



Upcoming Events

Women in Stat & Data Science Conference

St. Louis, MO
Oct.,6-8, 2022

2022 Field of Dreams Conference

Minneapolis, MN
Nov. 4- 6, 2022

[Register here](#)

2022 FOD Career Fair

Virtual
Nov. 17, 2022

Thoughts from the Director...



David Goldberg
Executive
Director of the
Math Alliance

It is hard to believe we are here, a month away from convening the Field of Dreams Conference as an in-person event for the first time since 2019. Things look good, or as good as can be, and there is a great deal of anticipation among the Math Alliance staff. There are 88 students enrolled in F-GAP and a majority of them will be coming to the conference. We're expecting 100 students overall, and while this is about half of the pre-pandemic number, there is sure to be great energy and enthusiasm. In terms of non-student attendees, our registration numbers look very similar to 2019 at this point. So, there is every reason to believe we will have great attendance and a great meeting.

The tentative conference agenda has been [posted](#), and I'll remind you that our fantastic plenary speakers are:

- **Kimberly Sellers** (Statistical Sciences)
- **Michael Young** (Math Sciences)
- **Federico Ardila** (Keynote).

Conference veterans will notice several new sessions and we are looking forward to seeing how these will go.

One decision we made recently was to move the Career Fair to a separate, virtual, event which will take place in the weeks after the Field of Dreams Conference. This Career Fair connects Math Alliance Scholars with graduate degrees with potential employers. We believe holding the fair virtually will maximize participation by both Scholars and employers. We will have more details on this event very soon.

As we are in the middle of Hispanic Heritage Month, I want to remind everyone of the annual [Lathisms calendar](#), that will run through October 15. As usual several of the honorees are Math Alliance Mentors or Scholars, and, when the calendar is complete, we'll mention them in next month's newsletter. It is great to read the stories of all the Lathisms honorees, and I really appreciate the work by the Lathisms team (which also includes many from our community) to shine a light on these individuals.

I am looking forward to seeing all those coming to the Field of Dreams Conference in Minneapolis in November. Travel safe and we'll see you there!

2022 Field of Dreams Conference



The [2022 Field of Dreams Conference](#) will be in-person and will be hosted by [The University of Minnesota](#) and [The Institute for Mathematics and Its Applications](#). The conference will be held the weekend of November 4-6, 2022 at The Graduate Hotel, Minneapolis, MN.

We have a discounted nightly rate, at this hotel during the conference. To book the discounted rate, please book through this link [Graduate Minneapolis | IMA Field of Dreams Conference](#).

To register for the conference, please use the registration [website](#). If you have any questions, please contact Rebecca Lank at lankr@purdue.edu. We are excited to see everyone in November!

2022 Field of Dreams Career Fair– *Virtual*



After discussions among our leadership and consulting with various parties, we have decided to move the Career Fair to a virtual event to be held after the Field of Dreams Conference (date to be fixed shortly). We believe attendance by the job candidates at a virtual version of this event will be significantly greater than at the in-person conference, and so we think it will be better for all parties.

If you registered for a Career Fair table at the Field of Dreams Conference, you will be able to have a virtual table at the virtual Career Fair with no additional charge. If you purchased a separate Career Fair table and decide you don't want to attend the virtual event, we can refund your fee for that table. If this change in our format means you would prefer not to attend the Field of Dreams Conference, then we can refund your full registration. We apologize if this causes any inconvenience.

Mentoring the Missing Millions

Link to the article: <https://sinews.siam.org/Details-Page/mentoring-the-missing-millions>

NSF Graduate Research Fellowship Program (GRFP)

The NSF Graduate Research Fellowship Program (GRFP). Is accepting applications. Interested students should begin at the applicant information page <http://www.nsfgrfp.org>. The GRFP supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics disciplines who are pursuing research-based master's and doctoral degrees at accredited United States institutions. The program provides up to three years of graduate education support, including an **annual \$37,000 stipend**.

Applications for Mathematical Sciences topics are **due October 21, 2022**.

US citizens and permanent residents who are planning to enter graduate school in fall 2023 are eligible (as are those in the first two years of such a graduate program, or who are returning to graduate school after being out for two or more years). The program solicitation NSF 22-614 (http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6201) contains full details. See also the GRFP FAQ document NSF 21-109 (<https://www.nsf.gov/pubs/2021/nsf21109/nsf21109.pdf>).

The GRFP awards more than 1,500 new fellowships each year. In the years 2013 through 2022, GRFP awards in the mathematical sciences have been given to more than 850 students who earned baccalaureate degrees from approximately 200 colleges and universities throughout the US. The number of baccalaureate institutions has been growing through the years.

The GRFP also needs qualified faculty reviewers. Review panels are conducted by videoconference. Please see the reviewer information page (<https://www.nsfgrfp.org/reviewers>) and consider registering as a prospective reviewer (<https://nsfgrfpreviewers.org/newUser.jsp>).

AMS Elections

As mentioned in last month's newsletter there are several members of the Math Alliance Community running for elected positions with the American Mathematical Society, and voting is open through November 1. Below is a brief list of those who are either Mentors, Scholars, or who have had some other affiliation with the Math Alliance. Of course, there are many things to consider when casting your ballot, but knowing these folks are working toward our shared goals may be helpful in making your choices.

- **Vice President:** Amy Radunskaya (Pomona College), and Bianca Viray (University of Washington)
- **Board of Trustees:** Judy Walker (University of Nebraska Lincoln)
- **Council Member at Large:** Christine Berkesch (University of Minnesota), Dawn Lott (Delaware State University), William Massey (Princeton University), Asamoah Nkwanta (Morgan State University), Sam Payne (University of Texas at Austin), Emily Riehl (Johns Hopkins University), and Tonghai Yang (University of Wisconsin-Madison)
- **Nominating Committee:** Jayadev Athreya (University of Washington), and David Goldberg (Purdue University)

MSRI- 2023 SRiM Program Announcement

MSRI invites applications for the **2023 Summer Research in Mathematics (SRiM)** program. This program provides space, funding, and the opportunity for in-person collaboration to small groups of mathematicians, especially women and gender-expansive individuals, whose ongoing research may have been disproportionately affected by various obstacles including family obligations, professional isolation, or access to funding. Through this effort, MSRI aims to mitigate the obstacles faced by these groups, improve the odds of research project completion, and deepen their research experience.

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

Program Eligibility

- Groups of two to six mathematicians with partial results on an established project may submit an application to the program.
- Each member of the group must have a Ph.D. in mathematics or advanced graduate standing, and at least one team member must be U.S. based.
- Each group may apply to be in residence at MSRI for a minimum of two weeks, though longer visits are possible. All members of the group must be in residence for the full duration of the visit.
- Applicants may only apply as a member of one research group.
- Participants are provided with lodging, all meals, and reimbursement of travel expenses. MSRI also has access to private sources of funding for researchers with children under age 17 to fully participate in its scientific activities.

For full program details, visit the website: www.msri.org/summer

Applications will be made through MathPrograms beginning **August 1, 2022** and require a Project Description and bio-sketch of each group member, as well as additional information (see program website for details). Applicants may only apply as a member of one research group.

- Lodging at UC Berkeley, meals and reimbursement of travel expenses will be provided.
- For participants with children, MSRI will provide funding that makes it possible for the member to fully take part in the program. This may be in the form of lodging and reimbursement of travel expenses for children who accompany the member to Berkeley, plus lodging and travel expenses for a caregiver. It may also take the form of reimbursement of additional expenses incurred if the children stay home, thus allowing the member to attend the program.

The deadline for application will be November 1, 2022. Decisions will be announced in **mid-December 2022.**

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

North Carolina State's Visit NC State Day

The logo for North Carolina State University, featuring the words "NC STATE" and "UNIVERSITY" in white, bold, sans-serif capital letters stacked vertically on a red rectangular background.

North Carolina State University is pleased to announce that The Graduate School will host its annual [Visit NC State Program](#) from **November 20-22, 2022**.

The purpose of this program is to increase diversity in our graduate programs at NC State. Prospective graduate students will visit their programs of interest and also learn more generally about the graduate educational environment at NC State. Please encourage eligible students to complete an [application](#) to participate by the **October 4, 2022** deadline. Applicants must be US citizens or permanent residents. Travel expenses are covered for all visitors.

2023-24 IAS School of Mathematics Applications Now Open!

**IAS School of Mathematics
2023-2024 Applications Now Open
Deadline for submission is December 1, 2022**

With generous support from the National Science Foundation, the IAS School of Mathematics selects approximately 85 Members per year. The School welcomes applications from mathematicians and theoretical computer scientists at all career levels, and strongly encourages applications from underrepresented groups and mid-career scientists (6-15 years from Ph.D.). Competitive salaries, on campus housing, and other resources are available for researchers in all mathematical subject areas.

Most positions are for one or two terms, but for applicants who cannot leave their jobs or families for an entire term, the School now offers a special two-month membership option.

In 2023–2024, there will be a special-year program, p-Adic Arithmetic Geometry, organized by Jacob Lurie and Bhargav Bhatt; however, membership will not be limited to mathematicians in this field.

More information can be found here: <https://www.ias.edu/math/apply/membership>.

Fall 2022 Scientific Workshops at MSRI

The Mathematical Sciences Research Institute in Berkeley, California welcomes registrations for our Fall 2022 workshops, listed below. MSRI workshops are free of charge to attend, thanks to the generous support of our funders, including the National Science Foundation.

(Please check www.msri.org/workshops for full details, as some workshop dates or details may be subject to change. An updated schedule of all talks will be posted by organizers in advance of each event.)

October 24-28, 2022- New Four-Dimensional Gauge Theories

Organizers: *Andriy Haydys (Université Libre de Bruxelles), Lotte Hollands (Heriot-Watt University, Riccarton Campus), Eleny-Nicoleta Ionel* (Stanford University), Richard Thomas (Imperial College, London), Thomas Walpuski (Humboldt-Universität)*

November 14-18, 2022- Floer Homotopical Methods in Low Dimensional and Symplectic Topology

Organizers: Mohammed Abouzaid* (Columbia Univ.), Andrew Blumberg (Columbia Univ.), Jennifer Hom (Georgia Institute of Technology), Emmy Murphy (Northwestern Univ.), Sucharit Sarkar (Univ. of California, Los Angeles)

** indicates lead organizers.*

Workshop Funding: Established researchers, postdoctoral fellows, and graduate students are invited to apply for funding. Funding awards are typically made eight weeks before the workshop begins. Requests received after the funding deadlines are considered only if additional funds become available. MSRI is pleased to be able to offer a private room for nursing mothers.

Resources for Workshop Attendees: MSRI is pleased to be able to offer a private room for nursing parents. To allow visitors to fully participate in its scientific activities, MSRI is pleased to be able to offer childcare grants to researchers with children under the age of 17. One of the objectives of MSRI's family support program is to contribute toward MSRI's goal of enabling the participation of women and members of other historically underrepresented groups in its programs, workshops, and summer graduate schools.

These flexible grants may be used for reimbursement of childcare expenses incurred in Berkeley, or at home, including airfare for children and support for companion caregivers or hired childcare providers in Berkeley or to cover the costs of such help at home. Please note that, because these funds are taxable, they are available only to US Citizens and Permanent Residents, and foreign visitors with a visa status that allows for compensation, such as a J1. We are deeply grateful to our Family Support donors for their generosity.

MSRI is committed to the principles of Equal Opportunity and Affirmative Action. Students, recent PhDs, women, and minorities are particularly encouraged to apply.

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

Spring 2023 Scientific Workshops at MSRI / SLMath

The Mathematical Sciences Research Institute (MSRI) in Berkeley, California, now becoming the Simons Laufer Mathematical Sciences Institute (SLMath) in 2022-23, welcomes registrations for our upcoming Spring 2023 workshops, listed below. SLMath workshops are free of charge to attend, thanks to the generous support of our funders, including the National Science Foundation.

(Please check www.msri.org/workshops for full details, as some workshop dates or details may be subject to change. An updated schedule of all talks will be posted by organizers in advance of each event.)

- January 19-20, 2023: **Connections Workshop: Algebraic Cycles, L-Values, and Euler Systems**
Organizers: Henri Darmon (McGill University), Ellen Eischen (University of Oregon), Benjamin Howard (Boston College), Elena Mantovan (California Institute of Technology)*
- January 23- 27, 2023: **Introductory Workshop: Algebraic Cycles, L-Values, and Euler Systems**
Organizers: Henri Darmon (McGill University), Ellen Eischen (University of Oregon), Benjamin Howard (Boston College), Elena Mantovan (California Institute of Technology)*
- February 2-3, 2023: **Connections Workshop: Diophantine Geometry**
Organizers: Jennifer Balakrishnan (Boston University), Yunqing Tang (University of California, Berkeley)*
- February 6-10, 2023: **Introductory Workshop: Diophantine Geometry**
Organizers: Hector Pasten (Pontificia Universidad Católica de Chile), Yunqing Tang (University of California, Berkeley), Shou-Wu Zhang (Princeton University)*
- March 13-17, 2023: **Shimura Varieties and L-functions**
Organizers: Michael Harris (Columbia University), David Loeffler (University of Warwick), Elena Mantovan (California Institute of Technology), Christopher Skinner (Princeton University), Sarah Zerbes (ETH Zürich), Wei Zhang (Massachusetts Institute of Technology)*
- March 22-24, 2023: **Critical Issues in Mathematics Education 2023: Mentoring for Equity**
Organizers: Pamela Harris (University of Wisconsin-Milwaukee), Abbe Herzig (AHH Consulting), Aris Winger (Georgia Gwinnett College), Michael Young (Carnegie Mellon University)
- April 17-21, 2023: **Degeneracy of Algebraic Points**
Organizers: Jennifer Balakrishnan (Boston University), Mirela Ciperiani (University of Texas, Austin), Philipp Habegger (University of Basel), Wei Ho (University of Michigan), Hector Pasten (Pontificia Universidad Católica de Chile), Yunqing Tang (University of California, Berkeley), Shou-Wu Zhang (Princeton University)*
- April 15-19, 2024: **Recent Developments in Commutative Algebra**
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)* indicates lead organizers.*

Workshop Funding: Established researchers, postdoctoral fellows, and graduate students are invited to apply for funding. Funding awards are typically made eight weeks before the workshop begins. Requests received after the funding deadlines are considered only if additional funds become available.

Resources for Workshop Attendees: To allow visitors to fully participate in its scientific activities, SLMath is pleased to be able to offer 1) a private room for nursing parents and 2) childcare grants to researchers with children under the age of 17. One of the objectives of SLMath's family support program is to contribute toward our goal of enabling the participation of women and members of other historically underrepresented groups in its programs, workshops, and summer graduate schools.

These flexible grants may be used for reimbursement of child care expenses incurred in Berkeley, or at home, including airfare for children and support for companion caregivers or hired childcare providers in Berkeley or to cover the costs of such help at home. Please note that, because these funds are taxable, they are available only to US Citizens and Permanent Residents, and foreign visitors with a visa status that allows for compensation, such as a J1. We are deeply grateful to our Family Support donors for their generosity.

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Call for Applications: 2023 ADJOINT Workshop

The Mathematical Sciences Research Institute (MSRI), now becoming the Simons Laufer Mathematical Sciences Institute (SLMath) in 2022-23, invites applications for its **2023 African Diaspora Joint Mathematics Workshop (ADJOINT)**, taking place June 19-30, 2023 in Berkeley, California.

ADJOINT is a two-week summer activity designed for researchers with a Ph.D. degree in the mathematical sciences who are interested in conducting research in a collegial environment.

The main objective of ADJOINT is to provide opportunities for in-person research collaboration to U.S. mathematicians, especially those from the African Diaspora, who will work in small groups with research leaders on various research projects.

PROGRAM ACTIVITY AND SUPPORT

During the workshop, each participant will conduct research at MSRI within a group of four to five mathematical and statistical scientists under the direction of one of the research leaders. Professional enhancement activities will be provided by the onsite ADJOINT Director. All participants will receive funding for two weeks of lodging, meals and incidentals, and one round-trip travel to Berkeley, CA. For details of 2023 research topics and leaders, visit msri.org/adjoint.

After the two-week workshop, each participant will have the opportunity to further their research project with the team members including the research leader; have access to funding to attend conference(s) or to meet with other team members to pursue the research project, or to present results; and will become part of a network of research and career mentors.

ELIGIBILITY

Applicants must be a U.S. citizen or permanent resident, possess a Ph.D. in the mathematical sciences, and be employed at a U.S. institution.

SELECTION PROCESS

The guiding principle in selecting participants and establishing the groups is the creation of diverse teams whose members come from a variety of institutional types and career stages. The degree of potential positive impact on the careers of African-Americans in the mathematical and statistical sciences will be an important factor in the final decisions.

HOW TO APPLY

For a list of application materials and the link to apply via [MathPrograms](https://mathprograms.org), visit msri.org/adjoint. Full details will be available in Fall 2022. **Applications received by December 1, 2022 will receive full consideration.** We expect to begin making offers for participation in mid-February 2023.

MSRI / SLMATH has been supported from its origins by the National Science Foundation, now joined by the National Security Agency, over 100 Academic Sponsor departments, by a range of private foundations, and by generous and farsighted individuals. ADJOINT 2023 receives additional support from the Alfred P. Sloan Foundation.

Call for Membership for MSRI / SLMath 2023-24 Programs

The Mathematical Sciences Research Institute (MSRI) in Berkeley, California, now becoming the Simons Laufer Mathematical Sciences Institute (SLMath) in 2022-23, invites applications for our upcoming 2023-24 scientific research programs:

- **Algorithms, Fairness, and Equity** (August 21 - December 20, 2023)
- **Mathematics and Computer Science of Market and Mechanism Design** (August 21 - December 20, 2022)
- **Commutative Algebra** (January 16 - May 24, 2024)
- **Noncommutative-Algebraic Geometry** (January 16 - May 24, 2024).

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.

MSRI / SLMath uses MathJobs to process applications. Application information can be found at www.msri.org/application. Interested candidates must apply online beginning **August 15, 2022 for RP/RM positions and October 1, 2022 for PD positions**.

To receive full consideration, applications must be complete, including all letters of support, by the following deadlines:

- Research Professorships: October 1, 2022
- Research Memberships: December 1, 2022
- Postdoctoral Fellowships: December 1, 2022

It is the policy of SLMath actively to seek to achieve diversity in its programs and workshops. Thus, a strong effort is made to remove barriers that hinder equal opportunity, particularly for those groups that have been historically underrepresented in the mathematical sciences.

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

MSRI / SLMath Call for Proposals

The Mathematical Sciences Research Institute (MSRI), now becoming the Simons Laufer Mathematical Sciences Institute (SLMath) in 2022-23, invites the submission of proposals for full- or half-year programs to be held at MSRI. Planning of such programs is generally done about three years ahead. Except in extraordinary cases, a subject is the focus of a program not more than once in ten years.

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

The Scientific Advisory Committee (SAC) of the Institute meets in January, May and November each year to consider proposals for programs.

The deadlines to submit proposals of any kind for review by the SAC are March 1, October 1 and December 1.

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

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

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Department of Mathematics
The University of Arizona[®]

ARIZONA WINTER SCHOOL 2023

Southwest Center
for Arithmetic Geometry

<http://swc.math.arizona.edu>

Deadline to apply:
November 15th, 2022

UNLIKELY INTERSECTIONS

Laura DeMarco

Arithmetic dynamics and intersection problems

Jonathan Pila

Point-counting and applications

Thomas Scanlon

Model theoretic origins and approaches to unlikely intersection problems

Jacob Tsimerman

Special point problems and their arithmetic

with **Boris Zilber**, Clay Lecturer

TUCSON, MARCH 4-8, 2023

Funded by the National Science Foundation
Supported by the National Security Agency
and organized in partnership
with the Clay Mathematics Institute



MATH ALLIANCE PARTNER INSTITUTION

Postdoc Fellow in Math Biology Position Announced at Arizona State University

Presidential Postdoctoral Fellowship in Mathematical Biology (Job #92397)

The School of Mathematical and Statistical Sciences (SoMSS) at Arizona State University (ASU) invites applications for a postdoctoral scholar position in the area of mathematical biology.

The postdoctoral scholars selected will join a cohort of 10-15 other postdoctoral scholars at ASU as part of the Presidential Postdoctoral Fellowship Program. The goal of the program is to support the career development of outstanding Ph.D. recipients with great potential for advancing the [ASU Charter](#) into a future tenure track appointment at ASU. The program seeks applicants whose professional preparedness, experience, and accomplishments are informed by experiences working with and within groups historically underrepresented in higher education in the United States. Where pools of qualified applicants are strong, priority will be given to applicants who demonstrate, through prior actions and achievements, intentional and actioned commitment to diversity, equity, and inclusion. Examples of such contributions are research or creative activity focused on empowering underserved populations; teaching, mentorship, and service that increases equitable access; and inclusion in fields where historically excluded populations are underrepresented.

Qualifications and Characteristics

Minimum qualifications

- PhD in mathematics, applied mathematics or a closely related area by August 10, 2023.
- Demonstrated potential for excellence in research and teaching.
- Demonstrated understanding of and potential for success working on diversity, equity and inclusiveness issues in the mathematical community

Desired qualifications

- A documented research record in an area that meshes with the research interests of current SoMSS' faculty members in the mathematical biology group, which includes mathematical ecology, epidemiology, neuroscience and medicine
- Demonstrated potential for establishing interdisciplinary collaborations
- Experience and/or expertise in research, teaching, mentoring, and/or service, that address disparities faced by Black communities, as well as by communities of Color

This position is located at the Arizona State University at the Tempe campus. All postdoctoral fellowship positions are for one year. Options for an additional one or two years of funding or a transition to a tenure track position may be offered, depending on each fellow's progress and training needs. Applicants must be within five years of receipt of their PhD to be considered for initial appointments. Faculty tenure track appointments will require a process of review within the designated tenure home unit.

Applications and Inquiries

Applications can be submitted online via <https://www.mathjobs.org/jobs/ASU/20674/apply>. Application materials should include:

1. A cover letter that briefly explains the candidate's interest in, and fit with, the position.
2. A curriculum vitae.
3. A personal statement addressing the candidate's research program.
4. A statement of teaching experience and philosophy.
5. A diversity statement addressing how your past and/or potential contributions to diversity, equity, and inclusion will advance ASU's Charter.
6. Contact information for 3 references, including email addresses.

Application deadline is 4:00 pm AZ Time, Monday, November 15, 2022. Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is filled. The College values our cultural and intellectual diversity, and continually strives to foster a welcoming and inclusive environment. We are especially interested in applicants who can strengthen the diversity of the academic community. A background check is required for employment.

ASU is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. For more information on ASU's policies, please see: <https://www.asu.edu/aad/manuals/acd/acd401.html> and its complete non-discrimination statement at: <https://www.asu.edu/titleIX/>.

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU Police Department at 480-965- 3456.

COVID-19 Vaccination –Arizona State University is a federal contractor and subject to federal regulations which may require you to produce a record of a COVID-19 vaccination. For questions about medical or religious accommodations, please visit the [Office of Diversity, Equity and Inclusion's webpage](#)



MATH ALLIANCE PARTNER INSTITUTION

Two Positions in Mathematics Announced at University of Washington



UNIVERSITY *of*
WASHINGTON

Assistant Teaching Professor - UW Math

[UW Math](#) invites applications for a full-time Assistant Teaching Professor position. This position has an anticipated start date of Autumn 2023 and will have a 9-month service period. The successful applicant will be expected to teach a full-time load of undergraduate courses and to participate in service to the department and the university. This is not a tenure-track position; the initial appointment will be for three years, with the possibility of renewal. A PhD (or foreign equivalent) in Mathematics or a related field is required by the start of the appointment. Priority will be given to applicants whose complete applications, including recommendations, are received by **December 1, 2022**.

Apply at <https://apply.interfolio.com/112636>.

Postdoctoral Scholar - UW Math

[UW Math](#) invites applications for one or more non-tenure-track postdoctoral positions. The initial appointment is for a period of twelve months, full-time, with the possibility of renewal for a total period of up to three years, to begin in September 2023. Duties include engaging in ongoing and active independent research and teaching a full-time load of undergraduate and graduate courses. In particular, the job title will be "50% post-doctoral scholar, 50% teaching associate," to reflect these two components of the job. Applicants are required to have a PhD, or foreign equivalent, by the starting date. Priority will be given to applicants whose complete applications, including recommendations, are received by **December 1, 2022**.

Apply at <https://apply.interfolio.com/111213>.



MATH ALLIANCE MEMBER INSTITUTION

The Department of Statistics at the University of Michigan Announce 2 Openings



The Department of Statistics at the University of Michigan, Ann Arbor, invites applications for two opportunities beginning August 28, 2023. One is a tenure-track assistant professor position, although exceptional candidates at higher ranks may be considered subject to additional approval from the administration. 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 potential, excellence in teaching and commitment to diversity are encouraged to apply. Apply on mathjobs.org <https://www.mathjobs.org/jobs/list/20292> and 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, up to three selected publications, and arrange for three recommendation letters to be uploaded to mathjobs. Review of applications will begin on November 1, 2022 and continue until the position is filled; **apply by November 1** to ensure full consideration. For more information about the department, visit <http://www.lsa.umich.edu/stats/>.

The second opportunity is through the LSA Collegiate Fellows (LCF) program. This program recruits early career scholars whose research, and/or teaching, and/or service will 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. This faculty hiring initiative provides either one-two years of postdoctoral fellowship support in preparation for tenure track appointments or immediate tenure track appointments in LSA departments. . **The deadline to apply is November 1, 2022.** For more information and to apply, visit <https://lsa.umich.edu/ncid/fellowships-awards/lsa-collegiate-postdoctoral-fellowship.html>.

We strongly encourage women and minorities to apply. The University of Michigan is supportive of the needs of dual career couples and is an equal opportunity/affirmative action employer. Offers for this appointment are contingent on successful completion of a background screening.

This offer is contingent upon reporting your COVID19 proof of vaccinations no later than one week before your appointment start date. You may request a medical or religious exemption; however, successful completion of the exemption process must occur prior to your start date. If you will not be up to date on your vaccinations at the time of hire (defined as receiving all recommended doses in the primary vaccine series and one booster when eligible), you may request an exemption. A temporary postponement may be requested if you are unable to receive the primary series or booster in your country of origin or current location. More information on this policy is available on the Campus Blueprint website. <https://campusblueprint.umich.edu/>.



MATH ALLIANCE MEMBER INSTITUTION

Two Positions in Mathematics Announced at Michigan State University



The [Department of Mathematics](#) at [Michigan State University](#) invites applications for Fixed-Term Departmental Postdoctoral Research Associates (Postdocs) and Fixed-Term Research Associates with a starting date of Fall 2023.

Postdoctoral Research Associates (Postdocs) comprise the department postdoctoral fellows program that contribute to the research and instructional mission of our unit. These are academic year appointed positions.

Fixed-Term Research Associates support the research activities of currently funded external research grants as outlined in the grants statement of work and budget. These positions are either academic or annual year appointments.

Both positions are benefits eligible and are potentially renewable on an annual basis through Spring 2026, contingent upon satisfactory performance and availability of funding. Candidates will be evaluated on their potential in research and teaching.

Candidates are required to have a Ph.D. in Mathematics or related field by August 10, 2023.

Applications from all areas of mathematical research will be considered. Research Associates will be paired with faculty mentors with whom they have compatible research interests and will engage in our active instructional mentoring program.

Applicants should submit a curriculum vitae, statements on research and on teaching, and arrange for at least four (4) letters of recommendation to be submitted, one of which must specifically address the applicant's teaching experiences. It is helpful if the cover letter indicates if the applicant wishes to be considered by specific MSU faculty.

Applications must be submitted via [mathjobs.org](https://www.mathjobs.org). Submit your application directly at <https://www.mathjobs.org/jobs/list/20448>. The evaluation process will begin on **December 1, 2022**, and review of applications will continue until positions are filled. A background check is required for employment.

Remote Work Statement: *MSU strives to provide a flexible work environment and this position has been designated as remote-friendly. Remote-friendly means some or all of the duties can be performed remotely as mutually agreed upon.*

Equal Employment Opportunity Statement: *All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identify, national origin, citizenship, disability or protected veteran status.*

Together We Will Statement: *The university is requiring all MSU Students, faculty and staff to be vaccinated against COVID-19 with limited exceptions. Learn more at: <https://msu.edu/together-we-will>.*



MATH ALLIANCE MEMBER INSTITUTION

Two Positions in Mathematics Announced at Michigan State University



MSU MATHEMATICS

The [Department of Mathematics](#) at [Michigan State University](#) invites applications for Mathematical Biology Research Associates with a starting date of August 16, 2023. However, earlier starting dates are possible. 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 equivalent area, such as computational chemistry/biology/biophysics and computer science.

Applications are 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 the Mathematical Biology Research Associate job posting on Mathjobs.org at <https://www.mathjobs.org/jobs/list/20327> to be considered. A complete application includes a vita, research statement that indicates their experience in any of the four focus areas, and at least 3 letters of recommendation, one of which must address their teaching experience.

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

Review of applications will begin on **October 5, 2022** and continue until positions are filled. A background check is required for employment.

Remote Work Statement: *MSU strives to provide a flexible work environment and this position has been designated as remote-friendly. Remote-friendly means some or all of the duties can be performed remotely as mutually agreed upon.*

Equal Employment Opportunity Statement: *All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, disability or protected veteran status.*

Together We Will Statement: *The university is requiring all MSU Students, faculty and staff to be vaccinated against COVID-19 with limited exceptions. Learn more at: <https://msu.edu/together-we-will>.*



MATH ALLIANCE MEMBER INSTITUTION

Two RTG Postdoc Positions in Mathematics Announced at Michigan State University



MSU MATHEMATICS

The [Department of Mathematics](#) at [Michigan State University](#) invites applications for two Research Training Group (RTG) Postdoctoral Associate positions with a starting date of **Fall 2023**. This is a three-year, benefits eligible position, associated with the NSF-funded RTG project “Algebraic and Geometric Topology at Michigan State.” Appointments will be renewed annually for up to three years, contingent on satisfactory performance. 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, 2023. 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 a CV, cover letter, and statements on research and teaching, as well as arranging for 4 letters of recommendation to be submitted, one of which must specifically address the applicant's teaching experiences.

Review of applications will begin on December 1, 2022, 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.

Application Materials Required: Submit the following items online at [Mathjobs.org](#) to complete your application. All applicants must submit application materials to the Mathjobs.org posting at <https://www.mathjobs.org/jobs/list/20419>:

- Cover Letter
- Curriculum Vitae
- Research Statement
- Teaching Statement
- Four Reference Letters, at least one of which addresses teaching (to be submitted online by the reference writers at this site)

For questions or further information:

Teena Gerhardt (teena@math.msu.edu), Matthew Hedden (mhedden@math.msu.edu), Effie Kalfagianni (kalfagia@msu.edu), Matthew Stoffregen (stoffrel@msu.edu)

<https://math.msu.edu/>

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

Remote Work Statement: MSU strives to provide a flexible work environment and this position has been designated as remote-friendly. Remote-friendly means some or all of the duties can be performed remotely as mutually agreed upon.

Together-We-Will Statement: The university is requiring all MSU students, faculty and staff to be vaccinated against COVID-19 with limited exceptions. Learn more at: <https://msu.edu/together-we-will/>

Equal Employment Opportunity Statement: All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, age, disability or protected veteran status.



MATH ALLIANCE MEMBER INSTITUTION

Two Tenure-track Faculty Positions in Mathematics Announced at Michigan State University



MSU MATHEMATICS

The [Department of Mathematics](#) at [Michigan State University](#) invites applications for two (2) tenure system positions beginning Fall 2023. Michigan State University's department of Mathematics represents all areas of mathematics and has leading research groups in Algebra and Algebraic Geometry, Analysis and Differential Equations, Applied Mathematics, Combinatorics, Dynamical Systems, Geometry, Number Theory, and Topology, with cross cutting research at the interfaces of these important areas. In conjunction with these research activities, the department is home to a vibrant postdoctoral program and a strong PhD program. The department supports BS degrees in Mathematics, Actuarial Science, and Computational Mathematics, as well as an Advanced Mathematics undergraduate program, with many students continuing to advanced degrees.

One tenure system position will focus on research in geometry. Preference will be given to applicants with an emphasis on geometric analysis broadly defined. The second tenure system position will focus on research in combinatorics. Preference will be given to applicants with research in combinatorics, theoretical applied mathematics, or working at their interface.

The successful candidate will have demonstrated the ability to carry out cutting edge research, commitments to teaching and mentorship of students, and initiative in building an equitable and diverse scholarly and instructional environment. While we expect the appointment to be at the assistant professor level, depending on the experience of the candidate, an appointment at the level of associate or full professor can be considered. Preference will be given to candidates with at least 2 years of experience beyond the Ph.D.

We request that applications include:

- A one page cover letter that frames the application in the context of this ad and MSU's Mathematics Department and addresses the relation of the candidate's research to the areas of research preference.
- Curriculum Vitae, including a list of publications, a history of external funding, contributed and invited talks, teaching and mentoring roles, contributions to the academic community, and efforts in public outreach.
- A 2–6 page research statement highlighting past research accomplishments and future plans that frame the applicant's ability to conduct independent research. This statement should include experience or plans to advance diversity, equity, and inclusion within the mathematics research community.
- A 2–3 page teaching statement describing the applicant's experience in instruction and research mentoring of graduate and undergraduate students, including experiences or plans to create an inclusive and equitable learning environment for students.
- Four letters of reference. Three of these letters should address the applicant's research while one letter should address the applicant's instructional experience.

Applications for the geometry tenure system position should be submitted via mathjobs.org at <https://www.mathjobs.org/jobs/list/20274>.

Applications for the combinatorics tenure system position should be submitted via mathjobs.org at <https://www.mathjobs.org/jobs/list/20270>.

The evaluation process will begin on **November 1, 2022**, and review of applications will continue until the position is filled. Questions may be directed to the chair of the search committee, Prof. Keith Promislow (promislo@msu.edu). Applicants are encouraged to explore the MSU Department of Mathematics website at <https://math.msu.edu>.

Remote Work Statement: MSU strives to provide a flexible work environment and this position has been designated as remote-friendly. Remote-friendly means some or all of the duties can be performed remotely as mutually agreed upon.

Equal Employment Opportunity Statement: All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identify, national origin, citizenship, disability or protected veteran status.

Together We Will Statement: The university is requiring all MSU Students, faculty and staff to be vaccinated against COVID-19 with limited exceptions. Learn more at: <https://msu.edu/together-we-will>.



MATH ALLIANCE MEMBER INSTITUTION

Multiple Tenure-track Faculty Positions in Mathematics Announced at University of Tennessee Knoxville

The [Mathematics Department](#) at [The University of Tennessee, Knoxville](#) seeks exceptional candidates to fill three Tenure-Track, Assistant Professor positions, starting August 1, 2023.

For more information and to apply, please see the linked positions on Interfolio:

- [Assistant Professor, in the area of Math Biology](#)
- [Assistant Professor, in the area of Probability](#)
- [Assistant Professor, in the area of Topology](#)

The University of Tennessee encourages applications from candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University.

Open Rank Faculty Position Announced at North Carolina State University

The logo for North Carolina State University, consisting of the words "NC STATE UNIVERSITY" in white, bold, sans-serif font on a red rectangular background.

NC STATE
UNIVERSITY

Assistant/Associate/Full Professor (Open Rank) position in Statistics at NC State

The [Department of Statistics](#) at North Carolina State University seeks to hire multiple tenured/ tenure-track faculty for an August 2023 start, and all ranks will be considered. Responsibilities for this position include teaching graduate and undergraduate courses, research, advising students, doctoral student research supervision and contributing to program development and scholarly activities in the department. Service to the Department, College, University, and profession are also a requirement.

The expectation is also to achieve outstanding research, teaching, mentoring, and collaborations on campus and world-wide, within a cohesive and diverse department, where all students, faculty, and staff receive fair and equitable treatment. Applicants with interests and expertise in theoretical or methodological research in any area of statistics or biostatistics will be considered. Candidates with interests in data science, machine learning, and modern methods of data analysis more generally are encouraged to apply.

For more details and to apply, check out: <https://jobs.ncsu.edu/postings/169840> and for any inquiry about the position, please contact by sending email to group-stats-search@ncsu.edu and for more about the department check out the webpage: <https://statistics.sciences.ncsu.edu/>



MATH ALLIANCE MEMBER INSTITUTION

Tenure-Track Assistant Professor Position at the California State Polytechnic University, Pomona



CAL POLY POMONA

Position description:

The Department of Mathematics and Statistics is seeking applicants for an Assistant Professor in Mathematics Education. It is anticipated that the person in this position will teach courses in mathematics education and mathematics at the undergraduate and graduate level. It is also expected that the new faculty member will 1) engage in scholarly research and grant activity, 2) serve on department, college, and university committees, and 3) engage in professional development. They will have the opportunity to engage in a variety of activities, such as working with teachers and students in local schools, participating in research/grant work related to K-16 teaching and learning, advising master's degree students, and developing curriculum. Teaching opportunities include courses for pre-service elementary, secondary, and post-secondary teachers; they may also teach lower and upper division mathematics courses.

Minimum requirements include:

Terminal degree must be completed by the start date of the appointment:

- EITHER a Doctorate degree (e.g., PhD, EdD, DA) in Mathematics Education, Statistics Education, STEM Education, or a closely related field AND a Master's degree in Mathematics (or equivalent coursework), OR a PhD in Mathematics or Statistics with significant (at least four years) demonstrated experience in research and teaching in mathematics education.
- A commitment and a record of contributions to student success through applicant's teaching, scholarship, or service. This will be described in the Student Success Statement, which must address at least two of the inclusive excellence criteria listed above.

Conditions of Employment:

The person offered this position is required to pass a background check. The CSU requires faculty, staff, and students who are accessing campus facilities to be immunized against COVID-19 or declare a medical or religious exemption from doing so. Any candidates advanced in a currently open search process should be prepared to comply with this requirement. The system wide policy can be found at <https://calstate.policystat.com/policy/9779821/latest/>. Questions regarding the policy may be sent to avpfa@cpp.edu.

Application Process: A completed application will consist of:

- Cover letter (up to 2 pages, single spaced) in which you describe your interest in the position, relevant experience, and how you meet the minimum and preferred qualifications;
- A Student Success Statement (up to 2 pages, single-spaced) about your teaching or other experiences, successes, and challenges in working with a diverse student population. Please address at least two of the inclusive excellence criteria listed above;
- Curriculum vitae;
- Teaching Philosophy statement (up to 2 pages, single-spaced);
- Research Statement (up to 2 pages, single-spaced);
- At least three letters of reference, at least one of which should specifically address teaching or potential to teach;
- Unofficial transcripts (undergraduate and graduate; official transcripts for highest degree will be required of finalists prior to on-campus interviews)

The position is open until filled. First consideration will be given to completed applications received **no later than October 1, 2022**. Please direct inquiries to mathstatsearch@cpp.edu. Applications accepted only via [PageUp](#)— online application portal - for University hires.

California State Polytechnic University, Pomona is an Equal Opportunity, Affirmative Action Employer. The university seeks to recruit and retain a diverse workforce as a reflection of our commitment to serve the people of California, to maintain the excellence of the university, and to offer our students richly varied disciplines, perspectives, and ways of knowing. Cal Poly Pomona subscribes to all state and federal regulations and prohibits discrimination based on race, color, religion, national origin, sex, gender identity/gender expression, sexual orientation, marital status, pregnancy, age, disability, genetic information, medical condition, and covered veteran status. The university hires only individuals lawfully authorized to work in the United States. As required by the Clerly Disclosure Act, the university prepares a public annual security report.



MATH ALLIANCE MEMBER INSTITUTION

Multiple Lecturer Positions in Math or Stat Announced at Loyola University Chicago

Job Title: Lecturer in Mathematics or Statistics (3 positions)

Background: Loyola University Chicago (LUC), College of Arts and Sciences, Department of Mathematics and Statistics seeks qualified candidates for three Lecturer positions in mathematics or statistics beginning Fall 2023. The successful candidates will be joining a department with approximately 40 full-time faculty members and over 200 majors across 7 undergraduate programs in mathematics, statistics and data science, and 3 master's programs. For more information about the department, please visit its website at <https://www.luc.edu/math/>.

Located on Chicago's vibrantly multicultural North Side, LUC is committed to creating an inclusive, responsive community of faculty, students, and staff. As an urban-based Department we are dedicated to mentoring a diverse student body, many of whom come from under-represented and under-served populations. We especially encourage applications from candidates from under-represented groups. We also encourage applications from scholars committed to interdisciplinarity.

Duties and Responsibilities: The main duty and responsibility of this position is teaching a range of math and/or stats courses, from lower-level courses that serve non-science students to upper-level courses that serve our majors. We are hiring for several positions, and there is some flexibility as to exactly which courses a candidate would specialize in. In particular, candidates primarily interested in either mathematics or statistics are welcome. Secondary duties include contributing to departmental service in a variety of ways.

Minimum Qualifications: The candidate will have a Ph.D. in mathematics or statistics or a related subject at the time of appointment. Additionally, the candidate will have demonstrated commitment to undergraduate education, including interest in inclusive teaching practices. The candidate also must be willing to support the mission of LUC and the goals of a Jesuit Catholic Education.

Special Instructions to Applicants: Applicants should submit a current *Curriculum Vitae*, a teaching statement, and a letter of interest to <https://www.careers.luc.edu>. They should also provide evidence that attests to their teaching performance and experience, and the names and addresses of three individuals prepared to advise on their professional qualifications for this position. In addition, they should include a statement addressing past or potential contributions to mentoring a diverse student body through research, teaching, and other channels and engaging a diverse community through scholarship and service.

Additionally, applicants must submit all application materials, including letters of recommendation, to <https://www.mathjobs.org>. At least one of the letters should address teaching qualifications.

Please direct inquiries to:
Dr. Peter Tingley
Chairperson, Department of Mathematics and Statistics
Loyola University Chicago
Email: ptingley@luc.edu

Review of applications will begin immediately and continue until the position is filled. Applications received before **November 15** will receive full consideration.

Loyola University Chicago is an Equal Opportunity/Affirmative Action employer with a strong commitment to hiring for our mission and diversifying our faculty. The University seeks to increase the diversity of its professoriate, workforce and undergraduate and graduate student populations because broad diversity – including a wide range of individuals who contribute to a robust academic environment – is critical to achieving the University's mission of excellence in education, research, educational access and services in an increasingly diverse society. Therefore, in holistically assessing the many qualifications of each applicant, we would factor favorably an individual's record of conduct that includes experience with an array of diverse perspectives, as well as a wide variety of different educational, research or other work activities. Among other qualifications, we would also factor favorably experience overcoming or helping others overcome barriers to an academic career or degrees.

As a Jesuit Catholic institution of higher education, we seek candidates who will contribute to our strategic plan to deliver a Transformative Education in the Jesuit tradition. To learn more about LUC's mission, candidates should consult our website at www.luc.edu/mission/. For information about the university's focus on transformative education, they should consult our website at www.luc.edu/transformativede.



MATH ALLIANCE MEMBER INSTITUTION

Assistant Professor Position in Applied Mathematics at Loyola University Chicago

Job Title: Assistant Professor in Applied Mathematics

Background: Loyola University Chicago (LUC), College of Arts and Sciences, Department of Mathematics and Statistics seeks qualified candidates for an Assistant Professor position in applied mathematics beginning Fall 2023. The successful candidate will be joining a department with about 40 full-time faculty members and over 200 majors across seven undergraduate programs in mathematics, statistics and data science, and three master's programs. For more information about the department, please visit its website at <https://www.luc.edu/math/>.

Located on Chicago's vibrantly multicultural North Side, LUC is committed to creating a diverse, inclusive, and responsive community of faculty, students, and staff. As an urban-based Department we are dedicated to mentoring a diverse student body, many of whom come from under-represented and under-served populations. We especially encourage applications from candidates from under-represented groups. We also encourage applications from scholars committed to interdisciplinarity and the successful pursuit of external grants.

Duties and Responsibilities: The position requires teaching a range of math courses, from lower-level courses that serve non-science students to upper-level and graduate-level courses in mathematics and applied mathematics; developing and maintaining a quality research program; and providing service at the department, the university, and the scientific community level.

Minimum Qualifications: The candidate will have a Ph.D. in mathematics or a related field at the time of appointment. Candidates for the position must show evidence of, or strong potential for, maintaining a research program in applied mathematics, with the potential for grant funding. Candidates whose research programs align with others in the department are particularly desirable. Additionally, the candidate will have demonstrated commitment to undergraduate education, including interest in inclusive teaching practices. The candidate also must be willing to support the mission of LUC and the goals of a Jesuit Catholic Education.

Special Instructions to Applicants: Applicants should submit a current *Curriculum Vitae*, a research statement, a teaching statement, and a letter of interest to <https://www.careers.luc.edu>. They should also provide evidence that attests to their research/teaching performance and experience, and the names and addresses of three individuals prepared to advise on their professional qualifications for this position. In addition, they should include a statement addressing past or potential contributions to mentoring a diverse student body through research, teaching, and other channels and engaging a diverse community through scholarship and service.

Additionally, applicants must submit all application materials, including letters of recommendation, to <https://www.mathjobs.org>. At least one of the letters should address teaching qualifications.

Please direct inquiries to:

Dr. Peter Tingley- Chairperson, Department of Mathematics and Statistics, Loyola University Chicago Email: ptingley@luc.edu

Review of applications will begin immediately and continue until the position is filled. All applications received before **November 15** will receive full consideration.

Loyola University Chicago is an Equal Opportunity/Affirmative Action employer with a strong commitment to hiring for our mission and diversifying our faculty. The University seeks to increase the diversity of its professoriate, workforce and undergraduate and graduate student populations because broad diversity – including a wide range of individuals who contribute to a robust academic environment – is critical to achieving the University's mission of excellence in education, research, educational access and services in an increasingly diverse society. Therefore, in holistically assessing the many qualifications of each applicant, we would factor favorably an individual's record of conduct that includes experience with an array of diverse perspectives, as well as a wide variety of different educational, research or other work activities. Among other qualifications, we would also factor favorably experience overcoming or helping others overcome barriers to an academic career or degrees.

As a Jesuit Catholic institution of higher education, we seek candidates who will contribute to our strategic plan to deliver a Transformative Education in the Jesuit tradition. To learn more about LUC's mission, candidates should consult our website at www.luc.edu/mission/. For information about the university's focus on transformative education, they should consult our website at www.luc.edu/transformativede.



MATH ALLIANCE MEMBER INSTITUTION

Three Positions Announced at Indiana University School of Public Health, Bloomington



IU School of Public Health—Bloomington is Hiring!

Indiana University School of Public Health—Bloomington is hiring for three positions. These jobs include a post-doctoral fellow, a research associate—biostatistician and a research associate-data manager. Click on the links below for more information.

Post-Doctoral Fellow Position

Qualified candidate are invited to apply for a post-doctoral fellow with strong data analytic and collaborative skills to join a team of researchers focused on rigor, reproducibility, and transparency and/or statistical and data analytic research in the obesity, nutrition, or aging research domains. The expected start date is Oct. 1, 2022. Applications will be accepted until the position is filled.

[Read More](#)

Research Associate—Biostatistician

An immediate opening exists for a Research Associate – Biostatistician position in the Biostatistics Consulting Center in the Department of Epidemiology and Biostatistics within the School of Public Health. The Biostatistician will work under the supervision of the Executive Director of the center while working directly with faculty Principal Investigators on their respective grants and projects. Review of applications will begin immediately and continue until the position is filled.

[Read More](#)

Research Associate—Data Manager

An immediate opening exists for a Research Associate – Data Manager position in the Biostatistics Consulting Center in the Department of Epidemiology and Biostatistics within the School of Public Health. The Data Manager will work under the supervision of the Executive Director of the center while working directly with faculty Principal Investigators on their respective grants and projects. Review of applications will begin immediately and continue until the position is filled.

[Read More](#)



MATH ALLIANCE MEMBER INSTITUTION

Tenure-Track Asst./Assoc. Professor Position Announced in Data Science at Baylor University



Baylor University seeks to fill a tenured/tenure-track position at either the associate or assistant rank, depending on experience, in the Department of Statistical Science within the College of Arts and Sciences to start in the Fall 2023 semester. Details for this position can be found at <http://apply.interfolio.com/107729>.

Applications will be reviewed as they are submitted and will be accepted until the position is filled. To ensure full consideration, complete **applications must be submitted by October 31, 2022**.

The successful applicant will join a dynamic faculty in advancing 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. The department faculty participate in a wide variety of applications, including pharmaceuticals, public health, biostatistics, environmental science, engineering, and sports analytics. The position includes a competitive salary and benefits, commensurate with experience and qualifications. The successful candidate will be expected to establish and maintain a rigorous externally funded research program.

The position is open to all qualified applicants with an earned doctorate in an appropriate field of study at the time of appointment. The Department particularly encourages candidates with demonstrated interest in developing a research program in data science, modern statistical computing, or statistical technologies and methodologies. Example areas of interest include but are not limited to big data, machine learning, and R package/Python library development. 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.



MATH ALLIANCE MEMBER INSTITUTION

Department Chair in Mathematics Announced at University of Alabama

The University of Alabama seeks an outstanding individual at the rank of Full Professor for the position of Chair of the Department of Mathematics. Associate Professors who will have the qualifications to be promoted to Full Professor at the time of appointment are also welcome to apply. The successful candidate will

- a. possess a national/international reputation, with an active research program and a track record of external funding;
 - b. have an outstanding record of teaching at the undergraduate and graduate levels; and
 - c. have the vision and proven leadership abilities to advance the department within an R1 designated university.
- They should have an understanding and enthusiasm for both the teaching and research missions of the department and preferably have administrative experience. The department values collective decision making and transparency in administrative processes and expects the future chair to respect and continue these norms.

The Department of Mathematics consists of 28 tenure system faculty, 19 renewable contract faculty, and 4 postdoc scholars. The faculty have been awarded numerous individual grants, including one member recently obtaining an NSF CAREER award. The department has active research programs in algebra, analysis, data science, fluid dynamics, image processing, mathematical biology, mathematics education, materials science, optimization, partial differential equations, scientific computing, statistics, stochastic processes, and topology. The applicant's area of expertise should complement one or more of these programs.

The department offers programs that lead to PhD, MA, and BS degrees in mathematics, and participates in a joint PhD program in applied mathematics with the other two campuses in the UA system. The department has 48 graduate students, about 350 undergraduate math major students, and administers the Mathematics Technology Learning Center (MTLC), which aids students in lower division mathematics through differential equations.

The University of Alabama is the flagship campus of a three-campus system and is categorized as *R1: Doctoral Universities – Very high research activity* by Carnegie Classification of Institutions of Higher Education. With approximately 38,000 students, UA is located in Tuscaloosa, a city of approximately 100,000 in population and about an hour from the large population center of Birmingham, AL. The community enjoys a vibrant restaurant and event scene.

Applicants should apply online at <https://facultyjobs.ua.edu/postings/51243>. A complete application should include a letter of application; a curriculum vita; a statement of administrative and leadership experience and philosophy; a statement of research experience and plans; a statement of teaching philosophy and interests; and a statement on diversity, equity, and inclusion. In addition, applicants should list three references with complete contact information. References will be requested for those who are being considered for an initial zoom interview. The review of applications will start on November 1, 2022, and will be ongoing. New applications will continue to be accepted and reviewed until the position is filled. The position is scheduled to start on August 16, 2023, or as negotiated.

For further questions or information, please contact the chairperson of the search committee, Dr. Shubin Dai, at sdai4@ua.edu.

The University of Alabama is an Equal Employment/Equal Educational Opportunity Institution. All qualified applicants will receive consideration for employment or volunteer status without regard to race, color, religion, national origin, sex, sexual orientation, gender identity, gender expression, pregnancy, age, genetic or family medical history information, disability, protected veteran status, or any other legally protected basis, and will not be discriminated against because of their protected status. Applicants and employees of this institution are protected under Federal law from discrimination on several bases. Follow the links below to find out more.

“EEO is the Law”

https://www.eeoc.gov/sites/default/files/migrated_files/employers/poster_screen_reader_optimized.pdf

“EEO is the Law” Poster Supplement

http://www.dol.gov/ofccp/regs/compliance/posters/pdf/OFCCP_EEO_Supplement_Final_JRF_QA_508c.pdf



MATH ALLIANCE MEMBER INSTITUTION

Lecturer Position in Math Announced at Baylor University



Baylor University seeks two Lecturer positions to start in August 2023. Details for this position can be found at <http://apply.interfolio.com/108612>.

These are full-time, non-tenure-track faculty positions. Salary and benefits are competitive. A Ph.D. in mathematics or mathematics education is preferred, but those with a master's degree and teaching experience are encouraged to apply. Demonstration of excellence in teaching is essential. The successful candidates will teach predominately first-year and second-year mathematics classes. Service to the department and university is also expected.

Detailed information about the College of Arts & Sciences and the Department of Mathematics can be found at the respective links: www.baylor.edu/artsandsciences and www.baylor.edu/math.

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.

Tenure-Track Assistant Professor of Statistics Position Announced at Macalester College

The Department of Mathematics, Statistics, and Computer Science (MSCS) at Macalester College invites applications for a tenure-track assistant professor in Statistics to begin Fall 2023. Candidates must have or be completing a Ph.D. in Biostatistics or Statistics, or a closely related field such as Data Science, Computer Science, Engineering, Applied Mathematics, Bioinformatics, Epidemiology, etc. with a demonstrated interest and background in statistics and/or data science. They must have a strong commitment to and vision for excellence in teaching and research in an undergraduate liberal arts environment. We are especially interested in candidates who are enthusiastic to teach and develop a broad range of undergraduate statistics and data science courses, from the introductory to advanced level. See the catalog of MSCS courses (<https://www.macalester.edu/mscs/courses/>) for current course descriptions. We are open to scholarly interests from a wide range of areas, including but not limited to: machine learning, computational statistics, advanced statistical modeling, and data science.

Macalester faculty teach five semester course sections per year (typically two to three distinct courses), supervise senior capstone presentations and honors theses, advise students in their curricular and career choices, maintain an active scholarly agenda, and engage in pedagogical, curricular, and extracurricular departmental activities. During their first year of the appointment, new faculty teach four courses and attend a weekly new faculty development seminar. The Macalester Faculty Handbook details expectations for tenure and promotion: https://docs.google.com/document/d/1jrZ3No-idNNOYiqV2pBT9HghQs_2utJRFY_eF15mLbs/preview.

To apply to this position, please submit the following materials to **Academic Jobs Online**

(<https://academicjobsonline.org/ajo/jobs/22065>):

1. curriculum vitae (CV),
2. graduate school transcripts,
3. three letters of recommendation – at least one of which discusses your potential as a teacher, DEI Statement: a statement of your experience in, commitment to, and vision for diversity, equity, and inclusion (DEI). Discuss contributions to DEI initiatives in your teaching, advising and mentorship, curriculum, scholarship, service, and/or community and professional engagement. Strong candidates will have experience and vision regarding teaching and mentorship of students of multiple and diverse backgrounds with attention to structural barriers that limit access to educational opportunities.
4. teaching statement: a statement of your experience in, commitment to, and vision for teaching undergraduate students. Discuss pedagogical approaches (e.g., inclusive teaching, active and innovative teaching strategies, assessment of learning outcomes), future teaching development goals, and courses you'd be passionate to teach or introduce into the curriculum.
5. research statement: a statement of your contributions to the scholarly field and future research goals. Highlight professional engagement in the field through journal publications, conference presentations, and/or software development as well as ongoing publishable projects. Describe your current and immediate future research projects. The strongest candidates will have enthusiasm and a feasible plan for incorporating undergraduate students in their future research.
6. a cover letter (2-3 pages, no more than three pages) that provides an executive summary of your: specific interest in joining the MSCS Department at Macalester College; training and experience in statistics and/or data science, particularly if you do not have a Ph.D. in Statistics or Biostatistics; experience in, commitment to, and vision for DEI; experience in, commitment to, and vision for teaching undergraduate students; and contributions to the scholarly field and future research goals.

Application materials should be written to be accessible to all members of the search committee (including MSCS and non-MSCS faculty and undergraduate students), as well as the college Provost and Dean of the Faculty.

For any questions about the position, please contact co-chair of the search committee, Brianna Heggeseth (bhegges@macalester.edu). **Full consideration will be given to complete applications received by October 1, 2022.**

Macalester College is located in Saint Paul, Minnesota, on the ancestral homeland of the Dakota people who were forcibly exiled because of aggressive and persistent settler colonialism. Macalester is a highly selective, private liberal arts college in the vibrant Minneapolis-Saint Paul metropolitan area, with a population of approximately three million people and home to numerous colleges and universities, including the University of Minnesota. Macalester's diverse student body comprises over 2000 undergraduates from all 50 states and the District of Columbia and 99 countries. The College maintains a longstanding commitment to academic excellence with a special emphasis on internationalism, multiculturalism, and service to society. As an Equal Opportunity employer supportive of affirmative efforts to achieve diversity among its faculty, Macalester College strongly encourages applications from women and members of underrepresented minority groups.

Tenure-Track Assistant Professor Position in Mathematics Announced at Grinnell College

GRINNELL COLLEGE –DEPARTMENT OF MATHEMATICS AND STATISTICS - TENURE-TRACK POSITION IN STATISTICS OR DATA SCIENCE (START FALL 2023).

The Department of Mathematics and Statistics invites applications for a tenure-track appointment in Statistics beginning Fall 2023. Assistant Professor (Ph.D. in Statistics, Data Science, or related discipline) preferred; Instructor (ABD) or Associate Professor possible. The department is expanding with the goal of offering an enhanced and diverse curriculum that includes innovative and inclusive pedagogies. We encourage candidates with teaching and research interests in any area of statistics or data science to apply.

Grinnell enrolls approximately 1,700 students who come from across the United States and from 45 countries around the world. Grinnell is widely viewed as an institution of the first rank among the nation's small liberal arts colleges, with an excellent faculty and a consistently accomplished and diverse student body. The College's commitment to social justice extends to meeting the full demonstrated need of all students it accepts, and it recently instituted a no-loan policy for student financial aid packages. Its location in the nation's heartland, its global reach, and its passionate and driven students, faculty, staff, alumni, and trustees make Grinnell a unique and exciting place to work.

The Department of Math and Statistics currently consists of 12 permanent faculty positions (8 in mathematics and 4 in statistics). A statistics faculty member typically teaches five courses across the undergraduate statistics and data science curriculum within an environment founded on a strong advising system and close student-faculty interaction. Periodically, one course will be Tutorial (a topical writing/critical thinking course for first-year students, the only College-wide requirement beyond the completion of a major in an individually-advised curriculum). With generous funds for faculty development, travel, and research with students, our department strives to develop teacher-scholars that engage students interested in a wide variety of professions as well as graduate school in various fields. The department ranks 20th in the country, adjusted for institutional size, in the production of students who go on to earn PhDs.

The successful candidate may, if applicable, be nominated for designation as a Clare Boothe Luce Professor: the Luce Program (<https://www.hluce.org/programs/clare-boothe-luce-program/>) guidelines restrict Luce professorships to women who are recent or early-career PhDs and who are U.S. citizens or have permanent residency in the U.S.

Grinnell College is a highly selective undergraduate liberal arts college with a strong tradition of social responsibility. In letters of application, candidates should discuss their interest in developing as a teacher and scholar in a highly selective undergraduate liberal arts college that emphasizes close student-faculty interaction. They should also discuss, either in the letter of application or in a separate statement, their potential to contribute to a college community that maintains a diversity of people and perspectives as one of its core values. To be assured of full consideration, all application materials should be received by October 24, 2022.

Please visit our application website at <https://jobs.grinnell.edu> to find more details about the job and to submit applications online. Candidates will need to upload: a letter of application, curriculum vitae, transcripts (copies are acceptable), a teaching statement, a brief research statement that includes potential or ongoing research projects with undergraduates, and provide email addresses for three references (one or two of which should primarily address teaching). Questions about this search should be directed to the search chair, Professor Shonda Kuiper, at StatisticsSearch@grinnell.edu or 641-269-3172.

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

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

Assistant Professor of Mathematics Position Announced at Bryn Mawr College

The Department of Mathematics at Bryn Mawr College invites applications for a full-time, tenure-track Assistant Professor position to begin August 1, 2023 in Algebra (broadly construed to include algebra, pure and applied, and allied fields such as algebraic geometry, representation theory, algebraic number theory, and algebraic combinatorics). In exceptional circumstances, candidates at a higher rank will be considered. The successful candidate will be expected to be part of developing and teaching a diverse and inclusive curriculum, including interdisciplinary programs and other college-wide initiatives such as the 360 Program and the Emily Balch Seminars.

Candidates must have completed all Ph.D. requirements by the start date. Postdoctoral research experience is desirable. Candidates must show demonstrated promise in research and a serious commitment to undergraduate and graduate teaching. The faculty member filling this position will teach courses at all levels in our mathematics curriculum (from introductory and elective courses to core and graduate sequences in algebra), supervise senior theses, and lead the algebra component of our graduate program. We are looking for candidates excited to contribute to the department's nationally recognized success in supporting women and students from underrepresented groups in mathematics.

To apply for this position, candidates must submit a cover letter, curriculum vitae, teaching philosophy, research statement, and a statement of demonstrated commitment to diversity and inclusion to the Department of Mathematics Search Committee via Interfolio at: <http://apply.interfolio.com/110288>. In addition, candidates should arrange for three letters of recommendation to be submitted via Interfolio to the Mathematics Department Search Committee.

Applications received by **October 17, 2022** will receive full consideration. Applications will continue to be reviewed until the position is filled.

The College will be as flexible as possible in determining the nature of any interviews or meetings (virtual/remote and/or in-person interaction) that are conducted for this search.

Bryn Mawr College is a distinguished liberal arts college for women with a vibrant faculty of scholar-teachers, a talented staff and intellectually curious students eager to make a difference in the world. The College is committed to increasing the diversity of its students, faculty, staff, and curricular offerings with a particular focus on enhancing ethnic and racial diversity and advancing social justice and inclusion. We believe diversity strengthens our community and enriches the education of our students. We have a student body of 1,421 undergraduates (32 percent are U.S. students of color and 15 percent are international students). There are 353 graduate students in coeducational graduate programs in social work, humanities and science. Bryn Mawr College is located in metropolitan Philadelphia and enjoys strong consortial relationships with Haverford College, Swarthmore College, and the University of Pennsylvania.

Bryn Mawr College is an equal-opportunity employer; candidates from underrepresented groups and women are especially encouraged to apply.

Tenure-Track Assistant Professor Position in Mathematics Announced at Grinnell College

GRINNELL COLLEGE – Mathematics- TENURE-TRACK POSITION (START FALL 2023). GRINNELL COLLEGE.

The Department of Mathematics & Statistics invites applications for two tenure-track appointments in mathematics beginning Fall 2023. Assistant Professor (Ph.D.) preferred; Instructor (ABD) or Associate Professor possible.

We encourage candidates with teaching and research interests in any field of mathematics (pure or applied) to apply. The department is expanding with the goal of offering an enhanced and diverse curriculum that includes innovative and inclusive pedagogies. All mathematics faculty teach courses across the undergraduate math curriculum. Our engaged and diverse majors go on to a wide variety of professions as well as graduate school in various fields (the department ranks 20th in the country, adjusted for institutional size, in the production of students who go on to earn PhDs). Grinnell provides excellent support for research with students, and generous funds for faculty development and travel.

The successful candidate may, if applicable, be designated as a Clare Boothe Luce Professor: the Luce Program (<https://www.hluce.org/programs/clare-boothe-luce-program/>) guidelines restrict Luce professorships to women who are recent or early-career PhDs and who are U.S. citizens or have permanent residency in the U.S.

Grinnell College is a highly selective undergraduate liberal arts college with a strong tradition of social responsibility. In letters of application or in a separate statement, candidates should discuss their potential to contribute to a college community that maintains a diversity of people and perspectives as one of its core values. To be assured of full consideration, **all application materials should be received by October 24, 2022.**

Please visit our application website at <https://jobs.grinnell.edu/> to find more details about the job and submit applications online. Candidates will need to upload a letter of application, curriculum vitae, transcripts (copies are acceptable), teaching statement, a brief research statement which includes potential or ongoing research projects with undergraduates, and provide email addresses for three references. Questions about this search should be directed to the search chair, Professor Jennifer Paulhus, at MathSearch@grinnell.edu, or (641) 269-3172.

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

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

Assistant Professor of Statistical, Mathematical, and Data Sciences Position Announced at Smith College

The Program in Statistical & Data Sciences (SDS) and the Department of Mathematical Sciences (MTH) at Smith College invite applications for a joint tenure-track position at the rank of Assistant Professor, to begin July 1, 2023. We seek candidates with a strong commitment to research, teaching and inclusion, in an undergraduate liberal arts context. Ph.D. in Statistics or a closely-related discipline is expected by the time of appointment. Candidates from groups underrepresented in STEM are strongly encouraged to apply. The new hire will join an interdisciplinary cohort of five recently hired tenure-track faculty in applied mathematics, statistics, and data science. SDS and MTH have recently created a new major in Mathematical Statistics, situated between the two departments and including courses from both, that is designed, in particular, to prepare students for graduate studies in statistics and related disciplines. The successful candidate will be expected to play, after a few years, a leadership role in this major, and articulate and execute a vision for curricular and co-curricular developments.

The position has a teaching load of two courses per semester, with repeat preparations being common. Successful candidates will have an active research agenda and should be prepared to engage a diverse group of students in their program of research. Typical teaching responsibilities for this position would regularly include core courses in the MST major offered by both departments. Other courses may be taught depending upon the candidate's field of specialization. Candidates should have a strong foundation in both mathematics and statistics. Candidates with experience in Bayesian statistics, high-dimensional data analysis, and machine learning are particularly encouraged to apply.

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

Submit application at <http://apply.interfolio.com/110881> with a cover letter, curriculum vitae, a statement of teaching philosophy, a research statement, and a diversity/inclusion statement. The cover letter should specifically address the candidate's experiences with statistics and their ability to steer the major in Mathematical Statistics. Applications must include three letters of recommendation, at least one of which must discuss teaching. Semi-finalists will be asked for a written statement on data ethics. **Review of applications will begin on October 1st, 2022.**

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

Tenure-track Assistant Professor in Number Theory Announced at Boston University

The Department of Mathematics and Statistics at Boston University invites applications for a tenure-track Assistant Professor position in number theory. A Ph.D. is required. All areas of number theory will be considered, with some preference given to automorphic representation theory and arithmetic geometry. Our Department is committed to building a diverse community of scholars and invites applicants not only to share their thoughts on teaching and research but also to indicate ways in which they may be able to contribute to the creation of an equitable and inclusive community in the Department.

Submit cover letter, CV, research statement, and teaching statement online to <https://www.mathjobs.org/jobs/list/20425>, and arrange for the online submission to the same address of four recommendation letters, one of which addresses teaching.

Application deadline: December 1, 2022. Pending final administrative and budgetary approval, the appointment will start on July 1, 2023.

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

Two Tenure-Track Positions in Mathematics (Data & HPC) Announced at Virginia Tech University

The Virginia Tech Department of Mathematics anticipates two tenure-track openings in Mathematics of Data and High Performance Computational Mathematics with a start date of August 10, 2023, at our Blacksburg, VA, campus.

The successful candidate will have a strong background in mathematics of data, high performance computing, or their intersection. Possible specialties include, but are not limited to, algorithms for large-scale data, reduced-order data-driven modeling, model order reduction, numerical linear algebra, randomized numerical linear algebra, tensor computations, inverse problems, numerical PDE modeling, PDE solvers, machine learning, optimization, or uncertainty quantification. Application areas of interest include, but are not limited to, geosciences, neuroscience, physics, biology, chemistry, or economics.

Appointment as an Assistant Professor of Mathematics is anticipated, but exceptional senior candidates will be considered for positions of Associate Professor of Mathematics or Professor of Mathematics. Teaching and service duties will be split between the Mathematics Department and the Computational Modeling and Data Analytics (CMDA) program. The CMDA program is a collaborative effort involving faculty members from several departments, located in the College of Science's Academy of Data Science (<https://data.science.vt.edu>). The recently established Academy of Data Science embodies Virginia Tech's commitment to its land-grant mission of using leadership in teaching, research, and service to address society's pressing problems.

Job requirements include a Ph.D. in mathematics or a related field at the time of appointment and an active research program (or for new Ph.D.'s, strong promise for developing an active research program) in mathematics of data, high performance computing, or their intersection.

Position will require occasional travel to conferences and meetings. The successful candidate will be expected to establish a distinguished research program and to provide effective instruction and advising to a diverse population of undergraduate and graduate students. Additional responsibilities include: continuing development of professional capabilities and scholarly activities, including travel to professional meetings; curriculum development, in particular enhancing the computing aspects of the Mathematics and CMDA curricula; participation in department, college, and university governance; and professional service. The Mathematics Department is committed to building an inclusive community of mathematical scientists through programs and activities that are woven into the department's research, teaching, and outreach efforts. Our commitment is illustrated by programs such as our: Broadening Engagement and Participation in Undergraduate Research; Mathematics: Opportunities in Research and Education; and professional development activities organized by the Virginia Tech Chapter of the Association for Women in Mathematics, winner of the 2021 AWM Student Chapter Award for Scientific Excellence. Through undergraduates' supervised tutoring of local public school students and through the department's participation in the Commonwealth Cyber Initiative, the Mathematics Department introduces secondary school and community college students to opportunities in the mathematical sciences.

The diversity statement required in our application process gives candidates opportunities to bring to our attention their qualifications for and interest in contributing to efforts to diversify our discipline. Strong statements will demonstrate informed awareness of the rewards and challenges arising from efforts to provide equitable opportunities for all. Specific examples of experiences, activities, and plans will help us identify candidates who can support and extend our department's commitment to inclusive excellence.

An online application is required. To apply, please visit www.jobs.vt.edu, select "Apply Now," and search by posting number 521837. Please include a cover letter, a CV, a research statement, a teaching statement, and a diversity statement as part of the online application.

Additionally, each applicant should follow the instructions in the online application system to request that four professional references submit letters of recommendation directly to the Department of Mathematics or letters can be emailed to compmath22@math.vt.edu. Your references will receive a communication that requests the submittal of the reference letter directly to the department once your completed application has been received.

Additional information about position requirements and responsibilities can be found at the following websites: <http://www.hr.vt.edu> and <https://www.math.vt.edu>. The faculty handbook (at <https://faculty.vt.edu/faculty-handbook.html>) gives a complete description of faculty responsibilities. The successful candidate will be required to have a criminal conviction check.

Questions about the search may be addressed to compmath22@math.vt.edu.

Open Rank Faculty Position in Mathematics (PDE's) Announced at Virginia Tech University

Virginia Tech Department of Mathematics Faculty Position in Differential Equations The Virginia Tech Department of Mathematics anticipates a tenure-track opening in the area of Differential Equations with a start date of August 10, 2023, at our Blacksburg, VA, campus.

The successful candidate will have a strong background in the theory or applications of deterministic or stochastic ordinary or partial differential equations, including, but not limited to, regularity theory, well-posedness analysis, stability analysis, controllability analysis, dynamical properties of differential equations, parameter estimation, uncertainty quantification, mathematical modeling using deterministic or stochastic ordinary or partial differential equations, or applications of deterministic or stochastic ordinary or partial differential equations to fluid mechanics or dynamics, differential geometry, optimal control, calculus of variations, or the physical or life sciences. The successful candidate will have the opportunity to engage in interdisciplinary research, curriculum development, and/or outreach initiatives with other members of the Virginia Tech faculty.

Appointment as an Assistant Professor of Mathematics is anticipated, but exceptional senior candidates will be considered for positions of Associate Professor of Mathematics or Professor of Mathematics. Job requirements include a Ph.D. in mathematics or a related field at the time of appointment and an active research program, or, for new Ph.D.'s, strong promise for developing an active research program.

The required teaching statement and the optional diversity statement that are part of our application process give candidates opportunities to bring to our attention their qualifications for and interest in contributing to efforts to diversify our discipline. Strong statements will demonstrate informed awareness of the rewards and challenges arising from efforts to provide equitable opportunities for all. Specific examples of experiences, activities, and plans will help us identify candidates who can support and extend our department's commitment to inclusive excellence.

If a diversity statement will help us understand your potential to contribute, please submit a diversity statement. Especially if you choose not to submit a diversity statement, please include in your teaching statement a discussion of your philosophy of and experiences with mentoring and talent development, particularly as those activities pertain to the inclusion of people from groups traditionally underrepresented in math. An online application is required.

To apply, please visit www.jobs.vt.edu, select "Apply Now," and search by posting number 521835. Please include a cover letter, a CV, a research statement, a teaching statement, and, if desired, a diversity statement as part of the online application. Each applicant should follow the instructions in the online application system to request that four professional references submit letters of recommendation or letters can be emailed to de_search22@math.vt.edu. Your references will receive a direct communication that requests the reference letters once your completed application has been received.

Additional information about position requirements and responsibilities can be found at the following URLs. <http://www.hr.vt.edu> or <https://www.math.vt.edu>. The faculty handbook (at <https://faculty.vt.edu/faculty-handbook.html>) gives a complete description of faculty responsibilities. The successful candidate will be required to have a criminal conviction check. Questions about the search may be addressed to de_search22@math.vt.edu.

Applications received by October 31, 2022, will receive full consideration.

Virginia Tech is committed to supporting the success of its faculty members through policies that include the modification of duties, the extension of tenure clocks, mentoring, proposal-writing guidance, and dual-career accommodations, depending on individual circumstances. Interviewed candidates will meet with a work-life liaison for a confidential conversation about details of these policies.

Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law.

For inquiries regarding non-discrimination policies, contact the Office for Equity and Accessibility at 540-231-2010 or Virginia Tech, North End Center, Suite 2300 (0318), 300 Turner St. NW, Blacksburg, VA 24061. Individuals with disabilities desiring accommodations in the application process should notify Mr. Kevin Kish (kevink96@vt.edu, 540-231-6536) or call TTY 1-800- 828-1120 by October 31, 2022.

Multiple Tenure-Track Faculty Positions in Data Science Announced at James Madison University

Environmental Data Science Faculty Cohort (Four Positions)

James Madison University (JMU) invites applications for an exciting collaborative environmental data science cohort hire. The cohort hires will consist of four tenure-track faculty at rank of assistant or associate professor who will work collaboratively across disciplines to develop undergraduate curricula and research programs at the intersection of data science, climate science, and environmental analytics. One or more of the four positions could be teacher-scholar post-doctoral appointments. Successful candidates will possess the expertise, creative ability, interdisciplinary problem-solving skills, and team-oriented work ethic to establish James Madison University as a home for environmental data science curricula and research. Given that many of the challenges facing the environment differentially affect particular populations of humans, a critical component of this cohort would be the integration of social justice into curricula and research initiatives.

Successful candidates will have primary appointments in an academic unit most aligned with their disciplinary focus. These include Biology, Chemistry and Biochemistry, Geology and Environmental Science, Mathematics and Statistics, and Physics and Astronomy in the College of Science and Mathematics (CSM), as well as Computer Science, Engineering, Geography, and Integrated Science and Technology in the College of Integrated Science and Engineering (CISE). At least two of the appointments will be in the academic unit of Mathematics and Statistics and would be involved in the development of a data science program at JMU.

The Colleges of Science and Mathematics (CSM) and Integrated Science and Engineering (CISE) provide a solid foundation for this cohort initiative. CSM is a vibrant college with 168 full-time faculty and about 1500 full-time majors, and has established collaborations with faculty and departments in other JMU colleges. CISE, JMU's newest college, includes 89 full-time faculty and nearly 1900 majors across its three applied science and technology units. Faculty across the colleges are passionate about using high impact pedagogies and providing research experiences for undergraduates, as well as high quality experiences for graduate students in some programs. Cross-disciplinary collaborations in teaching and research include a Biotechnology major and Materials Science minor (both offered by CSM and CISE), a Data Analytics minor, Environmental minors (offered by CSM, CISE and College of Arts and Letters), and JMU X-labs courses. CSM, CISE, and other colleges host a variety of research and outreach-focused centers that work with faculty and students as well as with the community. JMU excels in global education and community engagement, and is deeply committed to student and faculty diversity, with a focus on enhancing inclusivity and belonging.

Duties and Responsibilities:

Teaching responsibilities could include introductory and upper division undergraduate courses, laboratory courses, and graduate courses. Preference will be given to applicants that demonstrate an ability to develop and teach one or more courses on databases and data structures. Successful candidates are expected to initiate and maintain an active research program involving students. Collaboration with other cohort hires and faculty in other fields is expected.

Qualifications:

Applicants will have a Ph.D. in a relevant discipline or field, and the potential for vibrant, collaborative teaching and scholarship at our primarily undergraduate institution. Consideration will be given to ABDs at the advanced dissertation stage that exhibit particularly compelling records. To learn more and to apply, go to joblink.jmu.edu and reference posting F1973 or go to <https://joblink.jmu.edu/postings/12786>. **Review of applications begins 10/17/2022.** Salary is commensurate with experience. For more information, contact the chair of the search committee, Dr. Steven Whitmeyer (email: whitmesj@jmu.edu).

James Madison University is committed to creating and supporting a diverse and inclusive work and educational community that is free of all forms of discrimination. This institution does not tolerate discrimination or harassment on the basis of age, color, disability, gender identity or expression, genetic information, national origin, parental status, political affiliation, race, religion, sex, sexual orientation or veteran status. We promote access, inclusion and diversity for all students, faculty, staff, constituents and programs, believing that these qualities are foundational components of an outstanding education in keeping with our mission. The university is interested in candidates whose experience and qualifications support an ongoing commitment to this core quality. Anyone having questions concerning discrimination should contact the Office for Equal Opportunity: (540) 568-6991.

Tenure-Track Assistant Professor in Mathematics Position Announced at Barnard College

The Department of Mathematics at Barnard College invites applications for a tenure-track faculty position at the rank of Assistant or Associate Professor to begin July 1, 2023.

Candidates in all fields of mathematics are encouraged to apply. All candidates should have an outstanding record in research and be committed to excellence in teaching. Duties include research, service, and teaching at the undergraduate and graduate levels.

Applicants must submit a cover letter, teaching and research statements, a curriculum vitae, a list of publications, and the contact information for 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.

To be considered complete, an application must be filed with the required Barnard PeopleAdmin at <https://careers.barnard.edu/postings/6566>.

In order to receive full consideration, applications must be received by December 15, 2022. **Preference will be given to candidates who apply by November 15, 2022.**

Barnard College is an Equal Opportunity Employer and is actively committed to creating a diverse and inclusive community. We especially encourage applications from women, people of color, people with disabilities, LGBTQ people, and individuals from other underrepresented groups.

Assistant Teaching Professor in Mathematics Announced at Carnegie Mellon University

The Department of Mathematical Sciences at Carnegie Mellon University invites applications for an Assistant Teaching Professor to begin September 1, 2023. Candidates with sufficient experience may also be considered for an Associate Teaching Professor appointment.

Carnegie Mellon University has teaching-track faculty with the titles of Assistant Teaching Professor, Associate Teaching Professor, and Teaching Professor. These non-tenure-track faculty positions are considered career positions that are not temporary, but with the expectation of reappointment and promotion. The standard teaching load for teaching-track faculty in Mathematical Sciences is three courses per semester, though this may be reduced in cases of increased service responsibilities.

A Ph.D. in Mathematics or a closely related discipline is required. Demonstrated excellence in classroom teaching is expected. Preference will be given to candidates with sustained demonstrated excellence in teaching, as well as candidates who can guide undergraduate research projects and have the potential to contribute to educational initiatives in the Department and across the University.

The Department of Mathematical Sciences is committed to increasing the diversity of its community on a range of intellectual and cultural dimensions and is part of a College and University that is proactive to include more members of previously under-represented groups. We seek candidates who, through their research, teaching, and/or service will contribute to the diversity and excellence of our academic community.

Applicants should submit all materials electronically through [Mathjobs](#) and [Interfolio](#). This includes a cover letter, curriculum vita, list of publications, a statement describing teaching contributions and philosophy, a statement describing research interests (which may include undergraduate research experiences and potential projects), and a diversity statement. A minimum of three letters of reference are also required, with at least one letter addressing the applicant's teaching ability.

Applications should be submitted by December 15, 2022. Applications may be accepted and reviewed until the position is filled.

Carnegie Mellon University shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

Apply on [Mathjobs](#) and [Interfolio](#)

Tenure-track Position in Mathematics Announced at Carnegie Mellon University

The Department of Mathematical Sciences at Carnegie Mellon University invites applications for a tenure-track position at the rank of assistant or associate professor to begin September 1, 2023. The search is focused on candidates with expertise in computational mathematics, numerical analysis, optimization, and related areas. Addressing applied problems and participation in interdisciplinary efforts is also valued.

Qualifications:

Preference will be given to candidates who have demonstrated excellence in research and have a vigorous research program.

The Department of Mathematical Sciences is committed to increasing the diversity of its community on a range of intellectual and cultural dimensions and is part of a College and University that is proactive to include more members of previously under-represented groups. We seek candidates who, through their research, teaching, and/or service will contribute to the diversity and excellence of our academic community.

Application Instructions:

Applicants should submit all materials electronically through [Interfolio](#) and [Mathjobs](#). This includes a cover letter, curriculum vita, list of publications, a statement describing current and planned research, a teaching statement, and a statement describing how, through their research, teaching and/or service, they plan to contribute to and foster diversity and inclusion in mathematics. Candidates should also arrange for at least three letters of recommendation that will be solicited through MathJobs.

The review applications will begin on **November 15, 2022**. However, applications may be accepted and reviewed until the position is filled.

CMU seeks to meet the needs of dual-career couples and is a member of the Higher Education Recruitment Consortium (HERC) that assists with dual-career searches.

Apply on [Mathjobs](#) and [Interfolio](#)

Tenure-track Position in PDE's Announced at Carnegie Mellon University

Description:

The Department of Mathematical Sciences at Carnegie Mellon University invites applications for a tenure track position at the rank of assistant professor or above to begin on September 1, 2023. This search will focus on the area of partial differential equations.

Qualifications:

Preference will be given to candidates who have shown outstanding promise and/or excellent research accomplishments and are pursuing a vigorous research program. Demonstrated abilities in teaching and in mentoring students of diverse backgrounds are a strong plus.

The Department of Mathematical Sciences is committed to increasing the diversity of its community on a range of intellectual and cultural dimensions, and is part of a College and University that is proactive to include more members of previously under-represented groups. We seek candidates who, through their research, teaching, and/or service will contribute to the diversity and excellence of our academic community.

Application Instructions:

Applicants should submit all materials electronically through [Interfolio](#) and [Mathjobs](#). This includes a cover letter, curriculum vita, a list of publications, a statement describing current and planned research, a teaching statement, a diversity statement (describing how candidates, through their research, teaching and/or service plan to contribute to and foster diversity and inclusion in mathematics), and at least three letters of recommendation.

Applications should be **submitted by November 15, 2022** for full consideration but may be accepted and reviewed until the position is filled.

Apply on [Mathjobs](#) and [Interfolio](#)

Assistant Professor in Statistics Position Announced at University of California

The Department of Statistics at the University of California invites applicants for two tenure-track Assistant Professor positions. This position will start on July 1, 2023.

The two positions target candidates that have demonstrated high-quality research and are committed to excellent teaching. Applicants in all areas of Statistics will be given serious consideration, but we are particularly interested in candidates who have expertise in Biostatistics and/or Data Sciences.

Required qualifications for this position that must be met by the date of application include: Applicants have demonstrated high-quality research in biostatistics and/or data science and are committed to excellent teaching.

Preferred qualifications for this position include: Applicants in all areas of Statistics will be given serious consideration, but we are particularly interested in candidates who have expertise in data science and/or biostatistics

Additional qualifications for this position that must be met by the date of hire include: Ph.D. in Statistics, Biostatistics, or a closely related field.

Advancement through the Professorial ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years.

To apply: submit the following to <https://apptrkr.com/3392064>

- Cover Letter – Short cover letter describing background and interests.
- Curriculum Vitae – Most recently updated C.V.
- Statement of Teaching
- Statement of Research/Scholarly Activities
- Statement of Past and/or Planned Future Contributions to Advancing Diversity and Inclusive Excellence – Applicants should summarize their past and/or potential future contributions to promoting a diverse, equitable, and inclusive environment, which can be reflected through research, teaching, supervision, mentoring, community engagement, service, and any of the other varied activities that are a part of an academic career.
- Letters of Reference – Applicants should provide 3 letters.

Review of applications will commence on November 1, 2022, and proceed until positions are filled. For full consideration, applicants should submit their complete applications prior to the above date.

For more information about these positions, please contact Dr. Xinping Cui, Chair of the Search Committee, Department of Statistics, at xinping.cui@ucr.edu. For questions on application procedures and requirements, please contact Ms. Rocio McFadden, Academic Personnel, at rocio.mcfadden@ucr.edu.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

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

University of California COVID-19 Vaccination Program Policy: As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. Please refer to Appendix F, Section II.C. of the policy for the deadlines applicable to new University of California employees. (Capitalized terms in this paragraph are defined in the policy.) Federal, state, or local public health directives may impose additional requirements.

Tenure-Track Assistant Professor of Statistics/Data Science Position Announced at San José State University

Please apply at <https://jobs.sjsu.edu/en-us/job/519480/assistant-professor-statistics-data-science>.

Position Description

The Department of Mathematics and Statistics at San José State University invites applications for one full time tenure-track faculty position in Statistics/Data Science at the rank of Assistant Professor. The Department of Mathematics and Statistics at San José State University offers undergraduate and graduate degrees that prepare students to pursue continuing graduate study, to work in industry, and to teach in secondary schools or community colleges. Our department has faculty expertise in Pure and Applied Mathematics, Statistics, Data Science and Mathematics Education. We strive to teach our students to communicate statistical ideas effectively and to use basic computational skills, mathematical and statistical models, and technology to solve practical problems. The Department offers a variety of courses that serve students in other departments, notably engineering, science, and business, to help them use mathematics, statistics and quantitative analysis effectively in their chosen field. We also strive to teach well, maintain high standards for student performance, and keep our curriculum up-to-date. Our faculty are active in scholarship and research, and are highly involved in student research via the Center for Applied Mathematics, Computation and Statistics (CAMCOS) projects and graduate student theses. You can read more about us at www.sjsu.edu/math.

Required Qualifications

Doctoral degree in Statistics or a closely related field completed by July 2023. We seek applicants with demonstrated evidence/potential of excellence in teaching at the university level, outstanding research potential, and a commitment to department service. A successful candidate will have expertise in an area of statistics or data science. Applicants should demonstrate an awareness of and sensitivity to the educational goals of a socially and economically diverse student population as might have been gained in cross-cultural study, training, teaching, and other comparable experience.

Preferred Qualifications

Experience or interest in projects involving statistics or data science with business, industry, or government is desired, as we are looking for faculty who will help students find careers in business, industry, or government.

Key Responsibilities

The candidate is expected to teach a variety of undergraduate and graduate statistics or data science courses in the Department of Mathematics and Statistics, to maintain a program of scholarly activity, and to work on curriculum and program development..

Pursuant to the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (Clery Act) and CSU system wide policy, some faculty duties may lead to designation as a Campus Security Authority (CSA). CSAs are required to complete Clery Act training and to immediately report Clery incidents to the institution.

Application Procedure

Select Apply Now to complete the SJSU Online Employment Application and attach the following documents:

- Letter of interest
- Curriculum vitae
- Diversity statement. Please include, if possible, demonstrated awareness of sensitivity to the educational goals of a multicultural population and note any preferred cross-cultural experience. Discuss how you would address the needs of ethnically diverse students through course materials, teaching strategies and advisement. (1-2 pages) Statement of teaching interests/philosophy. Please include a paragraph or two that describes what role faculty play in student success. (1-2 pages) Research Statement. In addition to a brief outline of your plans to establish your research program, include a paragraph or two on how you plan to include students in your research activities. (1-2) pages.
- Three references with contact information. We will be contacting your references to request letters of recommendation.

For full consideration, please submit your completed application by November 15, 2022. Inquiries may be directed to the Search Committee Chair: Dr. Martina Bremer (martina.bremer@sjsu.edu)

Conditional Offer

The work for this faculty position is located in the State of California. Employment is contingent upon proof of eligibility to work in the United States. Proof of immunization and booster shots against COVID-19 or proof of a medical or religious exemption and compliance with testing protocols is required for employment. Satisfactory completion of a background check (including a criminal records check) is required for employment. SJSU will make a conditional offer of employment, which may be rescinded if the background check reveals disqualifying information, and/or it is discovered that the candidate knowingly withheld or falsified information. Failure to satisfactorily complete the background check may affect the continued employment of a current employee who was conditionally offered the position.

Equal Employment Statement

San José State University prohibits discrimination on the basis of Age, Ancestry, Caste, Color, Disability, Ethnicity, Gender, Gender Expression, Gender Identity, Genetic Information, Marital Status, Medical Condition, Military Status, Nationality, Race, Religion, Religious Creed, Sex, Sexual Orientation, Sex Stereotype, and Veteran Status. This policy applies to all San José State University students, faculty, and staff as well as University programs and activities. Reasonable accommodations are made for applicants with disabilities who self-disclose.

Pursuant to the Higher Education Opportunity Act, the Annual Fire Safety Report (AFSR) is available at <https://www.sjsu.edu/clery/docs/SJSU-Annual-Fire-Safety-Report.pdf>. The purpose of this report is to disclose statistics for fires that occurred within SJSU on-campus housing facilities for the three most recent calendar years, and to distribute fire safety policies and procedures intended to promote safety on Campus. A paper copy of the AFSR is available upon request by contacting the Housing Office by phone at 408-795-5600 or by email at uhs-frontdesk@sjsu.edu.

Open Rank Clinical faculty Positions in Epidemiology at The Ohio State University

Department: Public Health | Division of Epidemiology

Clinical faculty (regardless of rank) – faculty positions within the university that are not tenure track and not eligible for tenure, on a fixed term contract. Persons with the title of professor-clinical, associate professor-clinical, assistant professor-clinical and instructor-clinical. Duties and responsibilities are assigned in accordance with the workload guidelines laid out in the pattern of administration of each faculty department and, as appropriate, regional campus; Clinical faculty are teacher/practitioners and will be engaged primarily in teaching activities. These faculty normally have earned doctorate or other terminal degree in the relevant field or equivalent experience.

Additional Information: The Division of Epidemiology in the College of Public Health at The Ohio State University invites applicants for a clinical/teaching track (non-tenure earning) position (open rank). This is a 9-month appointment, and the faculty member will be responsible annually for teaching 6 undergraduate or graduate courses, which vary between online and in-person. In addition, this individual will participate in advising undergraduate and MPH students, serve on College committees, provide mentorship to PhD students teaching sections of undergraduate courses, and assist with the development of new undergraduate/graduate courses.

Qualifications: A Ph.D. in public health with a specialization in epidemiology, or a closely related degree with public health or practice experience, is required. The faculty member should have a record of successful independent teaching of undergraduate and graduate students from diverse backgrounds and a demonstrated commitment to equity, diversity, and inclusion. Those with research and/or applied practice experience are strongly encouraged to apply; however, it is not the expectation that the candidate will be active in research.

Commitment to Diversity and Inclusion: The Ohio State University is committed to establishing a culturally and intellectually diverse environment, encouraging all members of our learning community to reach their full potential. We are responsive to dual-career families and single parents and strongly promote work-life balance to support our community members through a suite of institutionalized policies. We are an NSF Advance Institution and a member of the Ohio/Western Pennsylvania/West Virginia Higher Education Recruitment Consortium. The University is an Equal Opportunity, Affirmative Action Employer and is committed to a diverse workforce and encourages applications without regard to race, color, religion, sex, sexual orientation or identity, national origin, disability status, or protected veteran status.

Application Instructions: To apply, please visit: <https://osu.wd1.myworkdayjobs.com/en-> and/or <https://osujoblinks.com/828d> Applications will be accepted immediately and will be considered until the search has concluded, but those received by April 1, 2022 will receive priority consideration. Our goal is to have the position filled by end of spring semester 2022 for a start date of August 15, 2022.

To apply, please submit: 1) a cover letter describing your interest in the position, qualifications, and special expertise in teaching graduate and undergraduate epidemiology classes; 2) a teaching statement describing your philosophy of teaching and approach to graduate and undergraduate classes (if applicable); and 3) a curriculum vitae. The College of Public Health is dedicated to fostering a sense of community and belonging for all. We strive to promote diversity and equity – and to be a model of inclusive excellence. Please include a separate diversity statement (up to one page) which outlines examples of commitment to diversity and inclusion, inclusive teaching practices, and how you believe you might contribute to our inclusive climate. Finalists will be asked to supply letters of recommendation. Please direct inquiries about this position to the chair of the search committee, Professor Amy Ferketich (ferketich.1@osu.edu).

Ohio State University COVID-19 Vaccination Policy: COVID-19 vaccinations are now required for all Ohio State University students, faculty, and staff across all campuses by October 15, 2021. This includes those working or learning remotely. More information on this policy is available at: <https://safeandhealthy.osu.edu/covid-19-vaccine-requirement>.

The Ohio State University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation or gender identity, national origin, disability status, or protected veteran status. The university is committed to establishing a culturally and intellectually diverse work environment, encouraging all members of our learning community to reach their full potential. We are responsive to dual-career families and strongly promote work-life balance to support our community members through a suite of institutionalized policies and practices.

Tenure-Track Assistant Professor Position in Mathematics Announced at CSU East Bay

The Department of Mathematics at CSU East Bay is seeking a tenure track faculty member at the Assistant Professor level to join our efforts to support and increase the number of historically underserved students in STEM fields. Another important role for our new colleague will be to teach undergraduate and graduate level numerical analysis, optimization and a range of other applied courses and to engage students in applied mathematics research.

In alignment with our department's deep commitment to access, equity, flexibility and community, we seek a colleague who is versed in Active Learning and culturally responsive and sustaining pedagogy – we strive to use these approaches as a part of our intentional efforts towards supporting our stated commitments. We have faculty who are active in grant funded curriculum design and research to support student success at all levels of mathematics. We are excited to welcome a new colleague who will embrace and engage in this important work with us.

For more information and to apply see: <https://www.mathjobs.org/jobs/list/20162>

Tenure-Track Faculty Position in Mathematics Announced at the College of the Holy Cross

GENERAL INFORMATION

The Department of Mathematics and Computer Science at the College of the Holy Cross invites applications for a full-time tenure-track appointment to begin in August 2023. We are looking for candidates who use computational tools in their chosen area of research and can bring this experience into their teaching. All research specialties will be considered. Candidates would be expected to teach at all levels of our mathematics curriculum. In addition, we look for applicants who are interested in working with students on undergraduate research projects.

This position carries a 3-2 teaching load with a full-salary one-semester research leave prior to tenure review, and generous sabbatical and fellowship leaves for tenured faculty. Tenure-track faculty are eligible for travel support and reimbursement of relocation costs within the College's published policies. All full-time appointments offer competitive salaries and include full benefits. To learn more about faculty life at the College and in the Worcester area, candidates are encouraged to visit <http://holycross.edu/join>.

QUALIFICATIONS

Candidates must demonstrate a commitment to, and excellence in, undergraduate teaching at the introductory and advanced levels, as well as a record of scholarly achievement. A Ph.D. in mathematics, applied mathematics, or a closely related field is required.

APPLICATION INSTRUCTIONS

Please submit a cover letter addressing the position requirements listed above, as well as a curriculum vitae, statement on research, statement on teaching, statement on diversity, equity and inclusion, undergraduate and graduate transcripts, and three confidential letters of recommendation.

In your cover letter, in addition to describing your research and teaching interests, please address the ways you might contribute to and further the College's mission as a Jesuit, undergraduate liberal arts college (see <http://holycross.edu/mission>) and its core commitment to diversity and inclusion. Previous experience teaching, mentoring, or advising diverse student populations is an asset. For more information, please visit <http://holycross.edu/diversity>.

The College of the Holy Cross uses Interfolio to collect all faculty job applications electronically. Please submit all application materials to <https://apply.interfolio.com/112474>.

Applications received by **November 15, 2022** will receive full consideration. Initial interviews of selected applicants will take place in early to mid-December by Zoom only, in order to adhere to the College's equity practices. Questions about this search may be directed to Eric Ruggieri, Ph.D., Hiring Committee Chair, eruggier@holycross.edu.

COVID-19 VACCINATION POLICY

To mitigate the spread and effects of COVID-19, and as an integral part of its public health and safety measures, College of the Holy Cross requires that all successful applicants show proof of full, up-to-date vaccination (including a booster dose once eligible) by an FDA-approved COVID-19 vaccine before beginning employment, unless an accommodation exempting the applicant from this policy has been granted. Applicants who wish to request an accommodation based on a disability or sincerely-held religious belief should inform Human Resources after an offer of employment is extended; please do not include any medical, genetic, or religious information in your application materials.

EQUAL OPPORTUNITY EMPLOYMENT STATEMENT

The College of the Holy Cross is a highly selective Catholic liberal arts college in the Jesuit tradition. It enrolls about 3,100 students and is located in Worcester, Massachusetts, a medium-sized city 45 miles west of Boston. The College seeks faculty members whose scholarship, teaching, advising, and on- and off-campus service demonstrate commitment to the educational benefits of a richly diverse community.

Holy Cross aspires to meet the needs of dual-career couples, in part through its membership in the Higher Education Consortium of Central Massachusetts and the New England Higher Education Recruitment Consortium (<http://www.newenglandherc.org>). The College is an Equal Employment Opportunity Employer and complies with all Federal and Massachusetts laws concerning equal opportunity and affirmative action in the workplace.

Tenure-Track Positions in Statistics Announced at Reed College

The Reed College Mathematics Department invites applications for two tenure-track positions in statistics at any rank to begin August 2023. 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 at: <https://www.mathjobs.org/jobs/list/20275> 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, 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 **October 2, 2022**, to guarantee full consideration. Any questions may be directed to the chair of the search committee, David Perkinson, at davidp@reed.edu.