NATIONAL ASSOCIATION OF MATHEMATICIANS

NEWSLETTER

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DR. DAWN LOTT GIVES THE 2022 BARUCHA-REID LECTURE AT FCRTE

Dr. Dawn Lott (Delaware STate University) gave the 2022 Barucha-Reid Lecture held on the beautiful campus of Norfolk State University in Norfolk, VA.

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

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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.

NAM's National Office, subscriptions and membership: National Association of Mathematicians, 2870 Peachtree Rd NW #915-8152, Atlanta, GA 30305; e-mail: info@nam-math.org.

NAM's Official Webpage: http://www.nam-math.org

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. Chinenye Ofodile via e-mail to editor@nam-math.org.

NAM Needs YOU!

TO BE THE NEXT NAM NEWSLETTER EDITOR

The Editor is an appointed Board position and responsible for producing NAM's quarterly newsletter. Responsibilites include editing, receiving and soliciting all articles and advertisements for each newsletter and overseeing the Publications & Publicity Committee. Editor appointments are for three years.

If interested, please send an email 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 to the editor at `editor@nam-math.org`. You can find more information at the web page

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

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
B. One-third page	$300
C. One-half page	$400

D. Two-thirds page	$500
E. Three-fourths page	$600
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**
Spring	February 13
Summer	May 13

Edition	**Deadline**
Fall	August 13
Winter	November 13

Advertisements should be submitted electronically to the editor at `editor@nam-math.org`.

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.

Revised 11/19

NAM 2023 Elections

The following positions will be up for election this coming Fall 2022/Winter 2023

Treasurer

The Treasuer is the Chairperson of the Finance Committee. According to the NAM By-Laws, "The Treasurer has oversight of the financial affairs of the Corporation, is responsible for the Corporation's financial Assets, and shall Chair the Finance Committee She/he shall keep the books of accounts of the Corporation, shall have the primary custody and control of all the monies of the Corporation and shall deposit the same in such banks or other financial institutions as may be designated by the Board.

Secretary

The Secretary is the Vice-Chairperson of the Region A Activity Committee. According to the NAM By-Laws, "The Secretary shall keep the minutes of all meetings of the Board of Directors and the Corporation, and shall maintain and keep the official records of the Board of Directors/Corporation."

Community College Representative

The Community College Member is the Chairperson of the Membership Committee, and is the Vice-Chairperson of the Region C Activity Committee. According to the NAM By-Laws, "This Committee has the responsibility for keeping the membership of NAM viable. This Committee is to develop proper forms for membership applications, for acknowledging the receipt of membership dues (membership cards), for informing and reminding persons that their dues are in the rear.

Region C Representative

The Region C Rep. is the Chairperson of the Region C Activity Committee, and is the vice chair of the Programs Committee. This Representative serves as a liaison for the promotion and facilitation of NAM's activities and affairs in Region C (Midwest/Southwest) which consists of Arkansas, Illinois, Louisiana, Missouri, Mississippi, Ohio, Oklahoma, Tennessee, and Texas.

Submit all nominations by September 9, 2022 to: Dr. Robin WIlson at majority-institution-member@nam-math.org

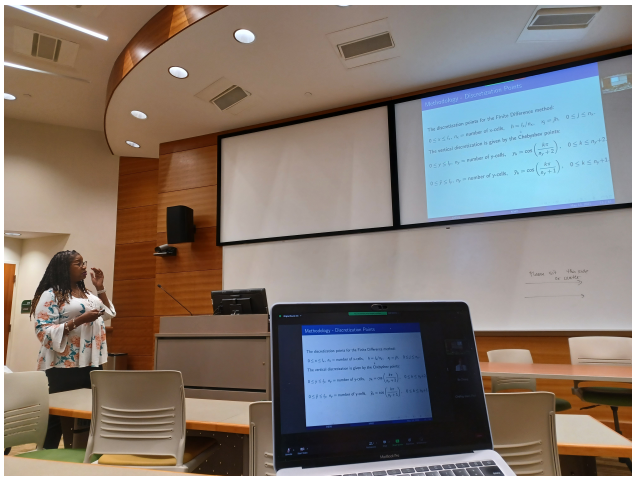
2022 Faculty Conference on Research and Teaching Excellence

by Omayra Ortega

The National Association of Mathematicians (NAM) has four meetings every year: the Joint Mathematics Meetings in the Winter, the Regional Faculty Conference on Research and Teaching Excellence (FCRTE) in the Spring, the MAA MathFest in Late Summer, and the NAM MATHFest in the Fall. FCRTE is a two-day meeting, which rotates around the country based on NAM's regional structure and is typically hosted at an Historically Black College or University (HBCU).

This year, the 2022 NAM Faculty Conference in Research and Teaching Excellence (FCRTE) was hosted by Norfolk State University in Norfolk, VA from May 13-14, 2022. Dr. Rhonda Fitzgerald was the main organizer, serving as both the NAM Programming Committee chair and the local host.

The event was opened by Dr. Anne Fernando, Chair fo the Math Department at Norfolk State University, Dr. Omayra Ortega, NAM President, and Dr. Rhonda Fitzgerald, former NAM Vice-President. This welcome was followed by the 2022 Albert Turner Bharucha-Reid Lecture given by past NAM Vice-President, Dr. Dawn Lott of Delaware State University. Her talk was titled, *A Hybrid Finite-Difference-Chebyshev Psuedo-Spectral Method for the Approximation of Magnetohydrodynamics Stokes Flow Around a Magnetic Obstacle.*



Dr. Dawn Lott

There were several talks given by faculty on the first day of the meeting, listed below.

- Cory Colbert (Washington and Lee University) *Structural Invariants for Certain Noetherian Partial Orders*
- Terrence Blackman (Medgar Evers College, CUNY) *Optimal Super Golden Gates for PU(2)*
- Akiil Parker (All This Math) *Bridging the Gap: K-12 Math to Graduate Math*
- Evelyn Thomas (Norfolk State University) *Modeling the Effects of Media Coverage on the Covid-19 Transmission Dynamics*
- Oyita Udiani (Virginia Commuwealth University) *Fostering Beneficial Social Contracts in College Mathematics*
- Jemal Mohammed-Awel (Morgan State University) *Mathematical Assessment of the Role of Mosquito Insecticide Resistance on Malaria Dynamics: Genetic-Epidemiology Modeling Approach*

- Dennis Davenport (Howard University) *MAA's NREUP and Howard's REU+ Program*

The first day of the 2022 FCRTE concluded with a banquet hosted at the Norfolk State University Student Center.

The following day, Saturday May 14, 2022, consisted, primarily, of a full morning of talks, listed below.

- Julian Allagan (Elizabeth City State University) *Dominion of Some Graphs*
- Arun Verma (Hampton University) *Using ClassAct to Align Student Intended Learning Outcomes with Course Program*
- Cherng-tiao Perng (Norfolk State University) *Real Analysis IS ABC*
- Prince Wells III (Southern Illinois University at Edwardsville) *The Common Nature of Space and Time* - virtual talk
- Anna Harris (University of California at San Francisco) *Calculus Evidence-Based Instructions, Engage Students and Enhance Student's Learning* - virtual talk
- Ron Buckmire (Occidental College) *A Retrospective Look on the 2021 Math and Racial Justice Workshop* - virtual talk
- Bo Zhang (OFayetteville State University) *Fractional Differential Equations, Stability and Perturbations* - virtual talk

The faculty talks were engaging and well received. All organizers were pleased with how well in-person and virtual participants were able to interact. A huge thanks to Norfolk State IT!

A Faculty Panel titled, *Moving Forward with Lessons Learned Post-Covid*, followed the faculty talks. The panelists included Dr. Arun Verma (Department Chair, Hampton University), Julian Allagan (Elizabeth City State University), Terrence Blackman (Dean School of Science, Health & Technology, Medgar Evers College, CUNY), and Dandrielle Lewis (Department Chair, High Point University). Dr. Rhonda Fitzgerald moderated. The panelists shared the unique issues they have experienced since the pandemic began in 2020 and shared solutions. A common theme was the need for flexibility and creativity while balancing the new and emerging needs of students, staff, and faculty.

Omayra Ortega *Omayra Ortega is the President of the National Association of Mathematicians. She can be reached at* `mailto:president@nam-math.org`. □

Ryan Hynd Receives 2022–2023 Claytor-Gilmer Fellowship

AMS Communications Department

This article first appeared online at https://www.ams.org/news/ on February 28, 2022 and is being reprinted by the permission of the author.

Ryan Hynd, an associate professor of mathematics at the University of Pennsylvania, has been awarded the AMS Claytor-Gilmer Fellowship for the 2022–2023 academic year.

Hynd researches partial differential equations arising in mathematical models for fluid mechanics, control theory, and finance, as well as eigenvalue problems. During his fellowship year, he will visit the Mittag-Leffler Institute in Sweden for collaborations in the fall and continue consulting with various mathematicians in the spring. He will investigate the Blaschke-Lebesgue problem, seeking to characterize minimum-volume bodies of constant width. "This has been an outstanding problem in convex geometry for a number of years," Hynd said. "My current hunch is that a time-dependent flow can be used to deform shapes in a way that leads to some new insight."

Hynd earned his PhD in 2010 from the University of California, Berkeley, advised by Craig Evans. After a postdoc at the Courant Institute of Mathematical Sciences at New York University, Hynd joined the Penn faculty in 2012. In 2016–2017 he was a Dr. Martin Luther King, Jr. Visiting Assistant Professor at the Massachusetts Institute of Technology.

The AMS Claytor-Gilmer Fellowship was established to further excellence in mathematics research and to help generate wider and sustained participation by Black mathematicians. Recipients are recognized for their achievements as well as their significant potential for further contributions to mathematics.

"Gloria Ford Gilmer and William Schieffelin Claytor are both mathematicians whose efforts helped pave the way for someone like me. I think the work they did early in their careers is an indication that men and women from all walks of life can do mathematics at a high level," said Hynd. "I'm also especially proud of their accom-

plishments as they both earned graduate degrees in my department. In fact, we have a permanent exhibit highlighting Claytor's PhD thesis and the professional struggles he later encountered."

Receiving the fellowship named for Claytor and Gilmer is "a tremendous honor," Hynd said. "It's wonderful that the AMS has dedicated a fellowship in their honor, and I'm thrilled to be a Claytor-Gilmer Fellow for the upcoming academic year."

In addition to his outstanding research, Hynd is a passionate teacher dedicated to promoting diversity in STEM. He helped create and coordinate the Bridge to PhD program at Penn, and he was a research leader for the 2020 African Diaspora Joint Mathematics Workshop (ADJOINT).

About the Fellowship

The AMS Claytor-Gilmer Fellowship aims to further excellence in mathematics research and to help generate wider and sustained participation by Black mathematicians. Awardees may use the fellowship in any way that most effectively enables their research–for instance, for release time, participation in research programs, travel support, childcare, etc. The most likely awardee is a mid-career Black mathematician based at a US institution whose achievements demonstrate significant potential for further contributions to mathematics. The fellowship is named for Dr. William Schieffelin Claytor, the first African American man to publish a research article in a peer-reviewed mathematics journal, and Dr. Gloria Ford Gilmer, the first African American woman to publish a research article in a peer-reviewed mathematics journal.

For more information on the ***AMS Claytor-Gilmer Fellowship****, visit* ***https://www.ams.org/programs/ams-fellowships/claytor-gilmer/*** □

NAM Programs at the 2023 Joint Mathematical Meetings

NAM-SIAM Special Session on Quantitative Justice, Wednesday & Saturday (1/4 \& 1/7) 8:00am-11:00am each day

Claytor-Woodard Lecture, Thursday (1/6) 2:40 PM - 3:40 PM

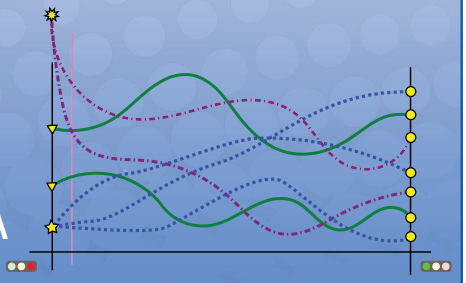
Haynes-Granville-Brown Session, Friday (1/6) 1:00 PM - 5:00 PM

Cox-Talbot Address, Friday (1/9) 1:00 PM - 1:50 PM

NAM Business Meeting, Saturday (1/9) 11:15 AM - 12:15 PM

AMS Short Course

Polynomial systems, homotopy continuation and applications



January 2–3, 2023 | Boston, MA

in conjunction with the Joint Mathematics Meetings

Organized by:
Timothy Duff, *University of Washington* and Margaret Regan, *Duke University*

Speakers include Silivana Amethyst, *University of Wisconsin, Eau Claire*; Jonathan Hauenstein, *University of Notre Dame*; Anton Leykin, *Georgia Institute of Technology*; Julia Lindberg, *Max Planck Institute*; Mark Plecnik, *University of Notre Dame*; Jose I. Rodriquez, *University of Wisconsin, Madison*

This two-day, in-person short course will offer an introduction to the theory of polynomial systems, homotopy continuation, and their applications.

Systems of multivariate polynomial equations are ubiquitous throughout mathematics and neighboring scientific fields such as kinematics, computer vision, power flow systems, and more. Numerical homotopy continuation methods are a fundamental technique for both solving these polynomial systems and determining more refined information about their structure. A research community has blossomed around the subject, with important work on both basic methods and applications.

The American Mathematical Society's Short Courses connect mathematicians and students to emerging areas of applied mathematics. Short Courses are designed to introduce individuals to new topics, fueling the participant's curiosity, discovery, or research.

AMS American Mathematical Society
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Learn more and register:
www.ams.org/short-course

Winding Path Leads Ph.D. Mathematics Student Jakini Kauba to Clemson

Clemson News - College of Science

This article first appeared online at https://news.clemson.edu/winding-path-leads-ph-d-mathematics-student-jakini-kauba-to-clemson/ on July 29, 2022 and is being reprinted by the permission of the author.

Mathematics has always been Jakini Kauba's first love. But like many long-term relationships, there was a time when she and her favorite subject broke up.

When she took an upper-level math class as a North Carolina State University sophomore, she experienced a family emergency. A professor responded by encouraging her to prioritize her classes over her family's needs.

"I decided that if that was how math was going to be, if I was expected to prioritize my work over my loved ones, then I didn't want to do it," Kauba said.

She switched her major to biological sciences with plans to go to medical school and become a psychiatrist instead. But late in her senior year, she learned medical students spend years training in various medical fields before choosing a specialty. Knowing she didn't want to go into any other medical field, she decided instead to pursue a master's degree in counseling from North Carolina Agricultural and Technical State University.

"My internship was amazing. I loved the work. I loved the clients. It was incredibly rewarding work," she said.

Missing math

But she missed math.

She bought a couple of textbooks to "scratch the itch." That wasn't enough. She contacted the University of North Carolina Greensboro to inquire about undergraduate math classes. They told her she could earn another degree in two semesters because of her credits from N.C. State. Kauba enrolled and eventually earned both a bachelor's and a master's in mathematics.

"I tell everyone I'm back with my first love. And I think this time, we've got it together, and we're going to get married and

live a happy life now that we understand each other a little better," she said.

Now, she's headed to Clemson to pursue her Ph.D. in mathematics under Keisha Cook, an assistant professor in the College of Science's School of Mathematical and Statistical Sciences, thanks to STEM All In.

Supposed to be here

As part of the program, prospective graduate students can meet with faculty, students and staff. A major goal of STEM All In is to increase the number of students from underrepresented groups in STEM.

Kauba attended STEM All In primarily to learn about fellowships to use as a negotiation tool with the University of North Carolina Charlotte where she planned to enroll.

Instead, she found the place she was meant to be.

"I'm supposed to be here. Everything just lined up for me to come to Clemson, and I couldn't be more excited," said Kauba, who plans to become a professor conducting mathematical research on social justice issues and mentoring both undergraduate and graduate students. Eventually, she wants to become a department chair, dean or chancellor of a four-year university.

The Clemson News *is the go-to source for stories and news about the innovations, research and accomplishments of the Clemson Family. For more information about this article, or to connect with the author or another expert, please email* ***news@clemson.edu*** □

2022 AWM Presidential Recognition Award Is Presented to Mathematically Gifted and Black

AWM Newsletter

This article first appeared online at https://awm-math.org/awards/awm-presidential-award/ on August 10, 2022 and is being reprinted by the permission of the author.

The 2022 Association for Women in Mathematics Presidential Recognition Award was presented to the founders of Mathematically Gifted & Black, Erica Graham (Bryn Mawr), Raegan Higgins (Texas Tech), Candice Price (Smith College), and Shelby Wilson (Johns Hopkins) on June 18 at the AWM Research Symposium held at the University of Minnesota.

Citation. The website Mathematically Gifted and Black (MGB), founded in 2016, highlights 28 living Black mathematicians each year during Black History month. The honorees are featured on the website with a photo and their responses to questions

about their lives and mathematical interests. The first-person storytelling and the frequent contextualization of math in terms of a full life experience make each of these contributions a small treasure trove of insight and inspiration. Honorees' expertise ranges from K-12 education to government and industry to highly technical research mathematics, reflecting a broad and inclusive definition of who is a mathematician that the rest of the math community would benefit from emulating.

As of today, MGB offers almost 200 mathematical role models for the Black community and provides abundant stories of Black excellence in math and in life. MGB also offers a tremendous resource to the broader math community, both for historical documentation and as a useful reference. AWM has relied on MGB in our work, to find speakers and panelists, to identify potential editors for our new research journal, and to expand the scope of research group leaders and participants in research networks beyond "who the organizers know." It also provides content for our social media streams, as we regularly retweet the MGB account when they feature women. Today, we honor MGB for its excellence in highlighting the excellence of others.

Response from the MGB founders. We are pleased to receive the 2022 AWM Presidential Recognition Award. As the founders and directors of Mathematically Gifted and Black, we appreciate AWM's acknowledgement of the impact our work has on increasing the visibility of historically and systemically excluded individuals in the mathematical sciences. We are committed to continuing this valuable work.

The AWM Newsletter *is a publication of the Association for Women in Mathematics (AWM). For more information about the AWM Presidential Recognition Awards visit* ***https://awm-math.org/awards/awm-presidential-award/*** *or email* ***awm@awm-math.org*** □

Historic 2022 NSF INCLUDES grant for HBCU to establish the National Data Science Alliance

by Salvador Ochoa Zavalza

Clark Atlanta University (CAU) was awarded one of the four grants of the 2022 National Science Foundation (NSF) INCLUDES program to create the National Data Science Alliance (NDSA). With that, CAU made history in becoming the first Historically Black College and University (HBCU) to ever receive one of the $10 million award from NSF INCLUDES program.

The prestigious NSF INCLUDES program has the objective of putting in motion "'Big Ideas' that represent unique opportunities to position our Nation at the cutting edge of global science and engineering leadership", according to the NSF News website. At the same time, the award focuses in creating a diverse environment in research. This program paves the way for collaboration in an inclusive matter within STEM fields, and in return gives a clear representation of our diverse nation.

The successful Dr. Talitha Washington, who is the Principal Investigator of this grant, expresses her excitement to work with many HBCUs to develop novel equity-based discoveries that address ethics and bias issues in data science research. Throughout the years, Dr. Washington has been vocal regarding HBCUs being key to the production of mathematicians of African descent who are trained in data science. With the help of this grant, Dr. Washington and her colleagues will enact the goals from the NDSA which are to expand data science research that advocates for social justice and to create a path that advances equity for all using the novel data science findings.

PRNewswire estimates that the establishment of the NDSA will increase the amount of research in data science and achieve at least 20,000 new credentials for Black people in the next five years. This represents a major impact considering how on average, 3% of all Data Scientists professionals are Black or African American.

Salvador Ochoa Zavalza *is the Student Editor Intern of the National Association of Mathematicians. He can be reached at* ***ochoazavas@sonoma.edu*** □

2022 NAM Undergraduate MATHFest

SAVE THE DATE
SEPT 23-25, 2022

HOSTED BY
MORGAN STATE UNIVERSITY

NAM'S UNDERGRADUATE MATHFEST IS A THREE-DAY MEETING, HELD ANNUALLY TO ENCOURAGE STUDENTS TO PURSUE ADVANCED DEGREES IN MATHEMATICS AND MATHEMATICS EDUCATION.

THE CONFERENCE IS FOCUSED ON UNDERGRADS FROM HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCUS), ALTHOUGH ALL ARE WELCOME TO ATTEND.

TO BE HELD IN BEAUTIFUL BALTIMORE MARYLAND

FUNDING AVAILABLE FOR TRAVEL*

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HTTPS://NAM-MATHFEST2022.EVENTBRITE.COM

- Limited funding for travel and lodging available for students and for faculty members bringing students to this meeting

FOR MORE INFORMATION CONTACT: VICE-PRESIDENT@NAM-MATH.ORG

Howard University Mourns the Loss of Abdul-Aziz Yakubu

by Wayne A. I. Frederick

This letter was originally shared with the Howard University community. We are additionally sharing this letter with the NAM community as Dr . Yakubu was a cherished long-time member of NAM and will be sorely missed

August 17, 2022

Dear Howard University Community,

I am deeply saddened to inform you that Abdul-Aziz Yakubu, Ph.D., a longtime faculty member in Howard's Department of Mathematics, died this weekend.

While his expertise lay in the field of mathematics, Yakubu was passionate about applying that knowledge to enhance the world and improve the lives of people across the globe. His research in mathematical biology focused on the control and prevention of infectious diseases.

Originally from Ghana, Yakubu received a bachelor's in mathematics and computer science from the University of Ghana in 1982, a master's in applied mathematics from the University of Toledo in 1985 and a Ph.D. from North Carolina State University in 1990. He was a faculty member at Howard for more than 20 years and served as department chair from 2004-2014. Throughout his academic career, he was committed to acquiring knowledge and to sharing it by publishing his research widely in leading publications. He also held positions at other research and higher education institutions, including Cornell University, North Carolina State University, the Ohio State University, and Botswana International University of Science and Technology.

Yakubu was also a devoted mentor, particularly to people of color as he championed greater diversity and inclusion in the field of mathematics. He helped direct seven mathematics Ph.D. students during his career, all of whom belonged to underrepresented communities.

In many facets of his professional career and his personal life, Yakubu lived by Howard University's foundational principles. As interested as he was in mathematics, he was more interested in the world outside the classroom and understood how his knowledge could be used for good. And as an influential person in his field, he understood how he was positioned to reach back to pull others forward, to give oppor-

tunity to those who might otherwise have been overlooked and underserved.

Throughout my career at Howard, as a faculty member and as president, Yakubu has always been a kind friend and a sage colleague. I have always admired the gentleness of his spirit and how he exemplifies the essence of our University: to amplify the humanity of others.

Let us direct our thoughts to his family as they grieve his passing.

Excellence in Truth and Service,

Wayne A. I. Frederick, M.D., MBA Charles R. Drew Professor of Surgery President

Wayne A. I. Frederick *is the President of Howard University and the Charles R. Drew Professor of Surgery. He can be reached through the Howard Office of Communications at* ***ouc@howard.edu*** □

Job Openings

University of Nebraska-Lincoln (UNL) – Mathematics Department

THE MATHEMATICS DEPARTMENT AT THE UNIVERSITY OF NEBRASKA-LINCOLN (UNL) invites applications for a tenure-track Assistant Professor in mathematics education, starting August 2023. Applicants must have a Ph.D. in mathematics, mathematics education, or a closely related field, or anticipate receiving their degree by August 2023.

The successful candidate will demonstrate their potential for excellence in mathematics education research and mathematics teaching. They will also demonstrate a commitment to diversity and inclusion. Preference will be given to candidates whose research interests (i) include the mathematical education of elementary teachers with attention to equity and (ii) will complement and extend that of the department's mathematics education group. Application packets should include a letter of application, a CV, separate statements addressing research and teaching, and the names of at least three references. At least one letter of reference should address teaching.

Application packets and letters of reference should be submitted via mathjobs.org and applicants must also complete UNL's Faculty/Administrative application at `https://employment.unl.edu`, requisition F_220133. Review of applications will begin October 20, 2022 and continue until the position is filled. As an EO/AA employer, qualified applicants are considered for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See `https://www.unl.edu/equity/notice-nondiscrimination`.

University of Nebraska-Lincoln (UNL) – Mathematics Department

THE MATHEMATICS DEPARTMENT AT THE UNIVERSITY OF NEBRASKA (UNL) invites applications for a tenure-track position in Partial Differential Equations (PDE), starting August 2023. Successful candidates will have a Ph.D. in mathematics, a demonstrated potential for excellence in mathematics research and teaching, and a commitment to inclusion and diversity. Preference will be given to candidates with expertise in theoretical and applied aspects of PDEs that complement and extend the research strengths of the department's PDE group.

Applicants should submit a letter of application, a CV, separate statements addressing research and teaching, and the names of at least three references. At least one letter of reference should address teaching experience. Both application packets and letters of reference should be submitted via mathjobs.org. In addition, to be considered for the position, applicants must also complete the Faculty/Administrative application at `https://employment.unl.edu`, requisition F_220132. Review of applications will begin October 12, 2022 and continue until the position is filled.

As an EO/AA employer, qualified applicants are considered for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation

Spelman College - Department of Mathematics

The Department of Mathematics at Spelman College invites applications for two tenure-track faculty positions to begin August 2023: one at the assistant professor level and one at the assistant or associate professor level. While all areas of mathematics and statistics will be considered, at least one of the two positions is designated to be in applied and/or computational mathematics or statistics. The rank of associate professor will only be considered for highly qualified candidates with demonstrated expertise and/or leadership experience in data science research and curricular initiatives. We seek outstanding teacher/scholars dedicated to excellence in the mathematical sciences. This appointment requires teaching, engaging in scholarly research activities, mentoring, and directing undergraduate research. Candidates with a background in applied mathematics and a demonstrated commitment to working with women and underrepresented minority students through teaching, mentoring, and research are especially encouraged to apply. Review of applications will begin on December 1, 2022, and will continue until the positions are filled. Required qualifications include (1) a Ph.D. in the mathematical sciences or statistics by July 2023, (2) demonstrated potential for excellence in research

and teaching, and (3) demonstrated understanding of the importance of diversity, equity, and inclusiveness in the mathematics community. To find more information and apply, visit `https://spelman.peopleadmin.com/postings/4420`.

Grinnell College – Department of Mathematics and Statistics

Grinnell College Department of Mathematics & Statistics invites applications for two tenure-track appointments in any area of mathematics (pure or applied) beginning Fall 2023. The successful candidate may, if applicable, be designated as a Clare Boothe Luce Professor. The department is expanding with the goal of offering an enhanced and diverse curriculum that includes innovative and inclusive pedagogies. Our engaged and diverse majors go on to a wide variety of professions as well as graduate school in various fields. Full consideration will be given to applications completed by October 24, 2022. For more information and to apply, visit: `http://apply.interfolio.com/111557`

Brown University - Mathematics Department

J. D. Tamarkin Assistant Professorship: One or more three-year non-tenured non-renewable appointments, beginning July 1, 2023. The teaching load is one course one semester, and two courses the other semester and consists of courses of more than routine interest. Candidates are required to have received a Ph.D. degree or equivalent by the start of their appointment, and they may have up to three years of prior academic and/or postdoctoral research experience. Applicants should have a strong research potential, demonstrated excellence in teaching, and a commitment to building a diverse and inclusive community in Mathematics. Field of research should be consonant with the current research interests of the department.

For full consideration, applicants must submit a curriculum vitae, an AMS Standard Cover Sheet, at least three letters of recommendation primarily focused on research, and one letter addressing teaching by November 18, 2022. Applicants are required to identify a Brown faculty member with similar research interests. The cover letter should address the applicant's commitment to diversity in terms of teaching, research, and activities in the math community, OR applicants may attach a diversity statement if desired. (Later applications will be reviewed to the extent possible.) Please submit all application materials online at `http://www.mathjobs.org`.

Brown University is committed to fostering a diverse and inclusive academic global community; as an EEO/AA employer, Brown considers applicants for employment without regard to, and does not discriminate on the basis of, gender, race, protected veteran status, disability, or any other legally protected status.

Agnes Scott College – Department of Mathematics

Agnes Scott College invites applications for a tenure-track position in mathematics beginning Fall 2023. The teaching load is five semester courses per year. For details, please see our ad at `https://www.mathjobs.org/jobs/list/20375`, and visit the department at `https://www.agnesscott.edu/mathematics/`. Agnes Scott College enrolls a socially and economically diverse student body, and has a strong commitment to diversity. The college urges members of underrepresented groups to apply. EOE.

See `https://www.unl.edu/equity/notice-nondiscrimination`.

Cornell College – Department of Mathematics

Cornell College, a private undergraduate liberal arts college, is seeking an individual committed to excellence in the teaching of undergraduate mathematics to a diverse student body. Applicants must be interested in helping to reimagine the role of mathematics at the college; be willing to teach a wide range of mathematics courses; and be interested in engaging diverse students in activities such as research, student competitions, and internships. Courses taught may include Calculus, Discrete Math, Linear Algebra, Differential Equations, Geometry, Modern Algebra, Analysis, Applied Mathematics, and a capstone course. Ph.D. in mathematics or applied mathematics required. Demonstrated excellence in teaching is preferred. This is a tenure-track appointment to begin in the fall of 2023. Appointment at the Associate Professor level possible with commensurate experience.

Cornell College is a national liberal arts college committed to excellence in teaching and the creation of a welcoming community in which all individuals are respected and included. Our innovative curriculum includes a focus on the essential abilities of writing, quantitative reasoning, and intercultural literacy as well as experiential learning. Cornell's One Course At A Time (OCAAT) academic calendar is divided into eight- $3\frac{1}{2}$ week blocks in which students take and faculty teach a single course. This one-at-a-time approach fosters strong student engagement and close faculty-student relationships while allowing faculty freedom to design and carry out their classes, on campus or off.

More information and application can be found on mathjobs.org: Applications will be reviewed beginning October 15 and continue until the position is filled.

For more information about the Department of Mathematics and Statistics, please visit the department's website `https://www.cornellcollege.edu/math-statistics/index.shtml`. Any questions can be directed to Ann Cannon, PhD, Chair Department of Mathematics and Statistics at acannon@cornellcollege.edu.

SIMONS LAUFER MATHEMATICAL SCIENCES INSTITUTE

MSRI / SLMath
Call for Applications

2023-24 RESEARCH PROGRAMS

MSRI, now becoming the Simons Laufer Mathematical Sciences Institute (SLMath), invites applications for membership in its 2023-2024 scientific research programs in Berkeley, California.

FALL 2023

- **Algorithms, Fairness, and Equity**
- **Mathematics and Computer Science of Market and Mechanism Design**

SPRING 2024

- **Commutative Algebra**
- **Noncommutative Algebraic Geometry**

msri.org/programs

Apply at MathJobs.org beginning August 1, 2022

- Research Professorships: Apply by Oct. 1, 2022
- Research Memberships: Apply by Dec. 1, 2022
- Postdoctoral Fellowships*: Apply by Dec. 1, 2022

** Applications open Oct. 15, 2022*

MSRI/SLMath is committed to the principles of equal opportunity and affirmative action. Students, recent Ph.D.s, women, and minorities are particularly encouraged to apply.

MSRI/SLMath 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.

2023 SUMMER RESEARCH IN MATHEMATICS PROGRAM

MSRI/SLMath's 2023 Summer Research in Mathematics (SRIM) 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. Visits for the program must take place between June 5 and July 14, 2023.

PROGRAM ELIGIBLITY

- **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 SLMath 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 as well as $1,000 for post-programmatic travel. SLMath also has access to private sources of funding that makes it possible for researchers with children ages 17 and under to fully participate in its scientific activities. For full details, visit the website.

Apply online beginning August 1, 2022
Deadline: December 1, 2022

msri.org/summer

Support for the 2023 Summer Research in Mathematics program is provided by the National Science Foundation (NSF), National Security Agency (NSA), Johnson Cha, and Priscilla Chou.

MSRI/SLMath: Call for Applications for ADJOINT 2023 (June 19-30, 2023)

MSRI, now becoming the Simons Laufer Mathematical Sciences Institute (SLMath), invites applications for its 2023 African Diaspora Joint Mathematics Workshop in Berkeley, California. ADJOINT is designed to provide opportunities for in-person collaboration to U.S. mathematical and statistical scientists, especially those from the African Diaspora, who will work in small groups with distinguished African-American research leaders on topics at the forefront of mathematical and statistical research. Full details of eligibility, applications, deadlines, funding and support, and 2023 research leaders and topics will be posted online.

SIMONS LAUFER MATHEMATICAL SCIENCES INSTITUTE

ALFRED P. SLOAN FOUNDATION

msri.org/adjoint

MSRI/SLMath: Spring 2023 Scientific Workshops

MSRI/SLMath welcomes registrations for our upcoming Spring 2023 workshops in Berkeley, California, and online. SLMath workshops are free of charge to attend, thanks to the generous support of our funders, including the National Science Foundation. (View website for up-to-date information and final schedules of all talks and events.) ** indicates lead organizers.*

January 19-20, 2023: **Connections Workshop: Algebraic Cycles, L-Values, and Euler Systems**

January 23- 27, 2023: **Introductory Workshop: Algebraic Cycles, L-Values, and Euler Systems**
Organizers (Both Workshops): Henri Darmon (McGill University), Ellen Eischen (University of Oregon), Benjamin Howard (Boston College), Elena Mantovan (California Institute of Technology)*

February 2-3, 2023: **Connections Workshop: Diophantine Geometry**
Organizers: Jennifer Balakrishnan (Boston University), Yunqing Tang (University of California, Berkeley)*

February 6-10, 2023: **Introductory Workshop: Diophantine Geometry**
Organizers: Hector Pasten (Pontificia Universidad Católica de Chile), Yunqing Tang (University of California, Berkeley), Shou-Wu Zhang (Princeton University)*

March 13-17, 2023: **Shimura Varieties and L-functions**
Organizers: Michael Harris (Columbia University), David Loeffler (University of Warwick), Elena Mantovan (California Institute of Technology), Christopher Skinner (Princeton University), Sarah Zerbes (ETH Zürich), Wei Zhang (Massachusetts Institute of Technology)*

March 22-24, 2023: **Critical Issues in Mathematics Education 2023: Mentoring for Equity**
Organizers: Pamela Harris (University of Wisconsin-Milwaukee), Abbe Herzig (AHH Consulting), Aris Winger (Georgia Gwinnett College), Michael Young (Carnegie Mellon University)

April 17-21, 2023: **Degeneracy of Algebraic Points**
Organizers: Jennifer Balakrishnan (Boston University), Mirela Ciperiani (University of Texas, Austin), Philipp Habegger (University of Basel), Wei Ho (University of Michigan), Hector Pasten (Pontificia Universidad Católica de Chile), Yunqing Tang (University of California, Berkeley), Shou-Wu Zhang (Princeton University)*

April 15-19, 2024: **Recent Developments in Commutative Algebra**
Organizers: Daniel Erman (University of Wisconsin-Madison), Linquan Ma (Purdue University), Karl Schwede (University of Utah), Karen Smith (University of Michigan), Andrew Snowden (University of Michigan), Irena Swanson (Purdue University)*

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

Resources for Workshop Attendees: To allow visitors to fully participate in its scientific activities, SLMath is pleased to be able to offer a private room for nursing parents and childcare grants to researchers with children under the age of 17. View full details and eligibility on our website. We are deeply grateful to our Family Support donors for their generosity.

Women, gender-inclusive individuals, minorities, mathematicians not located at research centers, recent PhDs, and graduate students are particularly encouraged to register and apply for funding.

MSRI / SLMath 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.org/workshops

Washington & Jefferson College - Department of Mathematics

Washington & Jefferson College ("W&J") invites applications for a tenure track position on the faculty at the assistant professor level, beginning Fall 2023, with primary area of responsibility in the Department of Mathematics. W&J is a leading national liberal arts college located about 30 miles southwest of vibrant Pittsburgh, PA. W&J is committed to increasing diversity in our community and actively pursues individuals from all backgrounds. We seek candidates who:

- Are enthusiastic and adaptable teacher-scholars who will match the passion about teaching and scholarship already present in our department and will prioritize student success.
- Value meaningful and fulfilling teaching experiences.
- Want the support and freedom to be innovative in the classroom.

Please read our full ad and submit application materials to mathjobs.org with this link: `https://www.mathjobs.org/jobs/list/20333.`

Wesleyan University – Department of Mathematics and Computer Science

The Department of Mathematics and Computer Science at Wesleyan University invites applications for a tenure-track assistant professorship in mathematics to begin July 1, 2023.

We seek strong candidates whose research interests are in applied mathematics, broadly construed, and which are compatible with the existing research interests of the department. Relevant areas include – but are very much not limited to – applied topology, algebraic statistics and computational algebraic geometry, cryptography and computational number theory, computational combinatorics, discrete and computational geometry, optimization, and stochastic processes. Exceptional candidates in any field compatible with the research interests of the faculty are also encouraged to apply.

Wesleyan values both scholarship and teaching very highly, and has a strong, diverse undergraduate student body. We welcome applications from women and members of historically underrepresented groups. The position offers a substantial startup package, a generous sabbatical program, and competitive salaries and benefits.

Applications completed by Oct 1, 2022 will receive full consideration, though the search will remain open until the position is filled. For full details see `https://www.mathjobs.org/jobs/list/20329`

Lewis & Clark College – Department of Mathematical Sciences

Lewis & Clark College in Portland, Oregon invites applications for seven tenure-track searches this year including one in the mathematical sciences. A Ph.D. is required before appointment in August 2023.

Applicants committed to mentoring students from underserved groups, interested in teaching statistics, our first year seminar course, conducting undergraduate research, or contributing to interdisciplinary programs, are encouraged to apply. Faculty teach five courses/year, maintain active research programs, and perform college service. A paid pre-tenure sabbatical, mentoring, and professional development are provided.

Please apply at `https://apply.interfolio.com/108483`. Lewis & Clark is an equal opportunity/affirmative action employer.

Pepperdine University – Seaver College

Tenure-track position at Pepperdine University, beginning Fall 2023. We are a Christian university, and seek to hire candidates who can advance our Christian mission through teaching and mentoring undergraduates, research, and service. We are broadly committed to belonging, equity, and inclusion. It is part of our institutional mission to teach and engage a diverse community of students. We especially welcome applications from candidates who are committed to advancing these ideals.

Submit applications to: apply.interfolio.com/108957. See website for instructions. Pay special attention to the response to the Christian mission. Application review will begin on October 15, 2022 and will continue until the position is filled. Questions: Prof. Kevin Iga, Kevin.Iga@pepperdine.edu.

Bryn Mawr College – Department of Mathematics

The Department of Mathematics at Bryn Mawr College invites applications for a full-time, tenure-track Assistant Professor position to begin August 1, 2023 in Algebra (broadly construed to include algebra, pure and applied, and allied fields such as algebraic geometry, representation theory, algebraic number theory, and algebraic combinatorics). In exceptional circumstances, candidates at a higher rank will be considered. The faculty member filling this position will teach courses at all levels in our mathematics curriculum (from introductory and elective courses to core and graduate sequences in algebra), supervise senior theses, and lead the algebra component of our graduate program. The successful candidate will be expected to be part of developing and teaching a diverse and inclusive curriculum, including interdisciplinary programs and other college-wide initiatives. Candidates must have completed all Ph.D. requirements by the start date. We are looking for candidates excited to contribute to the department's nationally recognized success in supporting women and students from underrepresented groups in mathematics. Applications received by October 17, 2022 will receive full consideration. Applications will continue to be reviewed until the position is filled. Bryn Mawr College is an equal-opportunity employer; candidates from underrepresented groups and women are especially encouraged to apply. For further information about the position and to apply, go to Interfolio at: `http://apply.interfolio.com/110288`.

Santa Clara University – Department of Mathematics

The Department of Mathematics and Computer Science at Santa Clara University, a Jesuit Catholic institution, seeks to fill up to two Renewable Term Lecturer positions in lower-division mathematics, commencing September 1, 2023. The position requires teaching seven lower division mathematics courses, such as: Pre-calculus, Finite Mathematics, The Nature of Mathematics, Calculus I, II, III, IV (for Science and Engineering majors), Business Calculus I and II, Calculus for Life Sciences I and II, and Introduction to Statistics. Candidates must have a graduate degree, preferably a Ph.D., in Mathematics, Computer Science, or a closely related field, to be completed by September 1, 2023. Regardless of degree, candidates must provide evidence of excellence in teaching at the university or college level. Position available starting September 1, 2023.

Applications must be submitted by December 31, 2022 at 11:59 pm Pacific time for full consideration. Undergraduate teaching only. Santa Clara University, located in California's Silicon Valley, is a comprehensive, Jesuit, Catholic university, and an AA/EEO employer. For more information, see `www.scu.edu/hr/careers/faculty.cfm`.

North Carolina State University - Department of Mathematics

The Department of Mathematics at North Carolina State University invites applications for a junior tenure- track position beginning Fall 2023. Applications from suitably qualified candidates for more senior positions will also be considered. We are seeking exceptionally well-qualified individuals with research interests in nonlinear analysis. Among the areas of interest are harmonic analysis, mean-field games, non- smooth analysis, optimal transportation theory, dynamical systems, and differential games. Potential applications include, but are not limited to, partial differential equations, approximation theory, signal and image processing, sampling theory, machine learning, control, inverse problems, financial mathematics, and data science.

Candidates must have a PhD in mathematics, applied mathematics, or a related area; post-doctoral experience; strong research record; and commitment to excellence in teaching at the undergraduate and graduate level. Inclusiveness and diversity are critical to the success of the Department of Mathematics, the College of Sciences, and NC State University (`https://math.sciences.ncsu.edu/about`). We welcome applicants committed to promoting diversity, equity, and inclusion and fostering an environment that is supportive and welcoming of all students, faculty, and staff.

Applications should be submitted electronically at `http://www.mathjobs.org/jobs/ncsu`, and must include:

- Curriculum vitae
- Research statement
- Teaching statement
- Statement on diversity and inclusion
- At least three letters of recommendation

Applicants must apply at both mathjobs.org and on the NC State website. Reference letters should only be included in the mathjobs.org application. Application review will begin on October 8, 2022. Applications received by October 8, 2022, will be given full consideration. Information and university posting for this position is located at `https://jobs.ncsu.edu/postings/165639`. For questions concerning the position, contact Dr. Lorena Bociu at lvbociu@ncsu.edu.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148.

Syracuse University - Department of Mathematics

The Department of Mathematics seeks to fill one tenure-track position in the area of Algebra at the Assistant Professor level, beginning August 2023.

Candidates must have a PhD in mathematics; demonstrated research potential; and commitment to excellence in teaching at the undergraduate and graduate level. Postdoctoral experience is strongly preferred. Successful candidates are expected to pursue independent research. Inclusiveness and diversity are critical to the success of the Department of Mathematics, the College of Arts & Sciences, and Syracuse University. We welcome applicants committed to promoting diversity, equity, and inclusion and fostering an environment that is supportive and welcoming of all students, faculty, and staff. In particular, we actively encourage applications from groups that have been historically excluded from the field of mathematics.

Applications must be completed in two steps:

Step 1: Candidates must submit an online faculty application with a CV at `https://www.sujobopps.com/postings/95335`

Step 2: Candidates must submit a cover letter, CV, research statement, teaching statement, at least three letters of recommendation addressing research qualifications, at least one letter of recommendation addressing teaching, and a diversity statement summarizing how elements of diversity, equity, and/or inclusion are demonstrated within one's research, teaching, and service to the profession at MathJobs (`http://www.mathjobs.org/jobs`).

Applications received by November 1 are assured of full consideration. Late applications might be considered if the timing fits with the review process.

Syracuse University is an Equal Opportunity Employer.

Mount Holyoke College – Department of Mathematics and Statistics

The Department of Mathematics and Statistics invites applications for a tenure-track position in statistics at the Assistant Professor level to begin Fall 2023. Qualifications include a doctorate in statistics or a related field (completed or anticipated by Fall 2023), a commitment to teaching and scholarship in a liberal arts environment, and evidence of classroom effectiveness. A well-established candidate at the Associate Professor level will also be considered. Though applications will be accepted until the position is filled, please submit by October 1, 2022 for full consideration. Find out more and apply at `https://www.mathjobs.org/jobs/list/20291`

Baylor University - Department of Mathematics

Baylor University seeks a **postdoctoral fellow in Mathematics** to start in August 2023. Details for this position can be found at `https://www.mathjobs.org/jobs/list/20228)`. Applications received by November 1, 2022, will receive full consideration. Located in Waco, Texas, Baylor University is the oldest college in Texas. With a population of around 21,000 students, Baylor is one of the top universities in the nation, having just been named an R1 institution by the Carnegie Classification in 2022. Baylor is also on the honor roll of the "Great Colleges to Work For," from The Chronicle of Higher Education, Baylor offers competitive salaries and benefits while giving faculty and staff the chance to live in one of the fastest-growing parts of the state. Our strategic plan, Illuminate, guides the University as we continue to live up to Baylor's mission of educating men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community.

Baylor University - Department of Mathematics

Baylor University seeks an Assistant Professor in Mathematics to start August 2023. Details for this position can be found at apply.interfolio.com/108417.

This is a tenure-track position in Algebra. In addition to developing a leading research program, the successful candidate is expected to pursue excellence in both undergraduate and graduate teaching and to supervise student research.

Located in Waco, Texas, Baylor University is the oldest college in Texas. With a population of around 21,000 students, Baylor is one of the top universities in the nation, having just been named an R1 institution by the Carnegie Classification in 2022. Baylor is also on the honor roll of the "Great Colleges to Work For" from The Chronicle of Higher Education, Baylor offers competitive salaries and benefits while giving faculty

and staff the chance to live in one of the fastest-growing parts of the state. Our strategic plan, Illuminate, guides the University as we continue to live up to Baylor's mission of educating men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community.

Baylor University - Department of Mathematics

Baylor University seeks a Lecturer in Mathematics to start in August 2023. Details for this position can be found at https://apply.interfolio.com/108612. This is a full-time position. Salary and benefits are competitive. Demonstration of excellence in teaching is essential. Located in Waco, Texas, Baylor University is the oldest college in Texas. With a population of around 21,000 students, Baylor is one of the top universities in the nation, having just been named an R1 institution by the Carnegie Classification in 2022. Baylor is also on the honor roll of the "Great Colleges to Work For" from The Chronicle of Higher Education, Baylor offers competitive salaries and benefits while giving faculty and staff the chance to live in one of the fastest-growing parts of the state. Our strategic plan, Illuminate, guides the University as we continue to live up to Baylor's mission of educating men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community.

Boston University - Department of Mathematics and Statistics

The Department of Mathematics and Statistics at Boston University invites applications for a tenure-track Assistant Professor position in number theory. A Ph.D. is required. All areas of number theory will be considered, with some preference given to automorphic representation theory and arithmetic geometry. Our Department is committed to building a diverse community of scholars and invites applicants not only to share their thoughts on teaching and research but also to indicate ways in which they may be able to contribute to the creation of an equitable and inclusive community in the Department. Submit cover letter, CV, research statement, and teaching statement online to mathjobs.org, and arrange for the online submission to the same address of four recommendation letters, one of which addresses teaching. Application deadline: December 1, 2022. Pending final administrative and budgetary approval, the appointment will start on July 1, 2023. We welcome applications from all eligible candidates without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law. Boston University is an equal opportunity employer and a VEVRAA Federal Contractor. To Apply: `https://www.mathjobs.org/jobs/list/20425`

University of Washington – Department of Mathematics and Statistics
UW Math invites applications for one or more non-tenure-track postdoctoral positions. The initial appointment is for a period of twelve months, full-time, with the possibility of renewal for a total period of up to three years, to begin in September 2023. Duties include engaging in ongoing and active independent research and teaching a full-time load of undergraduate and graduate courses. In particular, the job title will be "50% postdoctoral scholar, 50% teaching associate," to reflect these two components of the job. Applicants are required to have a PhD, or foreign equivalent, by the starting date. Priority will be given to applicants whose complete applications, including recommendations, are received by December 1, 2022. Apply at `https://apply.interfolio.com/111213`.

Events of Interest to NAM Members

The Graduate Online Combinatorics Colloquium (GOCC) is a student-run weekly online combinatorics seminar for graduate students of all levels and areas of combinatorics. Our goal is to support early-career mathematicians and provide a low-pressure seminar consisting of both research and expository talks. For information, visit https://sites.google.com/view/gocc-combinatorics.

If you'd like to join the listhost &/or volunteer to give a talk, please email gocccombinatiorics@gmail.com.

Julia Robinson Mathematics Festival

The Julia Robinson Mathematics Festival (JRMF) seeks to inspire joy in mathematics through exploration and collaboration. The JRMF offers both virtual and in person events free and open to the general public. Every week we explore a different fun math Activity.

For more info about the JRMF, events/workshops, or getting involved, please visit jrmf.org.

OURFA²M²

The Online Undergraduate Resource Fair for the Advancement and Alliance of Marginalized Mathematicians (OURFA2M2) is a free, virtual conference that will take place on November 19th and 20th, 2022. To learn more, see our website at ourfa2m2.org. To join us, please register by November 12th. There is no experience necessary and all are welcome. NOTE: Graduate students, postdocs, professors, and other professional mathematicians are also invited to attend, especially to join the networking lunches.

Third Annual OURFA^{2}M^2

Online Undergraduate Resource Fair for the Advancement and Alliance of Marginalized Mathematicians

For marginalized, minoritized, underrepresented, and underserved undergraduate mathematicians, it can feel difficult to gather the information you need to build your career. We've been there, and we've got your back.

November 19 & 20, 2022 on Zoom

8am-4pm Pacific / 11am-7pm Eastern

Registration and information at ourfa2m2.org

This free, virtual conference will include:

- Panel of representatives of summer and semester opportunities
- Panel of students who have participated in such programs
- Crash courses in common undergraduate math research fields
- Personal stories of mathematicians' formative experiences
- Other talks and activities to network and share resources

Please register by 11:59 pm Pacific on November 12 to join us.

No experience required and all are welcome!

Contact ourfa2m2@gmail.com with questions.

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Summer/Fall 2022