THE MATH ALLIANCE

DR. DAVID GOLDBERG
Director

It is hard to believe September is almost here. That means we're just two months away from heading to Atlanta for the Field of Dreams Conference. I'll remind you that our plenary speakers are Ariel Aloe (Math Sciences), Jacqueline Hughes-Oliver (Kathryn Chaloner Memorial Lecture in the Statistical Sciences and their Applications), and Johnny Houston (Banquet Keynote). The registration site is open, we're still taking nominations for student attendees. You can also still nominate students for F-GAP (and these students will be offered the chance to attend the Field of Dreams Conference). We have posted the tentative agenda, and will continue to update it as we approach November. There are a couple of new things on this year's program, and I wanted to mention one in particular. On Friday afternoon, we will visit the King Center and some other historic sites nearby. This is really exciting, and I am looking forward to sharing this experience with all the attendees.

Earlier this month we held our first ever invited session at the Joint Statistics Meetings in Toronto.

Four Math Alliance Scholars who have earned statistical science doctorates - Kyle Duke, Javier Flores, Natalie Gasca, and Immanuel Williams - gave wonderful talks on their research and experiences. It was great to see the breadth of things Math Alliance Scholars are doing and their discernible impact in the world. I hope this becomes an annual event! Thanks again to the ASA Justice, Equity, Diversity, and Inclusion (JEDI) outreach group for sponsoring our session.

I want to also call attention to the upcoming AMS Mini-conference on Education: "Enhancing graduate programs in the mathematical sciences for student success". I know this is a topic of great interest to many in our community, and I am sure many will have things to add to some of the open discussions. Terrence Blackman, of Medgar Evers College, CUNY, and Chair of the Math Alliance Executive Council, is one of the organizers of this event. The conference will be September 28, 9AM-5PM, and you can register and join virtually from the link above.

I hope everyone's fall semesters are starting out well. There is always great energy and promise to a new term and I hope this carries you through the next couple of months. Then we can all be energized by our gathering for Field of Dreams Conference in November. We hope to see you in Atlanta!

What's Happening Next?

- **STATFEST** SAS Campus Cary, NC Sept. 23
- **SIAM Great Lakes 2023** MSU Oct. 14
- **Women in Statistics and Data Science Conference** Bellevue, WA Oct. 25-27
- **2023 Field of Dreams Conference** Georgia State Univ. Nov. 3- 5
- **Joint Mathematics Meetings (JMM 2024)** San Francisco, CA Jan. 3-6, 2024

Prof. Seshaiyer Gives Public Lecture at ICIAM 2023 in Japan

Prof. Padhu Seshaiyer, Math Alliance Associate Director for Applied Mathematics, attended the ICIAM 2023 Conference in Japan. It is a four year International Congress for Industrial and Applied Mathematics. that is attended by 5000 people from about 90 countries.

Prof. Seshaiyer gave one of the public lectures at the conference and the topic was "Understanding the Dimensions of Justice, Equity, Diversity and Inclusion (JEDI) across the globe in Applied Mathematics Research and Education.

Here is a link to the abstract:
https://iciam2023.org/1900#1545-1630_Prof_Padmanabhan_Seshaiyer

SIAM Meeting at Michigan State University

The meeting will be held on the campus at Michigan State University on Oct 14, 2023. This is a regional SIAM meeting held annually. The program consists of 3 plenary lectures (Selim Esedoglou, Elizabeth Munch, Takis Souganidis) and 15-20 mini-symposium. There is no registration fee, and partial support for travel and lodging will be offered to junior participants. The workshop is partially supported by SIAM and by the Department of Mathematics at MSU. The organizing committee includes Keith Promislow, Russell Schwab, and Olga Turanova.

The SIAM Great Lakes meeting are popular regional meetings that attract many graduate students from Michigan, Illinois, Indiana, and Ohio. They are excellent venues for graduate students to gain their first opportunity to give an external talk. We are requesting this affiliation status to encourage junior mathematicians from diverse backgrounds to participate. Minisyposium proposals will be accepted until Sept 1, contributed talks and requests for travel support are accepted until Sept 15. There are no plans for NSF or other grant proposals in support of this meeting.

-Best, Keith Promislow
For the SIAMGL 2023 organizing committee

MATH ALLIANCE

THE F-GAP PROGRAM

Approximately 100 faculty (Math Alliance Mentors) volunteer to mentor our F-GAP students each year.

Over 800 students have participated in F-GAP since it's inception in 2013. Of the participants:

- *over 50 have earned a doctoral degree*
- *over 200 are currently in doctoral programs*
- *over 400 are currently in an MS program or have graduated with an MS degree*

For program details see the **F-GAP page** on our website.

https://mathalliance.org

DETAILS:

STUDENTS:
To participate contact a **Math Alliance Mentor**

To see if you are **eligible for F-GAP**

MENTORS:
To nominate a student, **submit a form** or use the QR code

SUBgroups
Registration is Open

Registration is now open for this fall's edition of SUBgroups, an online peer group program for first-year math grad students. We hope that you might spread the word about SUBgroups to new graduate students that the Math Alliance has supported as they start their graduate school journeys.

We place students into groups according to the preference that they state, and this often means we are able to connect students who are minoritized in mathematics with others who share their identities. In the past this has included minoritized gender, racial, and sexuality identities. We hope that this feature of SUBgroups can help to further support your Math Alliance Scholars as they begin graduate careers.

Lots more details and the registration form for the program can be found here: http://gradsubgroups.org

Over the past four years we've had over 600 first-year students participate in SUBgroups from a wide array of programs around the country. Here are just a few quotes from participants about their experiences:

"I felt like I was able to learn a lot about other people's experiences and that helped make me feel that I was not alone."

"It was actually comforting to hear that others were somewhat struggling, like I am, with their first semester, especially with the added difficulties of the pandemic."

"I liked getting the opportunity to discuss starting graduate school with a group of women. Some of them also are the only women in their cohorts, so I am glad for them that they have this as a resource."

If you have any questions about SUBgroups or could use any additional information, please let us know.

Justin Lanier, Katie Waddle, Marissa Loving, Marquia Williams, Nelson Niu, and Yufei Zhang
The SUBgroups team

MSRI / Simons Laufer Mathematical Sciences Institute (SLMath) Berkeley, CA

Spring 2024 Scientific Workshops at SLMath

The Simons Laufer Mathematical Sciences Institute (SLMath, formerly known as MSRI) in Berkeley, California welcomes registrations for our Spring 2024 workshops, listed below. SLMath workshops are free of charge to attend, thanks to the generous support of our funders, including the National Science Foundation. (View www.msri.org/workshops for details, as some workshop dates or information may be subject to change. An updated schedule of all talks, including online broadcasts, will be posted in advance of each event.)
* denotes lead organizer(s).

Commutative Algebra
Connections Workshop: January 18-19, 2024
Organizers: Christine Berkesch (University of Minnesota, Twin Cities), Louiza Fouli (New Mexico State University), Maria Evelina Rossi (Università di Genova), Alexandra Seceleanu* (University of Nebraska)

Introductory Workshop: January 22-26, 2024
Organizers: Srikanth Iyengar (University of Utah), Claudia Miller (Syracuse University), Claudia Polini (University of Notre Dame), Anurag Singh* (University of Utah)

Recent Developments in Commutative Algebra: April 15-19, 2024
 Organizers: Daniel Erman (University of Wisconsin-Madison), Linquan Ma (Purdue University), Karl Schwede* (University of Utah), Karen Smith (University of Michigan), Andrew Snowden (University of Michigan), Irena Swanson (Purdue University)

Noncommutative Algebraic Geometry
Connections Workshop: February 1-2, 2024
Organizers: Rina Anno (Kansas State University), Elizabeth Gasparim (Universidad Católica del Norte), Alice Rizzardo* (University of Liverpool)

Introductory Workshop: February 5-9, 2024
Organizers: Nicolas Addington* (University of Oregon), David Favero, Wendy Lowen (Universiteit Antwerp), Alice Rizzardo (University of Liverpool)

Recent Developments in Noncommutative Algebraic Geometry: April 8-12, 2024
Organizers: Arend Bayer (University of Edinburgh), Graham Leuschke (Syracuse University), Alexander Polishchuk (University of Oregon), Susan Sierra (University of Edinburgh), Spela Spenko (Université Libre de Bruxelles), Gregory Stevenson (Aarhus University)

Other Workshops
Hot Topics: Artin Groups and Arrangements - Topology, Geometry, and Combinatorics: March 11-15, 2024
Organizers: Christin Bibby (Louisiana State University), Ruth Charney (Brandeis University), Giovanni Paolini (California Institute of Technology), Mario Salvetti (Università di Pisa)

Advances in Lie Theory, Representation Theory and Combinatorics: Inspired by the work of Georgia M. Benkart: May 1-3, 2024
Organizers: Hélène Barcelo (MSRI / SLMath), Ellen Kirkman (Wake Forest University), Gail Letzter, Daniel Nakano (University of Georgia), Arun Ram (University of Melbourne)

Register Online: msri.org/workshops

Funding Support: Established researchers, postdoctoral fellows, and graduate students are invited to apply for funding. Funding awards are typically made eight weeks before the workshop; requests received after the funding deadlines are considered only if additional funds become available. Groups underrepresented in research-intensive contexts including women, gender-expansive individuals, minorities, and mathematicians not located at research centers are welcomed and encouraged to apply.

Resources for Workshop Attendees: SLMath is pleased to be able to offer a private room for nursing parents. Childcare grants are available for researchers with children under the age of 18 (limited to US Citizens and Permanent Residents, and foreign visitors with a visa status that allows for compensation, such as a J1). See website for full details.

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

MSRI / Simons Laufer Mathematical Sciences Institute (SLMath)
Berkeley, CA

2024 Summer Research in Mathematics at SLMath

Summer Research in Mathematics (SRiM) at SLMath provides space, funding, and the opportunity for in-person collaboration to small groups of mathematicians with partial results on an established project, 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.

Eligibility: Groups of 2-6 mathematicians with partial results on an established project, with PhD or advanced graduate standing in the mathematical sciences required; at least 1 team member must be U.S based.

Dates: Visits of a minimum of two weeks must take place between **June 10 - July 12, 2024**. All group members must be in residence for the full duration of the visit.

How to Apply: Applications are hosted on MathPrograms.org beginning July 1, 2023: www.mathprograms.org/db/programs/1482

Application Deadline: The priority deadline is **October 8, 2023**. Applications will be accepted on a rolling basis after this date until capacity is reached.

Funding & Support: Lodging, meals, travel expenses, and post-programmatic travel support. Childcare grants are available for researchers with children under the age of 18 (see website for restrictions) and a nursing room is available.

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

MSRI / Simons Laufer Mathematical Sciences Institute (SLMath)
Berkeley, CA

Call for Membership: MSRI / SLMath 2024-25 Research Programs

The Simons Laufer Mathematical Sciences Institute (SLMath, formerly known as MSRI) in Berkeley, California, invites applications for membership in the Institute's 2024-25 research programs beginning August 1, 2023. Detailed information can be found at msri.org/application and msri.org/programs.

- **[New Frontiers in Curvature: Flows, General Relativity, Minimal Submanifolds, and Symmetry](#)** **(Fall 2024)**
- **[Special Geometric Structures and Analysis](#)** **(Fall 2024)**
- **[Probability and Statistics of Discrete Structures](#)** **(Spring 2025)**
- **[Extremal Combinatorics](#)** **(Spring 2025)**

The following positions are available:
- 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.

How to Apply
SLMath uses MathJobs.org to process applications. Interested candidates must apply online. To receive full consideration, applications must be complete, including all letters of support, by **October 1, 2023** (Research Professors) and **November 15, 2023** (Research Members and Postdoctoral Fellows).

Additional Support
SLMath strives to include a diverse community of mathematicians in its programs, and the Institute is committed to maintaining family-friendly policies and, when possible, facilitating appropriate arrangements for partners and children of program members. Some ways that this addressed include:
- SLMath employs a Family Services Coordinator who provides help in locating schools and other services for mathematicians coming to Berkeley with their families.
- The Complementary Program has a limited number of memberships that are open to mathematicians who are partners of invited members of a core program.
- Childcare grants are available for researchers with children under the age of 18 (limited to U.S. Citizens and Permanent Residents, and foreign visitors with a visa status that allows for compensation, such as a J1).
- SLMath is pleased to be able to offer a private room for nursing parents.
  About SLMath

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

Partner Institution

POSITION AT GEORGIA STATE UNIVERSITY

Visiting Lecturer Position at Georgia State University in Atlanta

The Department of Mathematics and Statistics at the downtown Atlanta campus of Georgia State University invites applications for 2 visiting lecturer positions in mathematics and statistics beginning August 2023. We seek candidates who demonstrate excellence in teaching a diverse body of students, possess effective communication skills in classroom teaching and in one-on-one settings, and have a demonstrated commitment to the success of undergraduate students, preferably in a large public university setting with a diverse student population. Candidates should have a strong background in mathematics or statistics and a Ph.D. in mathematics, statistics, or a related field is required.

Duties will consist of teaching 12 contact hours per semester. Lecturers typically teach primarily lower-level undergraduate mathematics and statistics classes including, but not limited to, precalculus, elementary statistics, and calculus courses. This is a 1-year position at the salary of $50,000 for 9 months with a possible extension to the 2nd year at the salary of $55,000. Summer teaching for extra pay is expected to be available.

Georgia State University is a national leader in innovative instruction and the academic success of diverse populations, and the Department of Mathematics and Statistics is at the heart of many of these successes. The department currently consists of 22 tenure track faculty, 11 lecturers (of various ranks), 3 academic professionals, and 5 visiting lecturers. The department is in charge of 11 core courses and teaches the most credit hours of all departments on the downtown campus. The department offers BS, MS, and PhD degrees in mathematics and statistics.

We ask interested candidates to email their applications (as 1 pdf file) to asmirnova@gsu.edu (put "VL Position Candidate" in the subject line)

The following items are required:
1. Application cover letter
2. Curriculum vitae
3. Transcripts of graduate work
4. Student evaluations and/or other evidence of success in teaching (if available).

Additionally, please arrange for three letters of reference (two must address candidate's instructional abilities) to be sent directly to asmirnova@gsu.edu.

 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.

Member Institution

POSITION AT BAYLOR UNIVERSITY

Baylor University seeks a postdoctoral fellow in Mathematics to start in August 2024. Details for this position can be found at this link. Applications must be completed and received by November 26, 2023.

This position is on a renewable twelve-month contract potentially leading to a maximum appointment of three years. Special consideration will be given to applicants with interests aligned with areas of research in the department that include algebra, analysis, applied/computational mathematics, differential equations, mathematical physics, numerical analysis, representation theory, and topology, with potential interdisciplinary applications.

Located in Waco, Texas, Baylor University is the oldest college in Texas. With a population of around 21,000 students, Baylor is one of the top universities in the nation, having just been named an R1 institution by the Carnegie Classification in 2022. Baylor is also on the honor roll of the "Great Colleges to Work For" from The Chronicle of Higher Education, Baylor offers competitive salaries and benefits while giving faculty and staff the chance to live in one of the fastest-growing parts of the state. Our strategic plan, Illuminate Forward, guides the University as we continue to live up to Baylor's mission of educating men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community.

Baylor University is a private not-for-profit university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Opportunity employer, Baylor is committed to compliance with all applicable anti-discrimination laws, including those regarding age, race, color, sex, national origin, pregnancy status, military service, genetic information, and disability. As a religious educational institution, Baylor is lawfully permitted to consider an applicant's religion as a selection criterion. Baylor encourages women, minorities, veterans, and individuals with disabilities to apply.

Member Institution

POSITION AT BAYLOR UNIVERSITY

The Department of Mathematics, in the College of Arts & Sciences, at Baylor University, invites applications for a full-time lecturer faculty position beginning in August 2024. We seek applicants with strong interest and experience in teaching at the undergraduate level, particularly first-year and second-year mathematics and math education classes. This appointment is a renewable full-time, benefits-eligible, teaching-focused position with a 6-year promotion path to Senior Lecturer for qualified and successful candidates [Baylor University](). We seek a collegial faculty member who will contribute positively to the department's culture of innovative teaching and dedicated service to our undergraduate students. For more details on the position and how to apply visit [Baylor University]()

Located in [Waco, Texas](), Baylor University is the oldest college in Texas. With a population of around 21,000 students, Baylor is one of the top universities in the nation, having just been named an R1 institution by the Carnegie Classification in 2022. Baylor is also on the honor roll of the "Great Colleges to Work For" from The Chronicle of Higher Education, Baylor offers competitive salaries and [benefits]() while giving faculty and staff the chance to live in one of the fastest-growing parts of the state. Our strategic plan, [Illuminate](), guides the University as we continue to live up to Baylor's [mission]() of educating men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community.

Baylor University is a private not-for-profit university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Opportunity employer, Baylor is committed to compliance with all applicable anti-discrimination laws, including those regarding age, race, color, sex, national origin, pregnancy status, military service, genetic information, and disability. As a religious educational institution, Baylor is lawfully permitted to consider an applicant's religion as a selection criterion. Baylor encourages women, minorities, veterans, and individuals with disabilities to apply.

Member Institution

POSITION AT CASE WESTERN RESERVE UNIVERSITY

The Department of Mathematics, Applied Mathematics, and Statistics at Case Western Reserve University (CWRU) is searching for at least one tenure-track assistant professor in Statistics to begin in Fall 2024. Preference will be given to candidates whose research is in areas of statistics that complement and enhance the existing expertise in the department and who can meaningfully interact with the current group of statisticians, probabilists, and applied mathematicians in the department. This hiring is part of an effort to continue building a statistics group that collaborates with faculty in other fields, including, for example, data science, biology, physics, astronomy, biostatistics, as well as researchers in the Schools of Engineering, Management, and Medicine.

All candidates must hold a PhD in Statistics or a related field by the time of the appointment, have demonstrated teaching/mentoring experience, and have a publication record appropriate to rank. Candidates should submit a letter of application, curriculum vitae, a statement of current and future research plans, a statement of teaching philosophy and experience, and the candidate should arrange for three letters of recommendation to be submitted directly by the writers, at least one of which should address teaching. In addition, applicants are asked to submit a statement explaining how they value diversity, equity, and inclusion within their research and discipline(s) and how their own scholarly work might contribute to structural justice inside and outside institutions of higher learning. This statement should also suggest how the candidate's work, while as a member of Case Western Reserve University, will contribute to diversity, equity, and inclusion and how moving forward they intend to foster a culture of diversity, pluralism, and individual difference.

All application materials should be submitted electronically via Interfolio at apply.interfolio.com/129064. Applications will be reviewed upon arrival. All applications received prior to **October 1st, 2023**, **will receive full consideration**.

General correspondence about this position should be sent to Jenny Brynjarsdottir, Search Committee Chair, at jenny.brynjarsdottir@case.edu.

Case Western Reserve University is located in the University Circle cultural district of Cleveland, Ohio, home of the nationally top-ranked Cleveland Clinic, internationally famous Cleveland Orchestra, the Cleveland Museum of Art, the Cleveland Institute of Music, and the Cleveland Institute of Art. Within a five-mile radius from CWRU are the nation's second largest theater district, several professional sports teams, a wide range of musical, artistic, and culinary venues, recreational opportunities, and numerous diverse communities in which to live.

Case Western Reserve University strives to maintain a diverse and inclusive work environment. All applicants are protected under Federal law from discrimination based on race, color, religion, sex, national origin, disability, age and genetics.

Case Western Reserve University provides reasonable accommodations to applicants with disabilities. Applicants requiring a reasonable accommodation for any part of the application and hiring process should contact the Office of Equity at 216.368.3066 or equity@case.edu to request a reasonable accommodation. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.

Member Institution

POSITION AT MICHIGAN STATE UNIVERSITY

The Department of Mathematics at Michigan State University invites applications for two RTG Postdoctoral Associate positions with a starting date of Fall 2024. This is a three-year, benefits eligible position, associated with the NSF-funded RTG project "Algebraic and Geometric Topology at Michigan State." Topology at MSU is represented by a vibrant group of faculty and graduate students; a group with rich interaction amongst not only its members but also with the closely connected research groups at MSU in geometry and algebra. RTG Postdoctoral Associates will be integrated into the topology group through pairing with faculty mentors, participation and co-leadership in RTG activities, vertically integrated structured research projects, thoughtful curation of teaching assignments, and engagement in the department's active instructional mentoring program. Candidates will be evaluated on their potential in research, teaching, graduate and undergraduate mentorship, and their fit with the topology research community at MSU. Candidates are required to have a Ph.D. in Mathematics by August 10, 2024. Due to NSF rules, the position is restricted to US citizens, nationals, or permanent residents.

Some features of the RTG postdoctoral position include:
· Mentoring in research, teaching, and other aspects of professional development
· Summer support for two summers
· Funding in the amount of $6000 per year for travel and supplies
· A teaching expectation of one course per semester
· Participation in RTG activities such as seminars, conference organization, research collaboration with graduate students and faculty, and assisting with mentoring and directed reading programs for undergraduates

Applicants should submit the following items on Mathjobs.org to complete their application:
· Cover Letter
· Curriculum Vitae
· Research Statement
· Teaching Statement
· Four Reference Letters with at least one of which addresses teaching (Letters to be submitted online by the reference writers at Mathjobs.org posting)

Applicants must submit their application materials via Mathjobs.org at
https://www.mathjobs.org/jobs/list/22660.

Review of applications will begin on **December 1, 2023**, and will continue until the positions are filled. A background check is required for employment. Appointments will be renewed annually for up to three years, contingent on satisfactory performance.

For questions or further information:
· Teena Gerhardt (teena@math.msu.edu) · Matthew Hedden (mhedden@math.msu.edu)
· Effie Kalfagianni (kalfagia@msu.edu)   · Matthew Stoffregen (stoffre1@msu.edu)
Department Website: **https://math.msu.edu/**

Department of Mathematics
Michigan State University
619 Red Cedar Road, C212 Wells Hall
East Lansing, MI 48824

MSU is an affirmative-action, equal-opportunity employer and is committed to achieving excellence through a diverse workforce and inclusive culture that encourages all people to reach their full potential. The University actively encourages applications and/or nominations of women, persons of color, veterans, and persons with disabilities. MSU is committed to providing a work environment that supports employees' work and personal life, and offers employment assistance to the spouse or partner of candidates for faculty and academic staff positions.

Member Institution

POSITION AT MICHIGAN STATE UNIVERSITY

The [Department of Mathematics](#) at [Michigan State University](#) invites applications for Mathematical Biology/Computational Topology Research Associates with an open starting date from October 1, 2023, to August 16, 2024. Candidates will be evaluated continuously until multiple positions are filled. These are one-year, benefits-eligible positions that are potentially renewable on an annual basis contingent upon satisfactory performance and availability of funding.

Candidates will be mainly evaluated on their potential in research. Candidates are required to have a Ph.D. in Mathematics or an equivalent area, such as computational chemistry/biology/biophysics and computer science. Applications will be considered from any of the focus areas:

1. AI-based drug design and discovery
2. Bioinformatics/protein engineering/single-cell RNA sequence analysis
3. Machine learning/deep learning
4. Computational topology/geometry/graph.

Research Associates will be affiliated with Professor Guowei Wei, who will direct their research activities. The research associates will engage in our active instructional mentoring program if their appointment includes an instructional component.

Applicants must submit their application materials for the Mathematical Biology/Computational Topology Research Associate job posting on Mathjobs.org at https://www.mathjobs.org/jobs/list/22658 to be considered. A complete application includes a vita, a research statement the indicates their experience in any of the four-focus areas, and at least three letters of recommendation, one of which must address their teaching experience.

Minimum Requirements: Candidates are required to have a Ph.D. in Mathematics or an equivalent area before the starting date.

Review of applications will begin on **August 1, 2023**, and continue until positions are filled. A background check is required for employment.

[Michigan State University](#) is an affirmative action, equal opportunity employer and 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. Job applicants are considered for employment opportunities and employees are treated without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status.

Member Institution

POSITION AT THE UNIVERSITY OF MICHIGAN

Two tenure-track positions in Statistics at the University of Michigan

The Department of Statistics at the University of Michigan, Ann Arbor, invites applications for multiple opportunities beginning August 26, 2024. We are recruiting for two tenure-track positions, one at the Assistant Professor level and one open rank. This is a university year (nine months) appointment. A Ph.D. in statistics or a related field is required. Applicants in all areas of statistics and data science who have demonstrated outstanding research accomplishments (at the senior level) or potential (at the junior level), excellence in teaching, and commitment to diversity are encouraged to apply. For applications at the Associate or Full rank, a strong track record of professional leadership and service is also expected.

To apply, submit your curriculum vitae, academic transcript if less than three years post PhD, 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, and arrange for at least three recommendation letters to be uploaded directly to mathjobs. Review of applications will begin on October 1, 2023 and continue until the position is filled. To ensure full consideration, apply for the Associate/Full Professor position at this **link by October 1**, and for the Assistant Professor position at this **link by October 20**. For more information about the department, visit **http://www.lsa.umich.edu/stats/**

We also invite applications to additional opportunities through the LSA Collegiate Fellowship (Assistant Professor level) and LSA Senior Collegiate Fellowship (Associate Professor level) program. This program recruits faculty whose research and/or teaching, and/or service contribute to diversity, equity, and inclusion in higher education. The program is open to all persons who meet the eligibility criteria, without regard to race, gender, ethnicity, or other identity characteristics. For Assistant Professors hired through this initiative, the program can provide one or two years of fellowship support prior to starting the tenure-track appointment. **The deadline is October 16, 2023.**

For more information and to apply, visit **https://lsa.umich.edu/ncid/fellowships-awards/lsa-collegiate-postdoctoral-fellowship.html**

We strongly encourage women and members of underrepresented groups to apply. The University of Michigan is supportive of the needs of dual career couples and is an equal opportunity/affirmative action employer. All offers are contingent on successful completion of a background screening.

POSITION AT
REED COLLEGE

The Reed College Department of Mathematics and Statistics invites applications for one tenure-track position in statistics at any rank to begin August 2024. Applicants should have a Ph.D. in statistics, biostatistics, data science, or a related field by the time of appointment. An Equal Opportunity Employer, Reed values diversity and encourages applications from members of underrepresented groups.

We are seeking candidates who can develop a strong research program that will effectively engage undergraduates from a wide range of academic backgrounds and interests. The successful candidate will be responsible for teaching statistics courses at the introductory and advanced levels, for helping to build a growing academic program, and for advising 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 any past experience mentoring students.

Reed College is a vibrant intellectual community located in Portland, Oregon. Reed students are known for their outstanding intellectual engagement and creativity, and a substantial proportion go on to pursue advanced degrees. While teaching is our primary mission, the College is very supportive of faculty research; we have start-up funding, a generous leave and sabbatical program, funding for professional travel and student research assistants, and opportunities for internal research grants.

We are 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 have 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 must be submitted through the MathJobs.org website (https://www.mathjobs.org/jobs/list/22674) and should include:

- a cover letter addressing how your teaching and scholarship are potentially suited to the liberal arts college environment,
- a CV,
- a teaching statement,
- a research statement,
- a diversity statement (optional, see previous paragraph) and
- three letters of recommendation, at least one of which addresses teaching experience or potential.

Applications will be accepted until the position is filled, but they should be received by **Friday, September 29, 2023**, to guarantee full consideration. Any questions may be directed to the chair of the search committee, David Perkinson, at davidp@reed.edu.

POSITION AT CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO

The Department of Mathematics at California State University, San Bernardino (CSUSB) invites applications for a tenure-track faculty position in the area of Applied Mathematics at the rank of Assistant Professor to begin August 2024.

The successful candidate will contribute to our campus community through teaching, research, professional activities and service. Our department seeks faculty with a strong commitment to excellence in teaching at the undergraduate and master's levels, including familiarity with evidence-based effective practices for teaching mathematics and statistics, as well as the potential to foster faculty-student collaborative research. In addition, we seek candidates with the potential to engage in a robust research agenda. Opportunities exist for collaboration within our campus community, and our proximity to a variety of other academic institutions offers the opportunity for cross-institution collaborations.

As a designated Hispanic Serving Institution, CSUSB reflects the dynamic diversity of the region and has one of the most diverse student populations of any university in the Inland Empire, and the second highest Hispanic enrollment of all public universities in California. We are committed to building and sustaining a CSUSB community that is supportive and inclusive of all individuals. Qualified applicants with experience in ethnically diverse settings and/or who demonstrate a commitment to serving diverse student populations are strongly encouraged to apply.

Complete description of the position and required application materials may be found at the following link. Applications received by **September 15, 2023** will receive full consideration. https://careers.csusb.edu/en-us/job/528687/department-of-mathematics-assistant-professor-in-applied-mathematics

POSITION AT UNITED STATES AIR FORCE ACADEMY

The Department of Mathematical Sciences invites applications for a full-time Assistant Professor position with an emphasis in applied statistics and data science, beginning June 2024. This is a tenure-track position. We seek an energetic passionate data professional with a desire to educate and develop future decision makers. Come join our team and work with talented students and collaborative colleagues as we expand our nationally recognized analytics programs to incorporate data science. We want an individual who possesses or can develop the skills to assume a significant leadership role in our data science program.

Duties will include teaching undergraduate statistics, data science, and mathematics courses, working with students on group and individual research projects, curriculum and program development related to statistics and data science, committee work, and various other administrative tasks associated with being a faculty member. Applicants will be assessed based on their teaching ability and experience, record or potential for scholarship, commitment to service, and the breadth and relevance of their educational background and life experiences.

The chosen candidate will join nine other full-time civilian professors in a dynamic department which includes approximately thirty-five military faculty members. In addition, the candidate will engage with members of related departments through the Data Science and Operations Research majors. Our faculty members work closely with each other in a collegial, collaborative, and mentoring environment. The chosen applicant will be a person who understands the dual academic and military mission of the Academy and who recognizes the remarkable opportunities and sometimes demanding responsibilities inherent in this position. The academic mission of the Air Force Academy focuses on active student learning and personal development; we desire applicants who understand and appreciate the educational challenges and the technological culture of the current generation of college students.

All faculty members are expected to contribute to the Academy's primary mission of developing leaders of character through exceptional teaching, scholarship, and service. The successful candidate will be expected to teach a broad array of statistics, data science, and mathematics courses, engage students in undergraduate research, and serve as a mentor to cadets. We seek an individual with a breadth of intellectual interests who currently has or will pursue an active program of scholarship to include pedagogical research and innovative curriculum development. Faculty members are also expected to engage in service activities benefiting the department, the Air Force Academy, and the professional mathematics/statistics community.

Faculty members are assigned duties and paid over a full 12-month calendar year and earn about 30 days of paid leave per year. Additional holidays bring the total paid time off per year to five to six weeks. In addition, there are opportunities for summer academic research absences and sabbaticals every 7th year. Career progression proceeds through the traditional academic ranks of assistant, associate, and full professor.

The Air Force Academy is committed to building a culturally diverse educational environment. Applicants are requested to include information about how they will further this goal, as well as directly addressing the required and desired qualifications in their cover letter. In addition, it is strongly encouraged that applicants submit an unofficial copy of their undergraduate and graduate school transcripts.

To apply, please go to https://www.usajobs.gov/job/741225600.

POSITION AT SMITH COLLEGE

The Department of Mathematical Sciences at Smith College invites applications for a three-year renewable, benefits eligible position in Mathematics to begin July 1, 2024, at the rank of Core Lecturer. A core lecturer is a continuing, but non-tenure-track member of the faculty whose primary responsibility is teaching. The position includes access to research funds and a track to promotion to Senior Lecturer. Duties for this position will regularly include teaching five courses per year, serving on departmental committees and advising students working on special studies and honors theses. Typically, the teaching assignments will include coordination of one or more of the team-taught Calculus 1, Calculus 2, and Discrete Mathematics courses. We seek candidates with a strong commitment to undergraduate education, innovation, and inclusion in an undergraduate liberal arts context. A Ph.D. in Mathematics, Mathematics Education, or a relevant field is expected by the time of appointment. Candidates from groups historically and systemically excluded in STEM are encouraged to apply. Successful candidates will have a strong track record in undergraduate teaching, positive experience as coordinator of diverse teaching teams, proven success in teaching in a liberal arts environment, and leadership in curriculum development for inquiry-based learning and culturally relevant pedagogy. Although not required, we will value candidates with evidence of leadership in research on mathematics and STEM education and implications for gender and marginalized student inclusion in mathematics teaching and learning and leadership in developing equity in STEM.

 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 Department of Mathematical Sciences may be found at https://www.smith.edu/academics/mathematical-sciences.

 Submit application at http://apply.interfolio.com/130151 with a cover letter, curriculum vitae, diversity/inclusion statement, teaching statement, and three confidential letters of recommendation. Finalists may be asked for additional materials. **Review of applications will begin on September 15, 2023.**

 As set forth in our mission and values, Smith College is committed to promoting a culture of equity and inclusion among students, staff and faculty. The College will not discriminate in employment on the basis of age, race, color, ethnicity, national origin, creed, religion, sex, sexual orientation, gender identity, gender expression, pregnancy, genetic information, age, veteran status, physical or mental disability, or any other classification protected by law. Smith College is an equal opportunity employer and complies with all state and federal laws that prohibit discrimination.