



## Upcoming Events

### Joint Math Meetings

Denver, CO  
Jan. 15-18, 2020

### 2020 Gulf States Alliance Conf.

Baton Rouge, LA  
Feb. 14-16, 2020

### Fostering Diversity in Biostatistics

Workshop  
Nashville, TN  
March 22, 2020

## Thoughts from the Director...



**David Goldberg**  
Executive Director  
of the Math Alliance

As we come to the end of the calendar year, and approach a new decade, I thought I would share some thoughts about where we are, as a community, and some things we have to look forward to. First, we are fast approaching 1,000 Alliance Mentors!! (There are 990 as of this writing). This is an amazing milestone, and we expect to continue to grow as more campuses become involved in our work, and more areas develop regional alliances. Also, we have now touched over 2,100 students since the Math Alliance became a national organization in 2007. The F-GAP program is going very well, and we expect to see close to 100 of this year's cohort entering graduate programs in the fall. In the last year we've learned that eight of the first F-GAP cohort (2013-14) have earned doctorates, and we expect many more in the next year. We are already aware of 22 Math

Alliance Predoctoral Scholars who have earned doctorates in 2019 (21 in a mathematical science), and when we get reports on December graduations (and learn more about earlier recipients) there will be a new high for the number of such doctorates earned in a calendar year. We also have learned some interesting things from our friends at the Institute for Mathematics and its Applications (IMA). As you may know, we co-organized a [workshop](#) with IMA last June on Career Paths in the Mathematical Sciences, which was attended by about half of our current cohort of F-GAP students. IMA recently reported to us some of their survey results from before and after this workshop, and it is very revealing. Before the conference only 9% of the F-GAP attendees felt highly aware of careers for mathematicians, while after the workshop, that rose to 69%! Before the workshop 34% of the F-GAP students said they would certainly apply to graduate school, and afterwards 73% said they would certainly apply to graduate school! And finally, before the workshop 50% of the students said they were likely to be accepted into a graduate program, while afterwards 93% felt they were likely to be accepted! This shows us that activities like this workshop and the Field of Dreams Conference do have a positive impact on the confidence of the student attendees with regard to their prospects for graduate admission and career opportunities. (IMA well points out that the last figure, with regard to a sense of likely being admitted to grad programs is truly remarkable because that workshop had no

particular content on the graduate admissions process!) One reason I am so glad we are collaborating with IMA on the next Field of Dreams Conference is their expertise in forming such assessment instruments, and experience in evaluating programs. This will be really valuable to us in learning more about what we are doing well and what we need to improve upon. But the impact goes beyond the numerical assessments and data, because we do see other strong evidence that we are building a community of young mathematical scientists who see themselves as having a future in the mathematical science community. One of the best examples of this also comes from the IMA workshop. After one of the student only sessions with a local acting troupe, they immediately formed an online community which is still active, and in which they support each other in many ways, including in the graduate application process. This is amazing, and we look forward to seeing more developments of this kind as our activities grow. We're glad to announce that we'll be holding another summer workshop with IMA this June, so please nominate your students for F-GAP early next year, so we can include them in this activity.

Finally, for those going to the Joint Mathematics Meetings next month in Denver, **please** visit us during our special session: ***If You Build It They Will Come: Presentations by Scholars in the National Alliance for Doctoral Studies in the Mathematical Sciences***, Wednesday January 15, in Room 401 of the Colorado Convention Center. Fourteen Alliance Predoctoral Scholars who now hold doctorates (or will earn them this academic year) will give presentations. The schedule appears elsewhere in this newsletter and I know our community wants to support these students!

## New Math Alliance Non-Profit

The Math Alliance is pleased to announce the formation of the **Corporation for the National Math Sciences Alliance**. This new non-profit will raise funds to help support all Math Alliance activity, and is a 501(c) 3 corporation, so donations are eligible for tax deductions. This gives an additional platform for the Math Alliance to gather financial support, and donors can be assured that no matter where the Math Alliance is housed, their donation will go directly to us, and will stay with us.

The Math Alliance owes a big THANK YOU to **Jonas Burgett**, in Purdue's Legal Department, who volunteered his time to prepare all the documents we needed to establish this corporation. We thank those who have already found their way to our [donation page](#), as every donation is very much appreciated. If you are interested in financially supporting our work consider donating to the Math Alliance. Thank you!

## Math Alliance to hold AMS Special Session at JMM

The Math Alliance will hold its third annual session at the Joint Math Meetings in Denver. This year's session will be **Wednesday, January 15, in Room 401, Colorado Convention Center.**

It is denoted as **SS 107A** in the program, and is entitled *If You Build It They Will Come: Presentations by Scholars in the National Alliance for Doctoral Studies in the Mathematical Sciences*. This year's session will feature 14 talks, each 20 minutes in length, given by an Alliance Predoctoral Scholar who is either a recent Ph.D., or is expected to complete a Ph.D. by August 2020. The [schedule](#) is posted on line, with titles. Below we give the schedule with the abstract number as they appear in the JMM program.

**Please consider attending some or all of this session and showing support for all our doctorates!**

8:00-8:20 Ariel Leslie- [Mathematical Modeling of a Network of Neurons Regarding G1D Transport Deficiency Epilepsy Seizures](#). Abstract Number: 1154-34-264.

8:30-8:50 Steve Collazos- [Coding Properties of Firing Rate Models with Low-Rank Synaptic Weight Matrices](#). Abstract Number: 1154-37-2430.

9:00-9:20 Chartese Darnel Jones- [Non-Local Blockwise Implementation Method with Selective Features for Speckle Image Denoising](#). Abstract Number: 1154-65-2149.

9:30-9:50 Joan Ponce- [Dynamics of a childhood disease model with isolation](#). Abstract Number: 154-92-1454.

10:00-10:20 Ricela Feliciano-Semidei- [Use of Computer Software to Do Mathematics and the Mathematics Achievement of Students in Puerto Rico Using Restricted 2015 NAEP Data](#). Abstract number:1154-97-397.

10:30-10:50 Mela Hardin- [Probability of Consensus in Spatial Opinion Models with Confidence Threshold](#). Abstract Number: 1154-60-689.

2:15-2:35 Danielle Middlebrooks- [Quantifying Flows in Time-Irreversible Markov Chains: Application to a Gene Regulatory Network](#). Abstract Number: 1154-60-1200.

2:45-3:05 Simone Sisneros-Thiry- [Quotients of integers with restricted digit sets mod b](#). Abstract Number: 1154-11-2315.

3:15-3:35 Dwight Anderson Williams II- [Basis of an infinite-dimensional tensor product representation of  \$osp\(1|2n\)\$](#) . Abstract Number: 1154-17-1216.

3:45-4:05 Andrew Alaniz- [On some local invariants of geometric Langlands parameters](#). Abstract Number: 1154-14-2694.

4:15-4:35 Israel A Almodovar Rivera- [Kernel-estimated Nonparametric Overlap-Based Syncytial Clustering](#). Abstract Number: 1154-62-2472.

4:45-5:05 Camila Alexandra Ramirez- [On Complex-Valued Equivariant Neural Networks for Radio Frequency Fingerprinting](#). Abstract Number: 1154-68-1800.

5:15-5:35 Marie V Ozanne- [Bayesian compartmental models and reproductive numbers for an infection with multiple infectious sources and transmission modes](#). Abstract Number: 1154-62-1152.

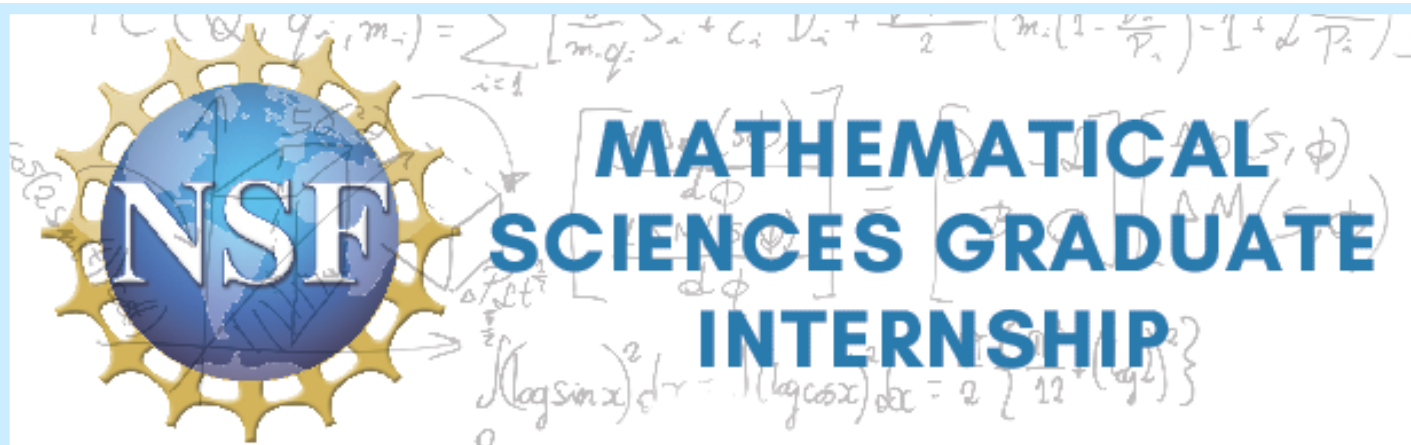
5:45-6:05 Lyda Pamela Urresta- [Overview of the Geometric Model of Propagating Strings in String Theory and Possible Generalizations](#). Abstract Number: 1154-81-2245.

## Math Alliance Affiliated REU List

The [annotated list of summer research programs that has been compiled by William Y. Velez](#) has been updated for summer 2020.

If you are looking for an REU for this summer, please check out our REU webpage:

<https://mathalliance.org/math-alliance-partners/affiliates/>



# MATHEMATICAL SCIENCES GRADUATE INTERNSHIP

**Application Deadline:**

**January 13, 2020**

**5:00 PM EST**

**Learn the application  
of advanced  
mathematical and  
statistical techniques  
to "real world"  
problems, whether  
you plan to pursue an  
academic or  
nonacademic career!**

**U.S. citizenship not required.**

**Benefits:**

- \$1200 per week stipend
- Relocation up to \$2,000

**Eligibility:**

- Full-time doctoral student pursuing mathematics, statistics or applied math
  - Minimum 3.00 GPA

**Location:**

Various locations across U.S.

**APPLY NOW!**

[https://orise.orau.gov/  
nsf-msgi/](https://orise.orau.gov/nsf-msgi/)



# Join us for the 2020 Fostering Diversity in Biostatistics Workshop

The Eastern North American Region (ENAR) of the International Biometric Society will be hosting the 2020 Fostering Diversity in Biostatistics Workshop. The workshop will focus on connecting underrepresented minority students interested in biostatistics with professional (bio)statisticians in academia, government and industry.

Sunday, March 22, 2020

10:30am-6:30pm

JW Marriott Nashville  
201 8th Ave S,  
Nashville, TN 37203



**Keynote Speaker:**  
**Dr. Adrian Coles**  
Senior Research Scientist  
Eli Lilly and Company

The workshop will feature:

- Hands-on computing activities for high school and undergraduate students.
- Roundtable discussions for students focusing on preparing for a graduate degree in biostatistics and transitioning to the career market.
- Roundtable discussions for professionals focusing on supporting, recruiting, and retaining students.
- Panel discussions between students and professionals focusing on career opportunities and mentoring.
- An interactive networking fair among undergraduates and graduate students and representatives from schools offering MS and PhD degrees in Biostatistics.

Registration will open September 2019: <https://www.enar.org/meetings/FosteringDiversity/>

Lunch will be provided for all registered participants. Travel compensation is available. Registration is required for consideration.



2019 Workshop Attendees

To learn more, please contact the workshop co-chairs:

**Felicia Simpson, PhD**  
Assistant Professor  
Department of Mathematics  
Winston-Salem State University  
Phone: (336) 750-2489  
Email: [griffinfr@wssu.edu](mailto:griffinfr@wssu.edu)

**Loni Phillip Tabb, PhD**  
Associate Professor  
Department of Epidemiology and Biostatistics  
Drexel University  
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Email: [lpp22@drexel.edu](mailto:lpp22@drexel.edu)





# Transforming Analytical Learning in the Era of Big Data

An Undergraduate Summer Institute in  
Biostatistics SIBS at The University of Michigan

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**June 15-July 24, 2020**

This full-time 6-week summer institute will introduce undergraduate students to emerging challenges at the intersection of Big Data, Statistics, and Human Health.

**Application opens December 1, 2019**

Lectures will be led by a diverse group of stellar biostatistics, statistics, electrical engineering, and computer science faculty at the University of Michigan. Faculty from biomedicine and public health will present their perspective of big data. Working in teams, students will participate in mentored big data research projects.

For more information, please contact [Tara Smith](#) or visit the [BDSI website](#).

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[www.BigDataSummerInstitute.com](http://www.BigDataSummerInstitute.com)

NHLBI Summer Institute in Biostatistics Program - Grant R25HL147207



## MATH ALLIANCE MEMBER INSTITUTION

### F. Burton Jones Chair in the Department of Mathematics at the University of California, Riverside

#### F. Burton Jones Chair in Pure Mathematics

The Department of Mathematics at the University of California, Riverside invites application to a faculty position at the full professor level in the general area of pure mathematics. The successful candidate is expected to fill the F. Burton Jones Chair in Pure Mathematics. The search seeks candidates with national and international recognition, an outstanding research track record and outlook, a strong record in mentoring and teaching, and leadership in promoting diversity and serving the professional community.

A PhD in mathematics is required. It is expected that at UCR, the candidate will lead a rigorous research program, will develop and teach graduate and undergraduate courses, will advise and mentor graduate and undergraduate students, will vigorously promote diversity, and will engage in both campus and professional service activities.

A start-up package will be provided. The endowment fund will be made available to support the candidate's research and mentoring activities. This position will start between July 1, 2020 and July 1, 2021.

Interested individuals should submit a cover letter, a full curriculum vita, a statement of research, a statement of teaching, official teaching evaluations and a statement on contribution to promoting diversity. In addition, applicants should provide contact names and addresses for four or five references on the candidate's research, and one reference on the candidate's teaching and mentoring. All application materials must be submitted through AP Recruit online at: <https://aprecruit.ucr.edu/apply/JPF01199>

Review of applications will commence on May 1, 2020 and proceed until position is filled. For full consideration, applicants should submit their complete applications by April 30, 2020.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

Advancement through the Professor ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 3-5 years, each of which includes substantial peer input.

**Please apply at:** <https://aprecruit.ucr.edu/apply/JPF01199>

**Contact:** Guadalupe Figueroa, 951-827-4698, (951) 827-4807 (fax)

**Email:** [Guadalupe.figueroa@ucr.edu](mailto:Guadalupe.figueroa@ucr.edu)

**Postal Mail:** Department of Mathematics University of California, Riverside Riverside, CA 92521

**Web Page:** [www.mathdept.ucr.edu](http://www.mathdept.ucr.edu)



## MATH ALLIANCE PARTNER INSTITUTION

### Tenure-track Assistant Professor in the School of Statistics at the University of Minnesota



UNIVERSITY OF MINNESOTA

The School of Statistics at the University of Minnesota invites applications for a full-time, tenure-track position at the rank of assistant professor in the area of statistics, to begin fall semester 2020 (August 31, 2020). We are committed to attracting candidates from historically under-represented groups knowing that diversity enriches the academic experience and provides a base for innovation and progress.

Appointment will be 100% time over the nine-month academic year (late-August to late-May) at the rank of tenure-track assistant professor, depending on qualifications and experience and consistent with collegiate and University policy.

**REQUIRED QUALIFICATIONS:** Ph.D. in Statistics or a closely related field is required by start date of the appointment.

#### PREFERRED QUALIFICATIONS:

Candidates with an established research record and college/university level teaching experience are preferred. Our student body is increasingly diverse (across gender, race/ethnicity, first generation college, income), and candidates with a demonstrated interest in teaching and mentoring a diverse student body are preferred.

Candidates will be evaluated according to the overall quality of their academic preparation and scholarly work, evidence of research ability, evidence of commitment to teaching students from a variety of cultures and backgrounds and skills as a teacher, and strength of recommendations.

#### APPLICATION INSTRUCTIONS

Applications must be submitted online; go to <https://employment.umn.edu> and search for 332262. Select the position, click on "Apply," and follow the instructions. You will be given an opportunity to complete an online application and attach a cover letter and curriculum vitae.

Additional documents must be attached by accessing your "My Activities" page, and can be attached after submission of the application by exiting and re-entering the Job Center, accessing your "My Activities" page (in the top list of hyperlinks), and uploading documents there.

The following materials must be attached to your online application: 1) cover letter, 2) curriculum vitae, 3) research statement, 4) teaching statement, and 5) a sample of your scholarly written work representing your disciplinary focus. Applicants may also choose to 6) submit an optional "diversity statement" (no longer than 2 pages) that addresses how their past and/or future teaching, research, and/or service contributions might serve to teach, mentor, and/or support young people and other scholars who may be underrepresented or marginalized in the statistics community at large. In addition to the materials submitted online, please arrange for THREE letters of recommendation to be sent directly to [StatsOffice@umn.edu](mailto:StatsOffice@umn.edu).

**Application review will begin November 1, 2019.** We will continue to review applications until the position is filled. Additional materials may be requested from applicants at a later date.

Please refer questions regarding the position to the School of Statistics, 612-625-8046. For questions about the application system, please e-mail [employ@umn.edu](mailto:employ@umn.edu) or call (612) 624-UOHR (8647).

*The University of Minnesota provides equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.*

To learn more about diversity at the U: <http://diversity.umn.edu>.



# MATH ALLIANCE MEMBER INSTITUTION

## Tenure-Track Assistant Professor Position at Cal Poly Pomona



The Department of Mathematics and Statistics in the College of Science at California State Polytechnic University, Pomona (Cal Poly Pomona) invites applications for a tenure-track position in Applied Mathematics at the rank of Assistant Professor beginning in the 2020-2021 academic year. The rank of the

position is non-negotiable. Join a growing and dynamic group of mathematicians, statisticians, and mathematics educators actively engaged in teaching and scholarship.

The Position: Throughout the academic year, you will typically teach a mix of courses in mathematics at the lower division, upper division, and graduate levels. As part of your professional development, we encourage you to engage our graduate students in your scholarly activities. Optimally, you will eventually become the academic adviser of some of our graduate students, helping them by supervising their thesis topics. There are many service opportunities available within our department, college, and university. Salary will be commensurate with experience and qualifications. Our excellent benefits program includes start-up funds and a reduced teaching load during the first two years. Cal Poly Pomona has a student body with many different socioeconomic and cultural

backgrounds and learning styles. We are looking for faculty who are passionate about teaching and mentoring this diverse student population. In particular, applicants whose work demonstrates a commitment to inclusive excellence and diversity in higher education are encouraged to apply.

### Minimum Qualifications:

- A Ph.D. in Mathematics, Applied Mathematics, or a related area, with expertise in computational mathematics, nonlinear optimization, or numerical differential equations, from an accredited university by the start date of the appointment.
- College or University teaching experience, at least at the level of teaching assistant.
- Demonstrated ability to contribute to the excellence of our diverse academic community through teaching, research, and service as well as a commitment to work in an inclusive environment.
- Demonstrated proficiency in programming and the use of computational tools in research.

### Preferred / Desired Qualifications:

- Evidence of excellence in teaching and the ability to teach upper division and graduate mathematics classes.
- Evidence of excellence in conducting scholarly research activities and the ability to direct master's thesis students.
- Ability and desire to teach programming-oriented courses.

**Application Instructions:** To be considered for the position, submit materials to both [MathJobs.org](http://MathJobs.org) and to [Interfolio.com](http://Interfolio.com). Submit the following materials on [MathJobs.org](http://MathJobs.org).

Your completed application packet will be available to be examined by all tenured and tenure-track faculty of the Cal Poly Pomona Department of Mathematics and Statistics. This position is open until filled. Those applications completed and received by **December 2, 2019** will receive first consideration. Early response is encouraged.

Submit all required materials to AMS MathJobs. **In addition, you must also submit your cover letter, curriculum vitae, and Student Success Statement to Interfolio:** <http://apply.interfolio.com/70055>.



# AFRICAN DIASPORA JOINT MATHEMATICS WORKSHOP (ADJOINT )



Mathematical Sciences Research Institute

## MSRI Call for Applications

**2020 Summer African Diaspora Joint Mathematics Workshop (ADJOINT):  
June 15-26, 2020 in Berkeley, California**

**Apply by January 24, 2020**

The Mathematical Sciences Research Institute in Berkeley, California welcomes applications to the newly established African Diaspora Joint Mathematics Workshop (ADJOINT). ADJOINT is a two-week summer activity which provides opportunities for in-person research collaboration to U.S. mathematicians, especially those from the African Diaspora, who will work in small groups with research leaders on various research projects.

**PROGRAM ELIGIBILITY:** Applicants must be a U.S. citizen or permanent resident, possess a Ph.D. in the mathematical sciences, and be employed at a U.S. institution.

**FUNDING AND SUPPORT:** Participants will receive funding for two weeks of lodging, meals and incidentals, and round-trip travel to Berkeley.

**PROGRAM DETAILS:** Each summer, three to five research leaders will each propose a research topic to be studied during a two-week workshop. ADJOINT participants will conduct research within small groups, and participate in professional enhancement activities provided by the onsite ADJOINT Director.

After the two-week workshop, each participant will:

- Have the opportunity to further their research project with the team members including the research leader
- Have access to funding to attend conference (s) or to meet with other team members to pursue the research project, or to present results
- Become part of a network of research and career mentors

**Application Period: December 1, 2019 - January 24, 2020.**

For full program details, visit:

**[msri.org/adjoint](https://msri.org/adjoint)**



# MATH ALLIANCE MEMBER INSTITUTION

## Two Tenure-Track Positions at the Harvard T.H. Chan School of Public Health



**HARVARD  
T.H. CHAN**

**SCHOOL OF PUBLIC HEALTH**  
Department of Biostatistics

**Assistant/Associate Professor of Biostatistics  
and  
Assistant/Associate Professor of Epidemiology  
Harvard T.H. Chan School of Public Health**

The Department of Biostatistics and the Department of Epidemiology at the Harvard T.H. Chan School of Public Health seek candidates to fill two tenure-track positions at the assistant or associate professor level. We envision recruiting one candidate to a position with a primary appointment in the Department of Biostatistics and the other to a position with a primary appointment in the Department of Epidemiology, but each with a secondary appointment in the other department. For both positions, we seek candidates with a strong background in theory and methods, demonstrated expertise in the development of new methods, and an interest in collaborative research in public health and biomedical sciences.

We are looking for candidates with expertise in areas such as causal inference, statistical genetics, measurement or measurement error, and data science (including computational science, machine learning and related methods). Candidates should be deeply committed to the development and application of quantitative methods and computation, with interest in the health sciences, and should be enthusiastic about teaching, training, and mentorship through our graduate programs.

Responsibilities will include methodological and collaborative research, teaching, and supervision of graduate students. Qualified applicants will be expected to have a doctoral degree in one of the following disciplines: epidemiology, biostatistics, statistics, mathematics, computer science, computational biology, or medicine; applicants from related fields are also welcome. Candidates are required to have their doctoral degree by the time the appointment begins, and academic rank will be determined in accordance with the successful candidate's experience and accomplishments.

We welcome candidates who are interested in mentoring diverse students and teaching in an international classroom setting that fosters belonging.

The Departments of Biostatistics and Epidemiology each offer an exceptional environment in which to pursue research and education in quantitative public health while being at the forefront of efforts to benefit the health of populations worldwide. The departments work closely together and many faculty members have joint appointments. Areas of expertise in Epidemiology include epidemiologic methods, epidemiology of chronic diseases, epidemiology of infectious diseases, and clinical epidemiology. Areas of expertise in Biostatistics include design and analysis of clinical trials and observational studies, missing data, precision health, network analysis, computational and systems biology, microbiome analysis, neurostatistics, and environmental statistics. Areas of shared expertise include statistical genetics and genomics, causal inference, and data science. Research in both departments is enabled by access to a number of large longitudinal studies and extensive collaboration with academic departments across Harvard programs and at the world-class Harvard affiliated hospitals.

Both departments pride themselves on having strong mentoring and a supportive environment for assistant and associate professors. Our unique and diverse community provides unparalleled collaborative opportunities for career development.

Please apply to: <http://academicpositions.harvard.edu/postings/9218>

For questions, please contact: Megan Marchese, Search Administrator, Department of Epidemiology  
Harvard T.H. Chan School of Public Health, Email: [marchese@hsph.harvard.edu](mailto:marchese@hsph.harvard.edu)

The Harvard T.H. Chan School of Public Health seeks to find, develop, promote, and retain the world's best scholars. We are committed to upholding the values of diversity, equity, and inclusion in our school and the communities we serve. Women and individuals from underrepresented racial and ethnic minority groups are strongly encouraged to apply.

Harvard University is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.

Information on resources for career development and work/life balance at Harvard T.H. Chan SPH can be found at: <http://hsph.me/resources-career-development-and-work-life-balance>.

**The search will formally close on December 15, 2019.** However, the committee will review applications on a rolling basis, beginning immediately. Applications may not be reviewed if the application, including letters of recommendation, are not complete.



## MATH ALLIANCE MEMBER INSTITUTION

### Tenure-track Assistant Professor in the Department of Mathematics at the University of Kentucky



The Department of Mathematics at the University of Kentucky in Lexington, Kentucky invites applications for a full-time faculty position at the tenure-track Assistant Professor level beginning in Fall 2020. A successful candidate is expected to pursue a vigorous research program and to deliver high quality teaching to both graduate and undergraduate students. We encourage applications from candidates with research interests in mathematical biology, broadly defined to include, for example, connections to machine learning, stochastic processes or inverse problems. The Department will also consider applicants with other research interests that are compatible with those of the faculty.

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

In order to be considered a candidate, applicants will need to complete the following two steps:

1. Submit your job market materials to Math Jobs.org. These materials should include: the standard AMS Cover Sheet for Academic Employment, a curriculum vitae, a statement about current and future research, a statement on teaching experience and quantitative assessments of teaching, a statement on inclusion, diversity, and equity (described below), and at least three (3) letters of reference addressing the applicant's research and one (1) letter of reference addressing the applicant's teaching. All application materials must be submitted online at 2. Complete an application within the University of Kentucky employment system by visiting: <http://ukjobs.uky.edu/postings/251575>.
2. As a department and university, we are strongly committed to creating an inclusive and effective teaching, learning, research, and working environment for all (see <http://www.uky.edu/sotu/diversity-and-inclusivity>). For your statement on inclusion, diversity, and equity, in one to two pages, applicants are asked to reflect on their commitments, approaches, and insights related to inclusion, diversity, and equity.

Applications will be reviewed as they are received. Applications submitted **by November 15, 2019** will receive full consideration. To apply visit: <https://www.mathjobs.org/jobs/jobs/14755>.

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

Department of Mathematics  
University of Kentucky  
715 Patterson Office Tower  
Lexington, KY 40506-0027, USA

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

## List of Faculty Position Announcements

University/Institution	Type of Position(s)	Link for Applications
Birmingham-Southern College	Tenure-track Assistant Professor of Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Bowdoin College	Tenure-track Assistant Professor of Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Bucknell University	Two Tenure-track Positions in Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Bucknell University	Assistant Professor of Data Science	<a href="https://www.bucknell.edu">Bucknell University</a>
California Baptist University	Tenure-track Assistant Professor in Statistics	<a href="https://www.calbaptist.edu">Calbaptist.edu</a>
California State University, Fresno	Tenure-track Assistant Professor in Mathematics Education	<a href="https://www.fresno.edu">Fresno State</a>
California State University, LA	Tenure-track Assoc./Full Professor of Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Carleton College	Two Tenure-track Positions in Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Central Washington University	Tenure-track Assistant Professor of Mathematics	<a href="https://www.cwu.edu">CWU.edu</a>
Fitchburg State University	Tenure-track Assistant Prof. in Data Science or Statistics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Gettysburg College	Tenure-track Assistant Professor of Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Grand Valley State University	Tenure-track Assistant Professor of Mathematics	<a href="https://www.gvsu.edu">GVSU</a>
Hillsdale College	Tenure-track Position in Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Ithaca College	Two Tenure-track Assistant Professors of Mathematics	<a href="https://www.ithaca.edu">Ithaca College</a>
Kentucky Wesleyan College	Tenure-track Assistant Professor in Mathematics Education	<a href="mailto:csublett@kwc.edu">csublett@kwc.edu</a>
Lamar University	Two Tenure-track Asst./Assoc. Professors of Mathematics	<a href="https://www.lamar.edu">Lamar.edu</a>
Loyola Marymount University	Tenure-track Assistant Professor of Mathematics	<a href="https://www.loyola.edu">Loyola Marymount Univ.</a>
Marion University in Indianapolis	Tenure-track Assistant Professor of Mathematics	<a href="mailto:hr@marian.edu">hr@marian.edu</a>
Pomona College	Tenure-track Assistant Professor of Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Rider University	Tenure-track Assistant Professor of Mathematics	<a href="https://www.rider.edu">Rider Univ.</a>
San José State University	Two Tenure-track Positions in Applied Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Smith College	Two Tenure-track Positions in Mathematics & Statistics	<a href="https://www.interfolio.com">Interfolio</a>
Southwestern University	Tenure-track Assistant Professor of Mathematics	<a href="https://www.interfolio.com">Interfolio</a>
Texas Christian University	Instructor of Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
University of Dayton	Tenure-track Position in Partial Differential Equations	<a href="https://www.univofdayton.edu">Univ. of Dayton</a>
University of Missouri-Kansas City	Tenure-Track Assistant Professor of Statistics	<a href="https://www.umkc.edu">UMKC.edu</a>
University of St. Thomas	Tenure-track Assistant Professor in Mathematics	<a href="https://www.stthomas.edu">St. Thomas</a>
University of Texas at Arlington	Tenure-Stream Position in Data Science	<a href="https://www.mathjobs.org">MathJobs.org</a>
University of Texas at Arlington	Tenure-track Position in Computational Neuroscience	<a href="https://www.mathjobs.org">MathJobs.org</a>
Virginia Tech	Tenure-track Assistant Professor of Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>
Washington State University	Tenure-track Assistant Professor in Data Analytics	<a href="https://www.wsu.edu">WSU</a>
Whitworth University	Tenure-track Assistant Professor of Computer Science	<a href="https://www.whitworth.edu">Whitworth.edu</a>
Xavier University of Louisiana	Two Tenure-track Positions in Mathematics	<a href="https://www.mathjobs.org">MathJobs.org</a>