THE MATH ALLIANCE

DR. DAVID GOLDBERG
Director

Fall is definitely in full swing, as we are reaching the middle of our semesters, and the weather is definitely showing signs of moderating a bit. Of course, we are very concerned with all of our friends in the southeast who are currently suffering from the effects of Hurricane Helene. I hope you're all safe and finding some path to getting things working again.

We'll be down in Atlanta in a bit over month for the Field of Dreams Conference, and we are very excited to see the program coming together. We have a committee reviewing the students who have applied to attend the conference, and I think we will have an outstanding group of attendees. We actually have to consider whether we have the capacity for all the students who might deserve to attend, which might make for some hard decisions we have not had to make before.

I do want to point out an important upcoming deadline. In order to be sure we are not over the space capacity for this year's venue **we will be closing registration for the Field of Dreams Conference on October 10!** I know some of you (faculty) tend to wait until the week before the conference to register, but please don't! Make sure you have registered if you plan to attend. **This includes those of you registering through a Partnership or Membership.** We look forward to seeing many of you in Atlanta.

Something we have discussed in this column before is the wealth gap (or the various wealth gaps) in the U.S.A. I heard a recent interview with one of the two authors of "Fifteen Cents on the Dollar: How America Made the Black-White Wealth Gap." It is interesting how clear the data is for the existence and persistence of this wealth gap, while so many continue to argue that "this is all behind us", and that we should not be concerned with being sure we are providing access to opportunities to everyone. But it is clear certain communities might face challenges in accessing some opportunities, as wealth does correlate with access. What is amazing is this gap has not closed very much at all in the last 100 years and remains at about what the title of the book implies. The average Black family in this country has $0.15 of accumulated assets for every $1 of assets for the average White family.

For all the things we might point to as "progress" this fundamental reflection of inequality remains. I haven't had a chance to pick up the book, but it is on my list. It is something of a case study, following four millennials and a banking company (one dedicated to closing the gap). This all reminds me of something one of my mentors in this work we do, pointed out to me a few years ago. When a Math Alliance Scholar earns a doctorate, often changes it, not just in their own trajectory, but the trajectory for their whole family, and it makes the smallest of dents in addressing the gulf of opportunity caused by this wealth gap. It is important for us to keep this point of view in mind, because the work we are all doing as a community does make a difference.

THE MATH ALLIANCES' ANNUAL

2024 FIELD OF DREAMS CONFERENCE

NOVEMBER 8-10, 2024

Hosted By: Georgia State University

ATLANTA, GA

WEEKEND HIGHLIGHTS

FRIDAY 11/8

- **The Kathryn Chaloner Memorial Lecture in the Statistical Sciences and their Applications**
- **Panel Discussions**
- **REU Fair**

SATURDAY 11/9

- **Math Science Talk**
- **Panel Discussions**
- **Graduate Fair with 70+ graduate programs**
- **Keynote Speaker and Banquet**

FEATURED SPEAKERS

Math Science Lecture

Kathryn Chaloner Memorial Lecture

NAIOMI CAMERON

Chair and Professor of Mathematics, at Spelman College

BÁRBARA GONZÁLEZ

Vice Provost for Faculty Affairs at Northern Illinois University

KEYNOTE SPEAKER

ARIS WINGER

Associate Professor, Georgia Gwinnett College
Executive Director, National Association of Mathematicians

Partners and Sponsors:

Georgia State University · UNIVERSITY of WASHINGTON · MERCK · Bristol Myers Squibb

3M · ASA · UNIVERSITY OF MINNESOTA · GT Georgia Tech College of Sciences School of Mathematics

ASU Arizona State University · NSF · National Security Agency · MATH ALLIANCE · PURDUE UNIVERSITY

Registration Website / Conference Hotel / Conference Website

What's Happening Next?

- **2024 NDiSTEM** Phoenix, AZ   Oct. 31- Nov. 2, 2024

- **2024 Field of Dreams Conference (FOD 2024)** Atlanta, GA
  November 8-10, 2024

- **JMM 2025** Seattle, WA January 8-11, 2025

VIRGINIA TECH

For more information:
https://biostat.centers.vt.edu/

VT COLLEGE OF SCIENCE VIRGINIA TECH.
CENTER FOR BIOSTATISTICS AND HEALTH DATA SCIENCE

UNIVERSITY of VIRGINIA   iTHRIV integrated Translational Health Research Institute of Virginia

COLLABORATIVE UNDERGRADUATE BIOSTATISTICS EXPERIENCE

CUBE 2025 SUMMER PROGRAM

The Collaborative Undergraduate Biostatistics Experience (CUBE) program provides undergraduate students who are underrepresented in STEM programs with training and mentorship in a real-world collaborative health data science research project.

Program Dates:
June 2, 2025 through July 25, 2025

WHAT IS CUBE?

CUBE is an 8-week training program designed to provide undergraduate students who are underrepresented in STEM programs the opportunity to engage in a collaborative data science experience in the health field, along with related professional development activities. The goal is to offer students an experience working with a real-world dataset under the mentorship of experienced data scientists and clinical experts, to help them determine if they want to pursue a career in collaborative data science, and to provide them with professional development skills for the workplace or for graduate school.

WHO WILL HOST AND MENTOR STUDENTS?

Students will be hosted and mentored by faculty and staff at either Virginia Tech's (VT's) Health and Technology campus in Roanoke, Virginia or at the University of Virginia (UVA) located in Charlottesville, Virginia.

STIPEND?

$4800 (housing and social outings will be covered by the program; student is responsible for food/meals; this stipend is taxable to the student)

MORE INFO

Scan this QR code to get more information about the CUBE summer program

FOLLOW US ON X (TWITTER)
@VT_BIOSTATS

APPLICATIONS

Applications Open:
October 1, 2024 to Febuary 28, 2025

Where can students apply?
https://biostat.centers.vt.edu/CUBE.html

WHO SUPPORTS THE CUBE PROGRAM?

CUBE is funded by the National Institutes of Health's (NIH) NIDA/NIAAA institutes under award number R25DA058482, AbbVie, as well as by Virginia Tech's College of Science, the University of Virginia's Division of Biostatistics, and the Integrated Health Research Institute of Virginia (ITHRIV).
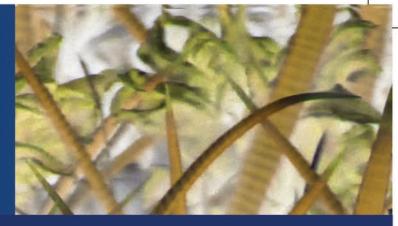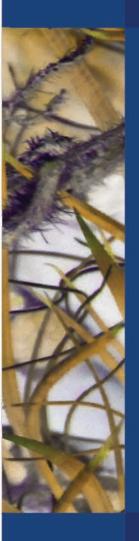
OUR TEAM

The mission of the Center for Biostatistics and Health Data Science (CBHDS) is to achieve excellence in Virginia Tech's health- and medically-related research portfolio.

Department of Mathematics
The University of Arizona®

ARIZONA WINTER SCHOOL 2025

Southwest Center
for Arithmetic Geometry

https://swc-math.github.io/
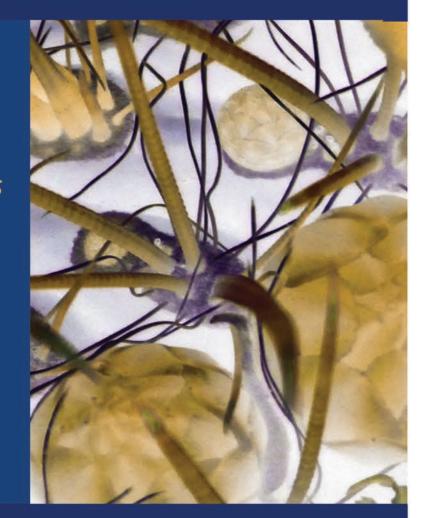
Deadline to Apply
November 21st, 2024

REPRESENTATION THEORY OF p-ADIC GROUPS

Jessica Fintzen
Representations of p-adic groups

Tasho Kaletha
Characters of representations of p-adic groups

Charlotte Chan
*Geometrizations of representations
of p-adic groups*

Florian Herzig
Mod-p representations of p-adic groups

with **Marie-France Vignéras,** Clay Lecturer

TUCSON, MARCH 8-12, 2025

THE OHIO STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

Master of Actuarial and Quantitative Risk Management
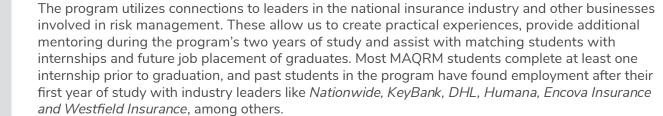
Department of Mathematics
Graduate Office
102 Mathematics Building
231 West 18th Avenue
Columbus, Ohio 43210

Who Should Apply?

Recent college graduates with a strong background in quantitative fields, such as mathematics, statistics, physics, economics, computer science, accounting, finance, engineering or actuarial science.

Prospective actuaries interested in changing career paths or transitioning into the actuarial, finance or banking fields.

Program Synopsis

The Master of Actuarial and Quantitative Risk Management (MAQRM) program is a 3-4 semester long graduate program which provides innovative interdisciplinary training in actuarial science, quantitative finance, and data science. The curriculum includes advanced courses in risk management, stochastic calculus and data analytics along with more traditional skill training in actuarial science, financial economics, statistics and numerical analysis.

Learning Outcomes

Students in the MAQRM program will acquire proficiency in the core subjects of actuarial and financial mathematics. Those who choose the traditional actuarial science direction will acquire proficiency in the areas covered by the actuarial exams administered by the Society of Actuaries and the Casualty Actuarial Society. Students may also choose a traditional financial engineering track. Or they may create a hybrid program focusing on the development of cutting-edge tools used in their preferred career path.

Annual Career Fair

The annual Ohio State Actuarial Science Career Fair affords the exclusive opportunity for actuarial science students to network and interview with actuaries from major insurance companies and consulting firms from around the United States.

Nationwide Mentoring Program

Get paired with a senior actuary or quantitative hedging mentor at Nationwide. Join our large Ohio State University alumni community, network, and learn about important real-world information about your potential career path before you graduate.

Thesis Options

Students may choose to complete the degree via either a thesis option or a non- thesis culminating examination. Either option provides students the opportunity to showcase their subject matter expertise. The thesis option may be especially valuable for students considering eventually pursuing another advanced degree. Past students have completed thesis research in areas such as financial engineering, biostatistics, and machine learning.

Practicum Experience

Students enroll in our seminar series to meet with prospective employers to discuss career development strategies and networking. We keep our program small to ensure all students receive the resources they need to succeed. Hands on and 1-1 training through presentations and class projects will be given by practicing actuaries or quantitative finance professionals on topics drawn from their fields.

Connections with Employers

The program utilizes connections to leaders in the national insurance industry and other businesses involved in risk management. These allow us to create practical experiences, provide additional mentoring during the program's two years of study and assist with matching students with internships and future job placement of graduates. Most MAQRM students complete at least one internship prior to graduation, and past students in the program have found employment after their first year of study with industry leaders like *Nationwide, KeyBank, DHL, Humana, Encova Insurance and Westfield Insurance*, among others.

CONTACT

Email: grad-info@math.osu.edu   Phone: 614-292-6274   Visit: math.osu.edu/grad

Garden of Constants by Barbara Grygutis was selected out of 130 artist ideas and installed on campus in 2004.

Drive change and shape the future using your analytical and reasoning skills!

Apply for the AMS Congressional Fellowship today.

AMS Congressional Fellowship 2025–2026

The American Mathematical Society will sponsor a Congressional Fellow from September 2025 through August 2026. The Fellow will spend the year working on the staff of either a member of Congress or a congressional committee, contributing scientific and technical expertise to legislative and policy areas. They will bring their technical background and external perspective to the decision-making process in Congress. Prospective Fellows must be aware of and sensitive to political and social issues and have a strong interest in applying their knowledge to solve societal problems.

Now in its 20th 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.

By the **February 1, 2025** deadline date, applicants must:

- hold a PhD or an equivalent doctoral-level degree in the mathematical sciences.
- be a US citizen.
- provide a statement of interest and qualifications.
- submit a current curriculum vitae and three letters of recommendation.

Applicants must not be a federal employee.

The Fellowship stipend is US$105,812 for the Fellowship period, with additional allowances for relocation and professional travel, as well as a contribution toward health insurance.

"The fellowship definitely will strengthen my communication skills, and will allow me to apply general logic and analysis skills in a different setting than what I've been used to. "

—Ellen Urheim,
AMS Congressional
Fellow 2023–2024

jmm 2025

Learn more at the JMM2025 session on *DC-based Policy and Communications Opportunities*, Friday, January 10, 2025 at 4:30 p.m.

Scan below

AMERICAN MATHEMATICAL SOCIETY
Advancing research. Creating connections.

Or visit **www.ams.org/ams-congressional-fellowship** to learn more and apply.

MSRI / Simons Laufer Mathematical Sciences Institute (SLMath) Programs

2025 Summer Research in Mathematics (Berkeley, CA)

Summer Research in Mathematics at SLMath provides space, funding, and the opportunity for in-person collaboration to small groups of mathematicians with partial results on an established project, including 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. Learn more: slmath.org/summer-research

Eligibility: Groups of 2-6 mathematicians with partial results on an established project, with Ph.D.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 2 to August 1, 2025.

How to Apply: Applications will be hosted on MathPrograms.org beginning in Summer 2024. The priority application deadline is **October 11, 2024**. Applications will then be accepted on a rolling basis 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 17 (see website for restrictions) and a nursing room is available.
MSRI, now SLMath, has been supported from its origins by the U.S. National Science Foundation, joined by the National Security Agency, over 115 Academic Sponsor departments, private foundations, and generous and farsighted individuals.

Register for Spring 2025 Scientific Workshops at SLMath

SLMath workshops are free to attend in Berkeley and online, thanks to the generous support of our funders, including the U.S. National Science Foundation. Register Online: slmath.org/workshops.

Probability and Statistics of Discrete Structures
- Connections Workshop (slmath.org/workshops/1085): January 23-24, 2025
- Introductory Workshop (slmath.org/workshops/1086): January 27-31, 2025
- Detection, Estimation, and Reconstruction in Networks (slmath.org/workshops/1098): April 21-25, 2025

Extremal Combinatorics
- Connections Workshop - Extremal Combinatorics (slmath.org/workshops/1087): February 6-7, 2025
- Introductory Workshop - Graph Theory: Extremal, Probabilistic and Structural (slmath.org/workshops/1088): February 10-14, 2025
- Algebraic and Analytic Methods in Combinatorics (slmath.org/workshops/1091): March 17-21, 2025

Other Workshops
- Hot Topics: Interactions between Harmonic Analysis, Homogeneous Dynamics, and Number Theory **(slmath.org/workshops/1089): March 3-7, 2025**
- Critical Issues in Mathematics Education (CIME) 2025 (slmath.org/workshops/1139): April 2-4, 2025

Funding Support: 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 14 (limited to US Citizens and Permanent Residents, and foreign visitors with a visa status that allows for compensation, such as a J-1). See website for full details: slmath.org/family-services.

MSRI / Simons Laufer Mathematical Sciences Institute (SLMath) -ADJOINT 2025

Call for Applications: ADJOINT 2025

June 16 - July 27, 2025

SLMath invites applications for the **2025 ADJOINT yearlong program** that provides opportunities for U.S. mathematicians and statisticians – especially those from the African Diaspora – to conduct collaborative research on topics at the forefront of mathematical and statistical research. Participants will spend two weeks on site in Berkeley taking part by either:

- Joining **ADJOINT** small groups under the guidance of some of the nation's foremost mathematicians and statisticians to expand their research portfolio into a new area, or
- Applying to **Self-ADJOINT** as part of an existing or newly-formed independent research group to work on a new or established research project.

The 2025 on-site director is Dr. Naiomi Cameron (Spelman College). For full details of ADJOINT projects and leaders, visit **slmath.org/adjoint**.

Eligibility All ADJOINT and Self-ADJOINT participants must be U.S. citizens or permanent residents, possess a PhD in the mathematical or statistical sciences, and be employed at a U.S. institution. Self-ADJOINT researchers may be part of only one group's application.

How to Apply: Applications will be hosted on MathPrograms.org beginning in Fall 2024. Application Deadline: **February 4, 2025**.

Funding & Support: Lodging, meals, travel expenses, and post-programmatic travel support. Childcare grants are available for researchers with children under the age of 17 (see website for restrictions) and a nursing room is available.

MSRI / Simons Laufer Mathematical Sciences Institute (SLMath) -Research Programs

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 2025-26 research programs beginning August 1, 2024. Detailed information can be found at slmath.org/membership and slmath.org/programs.

- Kinetic Theory: Novel Statistical, Stochastic and Analytical Methods (Fall 2025)
- Recent Trends in Stochastic Partial Differential Equations (Fall 2025)
- Geometry and Dynamics for Discrete Subgroups of Higher Rank Lie Groups (Spring 2026)
- Topological and Geometric Structures in Low Dimensions (Spring 2026)

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, 2024** (Research Professors) and **November 15, 2024** (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.

MSRI, now SLMath, has been supported from its origins by the U.S. National Science Foundation, joined by the National Security Agency, over 115 Academic Sponsor departments, private foundations, and generous and farsighted individuals.

Partner Institution

POSITION AT PURDUE UNVIERSITY

Purdue University
 Department of Mathematics
 Position Title: Golomb Visiting Assistant Professor

The Department of Mathematics in the College of Science at Purdue University invites applications from recent Ph.D.s for multiple three-year positions as Golomb Visiting Assistant Professor. These positions come at a time of dynamic leadership and with significant investment in the College of Science - Purdue's second-largest college, comprising the mathematical, physical and life sciences. For information about our department, see www.math.purdue.edu.

Qualifications: The positions are open to mathematicians who will have completed their Ph.D. (or its equivalent) in mathematics or in a closely related field by August 17, 2025. Candidates must have a strong research record in mathematics, as evidenced by papers and preprints, and a record of teaching accomplishments.

Duties include continued research production, engagement with faculty and students, and teaching of undergraduate mathematics courses.

Applications should be submitted online through www.mathjobs.org and should include (1) the AMS cover sheet for academic employment, (2) a cover letter, (3) a curriculum vitae, (4) a research statement, (5) a teaching statement, and (6) three letters of recommendation, one of which discusses the candidate's teaching qualifications. In addition, for purposes of equity, to be considered for the position, applicants will also need to create a profile at SuccessFactors. Reference letter writers should be asked to submit their letters online through www.mathjobs.org. Direct all inquiries to mathexec@purdue.edu. All applications received by November 30, 2024, will be given full consideration. Some offers will be made before the end of January 2025. A background check will be required for employment in these positions.

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

This ad has been abbreviated to fit the page. You can see the ad in its entirety on our website.

Partner Institution

POSITION AT PURDUE UNVIERSITY

Purdue University
 Department of Mathematics
 Position Title: Assistant Professor of Mathematics

The Department of Mathematics in the College of Science at Purdue University invites applications for three or more multiple appointments in Mathematics to begin August 2025. We are seeking outstanding applicants in core areas of mathematics, pure and applied. These appointments will be at the level of assistant or associate professor.

Successful candidates will combine an outstanding record of research excellence with a commitment to effective and engaged teaching. They are expected to develop a vibrant research program supported by extramural funding, teach undergraduate and/or graduate mathematics courses to a diverse student body, and supervise graduate students. They will participate in the governance of the department, the College of Science, and Purdue University by serving on faculty committees. Senior faculty will also mentor junior faculty. Appointments will be made based on demonstrated research and teaching qualifications. Candidates must have a Ph.D. (or its equivalent) in mathematics or a closely related field.

These positions come at a time of engaged leadership and growth in the College of Science - Purdue's second-largest college, comprising the mathematical, physical and life sciences. Research within the Department of Mathematics spans multiple areas of pure and applied mathematics and extends to collaborations with partners across science and engineering.

There is also a large-scale interdisciplinary hiring effort across key strategic areas in the College, including mathematical and computational foundations, quantum computation, and data science.

Applications should be submitted online through www.mathjobs.org and should include (1) the AMS cover sheet for academic employment, (2) a cover letter, (3) a curriculum vitae, (4) a research statement, and (5) four letters of recommendation, one of which discusses the candidate's teaching qualifications. In addition, for purposes of equity, to be considered for the position, applicants will also need to create a profile at SuccessFactors. Reference letter writers should be asked to submit their letters online through www.mathjobs.org. Direct all inquiries to mathexec@purdue.edu. Applications are considered on a continuing basis but candidates are urged to apply by October 15, 2024 for full consideration.

Purdue University's Department of Mathematics is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. For more information about our department, see www.math.purdue.edu. A background check will be required for employment in this position.

Purdue University is an EOE/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

mathalliance@purdue.edu | www.mathalliance.org

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Partner Institution

POSITION AT UNVIERSITY OF WASHINGTON

Professor and Chair, Biostatistics

University of Washington: Academic Personnel: School of Public Health

Location
Seattle, Washington

Open Date
Aug 15, 2024

Description
The Department of Biostatistics within the School of Public Health at the University of Washington (UW) invites transformational leaders to submit an application to become its new Department Chair and Professor with Tenure.

The Department of Biostatistics is a leading center of excellence for the development and application of statistical methods and theory in the biomedical and health sciences. It has longstanding partnerships with many local research institutes and with the UW Department of Statistics (sharing core courses in its rigorous training programs). More information can be found at https://www.biostat.washington.edu/about.

The Chair of the UW Department of Biostatistics will support the department's mission of serving as a source of expertise and a locus for training and research in the quantitative aspects of public health and medicine, and a promoter of the uses of rigorous quantitative methods in biomedical research. The chair will build upon departmental and university strengths, leading with passion a department that works to inform, promote, and evaluate concrete actions to improve public health. The Chair will lead and serve as an advocate for a group of talented and committed faculty, staff, and students from diverse backgrounds dedicated to improving the well-being of communities in the United States and abroad. University of Washington faculty engage in teaching, research, and service.
Learn more at
https://www.biostat.washington.edu/about/employment/biostatisticschair

mathalliance@purdue.edu | www.mathalliance.org

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Partner Institution

POSITION AT UNVIERSITY OF MINNESOTA

The School of Mathematics in the University of Minnesota invites applications for multiple open TENURE-TRACK or TENURED faculty positions starting Fall semester 2025. We seek candidates with a record of excellence in research, teaching, and service. Applicants should possess a Ph.D. or equivalent degree in mathematics or a closely related field. The department is committed to building a diverse, supportive, and inclusive community for all students and faculty, and is particularly interested in candidates who have a demonstrated interest in furthering these goals.

How to Apply
Applications and all supporting materials must be submitted electronically through MathJobs, https://www.mathjobs.org/jobs/list/25041. Applicants must include the following: cover letter, curriculum vitae, at least 4 letters of recommendation (one of which should address teaching ability), a research statement, and a teaching statement. Applicants may also provide an optional statement to describe their prior contributions in service, outreach, and inclusion.

Reference letter writers should be asked to submit their letters online through https://www.mathjobs.org.

Applications received by **October 14, 2024** are ensured of receiving full consideration. This position will remain open until filled.

Employment Requirements
Any offer of employment is contingent upon the successful completion of a background check. Our presumption is that prospective employees are eligible to work here. Criminal convictions do not automatically disqualify finalists from employment.

Equal Employment Opportunity Statement
The University recognizes and values the importance of diversity and inclusion in enriching the employment experience of its employees and in supporting the academic mission. The University is committed to attracting and retaining employees with varying identities and backgrounds.

The University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression. To learn more about diversity at the U: http://diversity.umn.edu.

This ad has been abbreviated to fit the page. You can see the ad in its entirety on our website.

Partner Institution

POSITION AT UNVIERSITY OF MINNESOTA

The Dunham-Jackson Postdoctoral Associate is a three-year appointment in the School of Mathematics at the University of Minnesota that will begin in the Fall semester 2025. We seek candidates with demonstrated excellence in research and teaching. Preference will be given to applicants whose research interests are compatible with faculty in the department. The position has a teaching load of three one-semester courses per academic year.Salary is competitive. The department is committed to building a diverse, supportive, and inclusive community for all students and faculty, and is particularly interested in candidates who have a demonstrated interest in furthering these goals.

Applicants should have received or expect to receive a Ph.D. in mathematics or its equivalent no earlier than January 1, 2024 and no later than August 26, 2025. Applications and all supporting materials must be submitted electronically through MathJobs. Applicants must include the following: cover letter, curriculum vitae, a research statement, a teaching statement, and four letters of recommendation, at least one of which addresses teaching ability. Applicants may also provide an optional statement to describe their contributions in other aspects of their candidacy, such as service, outreach, and inclusion efforts. Reference letter writers should be asked to submit their letters online through mathjobs.org. Applications received by Monday, December 2, 2024 will receive full consideration, and we will continue reviewing applications for as long as positions are available.

About the Department: The School of Mathematics, located in the heart of the University of Minnesota's College of Science and Engineering, features over sixty faculty and more than 120 graduate students engaged in world-class research across all areas of mathematics. Its core educational mission is to provide students with the analytical skills to thrive in the modern workplace, while fostering an inclusive and inspiring environment where everyone can achieve their full potential.

The School is supported by numerous centers which extend the research and outreach missions of the department, including the Institute for Mathematics and its Applications, the Minnesota Center for Financial and Actuarial Mathematics, the Minnesota Center for Industrial and Applied Mathematics, and the School of Mathematics Center for Educational Programs which houses UMTYMP - our program for mathematically talented Minnesota youth.

Working at the University: At the University of Minnesota, you'll find a flexible work environment and supportive colleagues who are interested in lifelong learning. We prioritize work-life balance, allowing you to invest in the future of your career and in your life outside of work. Please visit the Office of Human Resources website for more information regarding benefits: https://hr.umn.edu/.

Diversity: The University recognizes and values the importance of diversity and inclusion in enriching the employment experience of its employees and in supporting the academic mission. The University is committed to attracting and retaining employees with varying identities and backgrounds.

The University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression. To learn more about diversity at the U: http://diversity.umn.edu.

Employment Requirements: Any offer of employment is contingent upon the successful completion of a background check. Our presumption is that prospective employees are eligible to work here. Criminal convictions do not automatically disqualify finalists from employment.

Member Institution

POSITION AT UNVIERSITY OF MASSACHUSETTS, AMHERST

Job Description
The Department of Mathematics and Statistics at the UMass Amherst seeks to hire an academic-year, tenure-track faculty member in Machine Learning, starting in Fall 2025. For this assistant professor position we are seeking top candidates with an exceptional mathematical background, working in areas ranging from the mathematical and statistical foundations of artificial intelligence to uncertainty quantification and scientific machine learning. Under exceptional circumstances, highly qualified candidates at other ranks may receive consideration. We welcome all applications and encourage applications from candidates with backgrounds that are traditionally underrepresented in the mathematical sciences.

The Department of Mathematics and Statistics at UMass Amherst includes dynamic groups in pure mathematics, applied mathematics, and statistics. A successful candidate will enhance the Department's nationally recognized research environment in Machine Learning and related fields, including deep learning, generative modeling, uncertainty quantification, optimization, differential privacy, optimal transport, information theory, Bayesian methods, inference, inverse problems, numerical analysis, and scientific computing.

We are an R1 research university with strong grant funding and a baseline teaching load of three semester courses per year, which can be reduced through research funding buyouts. It is common for new faculty to teach two semester courses per year for the first two years. Our tenure system faculty typically teach upper level undergraduate and graduate courses, with flexibility to create courses of our choosing. The Pioneer Valley is a wonderful place to live, and UMass is also interested in helping to resolve two body problems. We have excellent benefits including a generous state pension system and parental leave program. Faculty contracts are collectively bargained via a union that is part of the Massachusetts Society of Professors.

Requirements
Applicants must present strong evidence of outstanding research accomplishments and promise in both research and teaching. Applicants are required to have a Ph.D. in Mathematics, Statistics or a related field by the time of appointment.

Additional Information
Along with the application, please submit the following: a cover letter, curriculum vitae, description of research, statement about teaching experience and interests, a statement on contributions to inclusive excellence (see below), and three (3) letters of recommendation (at least one letter must also address the applicant's effectiveness as a teacher).

Please submit materials online to Mathjobs: https://www.mathjobs.org/jobs

Review of applications will begin on **November 1, 2024** and continue until the position is filled. Questions about the position should be directed to the chair of the Search Committee, Professor Markos Katsoulakis, markos@umass.edu. For additional information about the application process, contact David Rodriguez, davdrodrigu@umass.edu.

UMass Amherst is committed to a policy of equal opportunity without regard to race, color, religion, caste, creed, sex, age, marital status, national origin, disability, political belief or affiliation, pregnancy and pregnancy-related condition(s), veteran status, sexual orientation, gender identity and expression, genetic information, natural and protective hairstyle and any other class of individuals protected from discrimination in employment, admission to and participation in academic programs, activities, and services, and the selection of vendors who provide services or products to the University. To fulfill that policy, UMass Amherst is further committed to a program of affirmative action to eliminate or mitigate artificial barriers and to increase opportunities for the recruitment and advancement of qualified minorities, women, persons with disabilities, and covered veterans. It is the policy of UMass Amherst to comply with the applicable federal and state statutes, rules, and regulations concerning equal opportunity and affirmative action.

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Member Institution

POSITION AT UNVIERSITY OF MASSACHUSETTS, AMHERST

Job Description
The Department of Mathematics and Statistics at the UMass Amherst seeks to hire an academic-year, tenure-track faculty member in Discrete Mathematics and Combinatorics, starting in Fall 2025. For this assistant professor position we are seeking excellent candidates with a strong mathematical background; areas of interest include, but are not restricted to: combinatorics (widely interpreted, including algebraic, analytic, enumerative, extremal, polyhedral and probabilistic combinatorics), graph theory, coding and information theory, combinatorial optimization, and applications of discrete mathematics to theoretical computer science.
Under exceptional circumstances, highly qualified candidates at other ranks may receive consideration. We welcome all applications, and encourage applications from candidates with backgrounds that are traditionally underrepresented in the mathematical sciences.

Requirements
Applicants must present strong evidence of research accomplishments and promise in both research and teaching. Applicants are required to have a Ph.D. in Mathematics or a related field by the time of appointment.

Additional Information
Along with the application, please submit the following: a cover letter, curriculum vitae, description of research, statement about teaching experience and interests, a statement on contributions to inclusive excellence (see below), and three (3) letters of recommendation (at least one letter must also address the applicant's effectiveness as a teacher).

Please submit materials online to Mathjobs: https://www.mathjobs.org/jobs

Review of applications will begin on **November 1, 2024** and continue until the position is filled. Questions about the position should be directed to the chair of the Search Committee, Professor Annie Raymond annieraymond@umass.edu. For additional information about the application process, contact David Rodriguez, davdrodrigu@umass.edu.

UMass Amherst is committed to a policy of equal opportunity without regard to race, color, religion, caste, creed, sex, age, marital status, national origin, disability, political belief or affiliation, pregnancy and pregnancy-related condition(s), veteran status, sexual orientation, gender identity and expression, genetic information, natural and protective hairstyle and any other class of individuals protected from discrimination in employment, admission to and participation in academic programs, activities, and services, and the selection of vendors who provide services or products to the University. To fulfill that policy, UMass Amherst is further committed to a program of affirmative action to eliminate or mitigate artificial barriers and to increase opportunities for the recruitment and advancement of qualified minorities, women, persons with disabilities, and covered veterans. It is the policy of UMass Amherst to comply with the applicable federal and state statutes, rules, and regulations concerning equal opportunity and affirmative action.

mathalliance@purdue.edu | www.mathalliance.org

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Member Institution

POSITION AT UNVIERSITY OF ALABAMA

Assistant Professor in Algebra

The Department of Mathematics at The University of Alabama invites applications for two tenure-track positions at the Assistant Professor level in Pure Mathematics. The appointment will begin on August 16, 2025.

The department is seeking applicants with research and teaching expertise in the area of Algebra. We are especially interested in candidates who can strengthen our existing faculty/research in algebra, specifically in the areas of Algebraic Combinatorics, Algebraic Geometry, Cluster Algebras, Commutative Algebra, and Representation Theory. Applicants are expected to have postdoctoral experience and show solid evidence of research productivity beyond the doctoral dissertation.

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, 2025.

Applicants should complete the online application at http://careers.ua.edu/cw/en-us/job/524835. The application should include a letter of application, a current curriculum vita, a research statement, a teaching statement, and at least three letters of recommendation (one of which concerns teaching). The recommendation letters should be submitted electronically through MathJobs (https://www.mathjobs.org/jobs/list/25267).

Applications will be reviewed on an ongoing basis starting **November 1, 2024**, and will continue to be accepted until the position is filled.

The University of Alabama is an Equal Employment/Equal Educational Opportunity Institution.

Member Institution

POSITION AT UNVIERSITY OF ALABAMA

Assistant Professor in Topology

The Department of Mathematics at The University of Alabama invites applications for one tenure-track position at the Assistant Professor level in Pure Mathematics. The appointment will begin on August 16, 2025.

The department is seeking applicants with research and teaching expertise in the area of Topology. We are especially interested in candidates who can strengthen our existing faculty/research in topology, which is broadly in Geometric Topology, and it specifically includes: Low Dimensional Geometry and Topology, Symplectic and Contact geometry, and Floer and Khovanov homologies. Applicants are expected to have postdoctoral experience and show solid evidence of research productivity beyond the doctoral dissertation.

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, 2025.

Applicants should complete the online application at http://careers.ua.edu/cw/en-us/job/524751 .The application should include a letter of application, a current curriculum vita, a research statement, a teaching statement, and at least three letters of recommendation (one of which concerns teaching). The recommendation letters should be submitted electronically through MathJobs (www.mathjobs.org).
https://www.mathjobs.org/jobs/list/25266

Applications will be reviewed on an ongoing basis starting **November 1, 2024,** and will continue to be accepted until the position is filled.

The University of Alabama is an Equal Employment/Equal Educational Opportunity Institution.

Member Institution

POSITION AT UNVIERSITY OF ALABAMA

Associate/Full Professor Tenured/Tenure-track Faculty Position in Applied Mathematics

The University of Alabama Department of Mathematics invites applications for one tenured/tenure-track position at the Associate or Full Professor rank in Applied Mathematics, as part of a machine-learning focused cluster hire, with an expected starting date of August 16, 2025.

The successful candidates for this position will be expected to augment the department's strengths in applied mathematics by combining mathematical modeling, computational, and theoretical approaches with ML/AI techniques, as well as to take advantage of a new $96 million-dollar High Performance Computing and Data Center that will come online in 2024-2025. More information about the department can be found on the department's website www.math.ua.edu.

The minimum qualifications for this position are Ph.D. or equivalent in mathematics or a closely related field, postdoctoral experience, scholarly publications, and experience in ML/AI. Candidates are expected to have an outstanding research record commensurate with their career stage and develop a high quality, externally funded research program, as well as teach and mentor at the undergraduate and graduate levels effectively.

The successful candidate is expected to possess a national/international reputation with an active research program, a record of securing multiple external research grants, and an outstanding record of teaching at the undergraduate and graduate level. Extraordinary candidates will be nominated for the Endowed Shelby Distinguished Faculty position: https://provost.ua.edu/the-shelby-endowment-for-distinguished-faculty/

The review of applications will begin **November 15, 2024,** and will continue until the position is filled. Applications should include a letter of application, a current curriculum vitae, a research statement, a teaching statement, and at least four letters of recommendation (one of which concerns teaching). The recommendation letters should be submitted electronically through MathJobs (https://www.mathjobs.org/jobs/list/25260).

Applications must be submitted online at the University of Alabama website at http://careers.ua.edu/cw/en-us/job/524856

Member Institution

POSITION AT UNVIERSITY OF CALIFORNIA, RIVERSIDE

Assistant Professor of Applied and Computational Mathematics- University of California Riverside

The Department of Mathematics at the University of California, Riverside invites applications for an Assistant Professor position in Applied and Computational Mathematics, beginning on 1 July 2025. The desired specialties include Mathematical foundations of machine learning and data science, computational modeling of fluids, optimization, computational methods for nonlinear partial differential equations, and quantum computing. This academic-year position is intended for the level of tenure-track Assistant Professor.

Responsibilities of the position include research, graduate and undergraduate teaching, and departmental, university, and professional service. Established criteria of the University of California will determine the salary and the level of appointment.

The UC salary consists of a base pay of $74,600 to $97,200 for Assistant Professors and additional off- scale to be commensurate with market value, qualifications and experiences. The off-scale portion of the salary will be maintained as long as satisfactory academic progress is made. Additionally, the off-scale will be maintained subject to market adjustments to the UC salary scale.

Basic qualifications for this position that must be met by the date of application include:
• A Ph.D. in Mathematics or Applied Mathematics and demonstrated excellence in research and teaching is required. The successful candidate will have made major contributions beyond the doctoral dissertation. Additional qualifications for this position that must be met by the date of hire include:
• The desired specialties include mathematical foundations of machine learning and data science, computational modeling of fluids, optimization, computational methods for nonlinear partial differential equations, and quantum computing.
Preferred qualifications for this position include:
• Contributions to promote diversity.
Advancement through the Assistant Professor ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

To apply: submit the following items to **https://apptrkr.com/5654666**:
• Cover Letter;
• Curriculum Vitae;
• Letters of Reference - at least three that address research and at least one that addresses teaching;
• Statement of Research;
• Statement of Teaching;
• Teaching Evaluations, and (optionally) copies of teaching evaluations;
• Statement of Past and/or Planned Future Contributions to Advancing Diversity and Inclusive Excellence.

Review of applications will commence on **November 30, 2024** and proceed until position is filled. For full consideration, applicants should submit their complete applications prior to the above date.

For more information about this position, please contact Dr. Mark Alber, Chair of the Search Committee, Department of Mathematics, at mark.alber@ucr.edu. For questions on application procedures and requirements, please contact Ms. Ashleigh Bennett, Academic Personnel, at ashleigh.bennett@ucr.edu.

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

For the University of California's Affirmative Action Policy please visit: https://policy.ucop.edu/doc/4010393/PPSM-20.
For the University of California's Anti-Discrimination Policy, please visit: https://policy.ucop.edu/doc/1001004/Anti-Discrimination.

To apply, please visit: https://apptrkr.com/5654666

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Member Institution

POSITION AT BAYLOR UNVIERSITY

The Department of Statistical Science at Baylor University invites applications for a Clinical Assistant Professor position starting in Fall 2025. The successful applicant will join a dynamic faculty in advancing our core mission to develop well-rounded statisticians through meaningful mentorships, diversified educational experiences, and scholarly research methods and opportunities.

This Clinical Assistant Professor will serve as the assistant director of the Department of Statistical Science Consulting Lab. Duties will include consulting with graduate students and faculty from other departments on campus, consulting with off-campus industry clients, mentoring PhD statistics students in consulting projects, and supporting the center's operations. The candidate will also be expected to teach two courses per semester, primarily applied statistical methods for non-statisticians. This appointment is a renewable full-time, benefits-eligible position with a 6-year promotion path to Clinical Associate Professor for successful candidates and a 12-year promotion path to Clinical Professor for highly successful candidates (See Policy on Clinical Faculty at Baylor University (BU-PP 719))

Qualifications
• Master's degree in statistics or a related discipline required.
• Doctoral degree in in statistics or a related discipline preferred.
• Significant relevant work experience preferred.
• Candidates with industry or statistical consulting experience are particularly encouraged to apply.
The Department particularly welcomes applications from candidates with a demonstrated interest or research program in biostatistics, clinical trials, public health, or other areas of biostatistics. However, research is not a formal requirement.

Application Instructions
Please submit the following materials electronically via Interfolio (http://apply.interfolio.com/148180)
• A letter of application (cover letter);
• A statement of teaching interests;
• A current curriculum vitae;
• A copy of the official transcript from the highest-degree granting institution (if the doctorate is in progress, a copy of the official transcript of completed doctoral hours should be submitted);
• The contact information for three individuals who will provide letters of recommendation through Interfolio by the due date.

All applicants must complete the self-disclosed Religious Affiliation Form in Interfolio. All materials must be received by **11 PM CST on 10/15/2024**.

Questions concerning the position should be directed to Rod Sturdivant, Search Committee Chair, at Rodney_Sturdivant@baylor.edu

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, military service, genetic information, and disability. Baylor's commitment to equal opportunity and respect of others does not undermine the validity and effect of the constitutional and statutory protections for its religious liberty, including, without limitation, the religious organization exemption under Title VII of the Civil Rights Act of 1964, the religious exemption to Title IX of the Education Amendments of 1972, and the Free Exercise Clause of the First Amendment to the United States Constitution, among others. Baylor encourages women, minorities, veterans, and individuals with disabilities to apply.

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Member Institution

POSITION AT BAYLOR UNVIERSITY

The Department of Statistical Science at Baylor University invites applications for a tenure-track faculty position starting in Fall 2025 at either the **Assistant or Associate Professor** rank. The successful applicant will join our dynamic faculty in helping to advance our core mission to provide quality statistics instruction at all levels, to make significant contributions to the discovery and dissemination of statistical knowledge, and to develop, within a Christian environment, ethical scholars, skilled professionals, and educated leaders who are sensitive to the needs of society. Faculty in the Department are supportive and eager to collaborate.

About Baylor University: Located in Waco, Texas, Baylor University is the oldest college in Texas. With a population of 21,000 diverse students, Baylor is one of the top universities in the nation, having been named an R1 institution by the Carnegie Classification in January 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 allowing faculty and staff 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.

Qualifications
• Candidates must possess a doctoral degree in statistics or a related discipline by the time of the appointment.
• Candidates with demonstrated interests and accomplishments in data science and/or biostatistics are especially encouraged to apply.
• Candidates should have a sustained record of research excellence and demonstrate the potential for continuing research productivity.
• Candidates for the associate professor rank must have research and scholarly accomplishments commensurate with an appointment for an advanced rank.
• Successful candidates will have the ability and interest to teach undergraduate and graduate students, provide research mentorship to students in our doctoral program.
• This position is expected to establish and maintain external funding to support the program of research at a level consistent with those at peer R1 institutions.

Application Instructions
Please submit the following materials electronically via Interfolio **(http://apply.interfolio.com/148187)**:
• A letter of application (cover letter);
• A statement of research interests;
• A statement of teaching philosophy, experience, and interest;
• A current curriculum vitae;
• A copy of the official transcript from the highest-degree granting institution (if the doctorate is in progress, a copy of the official transcript of completed doctoral hours should be submitted);
• The contact information for three individuals willing to provide letters of recommendation through Interfolio by the due date.
As part of the application process, all applicants must complete a self-disclosed Religious Affiliation Form.
All materials must be received by **11 PM Central on 10/15/2024**.

Equal Employment Opportunity Statement
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, military service, genetic information, and disability. Baylor's commitment to equal opportunity and respect of others does not undermine the validity and effect of the constitutional and statutory protections for its religious liberty, including, without limitation, the religious organization exemption under Title VII of the Civil Rights Act of 1964, the religious exemption to Title IX of the Education Amendments of 1972, and the Free Exercise Clause of the First Amendment to the United States Constitution, among others. Baylor encourages women, minorities, veterans, and individuals with disabilities to apply.

EEO/M/F/Vets/Disabled

Member Institution

POSITION AT UNVIERSITY OF MICHIGAN

The Department of Statistics at the University of Michigan, Ann Arbor, invites applications for multiple opportunities beginning August 25, 2025. We are recruiting for two tenure-track positions at the Assistant Professor levels. 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 accomplishments or potential in research and teaching are encouraged to apply.

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, 2024 and continue until the position is filled. To ensure full consideration, apply at this link by **October 20, 2024**. 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). 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 15, 2024**. For more information and to apply, visit https://ncid.umich.edu/initiatives/lsa-collegiate-fellowship-program/

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. Employment will require a criminal background check and candidates must meet all degree requirements prior to the start date of the position.

POSITION AT
WILLIAMS COLLEGE

The Williams College Department of Mathematics and Statistics invites applications for a tenure-track position in applied mathematics, beginning fall 2025, at the rank of assistant professor. The candidate should have a Ph.D. in Applied Mathematics, Mathematics, or a closely related field by the time of appointment. We are seeking candidates who are committed to inclusive undergraduate education and show evidence and/or promise of excellence in teaching students from diverse backgrounds as well as a strong research program in applied mathematics that can engage undergraduate students. Williams College is committed to fostering a diverse and inclusive academic community. We strongly encourage candidates from under-represented identities and others who will contribute to the diversification and enrichment of ideas and perspectives to apply. Preference will be given to candidates whose research area complements the department's current research areas. The candidate will join a department that actively supports interdisciplinary research and is expanding its existing applied curriculum. We welcome applications from all applied areas.

The teaching load is two courses per semester and a winter term course every other January. Our department offers a vibrant undergraduate program with majors in mathematics (including an applied mathematics emphasis) and statistics; for more information, see math.williams.edu. The multidisciplinary environment is a rich and collegial setting for student education and faculty research. Williams College provides the opportunity to apply for student research assistant support, an annual allocation of funds to support travel and research, a shared computer cluster for parallel computation, a grants office, and several internal research funding opportunities. In addition, Williams College offers faculty participation in the college's professional development program First3 and in the NCFDD Faculty Success Program, and support through the newly established Rice Center for Teaching.

Please submit your application via MathJobs: https://www.mathjobs.org/jobs/list/24857. In your application materials, we ask you to address how your teaching, scholarship, mentorship and/or community service might support our commitment to diversity and inclusion. Your application should include the following components:

1) A cover letter. This should provide a brief summary of your professional experience and future goals and should address your interest in working at Williams College in particular.
2) A current CV.
3) A research statement.
4) A teaching statement. This should address your teaching philosophy and experience, ways in which you foster an inclusive learning environment, and other reflections or relevant information you would like to share.
5) Three recommendation letters, at least one of which addresses your teaching experience.

If you have questions about this position, contact Prof. Susan Loepp (sloepp@williams.edu) and/or Prof. Julie Blackwood (jcb5@williams.edu).

Applications will be accepted until the position is filled, but all applications received by November 1, 2024 will be guaranteed full consideration. All offers of employment are contingent upon completion of a background check.

Further information is available at https://faculty.williams.edu/prospective-faculty/background-check-policy.

Williams College is a liberal arts institution located in the Berkshire Hills of western Massachusetts. The college has built its reputation on outstanding teaching and scholarship and on the academic excellence of its approximately 2,000 students. Please visit the Williams College website (www.williams.edu). Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.

POSITION AT
CLAREMONT MCKENNA COLLEGE

Title: Assistant Professor in Mathematics
Category: Tenure-track
Institution: Claremont McKenna College
Department: Mathematical Sciences Department
Department URL: http://www.claremontmckenna.edu/math/
Posting URL: https://webapps.cmc.edu/jobs/faculty/faculty_opening_detail.php?PostingID=17066

Description:
The Department of Mathematical Sciences at Claremont McKenna College (CMC) invites applications for a tenure-track position, at the early assistant professor level in Mathematics, in particular, in the areas of Analysis, Geometry, or Number Theory. The position will begin on July 1, 2025. The successful candidate is expected to hold a Ph.D. by the time of the appointment.

The successful applicant will teach mathematics courses offered by the Department of Mathematical Sciences. The teaching load is two courses per semester. The candidate must have a demonstrated ability to maintain an independent, active, high quality research program and the highest standards of excellence in teaching.

Given the College's commitment to cultivating an inclusive educational environment, we seek candidates who can demonstrate a commitment to teaching, mentoring, and inspiring students representing a broad range of socioeconomic backgrounds, political opinions, genders, races, ethnicities, nationalities, sexual orientations, and religions. Moreover, as part of its commitment to The Open Academy, the College values freedom of expression, viewpoint diversity, and constructive dialogue.

Applications should include a cover letter; curriculum vitae; detailed research statement; teaching statement that addresses the candidate's ability to teach, mentor, and inspire students representing a broad range of backgrounds; evidence of teaching effectiveness; and a list of publications.

Approximate salary range:
$95,000 - $105,000

Applications must be submitted electronically at MathJobs.Org.

Please use the following link to apply directly using the Math Jobs portal:
https://www.mathjobs.org/jobs/list/24827

Complete applications, including three or more letters of recommendation, will be reviewed beginning **November 15, 2024**. Review of complete applications will continue until the position is filled. Preliminary interviews will be conducted via Zoom.

Claremont McKenna College is a highly selective undergraduate institution ranked among the top liberal arts colleges nationally. It is part of The Claremont Colleges, which also includes Pomona College, Scripps College, Harvey Mudd College, Pitzer College, Claremont Graduate University, and Keck Graduate Institute. The Claremont Colleges consortium constitutes an academic community of more than 9,000 students. Claremont is located 35 miles east of downtown Los Angeles.

The Claremont Center for the Mathematical Sciences (CCMS) at Claremont aims to promote excellence in research and teaching in mathematical sciences by combining the resources of the individual members of the Claremont Colleges consortium for the benefit of the extended mathematical community. It unites under its auspices an active community of over 50 mathematicians, fosters exchange of ideas and collaboration and supports a weekly mathematics colloquium and a full range of regular research seminars.

Claremont McKenna College is an equal opportunity employer. In a continuing effort to enrich its academic environment and provide equal educational and employment opportunities, the College actively encourages applications from members of historically under-represented groups in higher education.

POSITION AT
CLAREMONT MCKENNA COLLEGE

Title: Assistant / Associate Professor in Data Science
Category: Tenure-track
Institution: Claremont McKenna College
Department: Mathematical Sciences Department
Department URL: http://www.claremontmckenna.edu/math/
Posting URL: https://webapps.cmc.edu/jobs/faculty/faculty_opening_detail.php?PostingID=17068

Description:
The Department of Mathematical Sciences at Claremont McKenna College (CMC) invites applications for a Tenure-Track Assistant Professorship/Tenured Associate Professorship in Data Science. The position will begin on July 1, 2025. The successful candidate is expected to hold a Ph.D. by the time of the appointment.

The successful applicant will teach courses in computer and data science at all levels offered by the Department of Mathematical Sciences. The teaching load is two courses per semester. The candidate must have demonstrated ability to maintain an active, high quality research program and the highest standards of excellence in teaching.

Given the College's commitment to cultivating an inclusive educational environment, we seek candidates who can demonstrate a commitment to teaching, mentoring, and inspiring students representing a broad range of socioeconomic backgrounds, political opinions, genders, races, ethnicities, nationalities, sexual orientations, and religions. Moreover, as part of its commitment to The Open Academy, the College values freedom of expression, viewpoint diversity, and constructive dialogue.

Approximate salary range:
$95,000 - $145,000

Application must be submitted electronically at MathJobs.Org or AcademicJobsOnline.Org.

Please use the following links below to apply to the position on either MathJobs or Academic Jobs Online.
https://www.mathjobs.org/jobs/list/24828

https://academicjobsonline.org/ajo/jobs/27896

Applications should include a cover letter; curriculum vitae; research statement; teaching statement that addresses the candidate's ability to teach, mentor, and inspire students representing a broad range of backgrounds; evidence of teaching effectiveness; and a list of publications.

Complete applications, including three or more letters of recommendation, will be reviewed beginning **November 1, 2024**. Review of complete applications will continue until the position is filled. Preliminary interviews will be conducted via Zoom.

Claremont McKenna College is a highly selective undergraduate institution ranked among the top liberal arts colleges nationally. It is part of The Claremont Colleges, which also includes Pomona College, Scripps College, Harvey Mudd College, Pitzer College, Claremont Graduate University, and Keck Graduate Institute. The Claremont Colleges consortium constitutes an academic community of more than 9,000 students. Claremont is located 35 miles east of downtown Los Angeles.

The Claremont Center for the Mathematical Sciences (CCMS) at Claremont aims to promote excellence in research and teaching in mathematical sciences by combining the resources of the individual members of the Claremont Colleges consortium for the benefit of the extended mathematical community. It unites under its auspices an active community of over 50 mathematicians, fosters exchange of ideas and collaboration and supports a weekly mathematics colloquium and a full range of regular research seminars.

Claremont McKenna College is an equal opportunity employer. In a continuing effort to enrich its academic environment and provide equal educational and employment opportunities, the College actively encourages applications from members of historically under-represented groups in higher education.

POSITION AT
REED COLLEGE

The Reed College Mathematics & Statistics Department invites applications for a tenure-track faculty position in mathematics, to begin August 2025. 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 website (https://www.mathjobs.org/jobs/list/24765) 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. As a small department, we are particularly interested in applications from candidates whose research interests complement rather than duplicate those of current faculty members.

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 diversity and inclusive educational practices as essential to the excellence of our academic program; see the College's diversity and anti-racism statements (http://www.reed.edu/diversity/). Within your application materials, please indicate the ways in which your past and current teaching, scholarship, mentorship, and/or community service has supported these values.

Applications will be accepted until the position is filled, but they should be received by **October 20, 2024** to guarantee full consideration. Any questions may be directed to the chair of the search committee, Luda Korobenko, at korobenko@reed.edu.

POSITION AT
IOWA STATE UNIVERSITY

The Department of Statistics, jointly administered by the College of Agriculture and Life Sciences and the College of Liberal Arts and Sciences at Iowa State University, seeks a tenure-track assistant professor with expertise in statistics and data science. The successful candidate will develop and sustain a high-quality and high-impact research program, successfully compete for external funding, and collaborate with world-class researchers at Iowa State in statistics and other disciplines. Further, the successful candidate will engage in professional and institutional service, teach graduate and undergraduate statistics courses, and advise graduate students in one of the first and largest statistics graduate programs in the country.

Required Minimum Qualifications:
A Ph.D. or equivalent degree in statistics or a closely related discipline by start date

Preferred Qualifications:
Foundational knowledge of statistics

The ability to teach statistics courses at the undergraduate and graduate levels

The ability to develop and sustain a high-impact research program with the potential to secure external research funding

The ability to collaborate effectively with researchers across various disciplines, such as agriculture, life sciences, and liberal arts and sciences

Apply Online: https://isu.wd1.myworkdayjobs.com/IowaStateJobs/job/Ames-IA/Assistant-Professor-in-Statistics_R15394

For any questions regarding the application, please contact Kathy Kiesling (kiesling@iastate.edu).

If you have questions regarding this application process, please email employment@iastate.edu or call 515-294-4800 or Toll Free: 1-877-477-7485.

POSITION AT BARNARD COLLEGE

Job: Assistant Professor of Mathematics

Position Description:
The Department of Mathematics at Barnard College invites applications for two tenure-track faculty positions at the rank of Assistant Professor to begin July 1, 2025. Candidates in all fields of pure mathematics are encouraged to apply. All candidates should have a PhD degree, an outstanding record in research, and be committed to excellence in teaching. Duties include research, service, and teaching at the undergraduate and graduate levels.

Application Requirements:
Applicants must submit a cover letter, teaching and research statements, a curriculum vitae, a list of publications, and at least three letters of recommendation (one of which must address teaching). In the letter of application, we ask you to speak to your ability to work effectively with a student population that is broadly diverse with regard to gender and gender expression, race, ethnicity, nationality, sexual orientation, and religion.

The deadline for applications is December 1, 2024, and preference will be given to those who submit by November 20, 2024. Apply at: https://barnard.wd1.myworkdayjobs.com/en-US/Faculty/job/Assistant-Professor-of-Mathematics_JR4102

Letters of Reference will be requested shortly following your application. Please be prepared to share the names and contact information for three professional references. They will then be contacted directly via Workday to submit your reference.

Salary: $85,000 - $133,000 annually

The salary of the finalist selected for this role will be set based on a variety of factors, including but not limited to departmental budgets, qualifications, experience, education, licenses, specialty, and training. The above hiring range represents the College's good faith and reasonable estimate of the range of possible compensation at the time of posting.

Barnard College is an historically women's college in New York City affiliated with Columbia University. We are an Equal Opportunity Employer and are actively committed to creating a diverse and inclusive community. Barnard does not discriminate due to race, color, creed, religion, sex, sexual orientation, gender and/or gender identity or expression, marital or parental status, national origin, ethnicity, citizenship status, veteran or military status, age, disability, or any other legally protected basis, and to the extent permitted by law. We encourage applications from women, people of color, persons with disabilities, LGBTQ people, and individuals from other underrepresented groups.