THE MATH ALLIANCE

DR. DAVID GOLDBERG
Director

We have come to the end of May, and if your campus is like mine, it is a very quiet period. Here we have been through our graduation ceremonies, and most of the students have left for the summer, or at least until the main summer session starts in a few weeks. Places are eerily empty. However, come fall it will seem like a seismic change away from what has become normal over the previous few months. We just celebrated Memorial Day, so now it feels like it's officially a new season.

This weekend had me reflecting on the three years since George Floyd's murder at the hands, and literally knee, of Officer Derek Chauvin. The death of Mr. Floyd has had deep impact on our understanding of how police culture, like many other aspects of daily life, endangers black and brown lives disproportionately. It touched off a wave of protests, social movements, and has changed the dialogue around these issues in significant ways. It is also chilling to think that if not for a brave teenager, Darnella Frazier, this murder might never have received any serious attention. It reminds us that the actions of a few, or even an individual, can make a difference. We must also admit that while there has been increased awareness and more energy is being invested in trying to effect change, progress has been slow, maybe as slow as ever.

Things have moved particularly slowly in universities.

Of course, we have seen special committees, reports, and action plans, but we are often left trying to assess where there has been any significant change. Yes, some important steps have been taken, including renaming buildings (even at least one Math Science building), and we should not be dismissive of those actions, but we also have to ask what we can do to have bigger impact.

In this vein I want to recommend a recent book, "Losing the Precious Few: How America Fails to Educate Its Minorities in Science and Engineering", by our colleague, Richard Tapia of Rice University (ISBN: 978-1-55885-942-5, Arte Público Press, Houston, TX) . Professor Tapia (who gave the Keynote address at the 2011 Field of Dreams Conference) has been a leading advocate for change, and for representation in our disciplines and professions for decades. This book makes a strong case for STEM programs to make serious reforms to their approaches to increasing representation. It deals with many issues directly and bluntly, in a way that makes me wish many in our upper administrations would read it with open minds. I have admired Professor Tapia for a long time, feel lucky to have had some opportunities to meet him, and even luckier to have had the chance to engage in discussions of issues of race in the academy. I hope I have learned a lot from him. I also hope many in our community will read his book, pass it on to their colleagues, and use it as a catalyst for discussions in their circles.

We have to keep moving forward and trying our best to do what we can. For those coming to Chicago next for next week's Career Paths Workshop at IMSI, we can't wait to see you and I am sure the program will be a success. For the rest of you, I will be sure to report on this event in our next newsletter. Hope everyone's summer is off to a great start!

What's Happening Next?

- **ADJOINT Workshop** MSRI Berkeley, CA Jun. 19- 30
- **JSM2023** Ontario, Canada Aug. 5- 10
- **STATFEST** SAS Campus Cary, NC Sept. 23
- **Women in Statistics and Data Science Conference** Bellevue, WA Oct. 25-27
- **2023 Field of Dreams Conference** Georgia State Univ. Nov. 3- 5

Robert Parris Moses
Congressional Gold Medal Act

I imagine you are familiar with the work of Bob Moses, and the Algebra Project. I have been working with Representative Espaillat's staff to award a Congressional Gold Medal to Bob Moses.

Robert Parris Moses is well-known to many in the mathematics community. He is regarded as an influential civil rights activist, peace activist, public education advocate, and math literacy educator. We are garnering support in Congress to award, posthumously, a Congressional Gold Medal to Bob Moses. Even if you wrote your Representative last year about joining this effort, they need to re-join now, and we ask your help in making that request.

Use this link to learn more about Bob Moses, his work, and to send a note to your Representative in Congress:

https://www.ams.org/government/getinvolved-dc#/

I *appreciate it if you share this widely with your circles; we need 2/3 of the House of Representatives to sign on!*

I put that bit in italics because—if you are willing to share something—it can be used to send to others and broadcast.

Thanks, and feel free to email questions you have.

Karen Saxe, PhD
kxs@ams.org

MATH ALLIANCE

THE F-GAP PROGRAM

Approximately 100 faculty (Math Alliance Mentors) volunteer to mentor our F-GAP students each year.

Over 800 students have participated in F-GAP since it's inception in 2013. Of the participants:

- *over 50 have earned a doctoral degree*

- *over 200 are currently in doctoral programs*

- *over 400 are currently in an MS program or have graduated with an MS degree*

For program details see the **F-GAP page** on our website.

https://mathalliance.org

DETAILS:

STUDENTS:
To participate contact a **Math Alliance Mentor**

To see if you are **eligible for F-GAP**

MENTORS:
To nominate a student, **submit a form** or use the QR code

University of Washington
Summer Teaching Opportunities

TThe University of Washington Math Science Upward Bound (UW STEMsub) Program seeks Science Elective and STEM Section Instructors to teach high school students as part of our Summer Academy 2023. UW STEMsub is an outreach program in the Office of Minority Affairs and Diversity that helps low-income and potential first-generation college students excel in high school, get accepted to college, and graduate with a STEM degree. The goal of the summer program is to help prepare students for the demands of college and advance their academic and personal development.

This summer, the UW STEMsub Summer Academy will be held on the UW Campus from July 10th to August 18th. Each class described below will include approximately fifteen rising 11th or 12th graders. The ideal candidates are advanced graduate students or postdocs in Mathematics or STEM fields with teaching experience and a commitment to outreach and diversity. A B.S. or B.A. in Mathematics or a STEM field is required. All candidates will be required to undergo a criminal background check. Candidates from underrepresented groups or from low-income/first generation backgrounds or with experience in working with these populations are encouraged to apply. The University of Washington is an affirmative action, equal opportunity employer. To apply, please complete the online application at https://form.jotform.com/231366966135967. Be sure to select the position(s) you are applying for. For more information contact David Wolczyk at dwolczyk@uw.edu .

Mathematics Instructor Description:
https://drive.google.com/file/d/1_-hNFcVK4XtPjNUUTCthGkUKC_AQG4pL/view?usp=sharing
As part of the STEMsub Summer staff, prepare curriculum and instructional materials and teach one or two math classes during the six week summer program. The courses offered may include: geometry, algebra II, trigonometry/pre-calculus, calculus, linear algebra, or statistics. Each instructor will teach up to two of the listed topics. Each class will include fifteen to twenty rising 11th or 12th graders. STEMsub students are a diverse group of low income and/or potential first generation college students with differing academic abilities and learning styles. Teaching commitment is 1 hours per day per course for 4 days per week. The six week summer program will be held on the UW Campus from July 10th to August 18th. Compensation is $1,800 to $2,000 per class depending on background and experience.

Summer Section Instructor:
Description: https://drive.google.com/file/d/1SaZlc0Ghbu-V-j4b0FsWpR-r1XA35v9t/view?usp=sharing
UW STEMsub seeks an Instructor to teach a Study Section class to high school students in support of our Summer STEM Seminar Lecture series. The STEMsub STEM Seminar Series offers students an introduction to different STEM fields, a glimpse into original research, and insight into careers in STEM fields. Teaching commitment is 2 hours per day for 4 days per week. The Study Section Instructor attends the Seminar Series lectures and teaches a study section to help students understand the content of the lectures. Four of these sessions will be extended lab sections. They also help students learn "STEM Survival Skills" needed for success in college. Designed in collaboration with lab coordinators, instructors, and professors, this curriculum helps provide students with the STEM skills they are often lacking when they arrive at UW or other colleges. Study Section Instructors help students develop good study skills, learn data collection and analysis skills, work on group projects, and accompany students on lab and facilities tours. Classes are comprised of fifteen to twenty-five rising 11th or 12th graders. The six week summer program will be held on the UW Campus from July 10th to August 18th. Compensation is $2,600 to $3,000 per class depending on background tand experience.

GROW -Graduate Research Opportunities for Women

We are delighted to announce that applications are open for GROW (Graduate Research Opportunities for Women) 2023, to be held at Duke University in Durham, North Carolina from Friday October 20 – Sunday October 22.

GROW is an annual national conference aimed at increasing the rate of applications by women and non-binary students to graduate programs in the mathematical sciences. We have an outstanding line-up of speakers and panels planned, demonstrating the tremendous diversity of lives and careers that can be built upon a Ph.D. in the mathematical sciences, along with informal opportunities for conversation and mentorship. The conference is FREE for accepted participants. We will cover airfare, provide accommodations, and arrange for meals.

Please share the application to GROW 2023 with all women (cis-gender, transgender, or woman-identified) and nonbinary undergraduates at U.S. colleges or universities (including international students) who are considering graduate school in the mathematical sciences. Applications are due Friday July 28. Accepted applicants will be notified by August 18.

Please contact us at grow@math.duke.edu with any questions and thank you for your time.

Sincerely,

Shira Viel
GROW Lead Organizer, 2022-2023
Assistant Professor of the Practice of Mathematics
grow@math.duke.edu

Lillian Pierce
GROW Scientific Coordinator, 2022-2023
Nicholas J. and Theresa M. Leonardy Professor of Mathematics
pierce@math.duke.edu

SAVE THE DATE!

SEPT 23, 2023

9 a.m. – 5 p.m. ET
SAS Campus Dr
Cary, NC

§sas

STATFEST

**STAY TUNED
FOR
MORE INFO**

ASA

StatFest is a one day, **in-person** conference, geared toward undergraduate students from historically underrepresented backgrounds with analytical interests. **Join us** to learn about the exciting career and graduate study opportunities in statistics and data science!

https://community.amstat.org/cmis/events/statfest/statfest-2023

SHORT COURSES ON OBESITY, MATHEMATICS, AND CAUSAL INFERENCE IN SUMMER 2023

We invite you to join us at one or both of our in-person, NIH-funded short courses being hosted this summer. Both courses will be held at the School of Public Health on the Indiana University Bloomington campus.

Strengthening Causal Inference in Behavioral Obesity Research
Dates: Monday, June 26th - Friday June 30th
Format: In-person, Monday through Friday, Bloomington, IN, 8 AM to 5PM EST.

Course description: Identifying causal relations among variables is fundamental to science. Obesity is a major problem for which much progress in understanding, treatment, and prevention remains to be made. Understanding which social and behavioral factors cause variations in adiposity is vital to producing, evaluating, and selecting intervention and prevention strategies. In addition, developing a greater understanding of obesity's causes requires input from diverse disciplines including statistics, economics, psychology, epidemiology, mathematics, philosophy, and behavioral or statistical genetics. However, applying techniques from these disciplines does not involve routine well-known 'cookbook' approaches. Rather, an understanding of the underlying principles is required so that the investigator can tailor approaches to specific and varying situations.

To apply: [Visit our course site at Strengthening Causal Inference in Behavioral Obesity Research](#)

The Mathematical Sciences in Obesity Research
Dates: Monday, July 31st – Friday, August 4th
Format: In-person, Monday through Friday, Bloomington, IN, 8 AM to 5PM EST.

Course description: The mathematical sciences including engineering, statistics, computer science, physics, econometrics, psychometrics, epidemiology, and mathematics qua mathematics are increasingly being applied to advance our understanding of the causes, consequences, and alleviation of obesity. These applications do not merely involve routine, well-established approaches easily implemented in widely available commercial software. Rather, they increasingly involve computationally demanding tasks, use and development of novel analytic methods and software, new derivations, computer simulations, and unprecedented interdigitation of two or more existing techniques. Such advances at the interface of the mathematical sciences and obesity research require bilateral training and exposure for investigators in both disciplines.

To apply: Visit our course site at [The Mathematical Sciences in Obesity](#)

Spaces are limited to encourage more engagement among participants and with course faculty, so apply soon. Persons of all genders, race/ethnicities, and ability/disability statuses are strongly encouraged to apply.

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

2024 Summer Research in Mathematics at SLMath

The Simons Laufer Mathematical Sciences Institute (SLMath, formerly known as MSRI) in Berkeley, California, invites applications for the 2024 Summer Research in Mathematics (SRiM) program. This program 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. Through this effort, SLMath aims to mitigate the obstacles faced by these groups, improve the odds of research project completion, and deepen their research experience.

Program Eligibility

- Groups of two to six mathematicians with partial results on an established project may submit an application to the program. Each member of the group must have a Ph.D.or advanced graduate standing in the mathematical sciences. At least one team member must be US based.

- Each group may apply to be in residence at SLMath for a minimum of two weeks. All members of the group must be in residence for the full duration of the visit.

- The visits to SLMath must take place between June 10 - July 26, 2024.

- Applications will be hosted on Math Programs July 1 - October 8, 2023. Applications require a Project Description, a statement on alignment with program goals, as well as additional information on group members and research plans.

- Funding & Support: All participants receive lodging, meals, travel expenses, and post-programmatic travel support. SLMath is pleased to be able to offer a private room for nursing parents. Childcare grants are available for researchers with children under the age of 17 (limited to US Citizens and Permanent Residents, and foreign visitors with a visa status that allows for compensation, such as a J1). .For full program details, visit msri.org/summer.

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

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

Call for Membership: MSRI / SLMath 2024-25 Research Programs

The Simons Laufer Mathematical Sciences Institute (SLMath, formerly known as MSRI) in Berkeley, California, invites applications for membership in the Institute's 2024-25 research programs beginning August 1, 2023. Detailed information can be found at msri.org/application and msri.org/programs.

- New Frontiers in Curvature: Flows, General Relativity, Minimal Submanifolds, and Symmetry (Fall 2024)
- Special Geometric Structures and Analysis (Fall 2024)
- Probability and Statistics of Discrete Structures (Spring 2025)
- Extremal Combinatorics (Spring 2025)

The following positions are available:
- Research Professorships are intended for senior researchers who will be making key contributions to a program, including the mentoring of postdoctoral fellows, and who will be in residence for three or more months.
- Research Memberships are intended for researchers who will be making contributions to a program and who will be in residence for one or more months.
- Postdoctoral Fellowships are intended for recent PhDs.

How to Apply
SLMath uses MathJobs.org to process applications. Interested candidates must apply online. To receive full consideration, applications must be complete, including all letters of support, by October 1, 2023 (Research Professors) and November 15, 2023 (Research Members and Postdoctoral Fellows).

Additional Support
SLMath strives to include a diverse community of mathematicians in its programs, and the Institute is committed to maintaining family-friendly policies and, when possible, facilitating appropriate arrangements for partners and children of program members. Some ways that this addressed include:
- SLMath employs a Family Services Coordinator who provides help in locating schools and other services for mathematicians coming to Berkeley with their families.
- The Complementary Program has a limited number of memberships that are open to mathematicians who are partners of invited members of a core program.
- Childcare grants are available for researchers with children under the age of 18 (limited to U.S. Citizens and Permanent Residents, and foreign visitors with a visa status that allows for compensation, such as a J1).
- SLMath is pleased to be able to offer a private room for nursing parents.

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

The Simons Laufer Mathematical Sciences Institute (SLMath, formerly known as MSRI) in Berkeley, California welcomes registrations for our Fall 2023 workshops, listed below. SLMath workshops are free of charge to attend, thanks to the generous support of our funders, including the National Science Foundation. (Please check www.msri.org/workshops for full details, as some workshop dates or details may be subject to change. An updated schedule of all talks, including online broadcasts, will be posted in advance of each event.)   * denotes lead organizer(s).

Mathematics and Computer Science of Market and Mechanism Design
Connections Workshop: September 7-8, 2023
Organizers: Michal Feldman (Tel-Aviv U.), Nicole Immorlica* (Microsoft Research)

Introductory Workshop: September 11-15, 2023
Organizers: Scott Kominers (Harvard Business School), Paul Milgrom (Stanford U.), Alvin Roth (Stanford U.), Eva Tardos (Cornell U.)

Practical Approximation for Market Design: November 27 - December 1, 2023
 Organizers: Michal Feldman (Tel-Aviv U.), Scott Kominers (Harvard Business School), Ellen Muir (Harvard U.), Tim Roughgarden (Stanford U.), Ilya Segal (Stanford U.), Inbal Talgam-Cohen (Technion – Israel Institute of Technology)

Algorithms, Fairness, and Equity
Connections Workshop: August 24-25, 2023
Organizers: Vincent Conitzer (Carnegie Mellon U.), Rachel Cummings* (Columbia U.), Ana-Andreea Stoica (UC Berkeley)

Introductory Workshop: August 28 - September 1, 2023
Organizers: Vincent Conitzer (Carnegie Mellon U.), Moon Duchin* (Tufts U.), Wesley Pegden (Carnegie Mellon U.), Dana Randall (Georgia Institute of Technology), Soledad Villar* (Johns Hopkins U.)

Randomization, Neutrality, and Fairness: October 23-27, 2023
Organizers: Bettina Klaus (U. of Lausanne), Jonathan Mattingly* (Duke U.), Berk Ustun (UC San Diego), Rachel Ward

Hot Topics Workshops
MIP* = RE and the Connes' Embedding Problem: October 16-20, 2023
Organizers: Michael Chapman (New York U., Courant Institute), Anand Natarajan (Massachusetts Institute of Technology), William Slofstra (U. of Waterloo), John Wright (U. of Texas, Austin), Henry Yuen (Columbia U.)

Recent Progress in Deterministic and Stochastic Fluid-Structure Interaction: December 4-8, 2023
 Organizers: Suncica Canic (UC Berkeley), Jeffrey Kuan (UC Berkeley)

Register Online: msri.org/workshops

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

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

MSRI / 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.

School of Mathematics

MEMBERSHIPS

With generous support from the National Science Foundation, the IAS School of Mathematics selects approximately 85 Members per year. The School welcomes applications from mathematicians and theoretical computer scientists at all career levels, and strongly encourages applications from underrepresented groups and mid-career scientists (6-15 years from Ph.D.). Competitive salaries, on-campus housing, and other resources are available for researchers in all mathematical subject areas. Most positions are for one or two terms, but for applicants who cannot leave their jobs or families for an entire term, the School now offers a special two-month membership option. During the 2024-25 academic year the School will have a special program on Algebraic and Geometric Combinatorics. June Huh from Princeton University will be the Distinguished Visiting Professor.

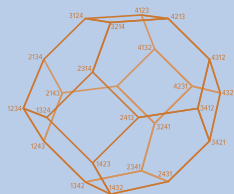**Deadline is December 1, 2023.**

PROGRAMS

Women and Mathematics
ias.edu/math/wam
Minerva Research Program
ias.edu/math/activities/programs/
minerva-research-program
Summer Collaborators
ias.edu/math/summercollaborators

IAS | SCHOOL OF MATHEMATICS
INSTITUTE FOR ADVANCED STUDY

ias.edu/math

DIVERSITY MENTORING PROGRAM

COMMITTEE ON MINORITIES IN STATISTICS

The 2023 Diversity Mentoring Program (DMP) brings historically-underrepresented BIPOC (African/African-American, Hispanic/Latino, and Native American) graduate and undergraduate students, post-doctoral scholars, and junior professionals together with senior-level statisticians and faculty in academia, government, and the private sector in a structured program at the annual Joint Statistical Meetings.

CHOOSE AN OPTION:

I ONLY WANT TO ATTEND THE EVENT AND EXPERIENCE THE GREAT PROGRAMMING.

Please scan the QR code below and fill out the very **short** Attendance Only Application. We will do our best to accommodate all attendee only applicants.

OR

I WANT TO ATTEND THE PROGRAM AND I WANT TO GET MATCHED WITH A MENTOR!

Fantastic! While we cannot match everyone with a mentor, we do our best. Please fill out the Attendance and Mentee Application. Scan the QR code below.

IMPORTANT DATES

MAR 31 — Forms go live on the website. Scan the QR code..

MAY 31 — The last day to fill out the Attendance and Mentee Application.

MID JUNE — We will inform you as to the decision of your application.

AUG 05 — We will welcome you in Toronto for DMP 2023!

WEBSITE

**Southwest Center
for Arithmetic Geometry**

**Department of Mathematics
The University of Arizona®**

PRELIMINARY ARIZONA WINTER SCHOOL - FALL 2023

VIRTUAL SCHOOL ON NUMBER THEORY

Lassina Dembélé - *Abelian varieties over finite fields*
Wanlin Li - *Elliptic curves with complex multiplication*

OCTOBER 2ND - NOVEMBER 10TH, 2023

**Organized by Renee Bell, Alina Bucur,
and Tony Várilly-Alvarado with Brandon Levin,
Isabel Vogt, Hang Xue, and David Zureick-Brown**

Partner Institution

POSITION AT GEORGIA STATE UNIVERSITY

The Department of Mathematics and Statistics at Atlanta campus of Georgia State University invites applications for two lecturer positions in mathematics and statistics beginning August 2023.

Essential Qualifications:
- Ph.D. in mathematics, statistics of related field at time of appointment;
- Ability to teach core undergraduate mathematics and statistics courses;
- Knowledge and experience with instructional technology;
- Ability to effectively deliver instruction in online and face-to-face formats;
- Interest in teaching and mentoring students of diverse backgrounds.

Preferred Qualifications:
One or more years of effective full-time college/university teaching experience in mathematics or statistics. Lecturers at Georgia State University are full-time non-tenure track faculty with both teaching and service requirements who directly contribute to the mission of the university. Lecturers have the opportunity for promotion to Senior Lecture and Principal Senior Lecturer. Our lecturers are full members of the department's intellectual community and leadership team. In mathematics and statistics, lecturers teach 12 credit hours per semester and primarily teach and coordinate lower division undergraduate courses including, but not limited to, college algebra, pre-calculus, calculus, elementary statistics, differential equations, and linear algebra.

Georgia State University, the largest university in Georgia, is an enterprising urban research university located in downtown Atlanta and home to one of the most diverse student bodies in the country. It is a national leader in innovative instruction and academic success of diverse populations. We strongly encourage applications from members of groups traditionally underrepresented in STEM. The College of Arts & Sciences supports faculty professional success through mentoring programs and representation of faculty from all ranks in college-level program development. GSU is an institutional member of the National Center for Faculty Development & Diversity.

The department currently consists of 22 tenure track faculty, 12 lecturers, and 3 academic professionals (of various ranks). The department offers B.S., M.S., and Ph.D. degrees in mathematics and statistics. For more information please visit our website at https://www.mathstat.gsu.edu/.

Applications should be submitted directly to http://www.mathjobs.org.

The following items are required:
1. Application cover letter
2. Curriculum vitae
3. Teaching statement with evidence of aptitude or ability to teach at the undergraduate and graduate levels with a diverse student body, including the mentoring of women and under-represented minorities (at most 2 pages)
4. Transcripts of graduate work
5. Student evaluations and other evidence of success in instruction, if applicable
6. Three letters of reference (two must address candidate's instructional abilities).

Review of applications will begin on March 20, 2023, and will continue until positions are filled. An offer of employment will be conditional upon background verification. Georgia State University is an Equal Opportunity Employer and does not discriminate against applicants due to race, ethnicity, gender, veteran status, or on the basis of disability or any other federal, state, or local protected class.

Member Institution

POSITION AT WAKE FOREST UNIVERSITY

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

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

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

A complete application will include a letter of application, curriculum vitae, teaching statement, and contact information for three people who can serve as references. Applicants are encouraged to post materials electronically at https://www.mathjobs.org/jobs/list/22354. Hard copy can be sent to Dr. Sarah Raynor, Wake Forest University, Department of Mathematics, P.O. Box 7388, Winston-Salem, NC 27109 (raynorsg@wfu.edu, http://www.math.wfu.edu).

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

Member Institution

POSITION AT THE UNIVERSITY OF ALABAMA

Non Renewable Contract Assistant Professor Position in Mathematics

The Department of Mathematics at The University of Alabama invites applications for two non-tenure multi-year contract positions at the Assistant Professor level beginning on August 18, 2023. These are three-year renewable positions with opportunities for promotion to higher rank.

The University of Alabama is a student-centered research university with the Department of Mathematics in the midst of a multi-year effort to improve teaching and learning in the lower division mathematics courses. In 2024 the Department will begin offering a new major in Data Science. The successful candidates will primarily teach lower division courses, with the opportunity for teaching some upper-division courses and/or summer courses, if desired. The candidates will also coordinate multi-section courses, provide professional development for Graduate Teaching Assistants teaching these courses, and work within the department to improve courses. Candidates must possess a doctoral degree in mathematics or a closely related field (with 18 credit hours of graduate coursework in mathematics) by August 16, 2023. The ideal candidates will either have experience as a course coordinator, managed courses using a learning management system (such as Blackboard) or online homework system (such as WebAssign), have teaching experience in calculus, linear algebra, or differential equations, or have a background in statistics or data science.

Applicants should complete the online application at https://facultyjobs.ua.edu/postings/51802. The application should include a letter of application, a curriculum vita, a teaching statement, and three letters of recommendation (two of which concern teaching). A teaching portfolio or other evidence of teaching effectiveness is strongly encouraged. The recommendation letters should be submitted electronically through MathJobs (www.mathjobs.org) or should be sent electronically to: math@ua.edu. Applications will be reviewed on an ongoing basis starting immediately and will continue to be accepted until the positions are filled.

The University of Alabama is an Equal Opportunity/Affirmative Action employer and actively seeks diversity among its employees. Women, Hispanic, African-American and other minority candidates are strongly encouraged to apply. For more information about the department and the university visit our website at https://math.ua.edu/.