NATIONAL ASSOCIATION OF MATHEMATICIANS

NEWSLETTER

Summer 2023 | Vol: 54 | Issue 2

CONTENTS

ANOTHER SUCCESSFUL FCRTE!!

FCRTE participants pause for a group picture during an amazing conference on the beautiful campus of Hampton University

The National Association of Mathematicians (NAM)
publishes the NAM Newsletter four times per year.

NAM's History and Goals: The National Association of Mathematicians, Inc. (known as NAM) was founded in 1969. NAM, a nonprofit professional organization, has always had as its main objectives, the promotion of excellence in the mathematical sciences and the promotion and mathematical development of under-represented minority mathematicians and mathematics students. It also aims to address the issue of the serious shortage of minorities in the workforce of mathematical scientists.

Newsletter Website: The NAM website has a list of employment as well as summer opportunities on the Advertisements page. It also features past editions of the Newsletter on the Archives page.

Letters to the editor and articles should be addressed to Dr. Zerotti Woods via e-mail to editor@nam-math.org.

Publishing in the NAM Newsletter

Submissions: The *NAM Newsletter* is a quarterly publication. Articles and letters should be submitted electronically via the website. For advertisements, articles, and announcements, please visit

https://nam-math.org/submitting-advertisements-and-articles.

Advertising:

NAM Online Advertisement Policy: As a part of its Newsletter Advertising, a copy of the advertisement will be placed on the web during the period it appears in the quarterly Newsletter - at the Job Openings website.

NAM Newsletter Print Advertisement Policy for Non-institutional Members: Receipt of your announcement will be acknowledged. You will be billed after the advertisement appears. A copy of the advertisement will be placed on the *NAM Newsletter* website during the period it appears in the *NAM Newsletter*. To estimate the page size, use 12 point font on a standard size page.

1. One issue advertising

A. One-fourth page	$200		D. Two-thirds page	$500
B. One-third page	$300		E. Three-fourths page	$600
C. One-half page	$400		F. One whole page	$800

   *advertisements over one page are pro-rated

2. Consecutive, multiple issue advertising

   Each consecutive issue thereafter 75% of the first issue charge.

NAM Newsletter Print Advertisement Policy for Institutional Members: Receipt of your announcement will be acknowledged. You will be billed after the advertisement appears. Institutional Members of NAM are entitled to one 1/4 page advertisement at 1/2 the regular price during the fiscal year of their membership. Additional advertisements follow the above stated cost structure. A copy of the advertisement will placed on the *NAM Newsletter* website during the period it appears in the *NAM Newsletter*. To estimate the page size, use 12 pt font in your favorite word processing program on a standard size page.

Deadlines: The deadlines for submissions and advertisements can be found in the following table.

Edition	Deadline		Edition	Deadline
Spring	March 1		Fall	September 1
Summer	June 1		Winter	December 1

Advertisements should be submitted electronically via the website
athttps://nam-math.org/submitting-advertisements-and-articles.

We reserve the right to reject any advertising that is not consistent
with the stated goals of NAM, or that is in any way deemed inappropriate.

NAM 2023 Elections

The following positions will be up for election this coming Fall 2023

President

The President is the chief executive and representative of NAM and the chairperson of the Board of Directors of NAM. The President shall protect, uphold, and pursue NAM's mission and purpose.
The President is the Chief Executive Officer of NAM, is Chair of the Executive Committee, and is Vice-Chair of the Awards-Recognitions Committee

Outside Academia Member

The Outside Academia Member is an active NAM Member who is elected to represent the perspectives of non-academic institutions, businesses, and industries based in the United States. The Outside Academia Member is also the chair of the Services and Special Project Committee, and is Vice Chair of the Finance Committee.

Region A Representative

The Region A Member is the Chairperson of the Region A Activity Committee, and is the vice chair of the Publications and Publicity Committee. This Representative serves as a liaison for the promotion and facilitation of NAM's activities and affairs. Region A consists of Alabama, California, Florida, Georgia, Montana, Puerto Rico, South Carolina, Virgin Islands, and any state not in Regions B or C.

These elected positions will take office from February 1, 2024 through January 31, 2027. The President and members of the NAM Board of Directors serve for three years.

Submit all nominations by September 1, 2023 to: Dr. Robin Wilson at majority-institution-member@nam-math.org

Friday, 11 March 2022

INSERT NEW LOGO HERE

Calling All NAM Creatives

NEW NAM LOGO NEEDED.

The original NAM logo, as pictured above, has served the organization well. Now, it's time for a new logo, and we're calling on our members for ideas!
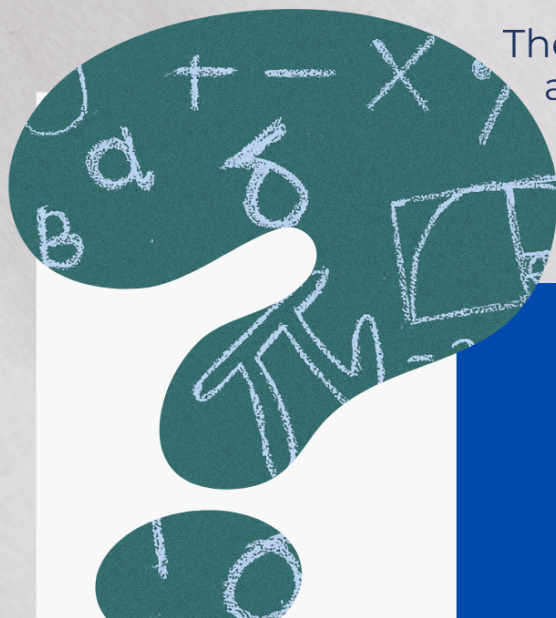
Send designs for consideration.

Send ideas, designs, and/or submissions to the Publications and Publicity Committee at EDITOR@NAM-MATH.ORG.

UNDERGRAD RESEARCHERS:

SEE YOUR WORK IN PRINT.

SUBMIT TO THE NAM NEWSLETTER.

SHOWCASE YOUR WORK IN A PROFESSIONAL NEWSLETTER.

EMAIL THE NEWSLETTER EDITOR FOR MORE INFORMATION.

INCREASE YOUR PROFESSIONAL VISIBILITY.

~[THIS COULD BE YOU.]

DEMONSTRATE YOUR WRITING CAPABILITIES.

Send all inquiries to: editor@nam-math.org

NEWSLETTER MATHEMATIC PROBLEM

Want your name in the next newsletter? Want to challenge yourself with a tough mathematical problem? Solve the 54.1 NAM Newsletter Mathematics Problem

Calling all Undergrad and Grad Student

What's at stake? Bragging rights and your name and institution in the next NAM newsletter.

Q.E.D

Email your proof to editor@nam-math.org

+ —

We consider palindrome polynomials. Palindrome polynomials are polynomials whose coefficients are the same forward or backward. More formally, Palindrome polynomials are polynomials of the form:

$$f(x) = \sum_{i=0}^{n-1} c_i x^i$$

where

$$c_{n-i-1} = c_i \text{ for } 0 \leq i \leq n-1$$

Prove the following are equivalent:

1 If $f(\alpha) = 0$ then $f(\alpha - 1) = 0$

2 f is a palindrome polynomial

3 $f = gh$ where $h_{n-i-1} = g_i$ for $0 \leq i \leq n-1$

2023 NAM David Harold Blackwell Lecture
Different Differences
Dr. Ron Buckmire
Occidental College

**MAA MathFest
Saturday, August 5,
11:00 a.m. – 11:50 a.m.,
Ballroom B/C**

Dr. Ron Buckmire is a Professor of Mathematics at Occidental College in Los Angeles, California. Ron holds mathematics degrees (Ph.D., M.Sc. and B.Sc.) from Rensselaer Polytechnic Institute. He was Associate Dean for Curricular Affairs and Director of the Core Program from 2018-2022. He was an employee of the National Science Foundation (NSF) from 2011-2013 and 2016-2018. In 2023, he was recognized as a Fellow of the Society for Industrial and Applied Mathematics (SIAM). His primary research interests are numerical analysis, scholarship of teaching and learning, mathematical modeling, and most recently the area of data sceince, focussing on its intersections with social justice.

He is a passionate advocate for broadening the participation of historically excluded groups (especially LGBTQ+ individuals and racial/ethnic minorities) in math and other STEM disciplines. He serves the broader mathematics community in several capacities, such as Vice-President for Equity, Diversity and Inclusion at SIAM, Chair of the AMS Committee on EDI, Chair of MSRI's HRAC, member of BIRS' EDI board and ICERM's board of trustees. He is a co-founder and board member of Spectra, the association for LGBTQ+ mathematicians and their allies. He has well over 35 years of experience as an LGBT rights activist, serving on the boards of organizations such as Equality California, the International Gay and Lesbian Human Rights Commission (now OutRight International) and the Center for Health Justice.

FACULTY CONFERENCE ON RESEARCH AND TEACHING EXCELLENCE

NAM is proud of a successful Faculty Conference on Research and Teaching Excellence (FCRTE). The conference was held on April 14-15 2023 on the beautiful campus of Hampton University. This is the second annual FCRTE conference and it brought together mathematicians from all sub-disciplines to exchange mathematical ideas on teaching pedagogy, emerging research, and the state of mathematics. There were a total of thirteen contributed talks.

The Albert Turner Bharucha-Reid Lecture was held on April 14th. Dr. Ebenezer George delivered the lecture.
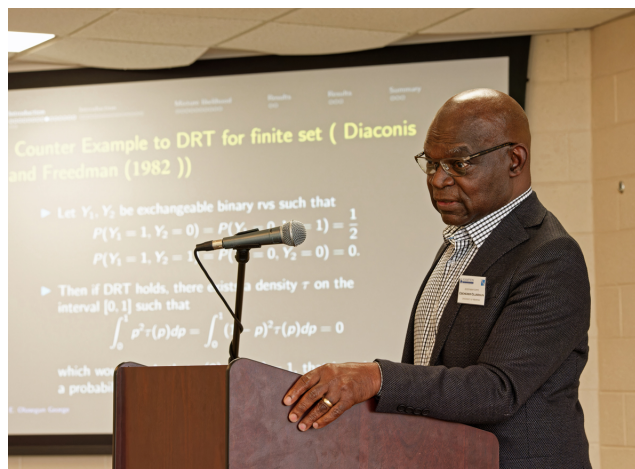
Dr. Ebenezer George delivering the Albert Turner Bharucha-Reid Lecture

A panel discussion addressing the decline in the number of mathematics majors was held on April 15th.

Participants of FCRTE engaging in the conference

NAM would like to thank all of the participants of this extremely fruitful conference.

The Sylvia Bozeman and Rhonda Hughes EDGE Foundation Announces Henok Mawi as the 2023 Karen EDGE Fellow

EDGE News

This article was first published in the EDGE program webpage on May 1, 2023 and is being reprinted by permission of the author.

The EDGE Foundation is delighted to announce Henok Mawi as the 2023 Karen EDGE Fellow. The Karen EDGE Fellowship Program was established with a generous gift from Karen Uhlenbeck on the occasion of her 2019 Abel Prize. The Fellowship is designed to support and enhance the research programs and collaborations of mid-career mathematicians who are members of an underrepresented minority group. The 2023 Fellow was selected on the basis of his excellent contributions to research on geometric optics and optimal transport problems, and his commitment to utilizing research as a tool to increase students' success.

Henok Mawi is an Associate Professor in the Department of Mathematics at Howard University. After completing his undergraduate studies in his country of origin, Ethiopia, he obtained a post graduate diploma from the Abdus Salam International Center for Theoretical Physics in Trieste, Italy. He received his Ph. D. from Temple University, Philadelphia, in 2010 and was a postdoctoral fellow at Mathematical Sciences Research Institute (MSRI) in Spring 2011. He was a plenary speaker for the National Association of Mathematicians (NAM) Claytor-Woodard Lecture during Joint Mathematics Meetings (JMM 2019) and was a recipient of the NAM Award of Appreciation for contributions to scholarly activity.

Mawi's research interests lie in the study of mathematical models that are described as partial differential equations or as optimization problems. Mainly, he studies mathematical problems which stem from geometric optics in relation to design of freeform optical surfaces (lenses with no particular symmetry) that are used to control illumination distribution on a target. He approaches these interdisciplinary problems analytically, by applying Minkowski type geometric arguments to the inherent geometric properties of the problems and methods from optimal transport theory and numerically, by developing convergent algorithms to approximate their solutions.

Mawi highly values his unique role as a faculty member at Howard University, an HBCU (Historically Black Colleges and Universities), and sees his academic endeavors as having a wider influence beyond research as they serve to enhance diversity within the mathematics community. He believes that The Karen EDGE fellowship will strengthen this role by furnishing him and his mentees with the means to attend mathematical conferences, cultivate and sustain collaborations, and advance research related undertakings.

Dr. Mawi plans to use Fellowship funds to participate long-term research workshops and research collaborations. He also plans to support his undergraduate and graduate students' research activities. The EDGE Foundation looks forward to supporting Dr. Mawi's success in research and the ripple effect it will have on his students.

For more information on the Karen EDGE Fellowship, please visit https://www.edge forwomen.org/karen-edge-fellowship-program/.

NAM member Ron Buckmire named 2023 Fellow of SIAM
NAM Newsletter

The National Association of Mathematicians would like to congratulate fellow member, and 2023 MAA-NAM Blackwell Lecturer, Ron Buckmire (Occidental College) on being nominated as a 2023 Fellow of SIAM.

Dr. Buckmire has made it his goal to demonstrate that math is not an exclusive field; he attends to the values of diversity and inclusion throughout his research and publications. He is being recognized by SIAM for broadening participation in mathematics, creating innovative educational materials in applied mathematics, and contributing to the field of finite differences.

Additionally, Dr. Buckmire will serve as the David Harold Blackwell lecturer at the 2023 MAA MathFest in Tampa Florida.
Congratulations Dr. Buckmire!

Read more about all of the fellows at https://sinews.siam.org/Details-Page/siam-announces-class-of-2023-fellows

edge²⁵

MOBILIZING THE POWER OF DIVERSITY

A conference at Bryn Mawr College on the occasion of the 25th Anniversary of the EDGE Program

October 13-14, 2023

This conference will convene community leaders to assess the gains made by diversity initiatives, how those gains fuel innovation and creativity, and the ongoing challenges that remain.

|					
Tai-Danae Bradley	Minerva Cordero	Ingrid Daubechies	Angela Duckworth	Jamie Fiore-Higgins	Melissa Murray
Alejandra Alvarado	Chandra Erdman	Sharon Glenn	Jill Jordan	Omayra Ortega	Jennifer Vasquez
Farrah Ward	Talithia Williams	Erica Graham	Raegan Higgins	Candice Price	Shelby Wilson
Tara Brendle	Diane Campbell	Malena Español	Heather Harrington	Sarah Khasinawah	Emille Lawrence
Raquel Lopez	Alison Marr	Priya Prasad	Ami Radunskaya	Elisa Sheng	Nathan Vierling-Claassen	Ulrica Wilson

Optica
NAM Newsletter

Optica (www.optica.org) is the leading organization for scientists, engineers, business professionals, students, and others interested in the science of optics. Recently, society members interviewed six distinguished African American scientists who have made fundamental contributions to research in optics, mentoring of students, and science management. NAM would like to thank them all for their contributions to the field as well. Here are a few excerpts from the interviews:

William Wilson

(https://www.optica-opn.org/home/newsroom/2023/april/
a-talk-with-william-wilson/)

William Wilson

"What initially got you interested in science?"

I would say from the time I came out of the womb, I've always been completely captured by how stuff works. I started taking stuff apart as soon as I could figure out how to use a screwdriver. And my grandmother, who passed away many years ago, once said she decided that I was bright when I was about four years old and I fixed a toaster. She didn't know that I probably broke the toaster in the first place. [Laughs]

Donnell Walton
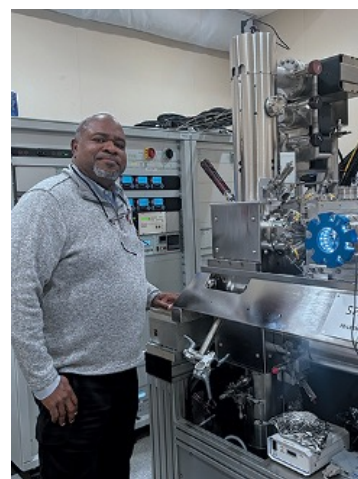
(https://www.optica-opn.org/home/newsroom/2023/
april/a-talk-with-donnell-walton/)

Donnell Walton

"What initially got you interested in pursuing physics?"

I started off being interested in engineering. I was fortunate to get into an introduction to engineering and science program at the Massachusetts Institute of Technology in the summer between my junior and senior year in high school. I was humbled by this experience, and it was tough. A lot of the kids were a lot more prepared than I was. There were students there who had already taken calculus, and I was mystified by an integral sign.

Herbert Winful

(https://www.optica-opn.org/home/newsroom/2023/
   april/a-talk-with-herbert-winful/)

Herbert Winful

"How do you feel your youth in Ghana may have helped to shape your later career?"

I got a wonderful education in Ghana. You know, in high school, we used some of the same textbooks that I found were in use when I came to the US and I started my college education. I had excellent education in physics, chemistry, math, English; I took French. So I think my education in Ghana really, really helped me.

Arlene Maclin

(https://www.optica-opn.org/home/newsroom/2023/
   april/a-talk-with-arlene-maclin/)

Arlene Maclin

"What drew you to nuclear and condensed matter physics?"

I grew up on a farm in Virginia. In high school, I had a fabulous math teacher, who could have been put in the Hidden Figures category. And frankly, I'd always thought that I was going to become a mathematician because I just loved mathematics until I took physics in the 11th grade. The physics course I took was not good. But for the first time, I saw how mathematics was being used. And that's when I made the decision. If I went on to college—I was the first in my family to go to college—I said, I want to do physics. Physics is what I want to do for the rest of my life. And I just happen to have met people in that pathway who facilitated that and made that possible.

Anthony Johnson

(https://www.optica-opn.org/home/newsroom/2023/april/
   a-talk-with-anthony-johnson/)

"Can you talk about what drew you to science and what direction your interests initially took?"

I knew very early on that I wanted to do science; I had chemistry sets and did all kinds of strange things with making gun powder and stuff like that. I didn't know which field of science, but that interest goes back to elementary school.

Anthony Johnson

But in high school, it congealed into physics. I had a very strong physics teacher at Tilden High School in Brooklyn, NY, USA. Unfortunately, I was the only Black student in his class, but he took an interest in me and really made physics interesting. I even went to his alma mater for my undergraduate studies—Polytechnic Institute of Brooklyn, then Polytechnic Institute of New York. I figured I couldn't go wrong if this was someone I really respected.
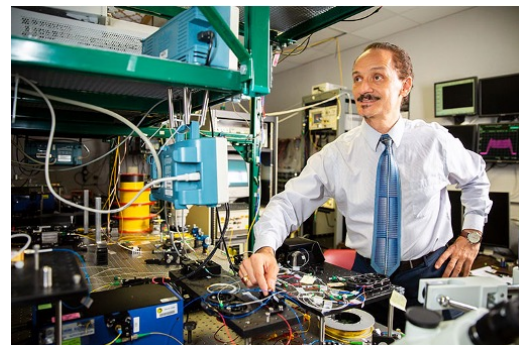
Peter Delfyett

(https://www.optica-opn.org/home/newsroom/2023/
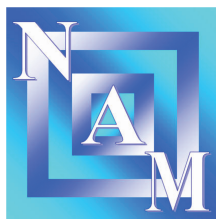   april/a-talk-with-peter-delfyett/)

"Tell us about what drew you to science—some of your early inspirations?"

I think I can go back as far as, probably, when I was in kindergarten. My grandfather would sit me on his knee, and I would read the New York Times to him as an exercise. He would say, "Peter John, come sit here and let's read the science articles in the New York Times."

Peter Delfyett

And what I found sort of fascinating were articles about dinosaurs—as most kids do. So early on I thought I would maybe be a paleontologist. And the reason it was so intriguing was that ... I was a good kid, and would go to the church and go to Sunday school, and we'd learn about Adam and Eve and Noah's Ark. And I was like, "Well, where were the dinosaurs?" As a kid, you ask the hard questions.

TEACHERS COLLEGE PRESS
TEACHERS COLLEGE | COLUMBIA UNIVERSITY

BLACK MALE SUCCESS IN HIGHER EDUCATION

How the **Mathematical Brotherhood EMPOWERS** a Collegiate Community to **THRIVE**

CHRISTOPHER C. JETT

Foreword by Duane Cooper
Afterword by Erica N. Walker
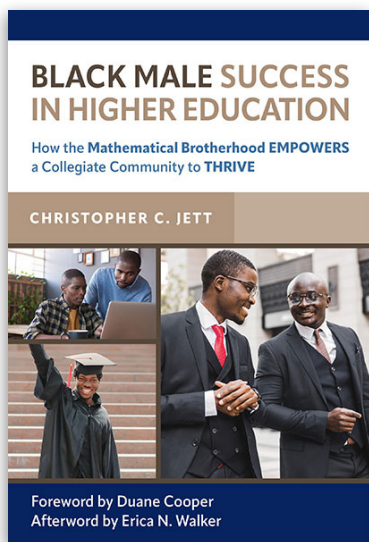
"This book has potential for broad impact, as the insights about these men's development can be useful to educators in grade schools, colleges, and universities and can be replicated in the development of Black boys and men in mathematics, where we remain sorely underrepresented."
> —From the Foreword by **Duane Cooper**, associate professor of mathematics, Morehouse College

"There is much to be learned and, hopefully, put into practice at institutions and departments that recognize the importance of care and real investment in students' potential.… We are fortunate to have heard the mathematical stories told by these wise and thoughtful students, brought to life by this talented scholar."
> —From the Afterword by **Erica N. Walker**, Clifford Brewster Upton Professor of Mathematical Education, Teachers College, Columbia University

Black Male Success in Higher Education

How the Mathematical Brotherhood Empowers a Collegiate Community to Thrive

Christopher C. Jett is an associate professor of mathematics education in the College of Education & Human Development at Georgia State University. He received an NSF CAREER award, the 2019 Association of Mathematics Teacher Educators (AMTE) Early Career Award, and a 2019 Presidential Early Career Award for Scientists and Engineers (PECASE).

Foreword by Duane Cooper / Afterword by Erica N. Walker

For more than 175 years, historically Black colleges and universities (HBCUs) have played a significant role in educating Black students. This book examines the experiences of a cohort of 16 Black male math majors at Morehouse College referred to as "the mathematical brotherhood." Through the lenses of Black masculinity and critical race theory, the author employs an asset-based approach to tell a captivating story about this cohort within a racially affirming learning community. Readers will hear how Morehouse empowers the students, as well as how they navigate and manage ongoing racial challenges, mathematical spaces, and society. Amplifying the voices of the participants, the study showcases the nation's top producer of Black male math majors, extends the knowledge base regarding HBCUs' multigenerational legacy of success, and makes a significant contribution to the growing body of discipline-based education research. The author provides recommendations for families, educators, policymakers, and researchers to improve Black boys' and men's mathematics achievement and academic outcomes.

Book Features:
- Centers Black males' cautionary tales about navigating school and society not only in their college years, but also in their formative years.
- Provides insights regarding Black males' persistence in mathematics.
- Includes ethnographic data that brings a math learning community to life.
- Draws upon race-related frameworks to document Black male success in college.

FOLLOW US:

Research Funding Opportunity: Historically Black Colleges and Universities -Excellence in Research (HBCU-EiR)

Research Funding Opportunity: Historically Black Colleges and Universities - Excellence in Research (HBCU-EiR) NSF PROGRAM SOLICITATION (NSF 23-598) The primary goal of Historically Black Colleges and Universities - Excellence in Research (HBCU-EiR) funding opportunity is to increase support for researchers at HBCUs interested in pursuing research in domains that align with NSF's research program areas. HBCU-EiR is designed to establish stronger connections between researchers at HBCUs and NSF's core research programs. Outcomes from HBCU-EiR support are intended to be leveraged to empower researchers to subsequently apply for disciplinary specific program funding, for example through core divisional solicitations, in the future.

Proposals will undergo merit review by the appropriate research program. Letters of intent are required so that the HBCU-EiR liaison group can facilitate the establishment of appropriate connections between prospective PIs and the most relevant NSF research program(s) prior to proposal submission. **LOIs are due July 13, 2023 and full proposals are due October 17, 2023**. Interdisciplinary proposals are welcome. Follow this link to read more about this NSF program.

Job Openings

ICERM PRIMES Notice

The Institute for Computational and Experimental Research in Mathematics is proud to be an eligible partner in the NSF Division of Mathematical Sciences' Partnerships for Research Innovation in the Mathematical Sciences (PRIMES)! PRIMES is a new funding opportunity to build lasting ties between DMS-supported math research institutes and minority-serving institutions. Eligible HBCUs, HSIs, TCUs, and AAPISIs are invited to submit a proposal nominating a faculty member to serve as a co-Principal Investigator alongside a Director, Associate Director, or equivalent, at one of the eligible partner institutes.

We would like to invite faculty at eligible minority-serving institutions to start the PRIMES process by contacting our Director and applying to participate in one of the following ICERM semester programs: 'Topology and Geometry in Neuroscience' (Fall '23), where leading researchers at the interfaces of topology, geometry and neuroscience will take stock of recent work and outline future directions; 'Numerical PDEs: Analysis, Algorithms, and Data Challenges' (Spring '24), where researchers will discuss the current state-of-the-art and emerging trends

in computational PDEs; 'Theory, Methods, and Applications of Quantitative Phylogenomics' (Fall '24), where mathematicians, statisticians, computer scientists, and experimental biologists will come together to address the challenges involved in genome-scale phylogenetic inference; and 'Geometry of Materials, Packings, and Rigid Frameworks' (Spring '25), where researchers will integrate diverse fields of discrete mathematics, geometry, theoretical computer science, mathematical biology, and statistical and soft matter physics.

Department of Mathematics at Texas State University

The Department of Mathematics at Texas State University is seeking to hire a tenure-track Assistant Professor with a research specialization in Computational Applied Mathematics, Statistics, or a closely related field, starting Fall 2024.

The successful candidate will be expected to establish a strong commitment to high-quality research in computational applied mathematics or statistics. The candidate must also be dedicated to the teaching and mentoring of students at the graduate and undergraduate levels. In addition, the candidate must be actively engaged in service to the department, college, university, and mathematical or statistical community. The starting salary will be commensurate with the candidate's qualifications. All positions are subject to availability of funds.

Required Qualifications:

- An earned doctorate in Mathematics, Applied Mathematics, Statistics, or a closely related field prior to employment.

- Evidence of or potential for research excellence in Computational Applied Mathematics or Statistics. Assessment will focus on recent publications.

- Evidence of or potential for excellence in teaching and mentoring students.

- A strong preparation in mathematics and/or statistics.

- An ability to contribute to departmental missions.

Preferred Qualifications:

- Potential for research collaboration with current faculty.

- Evidence of or potential to obtain external funding.

Applicants must submit the following via https://www.mathjobs.org/jobs/list/22519: Cover letter, AMS cover sheet, current curriculum vitae, all undergraduate and graduate transcripts (unofficial ones are acceptable for initial screening), statement of research agenda, teaching philosophy, and three letters of recommendation with at least one commenting on teaching. To be considered for this position, applicants are also required to submit a current curriculum vitae, cover letter, and unofficial transcripts through the Texas State University website, https://jobs.hr.txstate.edu/postings/42276.

To ensure full consideration, all materials listed above should arrive at the required locations by October 1, 2023. However, we shall continue to accept applications until the position is filled.

The selected candidate will be required to provide official transcripts from all degree-granting universities.

Texas State University is an Equal Employment Opportunity/Affirmative Action Employer.

Texas State University is home to more than 38,000 students and 2,000 faculty members in the growing Austin-San Antonio corridor. A member of the Doctoral Universities: Higher Research Activity Carnegie classification, the university creates new knowledge, fosters cultural and economic development, and prepares its growing population of diverse students for the endless possibilities that await them as citizens of Texas, the nation, and the world. Bolstered by research with relevance and innovation in creative and scholarly work in a full range of academic disciplines and a spirit of inclusiveness, Texas State seeks outstanding candidates for a variety of faculty positions.

Department of Mathematics and Statistics at Hamilton College

The Mathematics and Statistics Department at Hamilton College invites applications for a tenure-track position at the rank of Assistant Professor, beginning July 1, 2024. We seek candidates to teach statistics and machine learning, and to contribute to our newly formed data science program. We also seek candidates who can demonstrate their experience in teaching or working with diverse student populations. Your cover letter should address the ways in which you would further the College's goal of building a diverse and inclusive educational environment. The position requires institutional service including academic advising of undergraduate students after the first year.

Candidates with ABD will be considered, although candidates with a Ph.D. are preferred. The teaching load for this position is four courses during the first year and five courses thereafter. Candidates should submit a cover letter, c.v., teaching statement, research statement, and at least three letters of recommendation (one or more of which focuses on teaching) via https://www.mathjobs.org/jobs/list/22518. Questions regarding the search may be directed to Andrew Dykstra, Search Committee Chair, at adykstra@hamilton.edu. Candidates who will be attending the Joint Statistical Meetings of the American Statistical Association in August, 2023 and who would like to meet with a member of the search committee there to discuss the position are encouraged to contact us. Our review of applications will begin on October 1, 2023.

Hamilton (www.hamilton.edu) is a residential liberal arts college located in upstate New York. Applicants with dual-career considerations can find other Hamilton and nearby academic job listings at https://www.hercjobs.org/regions/higher-ed-careers-upstate-new-york/, as well as additional information at https://www.hamilton.edu/dof/ faculty-development/resources-for-prospective-or-new-faculty/opportunities-for-spouses -or-partners (Opportunities for Spouses or Partners). Hamilton College is an affirmative action, equal opportunity employer and is committed to diversity in all areas of the campus community. Hamilton provides domestic partner benefits. Candidates from underrepresented groups in higher education are especially encouraged to apply.

2024 Summer Research in Mathematics Program (SRiM) at SLMath

The **2024 Summer Research in Mathematics (SRiM) program at the Simons Laufer Mathematical Sciences Institute (SLMath), formerly MSRI**, provides space, funding, and the opportunity for in-person collaboration to small groups of mathematicians with partial results on an established project, 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.

Visits to SLMath in Berkeley, California for the program are expected to take place between June 10 and July 26, 2024. Participants are provided with lodging, meals, and travel expenses; funding to support childcare expenses is also available. **Apply via MathPrograms.org July 1 – Oct. 8, 2023.** More info: **msri.org/summer**

Executive Director

AMERICAN MATHEMATICAL SOCIETY

POSITION

The Trustees of the American Mathematical Society invite applications for the position of Executive Director of the Society. The Executive Director has the opportunity to strongly influence all activities of the Society, as well as the responsibility of overseeing a large and diverse spectrum of people, programs, and publications. **The desired starting date is February 1, 2024.**

DUTIES AND TERMS OF APPOINTMENT

The American Mathematical Society, founded in 1888 to further the interests of mathematical research and scholarship, serves the national and international community through its publications, meetings, advocacy, and other programs. The AMS promotes mathematical research and its communication and uses; encourages and promotes the transmission of mathematical understanding and skills; supports mathematical education at all levels; advances the status of the profession of mathematics, encouraging and facilitating the full participation of all individuals; and fosters an awareness and appreciation of mathematics and its connections to other disciplines and everyday life.

These aims are pursued mainly through an active portfolio of programs, publications, meetings, conferences, and advocacy. The Society is a major publisher of mathematical books and journals, including MathSciNet®, an organizer of numerous meetings and conferences each year, and a sponsor of grants and training programs. The Society's headquarters are located in Providence, Rhode Island, and the Executive Director is based there. The society also maintains a print shop in Pawtucket, Rhode Island; an office in Washington, DC, that houses the Office of Government Relations and the Office of Equity, Diversity, and Inclusion; and an office in Ann Arbor, Michigan, that publishes MathSciNet.

The Executive Director is the principal executive officer of the Society and is responsible for the execution and administration of the policies of the Society as approved by the Board of Trustees and by the Council. The Executive Director is a full-time employee of the Society and is responsible for the operation of the Society's offices in Providence, and Pawtucket, RI; Ann Arbor, MI; and Washington, DC. The Executive Director attends meetings of the Board of Trustees, the Council, and the Executive Committee, is an ex-officio (nonvoting) member of the policy committees of the Society, and is often called upon to represent the Society in its dealings with other scientific and scholarly bodies.

The Society employs a staff of over 200 in the four offices. The directors of the various divisions report directly to the Executive Director. Information about the operations and finances of the Society can be found in its Annual Reports, available at www.ams.org/annual-reports.

The Executive Director is appointed by and serves at the pleasure of the Trustees. The terms of appointment, salary, and benefits will be consistent with the nature and responsibilities of the position and will be determined by mutual agreement between the Trustees and the prospective appointee.

DESIRED QUALIFICATIONS

The successful candidate must be a leader, and we seek candidates who additionally have as many as possible of the following:

- A doctoral degree (or equivalent) in mathematics or a closely related field.
- Substantial experience and demonstrated visibility as a professional mathematician in academic, industrial, or governmental employment, with success in obtaining and administering grants.
- Extensive knowledge of the Society, the mathematics profession, and related disciplines and organizations, with a thorough understanding of the mission that guides the Society.
- Excellent communication skills, both written and oral, and an enthusiasm for public outreach.
- Demonstrated sustained commitment to diverse, inclusive, and equitable organizational environments and substantial experience in advancing equity, diversity, and inclusion priorities in the mathematical community.
- Demonstrated leadership ability supported by strong organizational and managerial skills.
- Familiarity with the mathematical community and its needs, and an ability to work effectively with mathematicians and nonmathematicians.
- Strong interest in engaging in fundraising and enjoyment of social interactions.

APPLICATIONS PROCESS

A search committee co-chaired by **Joseph Silverman** (joseph_silverman@brown.edu) and **Bryna Kra** (kra@math.northwestern.edu) has been formed to seek and review applications. All communication with the committee will be held in confidence. Suggestions of suitable candidates are most welcome.

Applicants should submit a CV and a letter of interest on MathJobs. The letter should be at most four pages, explaining your interest in being the Executive Director of the AMS and why you consider yourself to be a compelling candidate. The majority of the letter should discuss your major accomplishments and experiences that illustrate your leadership philosophy and address the desired qualifications for the position. **Applications received by September 15, 2023 will receive full consideration.**

AMERICAN MATHEMATICAL SOCIETY

Advancing research. Creating connections.

The AMS supports equality of opportunity and treatment for all participants, regardless of gender, gender identity or expression, race, color, national or ethnic origin, religion or religious belief, age, marital status, sexual orientation, disabilities, veteran status, or immigration status.

Register for 2023-24 Workshops
MSRI / SLMath: Berkeley, California

The Simons Laufer Mathematical Sciences Institute (SLMath, formerly MSRI) invites registration for the Institute's 2023–24 workshops. All workshops are free of charge; funding for travel and childcare support is available as well as a nursing room for parents on site. For full workshop listings and details: **msri.org/workshops**.

- *Connections Workshops* are open to all, introducing a program's themes and new directions in research, showcasing the work of women in the field, and connecting early-career researchers to potential senior mentors.
- *Introductory Workshops* provide researchers at all levels with an accessible overview of the goals, ideas, and techniques of the Institute's research programs.

MATHEMATICS AND COMPUTER SCIENCE OF MARKET AND MECHANISM DESIGN

CONNECTIONS WORKSHOP: SEPT. 7–8, 2023
- Organizers: Michal Feldman (Tel-Aviv U.), Nicole Immorlica* (Microsoft Research)

INTRODUCTORY WORKSHOP: SEPT. 11–15, 2023
- Organizers: Scott Kominers (Harvard Business School), Paul Milgrom (Stanford U.), Alvin Roth (Stanford U.), Eva Tardos (Cornell U.)

ALGORITHMS, FAIRNESS, AND EQUITY

CONNECTIONS WORKSHOP: AUG. 24–25, 2023
- Organizers: Vincent Conitzer (Carnegie Mellon U.), Rachel Cummings* (Columbia U.), Ana-Andreea Stoica (UC Berkeley)

INTRODUCTORY WORKSHOP: AUG. 28 – SEPT. 1, 2023
- Organizers: Vincent Conitzer (Carnegie Mellon U.), Moon Duchin* (Tufts U.), Wesley Pegden (Carnegie Mellon U.), Dana Randall (Georgia Institute of Tech.), Soledad Villar* (Johns Hopkins U.)

COMMUTATIVE ALGEBRA

CONNECTIONS WORKSHOP: JAN. 18–19, 2024
- Organizers: Christine Berkesch (U. of Minnesota, Twin Cities), Louiza Fouli (New Mexico State U.), Maria Evelina Rossi (Università di Genova), Alexandra Seceleanu* (U. of Nebraska)

INTRODUCTORY WORKSHOP: JAN. 22–26, 2024
- Organizers: Srikanth Iyengar (U. of Utah), Claudia Miller (Syracuse U.), Claudia Polini (U. of Notre Dame), Anurag Singh* (U. of Utah)

NONCOMMUTATIVE ALGEBRAIC GEOMETRY

CONNECTIONS WORKSHOP: FEB 1–2, 2024
- Organizers: Rina Anno (Kansas State U.), Elizabeth Gasparim (Universidad Católica del Norte), Alice Rizzardo* (U. of Liverpool)

INTRODUCTORY WORKSHOP: FEB. 5–9, 2024
- Organizers: Nicolas Addington (U. of Oregon), David Favero, Wendy Lowen (Universiteit Antwerp), Alice Rizzardo (U. of Liverpool)

msri.org/workshops

Women, gender-expansive individuals, minorities, mathematicians not located at research centers, recent PhDs, and graduate students are encouraged to apply for funding to attend SLMath workshops. MSRI, now becoming SLMath, is supported by the National Science Foundation, joined by the National Security Agency, over 100 Academic Sponsor departments, by a range of private foundations, and by generous and farsighted individuals.

NAM Board of Directors

President
Dr. Omayra Ortega
Sonoma State University
president@nam-math.org

Vice President
Dr. Torina Lewis
American Mathematical Society
vice-president@nam-math.org

Secretary
Dr. Dandrielle Lewis
High Point University
secretary@nam-math.org

Treasurer
Dr. Cory Colbert
Washington & Lee University
treasurer@nam-math.org

Executive Director
Dr. Aris Winger
Georgia Gwinnett College
executive-director@nam-math.org

Region A Member
Dr. Chinenye O. Ofodile
Albany State University
region-a-member@nam-math.org

Region B Member
Dr. Terrence Blackman
Medgar Evers College, CUNY
region-b-member@nam-math.org

Region C Member
Dr. Brittany Mosby
Tennessee Higher Education Commission
region-c-member@nam-math.org

Majority Institution Member
Dr. Robin Wilson
Cal Poly Pomona
majority-institution-member@nam-math.org

Outside of Academia Member
Dr. Brett Jefferson
Pacific Northwest National Laboratory
outside-academia-member@nam-math.org

Community College Member
Dr. Alvina Atkinson
Georgia Gwinnett College
community-member@nam-math.org

Editor
Dr. Zerotti Woods
The Johns Hopkins Applied Physics Laboratory
editor@nam-math.org

Executive Secretary Emeritus
Dr. Johnny L. Houston
Elizabeth City State University
jlhouston602@gmail.com

Region A **Southeast/West**	**Region B** **Mid-Atlantic**	**Region C** **Midwest/Southwest**
Alabama	Delaware	Arkansas
Georgia	District of Columbia	Louisiana
South Carolina	Kentucky	Missouri
Florida	Maryland	Oklahoma
Virgin Islands	New Jersey	Illinois
Puerto Rico	New York	Ohio
California	North Carolina	Mississippi
Montana	Pennsylvania	Tennessee
Any state not in B or C	Virginia	Texas
	West Virginia	

Summer 2023