticipates hiring for a tenure-track position in Mathematics at the Assistant Professor level to begin September 1, 2022. 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 approximately 2,000, located in the historic and thriving town of Northfield, Minnesota. We are in commuting distance of the Twin Cities of Minneapolis and St. Paul, whose greater metro area has a diverse population of three million people and a rich variety of cultural resources. Our academic year consists of three ten-week terms. The seventeen-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 have a demonstrated commitment to attracting and retaining students from underserved groups and who will contribute to our vibrant college-wide culture of undergraduate research. For further information about the department consult the Carleton mathematics and statistics website at <https://www.carleton.edu/math/>.

Applicants should submit 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 how you would contribute to a college community that embraces a diversity of people and perspectives as one of its core values, 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.

Electronic submission through MathJobs is strongly preferred but materials may be mailed to Math Search, Department of Mathematics and Statistics, Carleton College, 1 N College St., Northfield, MN 55057-4001. Inquiries may be emailed to mathsearch@carleton.edu.

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 groups underrepresented in mathematics are strongly encouraged to apply.

To ensure full consideration, all application materials should be received by November 8, 2021.

Two Tenure-Track Positions in Mathematics Announced at Grinnell College



Grinnell College

The Department of Mathematics and Statistics invites applications for two tenure-track appointments in mathematics or applied mathematics beginning Fall 2022. Assistant Professor (Ph.D.) preferred; Instructor (ABD or foreign equivalent) or Associate

Professor possible. We encourage candidates with teaching and research interests in any field of mathematics (applied or pure) to apply.

Founded in 1846, Grinnell enrolls approximately 1,700 students who come from across the United States and from 45 countries around the world. Grinnell is widely viewed as an institution of the first rank among the nation's small liberal arts colleges, with an excellent faculty, rigorous curriculum, and a consistently accomplished and diverse student body. Its location in the nation's heartland, its global reach, and its passionate and driven students, faculty, staff, alumni, and trustees make it a unique and exciting place to work.

All mathematics faculty teach courses across the undergraduate math curriculum. Our engaged and diverse majors go on to a wide variety of professions as well as graduate school in various fields (the department ranks 20th in the country, adjusted for institutional size, in the production of students who go on to earn PhDs). Grinnell provides excellent support for research with students, and generous funds for faculty development and travel.

Grinnell College is a highly selective undergraduate liberal arts college with a strong tradition of social responsibility. In letters of application, candidates should discuss their potential to contribute to a college community that maintains a diversity of people and perspectives as one of its core values; in particular, candidates should address ways in which they can help all students, especially students from underrepresented backgrounds, feel like they belong to the Grinnell learning community.

To be assured of full consideration, all application materials should be received by October 24, 2021.

Please visit our application website at <https://jobs.grinnell.edu> to find more details about the job and submit applications online. Candidates will need to upload a letter of application, curriculum vitae, transcripts (copies are acceptable), a teaching statement, a research statement which discusses conducting research in an undergraduate college setting and involving undergraduate students in research, and provide email addresses for three references. At least one letter of reference should include information about the candidate's teaching. Questions about this search should be directed to the search chair, Professor Karen Shuman, at MathematicsSearch@grinnell.edu or 641-269-3172.

Grinnell College is committed to establishing and maintaining a safe and nondiscriminatory educational environment for all College community members. It is committed to a policy of nondiscrimination in matters of admission, employment, and housing, and in access to and participation in its education programs, services, and activities. The college does not discriminate on the basis of race, color, ethnicity, national origin, age, sex, gender, sexual orientation, gender identity or expression, marital status, veteran status, pregnancy, childbirth, religion, disability, creed, or any other protected class.

An offer for this position will be contingent on successful completion of a background check.

Two Tenure-Track Positions in Statistics Announced at Grinnell College



The Department of Mathematics and Statistics invites applications for two tenure-track appointments in Statistics, one with emphasis in Data Science, beginning Fall 2022. Assistant Professor (Ph.D. in Statistics, Data Science, or related discipline) preferred; Instructor (ABD or foreign equivalent) or Associate Professor possible. Grinnell enrolls approximately 1,700 students who come from across the United States and from 45 countries around the world. Grinnell is widely viewed as an institution of the first rank among the nation's small liberal arts colleges, with an excellent faculty, rigorous curriculum, and a consistently accomplished and diverse student body. Its location in the nation's heartland, its global reach, and its passionate and driven students, faculty, staff, alumni, and trustees make it a unique and exciting place to work.

Statistics faculty teach courses across the undergraduate statistics and data science curriculum within an environment founded on a strong advising system and close student-faculty interaction. With generous funds for faculty development, travel and research with students, our department strives to develop teacher-scholars that engage students interested in a wide variety of professions as well as graduate school in various fields.

Grinnell College is a highly selective undergraduate liberal arts college with a strong tradition of social responsibility. In letters of application, candidates should discuss their potential to contribute to a college community that maintains a diversity of people and perspectives as one of its core values; in particular, candidates should address ways in which they can help all students, especially students from underrepresented backgrounds, feel like they belong to the Grinnell learning community.

To be assured of full consideration, all application materials should be received by November 1, 2021.

Please visit our application website at <https://jobs.grinnell.edu> to find more details about the jobs and to submit applications online. Candidates will need to upload a letter of application, a teaching statement, a research statement which discusses conducting research in an undergraduate college setting and involving undergraduate students in research, a curriculum vitae, transcripts (copies are acceptable), and provide email addresses for three references. At least one reference should address the candidate's teaching. Questions about this search should be directed to the search chair, Professor Shonda Kuiper, at StatsSearch@grinnell.edu or 641-269-3172.

We use E-Verify to check employment eligibility of our new hires. E-Verify is an Internet-based system operated by the Department of Homeland Security (DHS) and the United States Citizenship and Immigration Services (USCIS). The system allows employers like Grinnell College to verify the employment eligibility of its employees, regardless of citizenship. Based on the information provided on Form I-9, E-Verify confirms this information with DHS and Social Security Administration (SSA) records.

Grinnell College is committed to establishing and maintaining a safe and nondiscriminatory educational environment for all College community members. It is committed to a policy of nondiscrimination in matters of admission, employment, and housing, and in access to and participation in its education programs, services, and activities. The college does not discriminate on the basis of race, color, ethnicity, national origin, age, sex, gender, sexual orientation, gender identity or expression, marital status, veteran status, pregnancy, childbirth, religion, disability, creed, or any other protected class.

Offers for these positions will be contingent on successful completion of a background check.

Assistant Professor Positions in Mathematics Announced at Loyola University Chicago

The Department of Mathematics and Statistics, Loyola University Chicago (LUC) invites applicants for several Assistant Professor positions in Mathematics and Applied Mathematics. LUC has consistently provided transformative education in the Jesuit tradition and maintained a commitment to social justice.

These searches seek outstanding researchers and teachers who reflect our diverse student body, as well as our commitment to interdisciplinarity and the pursuit of external grants. Of special interest are candidates who can further LUC's efforts to foster diversity, equity, and inclusion. The department has over 35 full-time faculty members and several active research groups.

We serve over 400 majors and minors across 7 undergraduate programs in mathematics, statistics and data science, and 2 master's programs. All positions require a Ph.D. in an area of mathematics at the time of appointment.

Detailed position descriptions and application instructions can be found at <http://mathjobs.org>.

Tenure-Track Assistant Professor Position in Geometry Announced at Boston University



The Department of Mathematics and Statistics at Boston University invites applications for a tenure-track Assistant Professor position in the field of Geometry, Ph.D. required. Applications in all areas of geometry are encouraged, including quantum field theory and other fields at the interface of modern theoretical physics. Our Department is committed to building and sustaining a diverse and cohesive community of scholars. In addition to describing their commitment to research and teaching at both the undergraduate and graduate level, we particularly encourage applicants to indicate how they can meaningfully contribute to an equitable and inclusive community in our department.

Submit cover letter, CV, research statement, teaching statement, and four recommendation letters (one of which addresses teaching) on-line to mathjobs.org.

Application deadline: December 1, 2021. The appointment start date is July 1, 2022.

We welcome applications from all eligible candidates without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. Boston University is an equal opportunity employer and a VEVRA Federal Contractor.

Tenure-Track Assistant Professor Position Announced at the University of North Carolina at Charlotte

Applications are invited for a tenure-track position at the assistant professor level in statistics or mathematics at the University of North Carolina at Charlotte starting August, 2022. Required qualifications include a Ph.D. degree or equivalent in statistics, biostatistics, financial statistics, applied statistics, or other relevant areas of mathematics; a strong research interest in data science; a commitment to establishing a productive research program; and a commitment to excellence in teaching at the undergraduate and graduate levels and to building a culturally diverse work, research, and teaching environment. This position is part of the department's effort to support the data science program at UNC Charlotte. Therefore, preference will be given to applicants with expertise and experience in computational statistics and data science broadly speaking, including areas of statistics and mathematics that overlap with recent trends in data science; a strong commitment to interdisciplinary research and commensurate experience; and potential for external funding.

Applications must be made electronically at <https://jobs.charlotte.edu> (position number 006583) and must include a letter of interest that addresses the requirements for the position; a curriculum vitae; a statement of research plans (part of which must be a statement stating previous experience or plan for interdisciplinary research); a statement of teaching experience, philosophy, and interests; a statement of diversity addressing demonstrated commitment to building a culturally diverse work, research, and teaching environment; copies (either official or unofficial) of graduate transcripts; and contact information for at least three (3) professional references. All candidates are subject to a background check. **Evaluations of applications will commence on October 18, 2021 and will continue until the position is filled.**

The Department of Mathematics and Statistics at UNC Charlotte has 40 primary faculty members, more than 250 undergraduate and 70 graduate students. The Department offers a doctoral program with concentrations in applied mathematics and statistics. The department also offers two master's programs in mathematics and mathematical finance and offers a variety of undergraduate concentrations leading to the Bachelor of Arts and Bachelor of Science degrees in mathematics.

As the largest and most diverse college at UNC Charlotte, the College of Liberal Arts & Sciences houses 21 departments in the humanities, social and behavioral sciences, natural sciences and mathematics, and military sciences, as well as 28 applied research centers and interdisciplinary programs. With its 35 graduate degrees and 78 undergraduate degree options, the College is connected to the world and its concerns, and is particularly supportive of the greater Charlotte region. The University of North Carolina at Charlotte is a doctoral, research-intensive urban university, located on an expanding modern campus. The second largest of the 16 UNC System campuses, UNC Charlotte offers more than 30,000 culturally and ethnically diverse students a wide range of undergraduate and graduate degree programs. The University is a Carnegie Foundation Community Engagement campus and an APLU Innovation and Economic Prosperity University. It supports faculty with excellent family and medical leave policies, junior faculty development awards, internal faculty research grant opportunities, and other research opportunities. Charlotte offers a dynamic space to live, work and connect for faculty, students, alumni, and staff, with its outstanding cultural, recreational, and business amenities. As the 15th largest U.S. city, Charlotte is consistently ranked one of the best cities to live (#20 by U.S. News & World Report.).

The School of Data Science (SDS) is an interdisciplinary unit with more than 80 faculty associated with 21 departments and is governed by four colleges including the College of Liberal Arts & Sciences, the College of Computing and Informatics, the Belk College of Business, and the College of Health and Human Services. SDS offers three academic programs, extensive collaborative research, and a data and compute infrastructure for researchers.

UNC Charlotte is an affirmative action, equal opportunity employer. UNC Charlotte is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities. The Department of Mathematics and Statistics seeks to recruit and retain a diverse workforce as a reflection of our commitment to maintain the excellence of the University, and to offer our students richly varied disciplines, perspectives and ways of knowing and learning. Finalists will be asked to discuss the importance of the values of diversity and inclusion for our college and departments, and how the topics of diversity and inclusion are incorporated into and influence their teaching, research, and service.

Teaching Scholar Track Faculty Position in Biostatistics Announced at Brown University



BROWN

School of Public Health

The Department of Biostatistics at Brown University School of Public Health is seeking exceptional candidates with demonstrated commitment to statistical and health data science education and research for a new faculty position on the Teaching Scholar track. This appointment will be made at the level of Assistant Professor on a renewable term basis. In addition to classroom teaching and student mentoring, the new faculty member will be expected to participate in and potentially lead initiatives related to building a statistical and health data science education program, and to develop and use innovative approaches to statistical and interdisciplinary education.

Candidates must have a doctoral degree in biostatistics, statistics, data science or a closely related field and demonstrated excellence or potential in classroom teaching and student advising, together with interest and potential for engaging in statistical and interdisciplinary research. Experience in multidisciplinary educational programs is preferred. All candidates must show evidence of excellent oral and written communication skills and a commitment to fostering and maintaining an inclusive, diverse and equitable educational environment. The Department of Biostatistics is strongly committed to goals and principles of the Brown University Pathways to Diversity and Inclusion initiative (<https://diap.brown.edu/plans-reports>).

The new faculty member will join the Biostatistics faculty in the Brown University School of Public Health. The department is actively engaged in methodologic and domain-area research in a variety of areas, with particular strength in the analysis of large health care databases, causal inference, Bayesian inference, diagnostic imaging evaluation and radiomics, computational biology, research synthesis, and neuroimaging. The Department is expanding its activities in research and education related to health data science and is an active member of the university's Data Science Initiative. The Department teaches a growing number of students at the undergraduate, Master's, and PhD levels. The master's program includes a health data science track. The Brown School of Public Health and the broader University offer opportunities for substantial collaboration with world class researchers in the constituent disciplines of data science as well as in a broad range of domain areas, such as health care and policy research, brain sciences, computational biology, epidemiology and behavioral sciences.

Brown University is committed to fostering a diverse and inclusive academic global community; as an EEO/AA employer, Brown considers applicants for employment without regard to, and does not discriminate on the basis of, race, color, sex, age, national or ethnic origin, disability, veteran status, sexual orientation, gender identity, gender expression, or any other characteristic protected under applicable law.

Interested applicants should apply online at <https://apply.interfolio.com/89452>. Please upload the following: letter of application, a statement on your teaching experiences, values and vision, a description of current and planned research, a diversity statement, and an updated curriculum vitae. In addition, candidates should arrange for at least three letters of recommendation to be submitted through Interfolio. Brown University is committed to increasing diversity and inclusion of underrepresented groups. In your diversity statement, please address how your past and present work demonstrates a commitment to diversity, equity and inclusion, and how you intend to continue your commitment to diversity in future work. We value the different ways this might be demonstrated through scholarship, teaching, mentoring, service and community engagement.

Application review will start shortly following the December 31, 2021 application deadline. All applications received by December 31st will receive full consideration. Applications received after the priority deadline may be reviewed until the position is filled or the search is closed. Application questions should be addressed to Denise Arver, Administrator, Department of Biostatistics, at Denise_Arver@brown.edu.

Tenure-Track Position in Mathematics Announced at Reed College

The Reed College Mathematics Department invites applications for a tenure track faculty position in mathematics, to begin August 2022. Applicants should have completed their PhD dissertation in mathematics or applied mathematics by time of appointment. An Equal Opportunity Employer, Reed values diversity and encourages applications from members of underrepresented groups.

Applications must be submitted through the [MathJobs.org](https://www.mathjobs.org) website at <https://www.mathjobs.org/jobs/list/18077> and should include:

- a cover letter addressing how your teaching and scholarship are suited to the liberal arts college environment,
- a CV,
- a teaching statement,
- a research statement, and
- three letters of recommendation, at least one of which addresses teaching.

We are seeking candidates with a strong research program who are able to effectively engage undergraduates from a wide range of backgrounds in research. The successful candidate is expected to teach the equivalent of five semester courses over the academic year and to supervise senior theses. The senior thesis is a cornerstone of the Reed College academic experience. It is a year-long project, required of every student, which culminates in a written document and an oral defense. Applicants are encouraged to suggest potential thesis projects and to describe their past experience mentoring student research.

Reed College is a community that values cultural diversity and inclusive educational practices as essential to the excellence of our academic program. Throughout your application materials, please describe the ways in which your past and current teaching, scholarship, mentorship, and/or community service has supported these values. Alternatively, you may include a separate statement regarding your efforts to support these values. In either case, please convey the ways in which your work at Reed will support the commitment to diversity, equity, and inclusion articulated in the College's diversity and anti-racism statements (<http://www.reed.edu/diversity/>).

Applications will be accepted until the position is filled, but they should be received by **November 24, 2021** to guarantee full consideration. Any questions may be directed to the chair of the search committee, Kyle Ormsby, at ormsbyk@reed.edu.

Tenure-Track Assistant Professor in Statistics Position Announced at Mount Holyoke College



The Mount Holyoke College Department of Mathematics and Statistics, which has offered a major in statistics since 1986, invites applications for a tenure-track position in statistics at the Assistant Professor level to begin Fall 2022.

Qualifications include a doctorate in statistics or a related field (completed or anticipated by Fall 2022), a commitment to teaching and scholarship in a liberal arts environment, and evidence of classroom effectiveness. A well-established candidate at the Associate Professor level will also be considered.

Mount Holyoke College is an institution that values excellence in both research and teaching. We seek a candidate with a sustainable research program and an active interest in work with undergraduates on statistical research projects. The successful candidate will also have a demonstrated commitment to or potential for strong teaching at the undergraduate level including mentoring students who are broadly diverse with regard to race, ethnicity, socioeconomic status, gender, nationality, sexual orientation, and religion. Candidates from all fields of statistical methodology and areas of application will be considered. Members of the department are active in both research and curriculum development and teach two courses per semester. Mount Holyoke College is a member of the Five College Consortium, which encourages and facilitates collaboration among its members. Statistics faculty and students across the consortium regularly meet to share research and curricular initiatives.

Electronic submission of application materials through <http://www.mathjobs.org> is required. A completed application should include a cover letter addressing your interest in Mount Holyoke College, a CV, and three statements concerning (1) teaching practices, (2) research interests, and (3) a statement that addresses experience with or commitment to teaching and mentoring a diverse student body. Applicants should also arrange to have three letters of reference submitted on their behalf. At least one letter should comment specifically on your teaching.

Though applications will be accepted until the position is filled, please submit by October 22, 2021 to receive full consideration.

For further information about the department go to <http://www.mtholyoke.edu/acad/math/>. For further information you may contact the search chair Margaret Robinson, email: robinson@mtholyoke.edu.

Mount Holyoke is an undergraduate liberal arts college for women with 2,200 students and 220 faculty. Over half the faculty are women; one-fourth are persons of color. Mount Holyoke College is located about 90 miles west of Boston in the Connecticut River valley, and is a member of the Five College Consortium consisting of Amherst, Hampshire, Mount Holyoke, and Smith Colleges and the University of Massachusetts.

Mount Holyoke College is a women's college that is gender diverse. The College is committed to providing equal access and opportunity in employment and education to all employees and students. In compliance with state and federal law, Mount Holyoke College does not discriminate on the basis of race, ethnicity, color, genetic information, sex, national or ethnic origin, religion, age, physical or mental disability, marital status, sexual orientation, pregnancy, gender identity or expression, ancestry, veteran or military status, or any other legally protected status under federal, state or local law. The College does not discriminate on the basis of gender in the recruitment and admission of students to its graduate program.

All offers of employment are contingent upon the finalist successfully passing a background (including criminal records) check..

Tenure-Track Position in Mathematics or Statistics Announced at Loyola Marymount University



**Loyola
Marymount
University**

The Mathematics Department of Loyola Marymount University invites applications for a tenure-track or tenured position at open rank beginning Fall 2022. Applicants are expected to have completed a Ph.D. or comparable terminal degree in mathematics, statistics, or a related field by August 15, 2022. Faculty responsibilities include teaching, advising, maintaining an active program of scholarship, and engaging in university service. The environment in the Department offers many opportunities for collaborative research, teaching, and service that actively inform and improve equity and social justice. Additional information about the LMU Mathematics Department is available online at cse.lmu.edu/department/math.

Teaching and Advising: The Mathematics Department, housed within Loyola Marymount University's College of Science and Engineering, is an inclusive community of 19 full-time faculty members and approximately 60 mathematics majors, 40 minors, and 15 Master of Arts in Teaching students. The successful candidate will teach math and/or statistics courses in the Department of Mathematics, which is particularly interested in de-colonizing its curriculum and pedagogy. The teaching load is 9 units per semester, with the possibility of a reduced teaching load in the first two years.

The Mathematics Department is committed to broadening the participation of students in STEM fields by enacting an anti-racist agenda, fostering equitable and inclusive classroom spaces, and increasing access to faculty-mentored research opportunities. A commitment to Diversity, Equity and Inclusion (DEI), including how it pertains to student success and pedagogy, should be evident in the candidate's professional activities.

Scholarship: The Department values and recognizes multiple forms of scholarship, including that related to STEM education reform and diversity, equity, and inclusion in pedagogy. The Department plans to continue drawing upon an ever-expanding broad range of faculty interests and talents and to promote vital connections with a wide variety of academic communities.

Service Toward Broadening Participation: The Mathematics Department would like to deepen and expand its commitment to improving equity, diversity, and inclusion in STEM fields by diversifying the curriculum, fostering a diverse and anti-racist community, creating, and maintaining inclusive learning environments, and offering mentorship to students from multiple backgrounds. A successful candidate must be prepared to collaborate with the department on these issues and have the potential to provide direction and leadership for some of the initiatives that arise from this collaboration.

Salary is competitive and commensurate with background and experience. LMU provides comprehensive benefit offerings and robust support for faculty. For more information about our programs visit admin.lmu.edu/hr/totalrewards/benefits and academics.lmu.edu/ofd/newfacultyorientation which links to the latest Faculty Resource Guide. Loyola Marymount University, a Carnegie classified R2 institution in the mainstream of American Catholic higher education, seeks outstanding applicants who value its mission and share its commitment to inclusive excellence, the education of the whole person, and the building of a just society. LMU is an equal opportunity employer committed to providing an environment free from discrimination and harassment as defined by federal, state, and local law. We invite all persons in the full diversity of their being, life experience, and beliefs to apply. Please read more about our commitments and our efforts at <https://resources.lmu.edu/officeofinterculturalaffairs/>.

A complete application consists of a cover letter; curriculum vitae; statement describing your commitment and contributions toward greater diversity, equity, inclusion, and anti-racism in your career; statement on teaching experience and philosophy; a description of the applicant's current and future scholarship program, and three letters of recommendation, at least one of which addresses the applicant's teaching. **Screening of applications will begin November 15, 2021.** Apply online at mathjobs.org. Please address questions to Professor Edward Mosteig, Hiring Committee Chair, at Edward.Mosteig@lmu.edu.

Tenure-Track Assistant Professor Position in Statistics Announced at Smith College



The Program in Statistical & Data Sciences and the Department of Mathematics & Statistics at Smith College jointly invite applications for a tenure-track position at the rank of Assistant Professor, to begin July 1, 2022. Ph.D. in Statistics, or a closely-related discipline is expected by the time of appointment. Candidates from groups underrepresented in STEM are encouraged to apply. This position is part of a new cohort of four tenure-track positions in applied mathematics, statistics, and data science.

The position has a teaching load of two courses per semester, with repeat preparations being common. Successful candidates will have an active research agenda and should be prepared to engage a diverse group of students in their program of research. Teaching responsibilities for this position will regularly include mathematical statistics, and other introductory, intermediate and advanced courses in both departments that prepare students for graduate work in statistics. Other courses may be taught depending upon the candidate's field of specialization. Candidates should have a strong foundation in both mathematics and statistics. Candidates with experience in Bayesian statistics, high-dimensional data analysis, and machine learning are particularly encouraged to apply. A successful candidate will be expected to hold, after a few years, a leadership role in the recently proposed Mathematical Statistics major, jointly hosted by the Department of Mathematics & Statistics and the Program in Statistical & Data Sciences.

Located in Northampton, MA, Smith College is the largest women's college in the country and is dedicated to excellence in teaching and research across the liberal arts. A faculty of outstanding scholars interact with students in small classes, as advisors, and through student-faculty research projects. Smith College offers opportunities to foster faculty success at every career stage, such as those listed [here](#). The College is a member of the Five College Consortium with Amherst, Hampshire and Mt. Holyoke Colleges, and the University of Massachusetts Amherst. Students cross-enroll and faculty cross-teach across the Five Colleges. Details about the Program in Statistical & Data Sciences may be found at <https://www.smith.edu/academics/statistics> and details about the Department of Mathematics & Statistics may be found at <https://www.smith.edu/academics/mathematics-statistics>.

Submit application at <http://apply.interfolio.com/93965> with a cover letter, curriculum vitae, a statement of teaching philosophy, a research statement, and a diversity/inclusion statement. Applications must include three letters of recommendation, at least one of which must discuss teaching. Semi-finalists will be asked for a written statement on data ethics.

Review of applications will begin on October 15, 2021.

Diversity and a culture of equity and inclusion among students, staff, faculty, and administration are crucial to the [mission and values](#) of Smith College. We are an Affirmative Action/Equal Opportunity employer and do not discriminate on the basis of race, gender, age, color, religion, national origin, disability, sexual orientation, gender identity and expression or veteran status in the recruitment and employment of faculty and staff, and the operation of any of its programs and activities, as specified by all applicable laws and regulations. Women, historically underrepresented minorities, veterans, and individuals with disabilities are encouraged to apply.

Tenure-Track Assistant Professor Position in Applied Math Announced at Smith College



The Department of Mathematics and Statistics at Smith College invites applications for a tenure-track position at the rank of Assistant Professor, to begin on July 1, 2022. Dedicated teacher-scholars in applied mathematics or related fields are encouraged to apply. Qualifications include a Ph.D. in Mathematics or in a related field, (except Statistics) a strong commitment to teaching, and a high

potential for research. Candidates must have a track record of supporting students and a dedication to equity and inclusion. This position is part of a new cohort of four tenure-track positions and a postdoctoral position in applied mathematics, statistics, and data science.

The position has a teaching load of two courses per semester, with repeat preparations being common. Successful candidates will have an active research agenda and should be prepared to engage a diverse group of students in their program of research. They will be expected to help develop an applied math track through the math major.

We are the home of the Center for Women in Mathematics. In addition to courses in theoretical mathematics and applied mathematics, we co-host a Five College certificate in the biomathematical sciences, and with our award-winning post-baccalaureate program, we send a cohort of students to graduate school each year. The department is active in numerous research areas, with dynamic collaborations between faculty, and with students. Further details may be found at www.smith.edu/academics/mathematics-statistics.

Located in Northampton, MA, Smith College is the largest women's college in the country and is dedicated to excellence in teaching and research across the liberal arts. A faculty of outstanding scholars interact with students in small classes, as advisors, and through student-faculty research projects. Smith College offers opportunities to foster faculty success at every career stage, such as those listed [here](#). The College is a member of the Five College Consortium with Amherst, Hampshire and Mt. Holyoke Colleges, and the University of Massachusetts Amherst. Students cross-enroll and faculty cross-teach across the Five Colleges.

Submit application at <https://apply.interfolio.com/94898> with a cover letter, curriculum vitae, a statement of research, a statement of teaching experience and philosophy, a diversity/inclusion statement and three confidential letters of recommendation, one of which should concentrate on teaching activities.

Applications that are completed by October 15, 2021 are guaranteed full consideration.

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Women, historically underrepresented minorities, veterans, and individuals with disabilities are encouraged to apply.

Postdoc Positions in Applied Mathematics Announced at Smith College



The Department of Mathematics and Statistics at Smith College invites applications for a two-year postdoctoral position in the research group of Christophe Golé, to begin on July 1, 2022. The successful candidate will have the opportunity to work in some of the group's research areas, which include dynamical systems, plant pattern formation and microbial ecology, while also developing their own independent research agenda. The position has a teaching load of one course per semester, with an expectation of involvement in mentoring undergraduate student research.

Dedicated teacher-scholars in all areas of applied mathematics are encouraged to apply. Qualifications include a Ph.D. in Mathematics or in a related field, a strong commitment to teaching, and a high potential for research. This position is part of a new cohort of four tenure-track positions and this postdoctoral position in applied mathematics, statistics, and data science.

We are the home of the Center for Women in Mathematics. In addition to courses in theoretical mathematics and applied mathematics, we co-host a Five College certificate in the biomathematical sciences, and with our award-winning post-baccalaureate program, we send a cohort of students to graduate school each year. The department is active in numerous research areas, with dynamic collaborations between faculty, and with students. Further details may be found at www.smith.edu/academics/mathematics-statistics.

Located in Northampton, MA, Smith College is the largest women's college in the country and is dedicated to excellence in teaching and research across the liberal arts. A faculty of outstanding scholars interact with students in small classes, as advisors, and through student-faculty research projects. Smith College offers opportunities to foster faculty success at every career stage, such as those listed here: <https://www.smith.edu/about-smith/provost/faculty-development>. The College is a member of the Five College Consortium with Amherst, Hampshire and Mt. Holyoke Colleges, and the University of Massachusetts Amherst.

Submit application at <http://apply.interfolio.com/95270> with a cover letter, curriculum vitae, a statement of research, a statement of teaching experience and philosophy, a diversity/inclusion statement and three confidential letters of recommendation, at least one of which should concentrate on teaching activities.

Applications that are completed by December 1, 2021 are guaranteed full consideration.

Diversity and a culture of equity and inclusion among students, staff, faculty, and administration are crucial to the [mission and values](#) of Smith College. We are an Affirmative Action/Equal Opportunity employer and do not discriminate on the basis of race, gender, age, color, religion, national origin, disability, sexual orientation, gender identity and expression or veteran status in the recruitment and employment of faculty and staff, and the operation of any of its programs and activities, as specified by all applicable laws and regulations.

Women, historically underrepresented minorities, veterans, and individuals with disabilities are encouraged to apply.

Tenure-Track Assistant Professor Position in Mathematics Announced at University of Missouri, Kansas City

The Department of Mathematics and Statistics at the University of Missouri-Kansas City invites applications for a tenure-track position at the rank of Assistant Professor. The department seeks a dynamic colleague committed to fostering excellence in research, teaching, and service. An ideal candidate is expected to have a research agenda focusing on Mathematical Methods in Data Science, seek external funding, and provide effective teaching at the undergraduate and graduate level. We especially encourage applications from candidates from marginalized or underserved communities, as well as those with active research in areas such as Applied Partial Differential Equations, Applied Topology, Applied Harmonic Analysis, Optimization and Stochastic Control, Numerical Analysis, and other emerging areas, with applications in Data Science.

We expect that new faculty to be successful in scholarly activities through publications, grant writing, and collaboration with the faculty in our department, college, and university. Primary teaching responsibilities will be teaching two mathematics/data science courses per semester at different levels. Other duties may include service at the department, college, and university level as well as the service to the professional community.

As part of the UMKC Forward initiative (<https://www.umkc.edu/chancellor/initiatives/umkc-forward.html>) the Department will join the new UMKC School of Science and Engineering in 2022. Faculty members of Computer Science, Mathematics and Statistics programs will expand their collaborations in all areas of research and teaching. We are particularly interested in applicants with transformative and transdisciplinary research experiences in applied mathematics and data science.

The University of Missouri-Kansas City is a public research institution situated at the heart of a thriving and diverse urban area, with a strong economy, buzzing culture and arts scene, excellent schools, numerous recreational amenities, and affordable cost of living. The university is currently pursuing exciting initiatives to support data science research and education, with a focus on medical bioinformatics and big data analytics. The successful candidate is expected to strengthen the engagement of the Department of Mathematics and Statistics with these initiatives.

Minimum Qualifications: A Ph.D. in Applied Mathematics or a closely related field (or expected to graduate with a Ph.D. before August 2022) and successful teaching experience at the college level.

Preferred Qualifications: We are interested in applicants who have an established record of research in applied and computational mathematics, show potential to build interdisciplinary and industry connections through their research, and are qualified to teach graduate and undergraduate classes in the areas of applied mathematics and data science.

Full-time, tenure-track, benefit eligible, 9-month contract to begin September 1, 2022. **Salary:** Competitive salary commensurate with qualifications and experience.

Application Deadline: The review of applications begins November 15, 2021 and continues until the position is filled.

Application Instructions To apply, please combine all application materials (cover letter, full curriculum vitae, statement of teaching philosophy, research description and plans, and contact information for three references) into one PDF or Microsoft Word document with a maximum size of 11MB and upload online at <https://info.umkc.edu/hr/careers/academic-positions> as your resume attachment. Limit the document name to 50 characters and do not include any special characters (e.g., /, &, %, etc.). Please also arrange for the three official letters of reference to be sent to Noah Rhee, Chair of Search Committee, via email to Rheen@umkc.edu. At least one of the letters needs to address teaching. We encourage applicants to include evidence of effective teaching, such as teaching evaluations, in their application. For more information about the Department of Mathematics and Statistics and UMKC, please visit <https://cas.umkc.edu/math/>. For questions about the position, please contact Noah Rhee at Rheen@umkc.edu.

Equal Employment Opportunity: Equal Opportunity is and shall be provided for all employees and applicants for employment on the basis of their demonstrated ability and competence without unlawful discrimination on the basis of their race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, protected veteran status, or any other status protected by applicable state or federal law. This policy shall not be interpreted in such a manner as to violate the legal rights of religious organizations or the recruiting rights of military organizations associated with the Armed Forces or the Department of Homeland Security of the United States of America. For more information, call the Vice Chancellor - Human Resources at 816-235-1621.

Reasonable accommodations may be made to enable individuals with disabilities to perform the duties and functions of this job. If you believe you may have difficulty performing any of the duties or functions of this job, please contact the Office of Affirmative Action at (816) 235-1323. [EEO IS THE LAW](#)