Thoughts from the Director...

David Goldberg
Executive Director of the Math Alliance

I know most of us are fast approaching the end of the school year, and that makes it an exciting time. As usual there is too much going on to boil down to a couple of paragraphs, so I am going to pick and choose a bit. Thanks to everyone who participated in our virtual JMM sessions earlier this month. It was great to see the research presentations by Math Alliance Scholar doctorates, and to hear of all their great achievements. I have also received many positive comments on the panel discussion we held, and it was great to see everyone who was able to make it. I thought the discussions was great, and we hope to have a video to post soon. Events such as these reminds me of how important our community is and how critical it is to keep connected with each other. I am looking forward to two in-person Math Alliance events this summer. First, we will have our Career Paths in the Math Sciences Workshop at IMA in Minneapolis, July 20-22. Also, we'll be holding a panel discussion at the 2022 MAA MathFest in Philadelphia. The time for that event is Thursday August 4, 10:30-11:50AM. I hope to see many of you there.

F-GAP is up and running. Mentors, you will have received a couple of e-mails about the nominating process for this year, and it is just a bit different than in past years. If you know of a student you think will be considering applying to quantitative science graduate programs for fall 2023, then consider meeting with them and determining if they are a candidate for F-GAP, as described in the letter I just mentioned. There are two events which will, for the moment, only be open to students who are enrolled and active in the F-GAP program. The first is the Career Paths Workshop described above. Also, in planning this year's Field of Dreams Conference, the decision was made that **only students actively participating in F-GAP will be invited to the 2022 Field of Dreams Conference** (November 4-6, Minneapolis). So, be sure to identify and nominate students for F-GAP!!! Also, look for announcements about the plenary speakers and other features at this year's Field of Dreams Conference soon.

Finally, I think our whole community should be proud of the recent announcement of the 2022 class of MGB-SIAM Early Career Fellows. As noted on the SIAM News website, "These distinguished early career professionals were selected based on their exemplary achievements; support of diversity, equity, and inclusion in their community; and commitment to industrial and applied mathematics, computational science, and data science". There were eight awards made and *six of the eight* were earned by Math Alliance Scholars: Kyle Dahlin, Ranthony A.C. Edmonds, Reginald L. McGee II, Iván Ojeda-Ruiz, Joan Ponce, and Oyita Udiana!! Congratulations to all of them for the great work and the well-deserved recognition!!

AMS | AMERICAN MATHEMATICAL SOCIETY
Advancing research. Creating connections.

May

[The Linear Algebra Curriculum Study Group (LACSG 2.0) Recommendations](#) by Sepideh Stewart, Sheldon Axler, Robert Beezer, Eugene Boman, Minerva Catral, Guershon Harel, Judith McDonald, David Strong, and Megan Wawro*

[Fields Medalist and French Politician Cédric Villani Visits Congress](#) by Karen Saxe*

[Lundberg Receives Ruscheweyh Young Researcher Award](#) - Erik Lundberg* was awarded the 2021 Stephan Ruscheweyh Award

New Book Offered by the AMS- [Count Me In- Community and Belonging in Mathematics](#) by Della Dumbaugh, University of Richmond, VA and Deanna Haunsperger*, Carleton College, Northfield, MN, Editors

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Math Alliance Mentor   †*Math Alliance Scholar*

Items of Interest in the AMSTAT NEWS

April

Nicholas Horton*, [Incoming JSDSE Editor](#)

[Diversity Mentoring Workshop Returns to JSM 2022 in DC](#)

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*Math Alliance Mentor   †Math Alliance Scholar

SIAM Announces the 2022 Class of MGB-SIAM Early Career Fellows

[Society for Industrial and Applied Mathematics](#) (SIAM) announced the inaugural class of MGB-SIAM Early Career (MSEC) Fellows. You can see the full article [here](#).

SIAM selected 10 members and we are very proud to say that **6 of them are Math Alliance Scholars:**

Kyle Dahlin

Ranthony A.C. Edmonds

Reginald L. McGee II

Iván Ojeda-Ruiz

Joan Ponce

Oyita Udiani

Congratulations to all of them for being selected for this fellowship!

Penn State CSHE's Academy for Anti-Racist Leadership– Now Accepting Nominations

We are pleased to announce that this year Penn State's Center for the Study of Higher Education (CSHE) is offering the Academy for Anti-Racist Leadership, which will be held in virtual format via Zoom, **June 20-24**, 2022. Details about this timely new academy can be found on our website at https://sites.psu.edu/cshe/aarl-home/.

The Academy for Anti-Racist Leadership is a companion program to our longstanding Academic Leadership Academy, which for over a decade has been preparing academic administrators to meet the ever-changing demands of higher education by enhancing their abilities to think critically and excel as leaders in their institutions.

Across the United States, many colleges and universities have issued statements pledging to take a stand against racism in all its forms. The Academy for Anti-Racist Leadership is designed for academic administrators who have joined the growing movement for racial justice. For those who have gained initial experience as an anti-racist leader and wish to strengthen their transformative leadership capabilities, the Academy for Anti-Racist Leadership provides time with faculty experts and peers to hone perceptions of oppressive racial dynamics, especially as situated in anti-Blackness and intersectionality. The Academy is for leaders who have completed 'DEI 101' in a 'learning by doing' mode over the past few years and now feel an urgent need to deepen their understanding of the history and manifestations of racist ideas, policies, and practices.

After reviewing the program details on our web site, if you would like to nominate someone else, or yourself, please fill out the Nomination Form at this link: https://forms.office.com/r/EbfZZEEdwX. Nominations will be reviewed, and acceptance decisions communicated, on a rolling basis until the program has filled. All nominations received by May 6, 2022 are assured full consideration. An acceptance notice and registration information will be sent directly to those nominees accepted into the program through our partners in Penn State's Conferences & Institutes office. All nominations will be considered space permitting.

We look forward to hearing from you and hope to have the opportunity to work with members of your academic leadership team through this year's Academy. Should you have any questions please contact us at leadershipacad@psu.edu. Thank you for your interest—we look forward to reviewing your nominations.

Yours sincerely,

Alicia C. Dowd, Professor and Director, Center for the Study of Higher Education (CSHE)
https://sites.psu.edu/cshe/

LaWanda W. M. Ward, Assistant Professor, CSHE Faculty Research Associate, and Director, CSHE Academy for Anti-Racist Leadership

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 Homotopical Methods in Low Dimensional and Symplectic Topology

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

* indicates lead organizers.

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

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

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

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

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

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.**

Forthcoming Compendium from 2021 MSRI Workshop on Mathematics and Racial Justice

In June of 2021, MSRI held a virtual *Workshop on Mathematics and Racial Justice*, which convened nearly 300 mathematicians, statisticians, computer scientists, and STEM educators to critically examine the role that mathematics plays in today's movement for racial justice. A free and publicly available compendium on the workshop is expected to be released on the occasion of Juneteenth 2022.

Mathematics is often viewed as one of the main tools responsible for scientific progress, and developments in mathematics are behind some of society's most significant technological advancements. While mathematics has been used to push society forward, there are also well documented instances of mathematics being used as a tool of racial oppression. The inequities faced by the Black community have become more and more difficult to ignore, and mathematicians have increasingly been answering the call to engage with issues of social justice within their research, their teaching, and in the broader scientific community. This workshop and the resulting compendium are a part of this movement and make the distinct contribution of centering issues of mathematics and racial justice, with focus on the Black community.

The 2021 keynotes by Robert Berry (University of Virginia) and Rediet Abebe (University of California, Berkeley) set the stage for this volume: Berry, by presenting a historically-informed view of the way mathematics education as it is often implemented dehumanizes people of color, and Abebe, by demonstrating the power of data and computer science to study social problems and guide their solutions. Following their contributions, the workshop was divided into four primary thematic areas, which have also guided the organization of this compendium: Bias in Algorithms and Technology; Public Health Disparities; Racial Inequities in Mathematics Education; and Fair Division, Allocation, and Representation.

The 2021 workshop was organized by Omayra Ortega (Sonoma State University), Robin Wilson (California State Polytechnic University, Pomona), Caleb Ashley (Boston College), Ron Buckmire (Occidental College), Duane Cooper (Morehouse College), and Monica Jackson (American University) and supported by the American Mathematical Society (AMS), the Center for Minorities in the Mathematical Sciences (CMMS), the Mathematical Sciences Research Institute (MSRI), the National Association of Mathematicians (NAM), the National Science Foundation (NSF), and the Society for Industrial and Applied Mathematics (SIAM).

Virtual

ASA

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

Collaborative Undergraduate Biostatistics Experience (CUBE)

Mission Statement

The mission of the Collaborative Undergraduate Biostatistics Experience (CUBE) program is to provide undergraduate students who are underrepresented in STEM programs with training and mentorship in a real-world collaborative data science research project in the health sciences. The program also includes a professional development track that runs alongside the collaborative data science research experience, offering mentoring in communication, presentation skills, resume writing, career options, graduate applications, and much more.

What is CUBE?

CUBE is an 8-week training program designed to provide undergraduate students who are underrepresented in STEM programs the opportunity to engage in a full-time (~40 hours/week) collaborative data science experience in the health field, along with related professional development activities. The goal is to offer students an experience working with a real-world dataset under the mentorship of experienced data scientists and clinical experts, to help them determine if they want to pursue a career in collaborative data science, and to provide them with professional development skills for the workplace or for graduate school.

Who will host and mentor students?

Two students will be hosted and mentored by Virginia Tech faculty and staff on the Health and Technology campus in Roanoke, VA.
Two additional students will be hosted and mentored by University of Virginia faculty and staff in Charlottesville, VA.

Program Dates: June 6, 2022 through July 29, 2022

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

Where can students apply?

https://biostat.centers.vt.edu/cubeprogram.html

Application Deadline: April 30, 2022

Where will the students stay?

Students participating in Virginia Tech's program will be housed in a furnished apartment, equipped with a full kitchen, at the historic Patrick Henry Hotel.

Who supports the CUBE Program?

The integrated Translational Health Research Institute of Virginia (iTHRIV); Virginia Tech's College of Science and the Department of Statistics; the Fralin Life Sciences Institute (FLSI), the Institute for Society, Culture, and Environment (ISCE), and CBHDS.

More info about CBHDS at
biostat.centers.vt.edu/
Follow us on Twitter @VT_Biostats

Lecturer in Mathematics Position
Announced at Purdue University

PURDUE
U N I V E R S I T Y

Applications are invited for a position of a Lecturer in Mathematics. Candidates must have M.S. or Ph.D. (or equivalent) in mathematics or in closely related areas. Two years of experience in mathematics teaching at the junior college or university level desired.

Duties include teaching first-year courses such as precalculus and applied calculus and possibly second-year courses such as linear algebra and differential equations. Working with staff, TAs, assist in coordinating courses, carrying out instructional goals. Opportunity for summer teaching. Start date is August 15, 2022.

Starting academic-year salary is in the $58,000 to $62,000 range, commensurate with experience. All applications are to be submitted via https://careers.purdue.edu/job-invite/19168/.

Review of applications will begin on **June 1, 2022** and will continue until the position is filled. For more information about our department, see www.math.purdue.edu/.

A background check is required for employment in this position. Candidates must have the ability to work in the U.S. without immigration sponsorship from Purdue University.

Purdue University's School/Department of Mathematics is committed to advancing diversity in all areas of faculty effort, including discovery, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

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

The Data Mine at Purdue University is Hiring!

PURDUE
UNIVERSITY

Corporate Partners Technical Specialist

Job Summary   Requisition ID: 16968

Purdue University is looking for the right candidate to fill the newly created role of Corporate Partners Technical Specialist. This position is an entry-level professional and technical contributor on a project or work team on a day-to-day basis, in coordination with the Corporate Partner Senior Managers, The Data Mine (West Lafayette) staff, and research clientele associated with research and experiential learning projects.

Corporate Partners Technical Specialists will be expected to engage with the Indiana Data Mine statewide expansion and Corporate Research Partners fulfilling the objective to provide a valuable data science project experience for students, faculty, and corporate mentors.

Corporate Partners Technical Specialists will mentor and provide technical expertise to student teams and oversee the analysis of data, and compilation of results. This position is also expected to demonstrate procedures of analysis when needed; will participate in preparation of oral and written communication Including articles for publication, grant proposals, reports to sponsors, and conference presentations; will oversee undergraduate students concerning research which may require modification of procedures when considering resource capacity, limitations, or timeframe; will communicate with parties within and outside of area to explain facts, policies and practices related to the field of specialization. Requires theoretical knowledge of fundamental data science concepts typically obtained through specific education and training.

Required:

- Bachelor's degree
- 0 to 1 year of data science industry experience
- Organized and able to demonstrate project management skills for several projects simultaneously
- Skilled in active listening
- Skilled in problem solving
- Skilled in verbal and written communication skills, including presentation skills
- Skilled in data analytics skills and willingness to learn new methods
- Ability to interact with individuals at various levels across campus and external to the university, including senior leadership within companies
- Understands modern data science and big data skills, including but not limited to Python, R, SQL, UNIX, High-Performance Computing Systems

Preferred:

- Some data science industry experience (obtained through internships or past projects)
- Familiarity and/or experience with the Agile methodology

Additional Information:

- Purdue will not sponsor employment authorization for this position
- A background check will be required for employment in this position
- FLSA: Exempt (Not Eligible For Overtime)
- Retirement Eligibility: Defined Contribution Waiting Period

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

Presidential Postdoctoral Fellowship in Mathematical Biology Position Announced at Arizona State University

Presidential Postdoctoral Fellowship in Mathematical Biology (Job #92397)
The School of Mathematical and Statistical Sciences (SoMSS) at Arizona State University (ASU) invites applications for up to 2 postdoctoral scholar positions in the area of mathematical biology.

The School of Mathematical and Statistical Sciences, part of The College of Liberal Arts and Sciences, invites applications for two Presidential Postdoctoral Fellow positions, with an anticipated start in the 2022-2023 academic year. Fellows will conduct research in mathematical biology, with a faculty mentor in the School of Mathematical and Statistical Sciences. The Fellows' activities will include production of relevant scholarly products, contributions to grant proposals, participation in the School's seminars, teaching up to two courses per year, and mentoring of students. Fellows will bring life experiences and expertise that promote diverse representation in the mathematical sciences. With grants from the National Science Foundation, National Institutes of Health, Department of Defense, National Security Agency and more, our mathematics and statistical sciences faculty are leading game-changing research, training and education projects. In particular, mathematical biology at ASU has a world-class reputation in mathematical ecology, epidemiology, neuroscience and medicine.

Qualifications and Characteristics
Minimum qualifications
- PhD in mathematics, applied mathematics or a closely related area by August 10, 2022.
- Demonstrated potential for excellence in research and teaching.
- Demonstrated understanding of and potential for success working on diversity, equity and inclusiveness issues in the mathematical community

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

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

Applications and Inquiries
Applications can be submitted online via https://www.mathjobs.org. Application materials should include (1) a curriculum vita; (2) a letter of interest describing how you meet the qualifications noted above; (3) a diversity statement addressing how your past and/or potential contributions to diversity, equity, and inclusion will advance ASU's Charter; and (4) contact information for 3 references including email addresses. **Application deadline is 4:00 pm AZ Time, Sunday, May 8, 2022.** Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is filled.

The College values our cultural and intellectual diversity, and continually strives to foster a welcoming and inclusive environment. We are especially interested in applicants who can strengthen the diversity of the academic community.

A background check is required for employment.

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

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

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

Multiple Lecturer Positions in Math/Stat Announced at Arizona State University

The School of Mathematical and Statistical Sciences at Arizona State University invites applications for up to four full-time, benefits-eligible lecturer positions in mathematics and/or statistics beginning August 16, 2022. 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 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.

Required Qualifications:
- A Masters or Ph.D. degree in mathematics, statistics, mathematics education, or a closely related field by August 10, 2022
- Demonstrated potential for excellence in-person and/or online instruction
- Demonstrated understanding of the importance of diversity, equity, and inclusiveness in the mathematical community

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, statistics, and/or courses designed for secondary teacher preparation in mathematics both in-person and online formats
- Demonstrated success working with diverse student and/or faculty populations
- Documented experiences and/or expertise indicative of strong support for individuals who have been systemically underserved in the mathematical sciences

Women and minority candidates 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 **https://www.mathjobs.org**:
1. A cover letter that briefly explains the candidate's interest in, and fit with the position
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. A statement addressing how your past and/or potential contributions to diversity and inclusion will advance ASU's commitment to inclusive excellence.
5. At least two letters of recommendation that address the teaching and academic credentials must be submitted to MathJobs

The application deadline is 4:00 pm Arizona time Thursday, April 14, 2022, 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.
The College values our cultural and intellectual diversity, and continually strives to foster a welcoming and inclusive environment. We are especially interested in applicants who can strengthen the diversity of the academic community. Learn more about what The College of Liberal Arts and Sciences has to offer by visiting https://thecollege.asu.edu/faculty.

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 receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other basis protected by law. https://www.asu.edu/aad/manuals/acd/acd401.html. https://www.asu.edu/titleIX.

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

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

Fixed-Term Faculty Instructor in Mathematics Position Announced at Michigan State University

The Department of Mathematics at Michigan State University invites applications for a fixed-term faculty instructor 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 a multi-year appointment term up to three years will be considered 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. Once hired into the team, the new member can expect exciting instructional opportunities and career advice from their colleagues aimed at taking their instructional and mentoring capabilities to the next level. Other local resources—the Center for Instructional Mentoring (housed in the Department of Mathematics) and the MSU PRIME Program — will provide rich opportunities for additional instructional training and career development.

We seek candidates who have demonstrated the ability to teach effectively in multiple modalities, the potential to coordinate and lead a team of individuals with different instructional responsibilities, and a commitment to cultivating equitable and inclusive learning environments.

Applications should be submitted via MathJobs.org; see listing **#19665** or visit **https://www.mathjobs.org/jobs/list/19665** 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 **March 21, 2022**, and review of applications will continue until the position is filled. Questions may be directed to the chair of the search committee, Prof. Willie Wong (wongwwy@math.msu.edu). Applicants are encouraged to explore the MSU Department of Mathematics website at **https://math.msu.edu**.

Teaching Postdoctoral Scholar Position
in Mathematics at University of Kentucky

Applications are invited for a Teaching Postdoctoral Scholar position in the Department of Mathematics at the University of Kentucky in Lexington, Kentucky beginning in Fall 2022. The successful candidate is expected to teach six courses per academic year, normally three courses during each semester. The teaching postdoc will receive formal and informal training regarding contemporary instructional methods, including classroom practices, assessment, and supervision of teaching assistants. Additional opportunities for professional development include seminars and workshops offered by both the Mathematics Department and the UK Center for the Enhancement of Learning and Teaching. The initial appointment will be for one year and is expected to be renewed for an additional year, subject to satisfactory performance and funding availability.

Applicants must have a Ph.D. degree in mathematics or closely related fields by the time the appointment begins and are expected to present evidence of excellence in teaching.

Applicants will need to submit job market materials to MathJobs.org. These materials should include: the standard AMS Cover Sheet for Academic Employment, a curriculum vitae, a statement on teaching experience, quantitative assessments of teaching, a statement on inclusion, diversity, and equity (described below) and at least three (3) letters of reference, at least two of which address teaching and/or supervision of teaching. Evidence of experience or interest in teaching large classes is valued.

All application materials must be submitted online at http://www.mathjobs.org/jobs/.

As a department and university, we are strongly committed to creating an inclusive and effective teaching, learning, research, and working environment for all (see https://www.uky.edu/sotu/diversity-and-inclusivity). For your statement on inclusion, diversity, and equity, in one to two pages, applicants are asked to reflect on their commitments, approaches, and insights related to inclusion, diversity, and equity.

Applications will be reviewed as they are received. Applications submitted by **April 15, 2022**, will receive full consideration.

For more information about the department, please visit http://www.math.uky.edu.

The University of Kentucky is an Equal Opportunity Employer and encourages applications from veterans, individuals with disabilities, women, African Americans, and all minorities.

MEGL Outreach Director Position Announced at George Mason University

The Department of Mathematical Sciences at George Mason University invites applications for a renewable 1-year position at the rank of Term Assistant Professor, to begin in August 2022, with the possibility of paid training during Summer 2022.

The Mason Experimental Geometry Lab (MEGL, https://megl.science.gmu.edu/) is a research and outreach program within the Department of Mathematics. The research branch of MEGL engages undergraduate and graduate students in semester-long faculty-led projects focused on visualization and computation, reaching approximately 24 students across 6 projects each semester. The outreach branch of MEGL engages the community through small-group activities at nearby schools, reaching approximately 1000 students through 30 events each semester.

Responsibilities:
The position is formally a Term Assistant Professorship, a full-time teaching position.

The MEGL Outreach Director devotes 50% effort to teaching 2 courses per semester and 50% effort to outreach tasks:

- Learning, scheduling, and conducting existing outreach activities, aiming each semester to conduct 30 activities reaching 1000 students,
- Coordinating the outreach team, consisting of 1 graduate assistant, 2 paid undergraduate assistants, and occasional volunteer assistants,
- Maintaining the outreach network, currently consisting of 260 schools, libraries, and other venues in the Northern Virginia region,
- As time permits, developing new material, including new activities or follow-up materials.

Required qualifications:

- Excitement to share mathematics with others via fun, hands-on activities,
- Enthusiasm for serving a diverse student body and outreach network,
- Demonstrated strong administrative and organizational skills,
- Experience delivering outreach content in mathematics,
- Mathematics teaching experience at the university level,
- Master's degree in mathematics, or equivalent coursework.
- Hold a Ph.D. Degree in mathematics or a closely-related field, or expect to receive one by Summer 2023,
- (A successful candidate who does not complete their PhD by Summer 2022 will be hired as an Instructor, and promoted to Term Assistant Professor upon completion of their PhD based upon evaluation of performance over total period of service.)

Preferred qualifications (not strictly required):

- Experience developing mathematical outreach activities,
- Experience in K-12 mathematics curriculum and pedagogy,
- Experience in group-based teaching methods,
- Research and leadership experience at a lab in the Geometry Labs United network.

For more information about the position, email the MEGL Director Anton Lukyanenko at alukyane@gmu.edu, or the Department of Mathematics at math@gmu.edu.

For full consideration applications must be received via https://www.mathjobs.org/jobs/list/19782 by **April 25, 2022,** but applications will be accepted until the position is filled. Applications must include a cover letter, curriculum vitae, teaching statement and at least 2 letters of recommendation, one of which discusses teaching. Letters specifically addressing this position's unique requirements are particularly welcome

Multiple Visiting Assistant Professor Positions in Mathematics Announced at Wake Forest University

Department of Mathematics is seeking applications for several Visiting Assistant Professor positions. Review of applications will begin immediately and will be accepted until positions are filled. We seek highly qualified candidates who have a commitment to excellence in teaching. A Ph.D. in Mathematics or a related area is preferred, but exceptional candidates with a Master's degree in Mathematics or a related area will also be considered. The department has 16 tenure-track faculty, two teaching professionals and five teacher-scholar postdocs. The department offers both a B.A. and a B.S. in Mathematics, a B.S. in Applied Mathematics, and a B.S. in Mathematical Economics. The department also has a graduate program offering an M.S. in Mathematics. The teaching load for this position is three courses per semester.

The Department of Mathematics at Wake Forest University takes seriously the charge to be a space which is truly welcoming to all, and we are actively engaged in work to remove barriers to success and create new systems of support for students and faculty. We especially encourage applications from those belonging to groups traditionally underrepresented in the sciences. For details, please see http://www.math.wfu.edu.

Wake Forest University is a private, coeducational institution dedicated to academic excellence in liberal arts, graduate and professional education. Founded in 1834, the University is ranked among the top 30 national universities. With 5,400 undergraduates and 3,300 graduate and professional students, the student-faculty ratio is 11:1. Wake Forest is a collegiate university offering a vibrant intellectual community with a rich cultural life, an impressive array of facilities, and an active athletics community. The University has a deep institutional commitment to public service and engagement with the world, as indicated by the motto "Pro Humanitate." For quick facts about the University, go to https://admissions.wfu.edu/facts/.

A complete application will include a letter of application, curriculum vitae, teaching statement, and three letters of recommendation from individuals who can speak knowledgeably about the candidate's teaching. Applicants are encouraged to post materials electronically at https://www.mathjobs.org/jobs/list/19495. Hard copy can be sent to Dr. Sarah Raynor, Wake Forest University, Department of Mathematics, P.O. Box 7388, Winston-Salem, NC 27109 (raynorsg@wfu.edu, http://www.math.wfu.edu).

Wake Forest University is an AA/EO employer and values an inclusive and diverse learning community and campus climate.