

THE MATH ALLIANCE



DR.
DAVID
GOLDBERG
Director

January's newsletter is always at an interesting juncture, coming at the end of the month. We've been through New Year's celebrations, the Joint Mathematics Meetings (JMM) and MLK Day, but are also looking forward to Black History Month about to start, and this all gives us a lot to talk about.

There was a lot of great activity at JMM. Our Math Alliance Special Session where Math Alliance Scholars presented their doctoral and postdoctoral research were, in my mind, the most successful to date, and were definitely the best attended sessions we have ever held at JMM. I am grateful to Theresa Martines, U. Texas Austin, our Associate Director for Regional Alliances for all the work she put into organizing this special session, as well as our panel on forming regional alliances. I was also proud to represent the Math Alliance for a panel sponsored by the AMS Committee on Equity, Diversity, and Inclusion on Successful Programs that Support Equity, Diversity and Inclusion. I was so impressed with the work of our peer organizations, Enhancing Diversity in Graduate Education (EDGE), Alliance of Indigenous Math Circles, (AIMC) and Graduate Research Opportunities for Women (GROW), and hope we can all find ways to collaborate to accelerate our impact. The NAM Banquet saw a great moment for our community with Math Alliance Scholar Ranthony Clark giving the Cox-Talbot address on Quantitative Justice: Intersections of Mathematics and Society. Finally, I stayed for Saturday's premiere of part one of [Journeys of Black Mathematicians](#), a new film from George Csicsery and Zala Films. It was great to hear the stories of so many people who have been influential for me in the work I do, and also hear from so many from our Math Alliance Community. I am looking forward to seeing part 2 at next year's JMM in Seattle, and encourage folks to check out the clips at the link above, and to think about arranging screenings of this film at your institutions.

As we look forward to Black History Month, I want to call your attention to the February issue of the AMS Notices, which has some great material for this year's BHM edition.

Asamoah Nkwanta, Morgan State University (and a Math Alliance Mentor) did a great job as editor, and there are several items of note, and many which feature members of the Math Alliance community. In fact, there are too many to mention here, so don't just take my word for it, check out the issue for yourself. The Early Career section has a reprinting of the chapter of Count Me In: Community and Belonging in Mathematics by Michael Young (Carnegie Mellon and a Math Alliance Mentor) on the Mathematicians of Color Alliance (MOCA). This describes the great work of Michael and MOCA while he was at Iowa State in creating a supportive community and environment for underrepresented minority students. Some of the students discussed there are Math Alliance Scholars. More importantly, this work was well known to many in the Math Alliance and has served as a model for improving climates at many graduate programs, so we owe a lot to Michael.

Early Career also has a very insightful and moving piece by Marissa Kawehi Loving (University of Wisconsin, and both a Math Alliance Scholar and Mentor) on challenging norms that exist in graduate programs which foster toxic environments for all students, but which are most harmful to marginalized communities. She describes "toxic norms" which hurt everyone, and "pseudo norms", which are not evenly applied, and disparately affect students from underrepresented populations. It brought to mind an interesting conversation I had a while ago with a colleague (and a Math Alliance Mentor) about the difference between those of us who have an internalized version of imposter syndrome (i.e., our fear of being shown to be a fraud comes from within), and those whose backgrounds people take as a license to impose this idea on them. Apparently, this is described in some circles as the difference between having imposter syndrome and "being imposterized". It is still the case that many view the success of those they view as "others" not as an outcome of those individuals' hard work and dedication, but as due to some type of circumvention of standards.

In the Book Review Section there is a wonderful review by Deanna Haunsperger (Math Alliance Mentor) of *Aspiring and Inspiring: Tenure and Leadership in Academic Mathematics*, a recent collection edited by Rebecca Garcia (Math Alliance Mentor) Pamela E. Harris (Math Alliance Mentor and Executive Council Member), Dandrielle Lewis, and Shanise Walker (Math Alliance Scholar and Mentor). This is a great contribution to the literature on creating a more inclusive profession which aligns so well with our goals. Finally, there is a piece in the Communication section by George Csicsery about the making of [Journeys of Black Mathematicians](#), and it gives great insight into this new and important film. Again, I encourage people to check it out.

What's Happening Next?

- **MAA MathFest 2023** Indianapolis, IN Aug. 7-10 2024
- **2024 Joint Statistical Meetings (JSM 2024)** Portland, OR
Aug. 3-8, 2024
- **2024 Field of Dreams Conference (FOD 2024)** Atlanta, GA
November- exact date TBD

PCMI 2024

Consider applying to PCMI 2024 <https://www.ias.edu/pcmi>, a three-week summer program for undergraduate students, graduate students, undergraduate faculty, researchers, that has been in operation for over 30 years as an extension of Princeton's Institute for Advanced Study. Director is Rafe Mazzeo from Stanford University. There are typically about 300 participants and always a lot of interaction between the various groups. Talks are spread out through the day to enable members of each subprogram to attend at least some of the talks of interest to them in other subprograms. There are also daily cross-program activities that bring many groups together. Much mathematics is communicated at many levels. Weekends and Wednesday afternoons are free, possibly for exploring the beautiful surroundings. Next year's theme is Motivic Homotopy, and the organizers are Benjamin Antieau (Northwestern University), Marc evine (University of Duisburg-Essen), Oliver Röndigs (University of Osnabrück), Alexander Vishik (Nottingham University), and Kirsten Wickelgren (Duke University).

In addition to the Research Program, I would like to draw your attention to the [Undergraduate Summer School](#) (just-graduated undergraduates are eligible), [Graduate Summer School](#), the [Undergraduate Faculty Program](#) (for faculty not necessarily working in the specialty), and a two-week [Workshop on Rehumanizing Mathematics](#).
Check out these programs and apply!

Applied and Computational Mathematics REU at University of Central Florida

The Mathematics Department at University of Central Florida is hosting an NSF Research Experiences for Undergraduates (REU) on "Applied and Computational Mathematics" in Summer 2024.

This is a 10-week intensive program that actively engages undergraduate students in research-based theory and applications of mathematical technologies supporting new solutions to interdisciplinary problems.

The program will be held in-person from May 20 through July 26, 2024. The application deadline is **February 9, 2024**. Applications from underrepresented minority students are strongly encouraged.

For more information about the REU-ACM and the application process, please visit our website <https://sciences.ucf.edu/math/reu-in-applied-computational-mathematics/>

Lathisms Scholarships

Information for Applicants

Students: Looking for financial support towards your career in mathematics? The Lathisms scholarship supports Hispanic/Latinx students interested in pursuing a career focused in the mathematical sciences; such career paths include, but are not limited to, scientific research, mathematics education, engineering, and finance. We will be awarding scholarships of \$500 (each) aimed at prospective and current undergraduate/graduate students.

Full scholarship details along with the application can be found at <https://www.lathisms.org/scholarships>.

The application opened January 1, 2024, and the application deadline is **February 29, 2024**.

We also encourage you to share the scholarship information with others!

We will hold an online Q&A session early in 2024, ahead of the application deadline.

[Sign up here](#) to get information about the date, time, and meeting link.

Information for Reviewers

We are looking for volunteers to serve on the Lathisms Scholarship selection committee.

[Lathisms](#) is an organization that supports and brings visibility to Latinx and Hispanic mathematicians. As part of this, Lathisms offers scholarships to mathematics students, meant to help with costs that pose a barrier to the success and advancement of the awardee in their pursuit of a career in the mathematical sciences. More info about the scholarship is [here](#).

If you are interested in volunteering as reviewer, please fill out [this form](#).

We also appreciate if you can share with your colleagues!

Application review would entail reading and scoring applications using a rubric around March-April of this year. No prior experience serving on such a committee is required.

In particular, we encourage the following individuals to volunteer: graduate students, postdoctoral scholars, research scientists, industry & academic professionals, and faculty from Hispanic-Serving Institutions (HSIs), 4-year colleges/universities, and/or liberal arts colleges.



UPR Mayagüez

Graduate Programs in Mathematical Sciences

Masters (M.S.)

- Pure Math
- Applied Math
- Statistics
- Scientific Computing
- Teaching Mathematics

Doctorate (Ph.D.)

Computer and Information Science and Engineering (CISE)

Financial Assistance

- Stipend for costs
- Tuition exemption

Deadlines:

(to start in August 2024)

February 15, 2024

March 15, 2024 (late)

Information: <https://math.uprm.edu/>

Application: <https://www.uprm.edu/oeg/>

Questions: luis.caceres1@upr.edu



Universidad
de Puerto Rico

NATIONAL DATA MINE NETWORK

The American Statistical Association (ASA) has secured a three-year grant from the National Science Foundation to establish the National Data Mine Network.



100

STUDENTS PER YEAR AT MINORITY SERVING INSTITUTIONS

\$5K

IN TOTAL RESEARCH STIPENDS FOR 9-MONTHS OF PARTICIPATION

70+

CORPORATE PARTNERS WITH DATA DRIVEN PROJECTS

100%

VIRTUAL TEAMS THAT COLLABORATE WEEKLY WITH INDUSTRY MENTORS



THE DATA MINE AT A GLANCE

A VISION

The first data-intensive experience embedded in a large-scale living-learning community for students from all majors.

A DEPTH OF KNOWLEDGE

Students apply knowledge of tools, including R, SQL, Python and Linux clusters, and (in some cases) advanced tools for projects requiring AI and machine learning.

AN INNOVATION ENGINE

Interdisciplinary teams bring new perspectives to tough problems, where data science is a key part of the solution.

LEARNING OUTCOMES FOR STUDENTS

- DISCOVER & APPLY DATA SCIENCE TOOLS
- CROSS FUNCTIONAL COLLABORATION
- AGILE PROJECT MANAGEMENT METHODOLOGY
- PROFESSIONAL DEVELOPMENT

Applications for 2024-2025 are open



Postbaccalaureate Certificate in Mathematics

The pathway to graduate school!

JOIN OUR POSTBAC!

- No application fee required.
- 1 year program preparing students for PhD programs in pure and applied mathematics.
- Teaching assistantship covering at least 1/2 tuition (*in-state*) and approximately \$21,000 stipend.
- Take graduate courses.
- Be a teaching assistant.
- Get help with PhD applications.

APPLY TODAY



CONTACT US



Bernard Lidický

*Professor and
Associate Chair*

lidicky@iastate.edu

(515) 294-8136

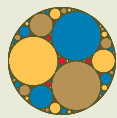


Jason McCullough

Associate Professor

jmccullo@iastate.edu

(515) 294-8150



WHAT DO I NEED TO APPLY?

- Bachelor degree from an accredited university (*mathematics bachelor's degree is not required*).
- Proof-based math classes.

What are the learning outcomes of this program?

- Read and write mathematical proofs, producing arguments that are logically and syntactically correct.
- Develop the ability to teach mathematics by leading recitation sections.
- Solidify core knowledge in analysis and algebra.
- Identify preferred areas of specialization in mathematics.

IOWA STATE UNIVERSITY

Department of Mathematics

396 Carver Hall
Ames, Iowa 5011
math.iastate.edu

mathpostbac.org

Application Deadline: March 1, 2024

Priority Deadline: February 15, 2024

PROGRAM DATES

May 28, 2024 - Aug. 2, 2024
Rice University, Houston, TX

PROJECT AREAS

Research areas include:

- Bayesian Statistics
- Biosciences, Statistical Genetics, & Bioinformatics
- Computational Finance
- Data Science & Visualization
- General Statistics
- Machine Learning
- Probability / Applied Probability
- Stochastic Processes

STIPEND & BENEFITS

Participants will receive:

- A \$7,000 stipend
- On-campus housing accommodations
- Rice gym membership
- Up to \$1,000 moving/travel expenses to/from Houston

HOW TO APPLY



Application Link:
reuapply.rice.edu

To learn more please visit:

<https://statistics.rice.edu/academics/undergraduate/research-experiences-undergraduates>.

Research projects in the Solving Complex Problems using Statistics & Data Science (STAT-DATASCI) REU are designed to involve students in meaningful ways in ongoing research programs.

Our goal is that students participating in the REU program will make significant contributions to ongoing faculty research, as well as gain an appreciation for and an interest in graduate school and a future career in data science or statistics. **The 2024 program will run based on available funding.**

Program components include:

- Full-time research under the guidance of a faculty mentor
- Professional development seminars and technical workshops
- Weekly peer meetings
- Community-building events
- A written report and formal presentation

ELIGIBILITY

Rice is committed to recruiting, supporting, and engaging a diverse group of undergraduate students from across the nation.

To participate in the program, students should:

- Be a US citizen, US national, or US permanent resident
- Have completed at least their first year of college by the time the REU starts
- Plan to graduate no earlier than December 2024
- Be 18 years of age or older
- Have completed at least one course in statistics
- Have a background in differential and integral calculus
- Ideally, have a background in computer programming (e.g., experience with R, Python, or Matlab)
- Be prepared to participate in person fully for the complete duration of the program period

Questions?

Contact Dr. Elizabeth McGuffey, Statistics REU Director
Email: elizabeth.mcguffey@rice.edu



RICE

Future Faculty Career Exploration Program

September 25 – 28, 2024



A rigorous four-day program designed for individuals to experience a “behind the scenes” glimpse into life as a faculty member at the Rochester Institute of Technology. You’ll spend time learning from and networking with RIT administration, faculty and students, practicing your interview skills and job-talk presentation—while exploring the research, teaching and service expectations of RIT faculty.

This competitive, nationwide search welcomes scholars who are able to contribute in meaningful ways to RIT’s commitment to cultural diversity, pluralism, and individual differences. While we are primarily interested in applicants of African American, Latin American, American Indian or Alaskan Native descent, and others who are underrepresented and underserved in teaching professions at RIT, the Program is open to all eligible participants regardless of race, religion, age, gender, or other protected federal or state categories. If chosen to participate, RIT will cover your transportation, lodging, and meals for the duration of the program.

2003
Year the program
launched

ALUMNI
Currently serving as Associate
Dean, Department Chair,
Tenured Faculty,
Senior Researcher

413
Number of
participants
to date

Key Highlights:

- Attend networking receptions with RIT’s President, Provost, Deans, faculty, staff and students
- Present your research or art to faculty, department chairs and Deans
- Tour campus and the greater Rochester community
- Gain career development insight and advice from RIT faculty
- Learn about current and upcoming faculty positions
- Engage in one-on-one, panel and roundtable discussions about life in academia
- Receive feedback on your research or art, and job talk to improve your candidacy

Apply Today!

Application deadline February 23

For more information visit:

rit.edu/diversity/ffcep



Areas of Study

Art, Design, and Architecture
 Business, Management, and Leadership
 Communications and Digital Media
 Computing and Information Sciences
 Engineering and Engineering Technology
 Environmental Studies and Sustainability

Game Design, Development, and Arts
 Health Professions and Medical Sciences
 Humanities, Social Sciences, and Education
 Photography, Film, and Animation
 Science and Math
 Undeclared and Individualized Study

Stay connected with us to learn more!

RIT.OFDR

@FacultyRecruit

@rit_faculty_diversity

rit.edu/diversity/ofdr

Questions?

facultyr@rit.edu

RIT

Division of Diversity and Inclusion
**Office of Faculty
Diversity and Recruitment**

Data Science Professional Resource Group
Diversity and Outreach
Mentorship Program

APPLY HERE



Purpose



Racial bias is a known phenomenon in the Data Science industry, due to unconscious bias, lack of awareness and educational under-representation. This program was created to combat this bias within the industry.

Goal



Provide opportunities to under-served individuals to pursue a career in Data Science and diversify Liberty's Data Science community.

Duration



The program will be 6 months long and mentees and mentors should have a commitment to meet at least once a month.

Structure



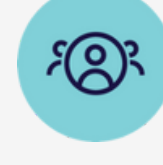
DSPRG hosts bimonthly group mentee sessions that may serve as a check in. Mentors and mentees can decide on other meetings depending on the mentee's goals.

What To Expect



Potential topics that mentors and mentees may cover include interview skills, job shadow opportunities, and goal setting to prepare for full-time and internship opportunities.

Added Value



Attracting unique talent, diversifying DSPRG, avoiding bias, retaining talent, providing opportunities for development, and building partnerships.

Please reach out to DSPRG_Diversity@libertymutual.com for any questions or concerns.

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

Spring 2024 Scientific Workshops at SLMath

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

* denotes lead organizer(s).

Commutative Algebra)

[Recent Developments in Commutative Algebra](#): April 15-19, 2024

Organizers: Daniel Erman (University of Wisconsin-Madison), Linquan Ma (Purdue University), Karl Schwede* (University of Utah), Karen Smith (University), Andrew Snowden (University), Irena Swanson (Purdue University)

Noncommutative Algebraic Geometry

[Connections Workshop](#): February 1-2, 2024

Organizers: Rina Anno (Kansas State University), Elizabeth Gasparim (Universidad Católica del Norte), Alice Rizzardo* (University of Liverpool)

[Introductory Workshop](#): February 5-9, 2024

Organizers: Nicolas Addington* (University of Oregon), David Favero, Wendy Lowen (Universiteit Antwerp), Alice Rizzardo (University of Liverpool)

[Recent Developments in Noncommutative Algebraic Geometry](#): April 8-12, 2024

Organizers: Arend Bayer (University of Edinburgh), Graham Leuschke (Syracuse University), Alexander Polishchuk (University of Oregon), Susan Sierra (University of Edinburgh), Spela Spenko (Université Libre de Bruxelles), Gregory Stevenson (Aarhus University)

Other Workshops

[Hot Topics: Artin Groups and Arrangements - Topology, Geometry, and Combinatorics](#): March 11-15, 2024

Organizers: Christin Bibby (Louisiana State University), Ruth Charney (Brandeis University), Giovanni Paolini (California Institute of Technology), Mario Salvetti (Università di Pisa)

[Advances in Lie Theory, Representation Theory and Combinatorics: Inspired by the work of Georgia M. Benkart](#): May 1-3, 2024

Organizers: Hélène Barcelo (MSRI / SLMath), Ellen Kirkman (Wake Forest University), Gail Letzter, Daniel Nakano (University of Georgia), Arun Ram (University of Melbourne)

Register Online: msri.org/workshops

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

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

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



Applications Open for
**AMS CONGRESSIONAL
FELLOWSHIP 2024–
2025**

Apply your mathematics knowledge toward solutions to societal problems.

The American Mathematical Society will sponsor a Congressional Fellow from September 2024 through August 2025.

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

The Fellow brings his/her/their technical background and external perspective to the decision-making process in Congress. Prospective Fellows must be cognizant of and demonstrate sensitivity toward political and social issues and have a strong interest in applying personal knowledge toward solutions to societal problems. Fellow 2022–2023

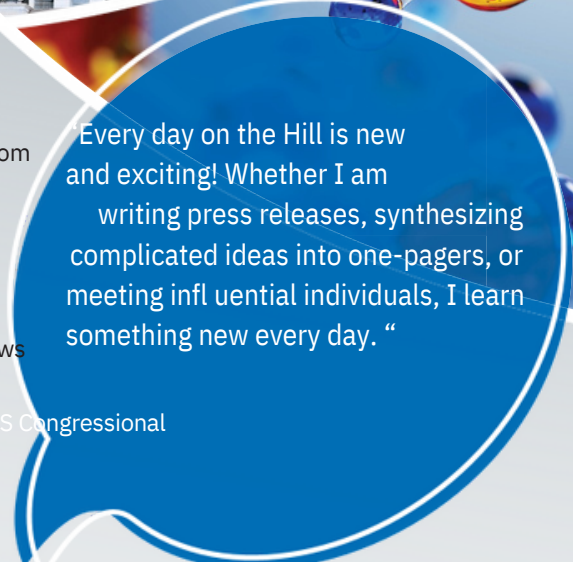
Now in its 19th year, the AMS Congressional Fellowship provides a unique public policy learning experience, and demonstrates the value of science–government interaction. The program includes an orientation on congressional and executive branch operations, and a year-long seminar series on issues involving science, technology, and public policy.

Applicants must have a PhD or an equivalent doctoral-level degree in the mathematical sciences by the application deadline (February 1, 2024). Applicants must be US citizens. Federal employees are not eligible.

The Fellowship stipend is US\$100,479 for the Fellowship period, with additional allowances for relocation and professional travel, as well as a contribution toward health insurance.

Applicants must submit a statement expressing interest and qualifications for the AMS Congressional Fellowship as well as a current curriculum vitae. Candidates should have three letters of recommendation sent to the AMS by the February 1, 2024 deadline. For more information and to apply, please go to www.ams.org/ams-congressional-fellowship.

Deadline for receipt of applications: **February 1, 2024**



Every day on the Hill is new and exciting! Whether I am writing press releases, synthesizing complicated ideas into one-pagers, or meeting influential individuals, I learn something new every day. “



Partner
Institution

POSITION AT ARIZONA STATE UNIVERSITY

The School of Mathematical and Statistical Sciences at Arizona State University invites applications for several full-time, benefits-eligible Assistant Teaching Professor positions in mathematics, statistics, and/or data science. The anticipated start date is August 16, 2024. Subsequent academic year renewals (Aug. 16 – May 15) are contingent upon performance, availability of resources, and the needs of the unit.

The essential duties will be to teach eight sections of lower-division service-level mathematics and/or statistics classes per academic year, either in-person, online, or both. In addition to instruction, the successful candidates will be expected to participate in appropriate professional service, which may include course coordination in multi-section classes and curriculum development.

Minimum Qualifications:

- A Ph.D. degree in mathematics, statistics, mathematics education, or a closely related field by the time of appointment.
- Demonstrated potential for excellence in in-person and/or online instruction.
- Demonstrated commitment to working with faculty, staff, students and communities to advance the principles of the ASU Charter.

Desired Qualifications:

- A documented record of excellence in classroom and/or online instruction.
- Experience in teaching and curriculum development in beginning courses in college algebra, business mathematics, engineering mathematics, and statistics, both in-person and online formats.
- Demonstrated success working with diverse student and/or faculty populations.

Women and members of other underrepresented groups are encouraged to apply. ASU provides eligible employees with parental and family leave and resources for working parents (<https://math.asu.edu/family-resources>).

To apply, please submit the following through Interfolio, <http://apply.interfolio.com/137379>:

1. A cover letter that briefly explains the candidate's interest in the position and addresses the candidate's commitment to the ASU Charter
2. A curriculum vitae that includes a list of the courses the candidate has taught, when those courses were taught, and what the candidate's role/responsibility was (e.g. instructor of record, lead recitations, online assistant, tutor, etc.).
3. A personal statement addressing the candidate's teaching experience and philosophy.
4. Three (3) confidential letters of recommendation that address the teaching and academic credentials.

The application deadline is **January 22, 2024**, applications received before or on the deadline will be given full consideration. Applications will continue to be accepted on a rolling basis for a reserve pool after the deadline. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is closed. A background check is required for employment.

A background check is required for employment. Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, sexual orientation, gender identity, religion, national origin, disability, protected veteran status, or any other basis protected by law. ASU's full nondiscrimination statement (ACD 401) is located on the ASU website at <https://www.asu.edu/aad/manuals/acd/acd401.html> and <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

Member
Institution

POSITION AT CASE WESTERN RESERVE UNIVERSITY

Case Western Reserve University Department of Mathematics, Applied Mathematics, and Statistics is seeking qualified candidates to fill two faculty positions at the rank of Instructor to begin in Fall 2024. This is a non-tenure track position, and most of the time will be spent on teaching and service.

Responsibilities and Duties

Teach two (2) large lecture courses/sections per semester in the Mathematics, Applied Mathematics, and Statistics Department at the 100- or 200-level. Work with other instructors to coordinate courses at the 100- or 200-level. Mentor and oversee lecturers, post-docs, and graduate students who are assigned to teach 100- and 200-level classes. Work with the departments serviced by these classes to ensure the topics covered are appropriate. Advise undergraduates as needed with their program of study. Serve on some of the committees in the department.

Minimum Qualifications

All candidates should hold a Ph.D. in Mathematics or a related field by the time of the appointment. Candidates should have several years' experience teaching 100- and 200-level math undergraduate courses at the university level. Candidates should be committed to working with a diverse population of faculty, staff, and students. Excellent communication and organizational skills are necessary. Must be eligible to work in the United States.

How to Apply

Candidates should submit a letter of application, curriculum vitae, a statement of teaching philosophy and experience. The candidate should arrange for three current letters of reference. Moreover, candidates are asked to submit a statement (1 page) explaining how their research, teaching, and/or service have contributed to diversity, equity, and inclusion within their scholarly field(s) and/or how their individual and/or collaborative efforts have promoted structural justice inside and outside institutions of higher learning. This statement should also reflect on the ways in which the candidate's continued efforts will foster a culture of diversity, pluralism, and individual difference at Case Western Reserve University into the future. All application materials should be submitted electronically through Interfolio.

<http://apply.interfolio.com/139033>

Applications will be reviewed upon arrival. All applications received prior to **March 7, 2024**, will be given full consideration.

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

In employment, as in education, Case Western Reserve University strives to maintain a diverse and inclusive work environment. All applicants are protected under Federal law from discrimination based on race, color, religion, sex, national origin, disability, age and genetics. As a recipient of the national Higher Education Excellence in Diversity (HEED) award for the past ten years, CWRU has been recognized nationally as a leader in advancing equity and inclusivity. The university and the College of Arts & Sciences at CWRU are committed to creating an inclusive community where all are welcome, valued, and heard.

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

General correspondence about this position should be sent to Liz Sell, Search Committee Chair, at exs400@case.edu.

mathalliance@purdue.edu | www.mathalliance.org

Member
Institution

POSITION AT WASHINGTON STATE UNIVERSITY

The Program in Data Analytics and the Department of Mathematics and Statistics at Washington State University invite applications for an Assistant Professor (Scholarly), Career track faculty position in Pullman, WA, with a specialty in Data Analytics. This position is a fixed-term, nine-month, three-year appointment with possibility of renewal. We seek applicants who have expertise in Data Science and Analytics with focus in fields related to data such as: corporate analytics, database, data structures, machine learning or data mining. The successful candidate will be expected to teach undergraduate and graduate courses (as they are developed) for the Data Analytics program, develop curriculum and work with us to continue to develop and expand the Data Analytics program at WSU. Expected start date of employment is August 16, 2024.

Required Qualifications: A completed doctoral degree in Data Science, Data Analytics, Statistics, Computational Mathematics, Computer Science or related fields grounded in Data Science or MS in one of the above fields, with industry experience in data science/analytics or teaching experience in one of the fields (mentioned above) of at least 3 years by appointment date. Candidate must have demonstrated record of or potential for program development. Candidates should have proven or potential for successful teaching and instruction. The candidate must have demonstrated record of or potential for commitment to inclusion, diversity, equity, and access efforts.

To Apply: Visit wsu.edu/jobs, select your appropriate employment status, and search for R-10488. Applicants must upload the following required documents to their online application. External candidates, please upload all documents in the "Resume/CV" section of your application. Internal candidates, please upload all documents in the "Resume/Cover Letter" section of your application.

Applications should include a cover letter addressing qualifications for this position, a curriculum vitae, teaching statement that describes your teaching experience and philosophy, which may incorporate experience from formal or informal teaching and mentoring opportunities, a statement about curriculum development and outreach describing your philosophy about how classes in this new transdisciplinary field could/should be developed and/or how outreach could be used in data analytics education. Application should also include contributions to Diversity, Equity, and Inclusion statement that includes your demonstrated and or potential for contributions to diversity, equity, and inclusion efforts through scholarship/research, and/or teaching/mentoring, and/or service/engagement. Lastly, please include the names, addresses, and contact information of at least three references who can address your history of and potential for excellence in teaching, and service.

Posting Close Date: Applicants must submit their completed application by **February 29th, 2024, at 11:59 p.m. Pacific Time.**

Inquiries should be directed to Nairanjana Dasgupta dasgupta@wsu.edu or Sergey Lapin (slapin@wsu.edu).

Washington State University is an Equal Opportunity/Affirmative Action Educator and Employer. Members of ethnic minorities, women, special disabled veterans, veterans of the Vietnam-era, recently separated veterans, and other protected veteran, persons of disability and/or persons age 40 and over are encouraged to apply.

For more information, please visit the programs' website [Program in Data Analytics | Washington State University \(wsu.edu\)](https://www.math.wsu.edu/) and the department's website at <https://www.math.wsu.edu/>.

Member
Institution

**POSITION AT
VIRGINIA TECH**

The Department of Mathematics at Virginia Tech invites applications for several Postdoctoral Associate positions. These are two-year appointments to begin August 10, 2024. An online application is required.

To apply, please visit www.jobs.vt.edu, select "Apply Now" and search by posting number **527127**.

For full consideration submit a cover letter, a CV, a research statement, and a teaching statement as part of the online application no later than **January 26, 2024**.

Member
Institution

**POSITION AT UNIVERSITY OF
PUERTO RICO, MAYAGÜEZ**

JOB ANNOUNCEMENT

Announcement Number : 23-42

Position Title : Assistant Professor

Annual Salary : \$62,256.00

Location of Position : University of Puerto Rico, Mayagüez Campus

Department of Mathematical Sciences

Opening date: December 18,2023

Closing Date : March 15, 2024

Starting date of position : July 1, 2024

INTRODUCTION

The University of Puerto Rico in Mayagüez is currently looking for candidates to teach Mathematics, with knowledge in Topology or Complex Analysis.

MINIMUM REQUIREMENTS

Possess a doctoral degree in Mathematics, or the expectation of its completion before the start of the appointment. Special consideration will be given to candidates with knowledge in Topology or Complex Analysis.

JOB DESCRIPTION

Applicants should have a strong commitment to teaching and research potential; and should demonstrate a good publication record in quality journals. Duties include undergraduate and graduate teaching and research. Initiative and leadership skills are expected. Applicants must provide a record of scientific research publications which indicates the candidate's potential to establish and maintain a productive research program. Interest in interacting with faculty in other research areas in the department and/or university would be desirable. Classes at the University are taught in Spanish or English.

HOW TO APPLY

Applicants should submit: an application letter, AMS cover sheet, current curriculum vitae, teaching and research philosophy, official Graduate School transcripts, a plan which outlines their short and long term teaching and research goals, a research proposal on how to bring in external funding for teaching and/or research. The documents must be sent on or before **March 15, 2024** to:

Dr. Omar Colón Reyes, Director
Department of Mathematical Sciences
University of Puerto Rico, Mayagüez Campus
Call Box 9000, Mayagüez, Puerto Rico 00681-9000
Tel. (787) 265-3848, Fax (787) 265-5454
omar.colon4@upr.edu

SUBMITTED: Mr. Jesús Manuel Acevedo Rivera, MBA - Director Date: 18 de diciembre de 2023

Some of the benefits offered by the University of Puerto Rico are: medical plan, retirement, medical leave of absence, and maternity and paternity leave.

WE ARE AN EQUAL OPPORTUNITY EMPLOYER M/F/V/I

Member
Institution

POSITION AT UNIVERSITY OF VIRGINIA

The Department of Mathematics at the University of Virginia, Charlottesville, VA, invites applications for various positions. For further specifics, including instructions for applying, please see the advertisement on Mathjobs.org: <https://www.mathjobs.org/jobs/UVa>

Assistant Professor, General Faculty (2 positions)

The Department of Mathematics at the University of Virginia, Charlottesville, VA, invites applications for two positions of Assistant Professor, General Faculty. This teaching, non-tenure track position has three-year renewable contracts with successful reviews based primarily on teaching and service. There is also an opportunity for promotion to Associate and Full Professor. We seek candidates dedicated to the department's mission of providing UVa students with high-quality education in mathematics. The appointment begins with the fall term of 2024, with an anticipated start date of August 25, 2024.

We actively encourage applications of racial and ethnic minorities, women, individuals with disabilities, individuals who identify with LGBTQ communities, individuals from lower-income backgrounds, and/or first-generation college graduates.

For further specifics, including instructions for applying, please see the advertisement on Mathjobs.org: <https://www.mathjobs.org/jobs/list/23265>

Assistant Professor of Mathematics

The Department of Mathematics at the University of Virginia, Charlottesville, VA, invites applications for a tenure-track full-time position, with a focus on the areas of Analysis and Probability. Applicants must present evidence of outstanding promise in both research and teaching. We seek candidates dedicated to the department's mission of providing UVa students with a high-quality education in mathematics, and to engaging in widely recognized research in the mathematical sciences. The appointment begins with the fall term of 2024, with an anticipated start date of August 25, 2024.

For further specifics, including instructions for applying, please see the advertisement on Mathjobs.org: <https://www.mathjobs.org/jobs/list/23155>

RTG Postdoctoral Research Associate and Lecturer

The Department of Mathematics at the University of Virginia, Charlottesville, VA, invites applications for one RTG (Research Training Group) postdoctoral Research Associate and Lecturer position, in the fields of geometry and topology. The successful candidate will be expected to conduct their own research, under supervision of a faculty mentor, and teach two courses per year. The appointment begins with the fall term of 2024, with an anticipated start date of August 25, 2024.

For further specifics, including instructions for applying, please see the advertisement on Mathjobs.org: <https://www.mathjobs.org/jobs/list/23502>

Member
Institution

POSITION AT UNIVERSITY OF ROCHESTER

Applications are invited for a postdoctoral fellowship in Environmental Health (EH) Biostatistics in the Department of Biostatistics and Computational Biology at the University of Rochester (UR), funded by an NIEHS T32 training grant. The appointee will develop novel statistical methodology for projects related to EH, and/or be involved in statistical analyses for collaborative work with EH investigators, under co-mentorship of Biostatistics and EH faculty trainers. Methodological expertise among Biostatistics faculty trainers includes Bayesian MCMC methods, models for multiple outcomes, latent variable models, measurement error, missing data, causal inference, survival analysis, clustering, statistical genomics, molecular systems biology, and bioinformatics.

The specific area of the appointee's methodology development or analysis may be based on the trainee's interests and may be motivated by ongoing EH research at UR, such as studies of the effects of exposure to air pollution, metals, endocrine disruptors, pesticides, shale gas (fracking) or stress on pregnancy outcomes, reproduction, immune function, neurodevelopmental disorders, cognitive outcomes, or on gene expression pathways. The appointee will also receive further training in biostatistics and toxicology. Interested trainees will have the opportunity to gain experience in community engaged research related to understanding and addressing environmental health problems.

Position qualifications and start date: Candidates should have a doctoral degree in (bio)statistics, epidemiology, computational biology, data science, environmental health or a related field, with training in statistics and programming, and excellent communication skills. In accordance with NIEHS regulations, trainees must be US citizens or non-citizen nationals of the US who have been lawfully admitted for permanent residency and must have a doctoral degree by the start date. The initial appointment is for one year with the possibility of renewal for a second year. The candidate should plan to start July 1, 2024, but a later start date will also be considered.

Application instructions: A cover letter describing research experience, a current CV, graduate transcript (can be unofficial) and contact information for three references should be sent to Sally_Thurston@urmc.rochester.edu (please reference "NIEHS postdoctoral position" in the subject). For more information see <https://www.urmc.rochester.edu/biostat/training-grant.aspx>.

About us: The University of Rochester is one of the world's leading private research universities. We are a community in which all who work, teach, create, and provide care are welcome and respected, and where all can pursue and achieve their highest objectives for themselves, their community, and the world.

The Department of Biostatistics and Computational Biology currently includes 16 tenure-track and 5 research-track faculty and approximately 35 graduate students. Our goal is to prepare qualified predoctoral and postdoctoral trainees for careers that have a significant impact on the health-related research needs of the country within a diverse and inclusive environment.

Rochester is in the Finger Lakes region of western New York State, where the cost of living is reasonable and housing is affordable. The University has an active postdoctoral association that offers career development and networking opportunities, see <https://www.urmc.rochester.edu/education/post-doctoral.aspx>.

Member
Institution

POSITION AT FLORIDA ATLANTIC UNIVERSITY

The Department of Mathematical Sciences within the Charles E. Schmidt College of Science (COS) at Florida Atlantic University in Boca Raton, Florida, invites applications for a tenure-track Assistant Professor with expertise in Cryptology.

Research/Scholarship Responsibilities – The candidate will conduct research in cryptography/cryptanalysis. Strong candidates from all areas of cryptology are encouraged to apply. Preference will be given to candidates with several broad areas of interest including, but not limited to, symmetric and public-key cryptography, post-quantum cryptography, quantum algorithms in cryptography, mathematical cryptography, or a closely related area. The candidate should have a strong record of research accomplishments, demonstrated potential for extramural funding, and a commitment to excellence in education. FAU possesses a culture that fosters internal collaboration and innovation as well as partnerships with local, national, and international agencies, and thus candidates must display strong collaborative potential and the ability to conduct transformative externally funded research within their area of specialization.

Teaching Responsibilities – Candidates will be expected to teach courses in mathematics, as well as upper-level undergraduate and graduate courses within the applicant's area of expertise. Supervision of undergraduate, M.S., and Ph.D. students is also expected. The candidate should show clear promise of excellent instructional capacity. They should be able to demonstrate their ability to understand cultural and learning differences among students and be able to foster and create educational opportunities where all students can thrive.

Service Responsibilities – Candidates are expected to serve on Departmental, College and University committees, and provide professional service to external entities related to their field of expertise.

Informal inquiries can be addressed to: Shi Bai, Chair of the Search Committee, (Email: sbai@fau.edu). Review of applications will begin January 2, 2024 and will continue until the position is filled.

Minimum Qualifications: A Ph.D. in Mathematics or closely related field at the time of hire is required.

Application Deadline: 2024/01/03

Special Instructions to Applicant:

This position is open until filled and may close without prior notice. This position is subject to funding. All applicants must apply electronically to the currently posted position on the Office of Human Resources' [job website](#) by completing the required employment application for this recruitment and submitting the related documents. Required Documents: FAU's Career Page permits the attachment of required/requested documentation. PLEASE NOTE: A maximum of five (5) documents may be attached to your application. If more than five (5) documents are required for submission, please combine additional documents into a single attachment to not exceed the maximum permitted. The site permits the attachment of required/requested documentation. When completing the online application, please upload the following: (1) a cover letter, (2) curriculum vitae, (3) a statement of teaching philosophy and summary of planned research, and (4) contact information for three references including email addresses and phone numbers.

Transcripts: The selected candidate for this position is required to submit an official transcript sent directly from the institution for the Provost's credential file prior to the first day of employment. Similarly, for degrees from outside the United States, the evaluation by an organization belonging to the National Association of Credential Evaluation (NACES), with an indication of the documents the evaluation was prepared from (official transcripts, diplomas, dissertation abstracts) is required for the Provost's credential file prior to the first day of employment. Transcripts must be issued to Florida Atlantic University, not to the individual applicant.

Background Screening: Selected candidates must successfully complete and pass all employment screenings prior to the start of employment. Employment screenings may include a criminal background check (level I and level II), motor vehicle check, credit check, reference checks, alcohol, and drug screening check.

Accommodations: Individuals requiring accommodation, please call 561-297-3057. 711
mathalliance@purdue.edu | www.mathalliance.org

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

Member
Institution

POSITION AT FLORIDA ATLANTIC UNIVERSITY

The Department of Mathematical Sciences within the Charles E. Schmidt College of Science (COS) at Florida Atlantic University in Boca Raton, Florida invites applications for a tenure-track Assistant Professor with expertise in Data Science and Statistics.

Research/Scholarship Responsibilities – The candidate will conduct research in theoretical or applied Statistics, Biostatistics, and Data Science. The candidate should have a strong record of research accomplishments, demonstrated potential for extramural funding, and a commitment to excellence in education. FAU possesses a culture that fosters internal collaboration and innovation as well as partnerships with local, national, and international agencies, and thus candidates must display strong collaborative potential and the ability to conduct transformative externally funded research within their area of specialization.

Teaching Responsibilities – Candidates will be expected to teach courses in Probability and Statistics, as well as upper-level undergraduate and graduate courses within the applicant's area of expertise. Supervision of undergraduate, M.S., and Ph.D. students is also expected. The candidate should show clear promise of excellent instructional capacity. They should be able to demonstrate their ability to understand cultural and learning differences among students and be able to foster and create educational opportunities where all students can thrive.

Service Responsibilities – Candidates are expected to serve on Departmental, College and University committees, and provide professional service to external entities related to their field of expertise. Informal inquiries can be addressed to: Lun-Ching Chang, Chair of the Search Committee, (email: changl@fau.edu). Review of applications will begin January 2, 2024 and will continue until the position is filled.

Minimum Qualifications: A Ph.D. in Statistics, Biostatistics, Mathematics, or closely related field at the time of hire is required. Post-doctoral experience is preferred.

Application Deadline: 2024/01/03

Special Instructions to Applicant: This position is open until filled and may close without prior notice. This position is subject to funding. All applicants must apply electronically to the currently posted position on the Office of Human Resources' [job website](#) by completing the required employment application for this recruitment and submitting the related documents. Required Documents: FAU's Career Page permits the attachment of required/requested documentation. PLEASE NOTE: A maximum of five (5) documents may be attached to your application. If more than five (5) documents are required for submission, please combine additional documents into a single attachment to not exceed the maximum permitted. The site permits the attachment of required/requested documentation. When completing the online application, please upload the following: (1) a cover letter, (2) curriculum vitae, (3) a statement of teaching philosophy and summary of planned research, and (4) contact information for three references including email addresses and phone numbers.

Transcripts: The selected candidate for this position is required to submit an official transcript sent directly from the institution for the Provost's credential file prior to the first day of employment. Similarly, for degrees from outside the United States, the evaluation by an organization belonging to the National Association of Credential Evaluation (NACES), with an indication of the documents the evaluation was prepared from (official transcripts, diplomas, dissertation abstracts) is required for the Provost's credential file prior to the first day of employment. Transcripts must be issued to Florida Atlantic University, not to the individual applicant.

Background Screening: Selected candidates must successfully complete and pass all employment screenings prior to the start of employment. Employment screenings may include a criminal background check (level I and level II), motor vehicle check, credit check, reference checks, alcohol, and drug screening check. As a Hispanic-serving institution, Florida Atlantic University (FAU) is one of the most racially and ethnically diverse institutions in the Florida state university system.

Accommodations: Individuals requiring accommodation, please call 561-297-3057. 711

mathalliance@purdue.edu | www.mathalliance.org

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

Member
Institution

POSITION AT FLORIDA ATLANTIC UNIVERSITY

The Department of Mathematics within the Charles E. Schmidt College of Science (COS) at Florida Atlantic University invites applications for a 9-month non-tenure track faculty position at the Instructor level beginning in the Fall Semester of 2024.

Teaching Responsibilities – Candidates will be expected to teach a load of approximately 12 credit hours per semester, primarily in courses at or below the calculus level. The main areas of teaching are Mathematics and Statistics. The candidate should show clear promise of excellent instructional capacity. They should be able to demonstrate their ability to understand cultural and learning differences among students and be able to foster and create educational opportunities where all students can thrive.

Service Responsibilities – Candidates are expected to serve on Departmental, College and University committees, and provide professional service to external entities related to their field of expertise. Informal inquiries can be addressed to: Susan Moosai, Chair of the Search Committee, (smoosai@fau.edu). Review of applications will begin January 2, 2024 and will continue until the position is filled.

This position is part of a major strategic hiring initiative in the Charles E. Schmidt College of Science that will continue to build on our areas of strength in Environment, Health, and Data Science. More information on our hiring initiative can be found at: <https://www.fau.edu/science-hiring/>. More information about the College of Science can be found at:

Minimum Qualifications: An M.S. or higher in Mathematics or Statistics or closely related field at the time of hire is required.

Application Deadline: 2024/01/03

Special Instructions to Applicant:

This position is open until filled and may close without prior notice. This position is subject to funding. All applicants must apply electronically to the currently posted position on the [Office of Human Resources' job](#) by completing the required employment application for this recruitment and submitting the related documents. Required Documents: FAU's Career Page permits the attachment of required/requested documentation. PLEASE NOTE: A maximum of five (5) documents may be attached to your application. If more than five (5) documents are required for submission, please combine additional documents into a single attachment to not exceed the maximum permitted. The site permits the attachment of required/requested documentation. When completing the online application, please upload the following: (1) a cover letter, (2) curriculum vitae, (3) a statement of teaching philosophy, and (4) contact information for three references including email addresses and phone numbers.

Transcripts: The selected candidate for this position is required to submit an official transcript sent directly from the institution for the Provost's credential file prior to the first day of employment. Similarly, for degrees from outside the United States, the evaluation by an organization belonging to the National Association of Credential Evaluation (NACES), with an indication of the documents the evaluation was prepared from (official transcripts, diplomas, dissertation abstracts) is required for the Provost's credential file prior to the first day of employment. Transcripts must be issued to Florida Atlantic University, not to the individual applicant.

Background Screening: Selected candidates must successfully complete and pass all employment screenings prior to the start of employment. Employment screenings may include a criminal background check (level I and level II), motor vehicle check, credit check, reference checks, alcohol, and drug screening check.

As a Hispanic-serving institution, Florida Atlantic University (FAU) is one of the most racially and ethnically diverse institutions in the Florida state university system. We are committed to recruiting and retaining talented faculty and staff. We embrace our shared responsibility to create and celebrate a welcoming and inclusive campus environment for all. Our community features excellent schools, a vibrant and safe community, and a sub-tropical climate conducive to year-round outdoor activities.

Accommodations: Individuals requiring accommodation, please call 561-297-3057. 711

mathalliance@purdue.edu | www.mathalliance.org

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

Member
Institution

POSITION AT UNIVERSITY OF DELAWARE

The Department of Mathematical Sciences seeks additional expertise in data science to strengthen and broaden multiple research initiatives in the department and on campus, such as the Data Science Institute (dsi.udel.edu). In addition, we seek to enhance our undergraduate programs in mathematics and data science and our dual-degree MS in data science with PhD in mathematics or applied mathematics.

The department seeks an exceptional candidate for a tenure-track assistant professor position in the mathematics of data science. The successful candidate will have a demonstrated record of significant research achievements in the mathematics of data science; strong potential for obtaining external research funding in the area; relevant knowledge and willingness to engage in meeting department and university teaching and service needs in data science; experiences showing promise of effective teaching at the undergraduate level; interest in advising and teaching at the PhD level; and a commitment to creating an inclusive classroom environment. Applicants must have received a doctoral degree in mathematics, applied mathematics, or a closely related Tenure-track faculty position in Data Science.

The Department of Mathematical Sciences seeks additional expertise in data science to strengthen and broaden multiple research initiatives in the department and on campus, such as the Data Science Institute (dsi.udel.edu). In addition, we seek to enhance our undergraduate programs in mathematics and data science and our dual-degree MS in data science with PhD in mathematics or applied mathematics.

The department seeks an exceptional candidate for a tenure-track assistant professor position in the mathematics of data science. The successful candidate will have a demonstrated record of significant research achievements in the mathematics of data science; strong potential for obtaining external research funding in the area; relevant knowledge and willingness to engage in meeting department and university teaching and service needs in data science; experiences showing promise of effective teaching at the undergraduate level; interest in advising and teaching at the PhD level; and a commitment to creating an inclusive classroom environment. Applicants must have received a doctoral degree in mathematics, applied mathematics, or a closely related discipline by the start date of the position. Research-active faculty typically have a 2–1 teaching load.

TO APPLY: Review of applications will begin on **November 13, 2023** and will continue until the position is filled. Applicants should submit the following materials through the [MathJobs](#) system: a cover letter, a curriculum vitae, a research statement describing achievements and plans for future work, and a teaching statement. In their teaching statement, candidates are encouraged to describe their efforts to promote an inclusive culture in the classroom. In addition, candidates should request that at least three letters of recommendation be submitted through [MathJobs](#). At least one letter should address the candidate's teaching ability.

Questions, but not application materials, may be e-mailed to Professor Tobin Driscoll at driscoll@udel.edu with “Tenure-track Position” in the subject line.

Compensation packages are highly competitive and commensurate with experience and qualifications. The UD benefits package is one of the best in the nation. The University of Delaware is an Equal Opportunity Employer and encourages applications from members of underrepresented groups. The University's Notice of Non-Discrimination can be found at <http://www.udel.edu/aboutus/legalnotices.html>.

mathalliance@purdue.edu | www.mathalliance.org

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

Member
Institution

POSITION AT MICHIGAN STATE UNIVERSITY

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

Some features of the RTG postdoctoral position include:

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

Applicants should submit the following items on Mathjobs.org to complete their application:

- Cover Letter
- Curriculum Vitae
- Research Statement
- Teaching Statement
- Four Reference Letters with at least one of which addresses teaching (Letters to be submitted online by the reference writers at Mathjobs.org posting)

Applicants must submit their application materials via [Mathjobs.org](#) at <https://www.mathjobs.org/jobs/list/22660>.

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

For questions or further information:

- Teena Gerhardt (teena@math.msu.edu) • Matthew Hedden (mhedden@math.msu.edu)
- Effie Kalfagianni (kalfagia@msu.edu) • Matthew Stoffregen (stoffre1@msu.edu)

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

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

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

POSITION AT UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

**Associate Director
Internship Network in the Mathematical Sciences
University of Illinois Urbana-Champaign**

The job would suit people who like helping students and would enjoy interacting with professionals across a wide variety of industries. The role provides a great stepping stone toward future careers in industry.

Skills: some mathematical or statistical background at the bachelor's level, two years of work or graduate school experience (e.g. in math, statistics, engineering, science, information sciences, or business, management or analytics). Curiosity about the world and a willingness to learn.

Remote, hybrid, or in-person. Starting as soon as possible.

Deadline: January 16, 2024.

Complete details:

<https://illinois.csod.com/ux/ats/careersite/1/home/requisition/8684?c=illinois>

POSITION AT UNIVERSITY OF CINCINNATI

Educator Faculty Position in Mathematics Announced at the University of Cincinnati

Current UC employees must apply internally via SuccessFactors > <http://bit.ly/UCEMPL>

Job Overview

The Department of Mathematical Sciences at the University of Cincinnati is seeking applicants for one or more full-time teaching Faculty – Educator/s (non-tenure track) at the Instructor or Assistant Professor rank (final rank is commensurate with credentials).

The Department of Mathematical Sciences is committed to excellence in teaching. The successful candidate will join a team dedicated to improving STEM education through the use of new pedagogical initiatives and cutting-edge technologies, and a research based, active learning approach involving new models of instruction which includes distance learning.

Essential Functions

Teaching various Mathematics and/or Statistics courses at the undergraduate level. Teaching assignments include both courses taught independently as well as courses taught as a collaborative team led by a faculty colleague. Participating in service to the department. Service may include, but is not limited to, serving on committees, new course development, and leading instructional teams of coordinated courses.

Minimum Requirements

For appointment at the Assistant Professor level, prior to the effective date of appointment:

PhD in Mathematics or Statistics or closely related field

For appointment at the Instructor level, all of the following prior to appointment:

Master's degree in Mathematics or Statistics or closely related field

At least two academic years' experience teaching college-level courses in mathematics or statistics

Application Process

1. Candidates must submit an application to the University of Cincinnati recruitment system (@ <https://jobs.uc.edu>, search Requisition # 94921). The application must include a diversity and inclusion statement (maximum one page) on how diversity and inclusion impact their teaching philosophy in their application.

2. Candidates also must submit the following documents on Mathjobs.org @ <https://www.mathjobs.org/jobs/list/24086> or to the UC recruitment system:

Cover letter detailing interest and qualifications for the position, highlighting skills and/or experience relevant to the essential functions listed above.

Copy of curriculum vitae

Description of teaching experience, if applicable. This is a brief description of courses taught (including level of course responsibility – course developer, course coordinator, primary instructor, teaching assistant, other), use of instructional technology, and prior experience with non-traditional pedagogical methods, if any.

3. Candidates must also arrange to have three confidential letters of recommendation submitted via mathjobs.org, or sent via email to nancy.diemler@uc.edu. One or more of the letters should address teaching experience and quality of teaching (if applicable).

Review of applications will begin February 1, 2024 and the posting will remain open until all positions are filled.

To learn more about why UC is a great place to work, please visit our careers page at <https://www.uc.edu/careers.html>

FOR ALL FACULTY HIRES OFFICIAL ACADEMIC TRANSCRIPTS WILL BE REQUIRED AT THE TIME OF HIRE.

The University of Cincinnati, as a multi-national and culturally diverse university, is committed to providing an inclusive, equitable and diverse place of learning and employment. As part of a complete job application you will be asked to include a Contribution to Diversity and Inclusion statement.

For questions about the UC recruiting process or to request accommodations with the application,
mathalliance@purdue.edu | www.mathalliance.org

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

THE UNIVERSITY OF TEXAS AT ARLINGTON



THE UNIVERSITY OF TEXAS AT ARLINGTON

The RTG Program



RTG POSTDOCTORAL RESEARCHER

The Department of Mathematics at The University of Texas at Arlington invites applications for a Postdoctoral Researcher, beginning September 1, 2024, to work in a new Research Training Group,

“**VERTICALLY INTEGRATED INTERDISCIPLINARY TRAINING IN MATHEMATICS FOR HUMAN HEALTH,**” supported by the National Science Foundation. RTG themes include modeling in *cancer biology*, *computational neuroscience*, and *mathematical epidemiology*. Mathematical techniques include qualitative and numerical analysis of deterministic and stochastic dynamical systems, optimal control, network models, and machine learning. Preference will be given to candidates with experience in these areas. The researcher will work closely with project faculty as well as collaborators in partner health institutions on this research, and on mentoring undergraduate and graduate students involved in the project. Duties will also include teaching one to two courses per academic year. The salary will be competitive and commensurate with qualifications and experience. The minimum qualification is an earned Ph.D. in Mathematical Sciences, Statistics, Data Science, or related fields. The appointment is for 3 years. Per funding requirements, only US citizens and permanent residents are eligible for this position. Strong preference will be given to applicants with a doctoral degree received in 2021 or after. For more information about the UTA RTG program, visit the RTG website at <https://www.uta.edu/math/rtg>.

The University of Texas at Arlington is in the heart of the Dallas-Fort Worth-Arlington metroplex, a vibrant and diverse metropolitan area that is home to over 7 million people, one of the fastest-growing tech economies in the United States, and a wide array of arts, entertainment, and cultural activities. UTA is a comprehensive teaching, research, and public service institution dedicated to the advancement of knowledge through scholarship and creative work. The University is committed to providing access and ensuring student success, and to a culture of innovation, entrepreneurship, and commercialization of discoveries by our community of scholars. With an enrollment of approximately 46,000 students, UTA is the largest institution in North Texas and the second-largest in the UT System. As a result of its combination of rigorous academics and innovative research, UTA is designated as a *Carnegie R-1 “Very High Research Activity”* institution and as a *Texas Tier One* institution. In 2021, UTA received the Higher Education Excellence in Diversity Award for its deep commitment to diversity, equity, and inclusion in higher education. The Department of Mathematics is the recipient of the *2023 American Mathematical Society Award for Mathematics Programs That Make a Difference*. The department offers a variety of degree programs, including BA, BS, MA, MS, and PhD in Mathematics, Statistics and Data Science, and Mathematics Education. For more details, visit the Department website at <https://www.uta.edu/math>.

Successful candidates are expected to demonstrate a commitment to diversity and equity in education through their scholarship, teaching, and/or service as well as a strong commitment to teaching, advising, and mentoring undergraduate and graduate students from diverse backgrounds. Applicants must submit electronically via <https://www.mathjobs.org> [Position ID: #22547] a letter of application plus a complete curriculum vitae, statement on research interests, statement of teaching philosophy that addresses evidence of teaching experience and effectiveness, and an American Mathematical Society (AMS) cover sheet. Applicants should arrange to have at least three letters of recommendation uploaded to <https://www.mathjobs.org>. At least one should address teaching. Inquiries about the position may be directed to rtg@uta.edu. Review of applications will begin on February 1, 2024, and will continue until the position is filled. Persons from groups historically underrepresented in Science, Technology, Engineering and Mathematics are encouraged to apply.

The University of Texas at Arlington is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse, equitable and family-friendly environment in which all faculty and staff can excel irrespective of race, national origin, age, genetic or family medical history, gender, faith, gender identity and expression as well as sexual orientation. A criminal background check will be conducted on finalists. UTA is a tobacco free campus. UTA also encourages applications from veterans.