



Upcoming Events

MAA MATHFEST 2022

Philadelphia, PA
Aug. 3-6, 2022

STATFEST 2022

Virtual
Sept. 17, 2022

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](#)

Thoughts from the Director...



David Goldberg
Executive
Director of the
Math Alliance

As July ends and we are getting close to the beginning of a new school year. I know many of us are looking forward to even more in person contact with students than in the last two years. I want to encourage those of you meeting new students to remember that one of our Mentors' main responsibilities is to identify students and bring them into the Math Alliance Community. Those of you finishing up working with a summer REU program, consider whether any of the students you've met should be Math Alliance Scholars, and especially whether they should be in F-GAP this year. There is still time for students to be enrolled in F-GAP and to be invited to this year's Field of Dreams Conference.

Speaking of F-GAP we are pleased to announce that Roberto Soto of California State University, Fullerton, has agreed to become our new F-GAP Director. Roberto will be working with Phil Kutzko closely on this year's program and will transition to being the main person running the program soon. Roberto was, himself, a Math Alliance Scholar, and is a member of our Executive Council. I can't thank Phil enough for all he has done for the Math Alliance, and particularly in running F-GAP the last few years, and I am sure the feeling is widely held in the Math Alliance community. Phil is not going away, he is just stepping back from F-GAP to concentrate on other things, and he will continue to help us in charting our way forward. We are grateful for Roberto's help in taking over the program and we think he will bring new energy and ideas to enhance the experience for Scholars. Thanks Roberto!!

If you are attending MAA MathFest in Philadelphia, please try to come to our panel discussion, *The Math Alliance, Building a New American Community in the Quantitative Sciences*. The panel will take place from 9:30-10:50AM, Wednesday August 4, in Salon A. We hope to see many of our friends there. As we return to in-person meetings like MathFest, JSM, and SACNAS, we look forward to reconnecting with you and other friends and colleagues for the first time in what seems like forever. We are really looking forward to our in-person Field of Dreams Conference, November 4-6, in Minneapolis, MN.

Registration for the conference is open, see the link below. Our road of late has not been straight, and the road ahead is certain to be full of bumps and turns. I feel lucky to have the whole Math Alliance community going forward together, and I am confident, together we are moving in a positive direction.

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. To book the discounted rate, please use this [link](#).

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!

Announcing Roberto Soto as our new F-GAP Director!



The Math Alliance is pleased to announce that Roberto Soto will assume the role of Director of the Facilitated Graduate Admissions Process (F-GAP), effective immediately. We consider F-GAP to be our most successful program and it has grown to be a significant undertaking. Phil Kutzko has been doing a great job running F-GAP the last few years and will work closely with Roberto through the current F-GAP cycle. Phil is going to shift his focus from F-GAP to other areas and activities within the Math Alliance. We owe Phil an enormous thanks for all he has done for the Math Alliance over the decades and in particular we thank him for his dedication in developing F-GAP to its current form.

Roberto is an Associate Professor at California State University, Fullerton. Roberto, himself, is a Math Alliance Scholar, who completed his Ph.D. at the University of Iowa in 2015. He has nominated 20 Math Alliance Scholars, and many of those have participated in F-GAP. Roberto has been a member of the Math Alliance Executive Council, which sets all of our policies. The Math Alliance is very grateful that Roberto is willing to take on this role, and already we've discussed some new ideas and possible research projects centered around F-GAP. We are excited and sure that Roberto will help the F-GAP program grow even further. Welcome aboard Roberto!

Accepting 2022-23 F-GAP Nominations!

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

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

If you know of a Juniors or Master's student who will be applying to graduate programs for Fall 2023 please submit student nominations here:

We have a page on our website that has [Selection Criteria](#) for you to reference before you nominate your student.

[Nominate a Student Now](#)



North Carolina State's Visit NC State Day

The logo for North Carolina State University, featuring the words "NC STATE" and "UNIVERSITY" in white, 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>.

August

[This Is What Success Feels Like: What I Learned from Applying for the NSF Postdoc Twice](#) by Kim Klinger-Logan*

[Pathways to a Career Outside of the Academic Silo](#) by Elizabeth Munch*

[Towards a Fully Inclusive Mathematics Profession—One Year Later](#) by Tasha Inniss, Jim Lewis, Irina Mitrea*, Kasso Okoudjou, Adriana Salerno*, Francis Su, and Dylan Thurston

[Report of the Executive Director:](#) Catherine Roberts*

[Department Chairs Discuss Challenges and Solutions at Annual Workshop](#) by Scott Hershberger. Dave Kung*, Emille Davie Lawrence*, and Luca Capogna* are mentioned in this article.

[The National Academy of Sciences \(NAS\) has elected 120 new members](#) and among them is Dr. Michael Harris*.

*Math Alliance Mentor

†Math Alliance Scholar

Items of Interest in the AMSTAT NEWS

July

[Recommendations from the Anti-Racism Task Force](#), co-chaired by Adrian Coles* and David Marker.

*Math Alliance Mentor

†Math Alliance Scholar

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.)

August 25-26, 2022- Connections Workshop: Analytic and Geometric Aspects of Gauge Theory

Organizers: Lara Anderson (Virginia Polytechnic Institute and State Univ.), LEAD Laura Schaposnik (Univ. of Illinois at Chicago)

August 29, 2022 – September 2, 2022-Introductory Workshop: Analytic and Geometric Aspects of Gauge Theory

Organizers: Aleksander Doan (Trinity College; Univ.College London), Laura Fredrickson (Univ.of Oregon), Michael Singer (Univ.College London)*

September 8-9, 2022- Connections Workshop: Floer Homotopy Theory

Organizers: Teena Gerhardt (Michigan State Univ.), Kristen Hendricks (Rutgers Univ.), Ailsa Keating (Univ. of Cambridge)*

September 12-16, 2022- Introductory Workshop: Floer Homotopy Theory

Organizers: Sheel Ganatra (University of Southern California), Tyler Lawson (University of Minnesota Twin Cities), Robert Lipshitz (University of Oregon), Nathalie Wahl (University of Copenhagen)*

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 Homotopy 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.

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.

Aspiring Faculty Workshop at Bucknell University

There will be an **Aspiring PUI Faculty Workshop at Bucknell University held October 25-28, 2022**. Bucknell University is becoming more intentional in its efforts to hire Postdocs, Visiting Assistant Professors, and Tenure Track Faculty from groups that have been traditionally underrepresented in their fields. We recognize that many graduate students and postdocs have had limited exposure to a primarily undergraduate institution (PUI) such as ours, and wish to offer an opportunity for them to learn more about such a potential career path and develop a professional network.

Bucknell University is a selective university that includes a College of Arts & Sciences, a College of Engineering, and the Freeman College of Management. Faculty conduct research in a wide variety of areas and are strongly committed to teaching; many faculty have received external funding for their research activities, and many have been recognized for their teaching excellence.

We are piloting the **Aspiring PUI Faculty Workshop** to offer a professional development and networking opportunity for late-stage Ph.D.s and early postdocs who would like to learn about building a career in a PUI environment like Bucknell. During a three-day campus visit, participants will observe a class, lead a class, give a research presentation, participate in research group meetings, meet with students, learn more about the job search process, participate in social activities, and learn more about on-campus support resources. The applicants should have research that naturally falls within one of the following departments or programs: Biology, Chemistry, Computer Science, Geology & Environmental Geosciences, Mathematics (including Statistics), and Physics & Astronomy. Travel and local costs for successful applicants will be covered by Bucknell.

Please encourage eligible graduate students and postdocs to apply [here](#) or at the link below:
<https://forms.gle/3JWtiXxqU4ainr439>

General information about this workshop at Bucknell can be found here: <https://bit.ly/bucknell-pui>

We will start reviewing applications on **September 1**, and plan to send out invitations in early September so that we can efficiently make travel arrangements. Questions about the program may be directed to Emily Dryden at emily.dryden@bucknell.edu .

2022 UConn Sports Analytics Symposium (UCSAS)

Saturday, October 8, 2022

<http://uconnsportsanalytics.org/>

Back in-person and supported by the NSF in 2022, the UCSAS focuses specifically on students (graduate, undergraduate, and pre-college) who are interested in sports analytics. Organized by the UConn Statistical Data Science Lab of the Department of Statistics, UCSAS aims to: 1) showcase sports analytics to students at an accessible level; 2) train students in data analytics with application to sports data; and 3) foster collaboration between academic programs and the sports industry.

Keynote Presentations

- Kathy Evans (Tentative), Vice President, Research and Information System, Monumental Basketball “A Review of Causal Inference in Sports”
- David Bergman, Associate Professor, University of Connecticut “Integration of Analytics Techniques for Algorithmic Sports Betting”

Panel Discussion: Sports Data Science Competitions

- Alison Lukan (moderator), Seattle Kraken Contributor and TV Analyst for Root Sports.
- Michael Lopez, Senior Director of Football Data and Analytics, National Football League.
- Brendan Kumagai, MS Student in Statistics, Simon Fraser University (2022 Big Data Bowl Winner).
- Megan Risdal, Product Manager, Kaggle.
- Asmae Toumi, Director of Analytics, PursueCare (2021 Big Data Bowl Winner).

SMT Data Challenge The newly added data challenge is sponsored by SportsMedia Technology (SMT), an industry leader in sports data collection and visualization. SMT has provided anonymized in-game player and ball location data for multiple minor league teams over multiple seasons. The goal of the data challenge is to analyze an aspect of player movement (e.g., baserunning, movement while fielding, backing up a play) within this spatiotemporal dataset. The submission deadline is Monday, August 1 at 11:59pm. Finalists selected by the data challenge judging committee will be invited to present their works in the poster session with travel support, and the winner will be announced at the closing ceremony.

Poster Session A virtual poster session is scheduled for 11:30–13:30. We invite submissions from all, especially students (pre-college, undergraduate, or graduate, with travel support), with interesting works on any topics of sports analytics. The submission deadline is 11:59 pm, Friday, September 30, 2022. A student poster award, decided by the Student Poster Award Committee, will be presented at the closing ceremony.

Training Workshops Six 50-minute workshops are offered in three concurrent tracks during 13:45–15:35. They provide trainings from jumpstart to advanced sports analytic skills.

	Introductory Track	Intermediate Track	Advanced Track
13:45–14:35	Introduction to R	Hockey Analytics	Web Scraping for Sports Data
14:45–15:35	Introduction to Python	Baseball Analytics	TensorFlow in Sports Analytics

Registration The symposium is open to anyone with an interest in sports analytics. The registration fee is minimal (\$5 for students and \$10 for non-students) to get an accurate count for planning and logistics.

Sponsorship Depending on the contribution level, sponsors will be recognized through customary channels, including names of sub-events. Please contact Dr. Jun Yan (jun.yan@uconn.edu) for details.



SMT DATA CHALLENGE

For this data challenge, your goal is to analyze an aspect of player movement (e.g. baserunning, movement while fielding, backing up a play) for minor league baseball players. SMT has provided in-game player and ball location data for multiple teams over multiple seasons. This spatiotemporal information can fuel a thoughtful analysis to answer questions that are difficult or impossible to answer with manually collected data or subjective observation. Since this challenge provides the opportunity to work with previously unavailable player tracking data, your analysis should involve player motion; this includes any topic that uses player location data over time. Below are a few example topics.

| BASERUNNING

- How could you evaluate a batter's chance to advance to second base on a ball in play? Or, for a runner on first base, the chance to advance from first-to-third on a single or first-to-home on a double?
- What circumstances are most likely to induce pickoff throws? Given a situation involving pickoff throws, what baserunner behavior is most likely to result in a stolen base? A successful pickoff?
- How would you evaluate a baserunner's ability to read a ball in play?

| FIELDING

- When a ball in play reaches the outfield, what aspects of fielding are most important in preventing a baserunner from advancing, or a batter from taking extra bases?
- How would you evaluate a player's fielding ability in the context of judgment and risk-taking? For example, how would you compare a player who attempts and fails to make a difficult play (possibly leading to an error) to a player that does not attempt to make a play?
- How would you evaluate a fielder's ability to read a ball in play?
- What attributes are most important to fielding and assisting on infield groundouts? Double plays?

| GENERAL

- How could you estimate expected runs throughout the course of a play based on player and ball locations and use that to evaluate player baserunning and fielding?
- Which baserunning and fielding abilities are most predictive or most consistent from season to the next?

We emphasize that this list is not exhaustive, and participants should feel free to study an aspect of player movement that interests them.

| REGISTRATION

Participants can register a team of up to four people at the [SMT Data Challenge Registration Page](#)

| SUBMISSION REQUIREMENTS

Please submit

- A short paper on your study in PDF format (max: 3000 words)
- A GitHub repo link containing code files and .csv files with results

Submissions are due by Monday August 1, 11:59pm Eastern Daylight Time.

| JUDGING CRITERIA

A panel of judges from across academia and the sports industry will judge your submissions based on the following:

- How original is the analysis?
- How applicable is the analysis?
- How appropriate were the methods used?
- How well did you communicate your findings? This includes both written text and visualizations. How did the use of facts, data-supported narratives, anecdotes, visual aids, etc. buttress storytelling?

We will notify winners in early September.

Virtual



STATFEST 2022

A Conference for Undergraduate Students

*Organized by the American Statistical Association's
Committee on Minorities in Statistics*

**Saturday
September 17, 12pm ET**

Join us!



StatFest encourages historically underrepresented undergraduate students to consider careers and graduate studies in the statistical sciences.

Enjoy one packed half day of discussion panels and talks from established professionals, academic leaders, and current graduate students.

Cost

FREE, registration required

Questions?

Contact co-chairs:

Dr. Therri Usher

therri.usher@fda.hhs.gov

Dr. Brittney Bailey

bebailey@amherst.edu

More

Information

<https://community.amstat.org/cmis/events/statfest/statfest-2022>



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

Math Assistance Center Supervisor Position Announced at Northern Illinois University



Northern Illinois University

Anticipated full-time (non-tenure track) position to begin July 2022 supervising the Mathematics Assistance Center (a mathematics tutoring center on campus). Duties include tutoring in undergraduate mathematics up through third semester calculus, establishing the staffing schedule on a per-semester basis, working with relevant course coordinators to maintain consistency in expectations of material mastery, coordinating office hours of relevant instructors and graduate teaching assistants, supervising undergraduate student tutors, monitoring usage and analyzing subsequent data to maintain and/or improve student outcomes. The Department will strongly consider applicants who have an interest in transforming undergraduate programs to better serve students of diverse backgrounds. Diversity is an institutional value of NIU, the 2021 winner of the Higher Education Excellence in Diversity (HEED) Award from INSIGHT Into Diversity magazine, the oldest and largest diversity-focused publication in higher education. We seek individuals who fully embrace NIU's mission of providing opportunity to a diverse student body by providing them with access to high quality education. Experience teaching and mentoring students of diverse backgrounds is highly preferred.

Required Qualifications:

M.S. or M.A. in mathematics or its equivalent required at the time of appointment. Experience teaching first and second year college mathematics with demonstrated excellence thereof required.

Preferred Qualifications:

Preference will be given to applicants who have experience supervising others, especially undergraduate and graduate student workers, and a record of supporting STEM and undergraduate education for a diverse student body.

University and Department Description:

Northern Illinois University (NIU) is a research-focused (R2 Carnegie ranking) regional university. We seek faculty who embrace NIU's mission of providing opportunity to a diverse student body by providing them with access to high quality education and hands-on involvement in research/artistry and community engagement.

Salary: \$58,000-\$68,000 commensurate with experience, education, and qualifications; includes a robust benefits package.

Application Procedures:

Application materials include a current curriculum vitae, M.A./M.S. transcripts, three letters of reference, a statement of teaching and tutoring philosophy, and a diversity statement.

For full consideration, applicants should submit application materials to <https://employment.niu.edu/postings/63579> by **June 30, 2022**. Applications received after June 30, 2022 are welcomed, but will be considered as needed. Pre-employment background check and verification of eligibility to work in the United States is required.

Equal Employment Opportunity Statement

Northern Illinois University (NIU) is committed to fostering a diverse and inclusive academic global community; as an AA/EEO employer, NIU considers qualified applicants for employment without regard to, and does not discriminate on the basis of, gender, race, color, national origin, sexual orientation, religion, protected veteran status, disability, or any other legally protected status



MATH ALLIANCE MEMBER INSTITUTION

Fixed Term Instructor in Mathematics Position at Michigan State University



The [Department of Mathematics](#) at [Michigan State University](#) invites applications for a fixed-term faculty position with an expected load of 6 courses per academic year split between teaching and coordinating. The department seeks candidates whose teaching or service has prepared them to contribute to our commitment to diversity and inclusion in higher education. The initial appointment, with an anticipated start date of August 16, 2022, will be for one academic year. Renewal for up to three years is anticipated based on available department funding and performance. In addition to teaching large lectures in gateway mathematics classes (ranging from quantitative literacy and college algebra through multivariable calculus), the successful candidate will also gain experience and training in coordinating instruction for large enrollment courses with multiple instructors of record. This will be done as part of a vibrant, diverse, and close-knit team of career instructional experts and mentors within the Department of Mathematics which serves over 10,000 students per year across various backgrounds and career interests.

The successful candidate must have a Master's or higher degree in mathematics, mathematics education or related field.

Applications should be submitted via [MathJobs.org](#); see listing #20143. <https://www.mathjobs.org/jobs/list/20143> for detailed application instructions.

A background check is required for employment.

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>

The evaluation process will begin on July 10, 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>.

Research Project Manager Position Announced at Fred Hutch Cancer Center

The Vaccine & Immunology Statistical Center (VISC) at the Fred Hutch Cancer Center is looking for two exceptional Project Managers preferably with laboratory experience. Situated within the Vaccine and Infectious Disease Division, VISC partners with world-class research programs and immunological laboratories to tackle global public health initiatives in infectious disease.

The VISC team of statisticians, computational biologists, and epidemiologists provide statistical and computational support to global partners to conduct clinical and preclinical research studies with an aim to accelerate discovery in the global health arena. Our primary area of focus is on the immunological evaluation of novel vaccines. In addition to providing statistical consultation and hands-on design and analysis work, our mission is to drive methods development for immunogenicity and immune correlates analysis. The team brings rigorous technical expertise in study design, data management, high-dimensional data analysis, and machine learning methodology to projects, along with decades of domain experience in immunology and vaccinology that cuts across disease foci including HIV, tuberculosis, COVID-19, malaria, and others. VISC operates within two global research networks: the Collaboration for AIDS Vaccine Discovery (CAVD) and the Global Health Discovery Collaboratory (GHDC), both of which are supported by the Bill and Melinda Gates Foundation.

At VISC, we thrive on a strong team culture and revel in each other's achievements. Our work is driven by our shared values for rigorous science, collaboration, diversity and inclusion, reproducible research, process improvement, and building on the successes of our team. VISC is seeking a Research Project Manager II-III – Job ID 22571 ('Project Manager') to provide operational support for our team.

For more information about Fred Hutch, please visit: [Fred Hutchinson Cancer Center](#).

[Apply for this position](#)