Upcoming Events

## Thoughts from the Director...
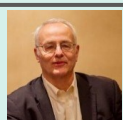
Director Philip Kutzko of the Math Alliance

Greetings and best wishes for a great start to the Fall semester! I wanted to be sure that you took a look at an article that our colleague, Bill Vélez, has written for the Notices of the AMS. I find this article to be an important one for at least two reasons. First, Bill makes a persuasive case that government research funding to departments, and to faculty in those departments, should be tied to the demonstrated success that those departments have in training American students and, especially, American minority students. He points out that this has been the stated policy of these funding agencies for a long time now but that even a cursory glance at the doctoral students enrolled at our research-intensive math departments (he lists Princeton and Harvard as examples) demonstrates that these policies are simply not being enforced. Although Bill is not the first to raise this point, he has raised it in a clear and convincing way and that alone would make this article an important one to read. But, for me, there is a more important point here and it is this point that I would like to draw your attention to. In effect, Bill challenges us to consider what we mean when we use phrases such "minority" or "people of color" or "underrepresented" and whether these phrases as they are now used by universities and funding agencies and even by advocates such as our Math Alliance community evoke the actual agenda that all of us are working so hard to carry out. In discussing this, he makes what is for me a new distinction between US citizens whose forebears were immigrants and those whose forebears were either here already and had their land and property expropriated by European-Americans or were brought here against their will as enslaved people. He refers to this latter group as

Bill Vélez, as a young man.

Traditionally Excluded American Minorities (TEAM) and argues that it is this group that is most marginalized and that should therefore be the focus of our diversity efforts. For me, this conceptualization is a significant step forward and has the potential to be transformative. And it is probably no coincidence that a related idea – that our nation's history is not the story of European immigration and colonialization but instead begins with the forced arrival of enslaved Africans four centuries ago this year – is the feature of an ambitious project of the New York Times. Read together, it seems to me

Phil and Bill at a recent FOD's Conference

that the Times project is asserting that the TEAM, through its labor, patriotism, creativity and spiritual depth is what has made America the country that it is and Bill is pointing out that it is the TEAM that has least benefitted. As with all new formulations, the TEAM concept and the agenda implicit in the term will undoubtedly evolve through reflection and discussion and I believe that Bill had this as his goal. For that reason, I hope that all of you will read Bill's words carefully and that we will find the time and occasion to begin to put these words into action. Thank you, Bill, for this great article!
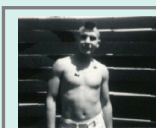
It'll be here before you know it...

The 2019 Field of Dreams Conference
Nov. 15-17, 2019 in St. Louis, MO
In Partnership with Washington University in St. Louis

- *Nominate your students to attend*!

- *Want more information about the Conference?*

- *Register for the Conference!*
  Early Bird Discount before Sept. 30th.

Things to note in the AMS Notices

William Yslas Vélez*(U. Arizona, Emeritus), Alliance Executive Council member, and our Associate Director for Undergraduate Education publishes an opinion piece "Accountability: Federal Research Grants Should Be Tied to Diversity Outcomes"

Selenne Bañuelos *(CSU Channel Islands) and Cynthia Flores* (CSU Channel Islands) publish an opinion piece "Cluster Hiring Is Working for Us: Two Early Career Latinas in Math" (which features pictures from Field of Dreams Conferences!).

Current Alliance Doctoral Scholar Roy Araiza (Purdue Univ) and Alliance Doctorate Rolando de Santiago (Ph.D. U. Iowa, 2017, currently a UC Presidential Postdoctoral Fellow at UCLA) author featured article "R we living in the Matrix".

"Adventures In Mentoring", Bernd Sturmfels

"Mentoring Graduate Students: Some Personal Thoughts", Ken Ono

Some Advice for Early Career Graduate Students, Ken Ribet

2019 Lathisms: Latinxs and Hispanics in the Mathematical Sciences, Pamela E. Harris*, Alicia Prieto Langarica, and Luis Sordo Vieira

"From Breakthrough Prizes to Breakout Graduate Fellowships: 'Mathematics Is a Community'", Della Dumbaugh

A word from Stephan Ramon Garcia*

Michael Young* (Iowa State U.) featured in Community Updates, "Zero Forcing and Electric Power Systems Presented on Capitol Hill"

Talitha Washington* (Howard U.) featured in Community Updates, "Prime Factors Stories from Glass, McNamee, Washington, Whitney, and Yang Now Online"

Letter to the Editor co-authored by many, including Marianne Korten* (Kansas State U.), Leslie McClure* (Drexel U., Alliance Executive Council, and Associate Director for Statistics), Christina Sormani *(CUNY), and Oscar Vega* (CSU Fresno).

*designates Math Alliance Mentors

Items of interest in AMSTATNEWS

Effecting Change With Statistics and Data: An Interview With Statistician Talithia Williams*

ASA's First Survey of Master's Graduates Provides Insight Into Job Market Demand, Degree Satisfaction

ASA President, Karen Kafadar, Making an Impact' in 25 Years

Data for Good Goes to Washington

Kelly McConville, Diverse Voices Heard at SDSS 2019

Alliance Mentor Pamela Harris to give Keynote Address at SACNAS 2019

The Society for Advancement of Chicanos and Native Americans in Science (SACNAS) has announced its six keynote speakers for its 2019 national conference in Honolulu, Hawaii, October 21-November 2.

We are very proud to know one of our mentors, Professor Pamela Harris, of Williams College, has been named to give one of these six keynote talks! The SACNAS conference is attended by several thousand participants across STEM and is among the largest conferences focusing on diversity. Videos of keynote addresses at recent SACNAS conferences are available at the SACNAS website as well.

Fall Campus Visit Program at NC State

"The Graduate School (https://grad.ncsu.edu/) at NC State will host its **Fall Campus Visit Program** from November 10-12, 2019. **The purpose of this visitation program is to increase diversity in graduate programs at NC State.** Prospective graduate students will visit their programs of interest and also learn more generally about the graduate educational environment at NC State. **Travel expenses are covered for all visitors.**

The agenda from the *previous* visitation program, the application and additional information are available at https://grad.ncsu.edu/faculty-and-staff/recruiting-resources/visit-nc-state/. The deadline for students to submit an application is **September 30, 2019.**"

Data Science and Image Analysis Conference of the Pacific Northwest

The Department of Mathematics and Statistics at Washington State University, in cooperation with the Association for Women in Mathematics (AWM), will host the Data Science and Image Analysis Conference of the Pacific Northwest in Pullman, Washington, February 29th and March 1st, 2020.

Please visit the Student Proposals page of the website for information on applying for a travel award for students, postdocs, and early career researchers, as provided for in a National Science Foundation (NSF) conference grant.

For more info, please visit datascienceandimageanalysis.com.

MAA Project NExT
NEW EXPERIENCES IN TEACHING

Launch the NExT stage of your career

The first round of applications for the 2020 cohort of MAA Project NExT has a deadline of October 15, 2019. Applications can be found at projectnext.maa.org. New(ish) faculty who are already in full-time teaching positions are strongly encouraged to use this deadline. Decisions will be made by December 1, 2019. Those accepting positions during this academic year (to start Fall 2020) may use the second application deadline of April 15, 2020.

MAA Project NExT (New Experiences in Teaching) is a year-long professional development program for new or recent PhDs in the mathematical sciences. The program is designed to connect new faculty with expert teachers and leaders in the mathematics community and address the three main aspects of an academic career: teaching, research, and service.

Recent program sessions have included:

- getting your research and grant-writing off to a good start,
- innovative teaching and assessment methods and why they work,
- finding your niche in the profession,
- attracting and retaining underrepresented students,
- balancing teaching, research, and service demands,
- starting an undergraduate research program, and
- preparing for tenure.

MAA Project NExT Fellows join an active community of faculty who have become award-winning teachers, innovators on their campuses, active members of the MAA, and leaders in the profession.

MAA Project NExT welcomes applications from new and recent PhDs in postdoctoral, tenure-track, and visiting positions. We particularly encourage applicants from underrepresented groups, including women and minorities. Applications can be found at projectnext.maa.org.

Project NExTers (Silver '19) at MAA MathFest in Cincinnati.

Application deadline: October 15, 2019
projectnext.maa.org • projectnext@maa.org

2019-2020 MEMBERSHIP

THE SCHOOL OF
MATHEMATICS

THE IAS SCHOOL OF MATHEMATICS welcomes applications from mathematicians and theoretical computer scientists at all career levels, and strongly encourages applications from women, minorities, and mid-career scientists (5-15 years from Ph.D.). Competitive salaries, on-campus housing, and other resources are available for periods of 4-11 months for researchers in all mathematical subject areas. The School supports approximately 40 post-docs per year.

In 2020-2021, there will be a special-year program, **GEOMETRIC AND MODULAR REPRESENTATION THEORY**, led by Geordie Williamson of the University of Sydney; however, Membership will not be limited to mathematicians in this field.

PROGRAMS

EMERGING TOPICS
math.ias.edu/emergingtopics

WOMEN & MATHEMATICS
math.ias.edu/wam/2020

SUMMER COLLABORATORS
math.ias.edu/summercollaborators

MID-CAREER

Are you 5-15 years from your Ph.D.?
Ask us about funding!

To apply, submit your application at mathjobs.org
For more info, please visit: math.ias.edu

DEADLINE: DECEMBER 1, 2019 · MATHJOBS.ORG

Director and Professor in Math at Arizona State University

The School of Mathematical and Natural Sciences (SMNS) in the New College of Interdisciplinary Arts & Sciences at Arizona State University (ASU) invites applications for School Director. This is an opportunity to take a leadership role in a rapidly growing School; one embedded in the truly interdisciplinary and innovative environment of New College.

We are seeking exceptional candidates eligible for appointment at the rank of Full Professor to become SMNS Director; a position made open by an internal promotion. The successful candidate should complement, without duplicating, the expertise of the Associate Director (a Marine Biologist) in the breadth of disciplines within MNS, and be prepared to lead SMNS in its next phase of expansion. The SMNS Director will continue to advance:

• **high-quality research** among a rapidly growing community of tenured and tenure-track researchers;
• **student enrollment**, building on multi-year double-digit percent growth;
• **impactful education** through undergraduate research and innovative programmatic development and funding;
• **interdisciplinarity** within SMNS and New College;
• inclusion, at the student and faculty level and across all aspects of the school's operations;
• **collegiality**, by developing transparent processes and clearly communicating and building consensus around shared objectives.

Required Qualifications: The successful candidate must have: a) a Ph.D. in a field related to the academic programs currently within the School; b) a research record of excellence warranting appointment as a Full Professor with Tenure at ASU; c) an ongoing program of research and publication; d) demonstrated potential to support and develop new externally-funded projects; and, e) evidence of leadership in an academic context.

Desired Qualifications: a) an externally-funded research program in an area of expertise that complements existing strengths and needs of SMNS; b) the ability to promote new and existing interdisciplinary collaborations in research and teaching; c) enthusiasm for developing new initiatives, new programs, and/ or new curricula; d) evidence of leadership experience in an interdisciplinary program or Center, and/or administrative experience within a School, Department or College; e) demonstrated commitment to working successfully with a diverse student population, including students with disabilities and first-generation, non-traditional, low income, and underrepresented minority students, etc.; and f) an appropriate record of university and professional service. More information about ASU's School of Mathematical and Natural Sciences can be found at https://newcollege.asu.edu/mns; more information about ASU's New College of Interdisciplinary Arts and Sciences can be found at http://newcollege.asu.edu. ASU has a strong commitment to a racially diverse faculty; one that is reflective of the contemporary United States.

Deadline: August 16, 2019; if not filled, every two weeks thereafter until search is closed.

Application procedure: Please submit the following items, electronically, to Sara Cutrone via sara.cutrone@asu.edu. 1) A letter of application that describes: (a) the breadth of experience that will contribute to leading an interdisciplinary school; and (b) how the ASU Charter is reflected in past work and future plans; 2) a current curriculum vitae with contact information; 3) a research statement; 4) a statement on leadership philosophy that addresses the needs of faculty, staff, and students; 5) a statement on diversity; and, 6) the names and contact information for three references (references will not be contacted during initial review and will only be contacted after candidate notification).

ASU conducts pre-employment screening for all positions which includes a criminal background check, verification of work history, academic credentials, licenses, and certifications. Employment is contingent upon successful passing of the background check. In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.

Two Tenure-track Assistant/Associate Professor positions at Morgan State University

The Department of Mathematics at Morgan State University invite applications to fill two tenure-track Assistant/Associate Professor positions starting August, 2019 with an emphasis on Industrial and/or Computational Mathematics. Candidates in any of the following areas of study will be considered: Actuarial Science, Financial Mathematics, Mathematical Statistics, Risk Theory and Statistics, Computational Mathematics, or Applied Mathematics. A high level of scholarship and research accomplishments and/or evidence of outstanding research potential, and evidence of strong teaching should be demonstrated. Candidates will be expected to contribute to the expanding graduate programs within the department and the interdisciplinary research projects within the School of Computer, Mathematical and Natural Sciences (SCMNS). The applicant must also demonstrate a commitment to working with a culturally diverse student population. Duties of the position includes advising students, teaching department undergraduate and graduate courses, providing service to the department and SCMNS, developing a strong research profile, and securing external funding to support research and department programs.

A Ph.D. in the Mathematical Sciences from an accredited university, preferably with a focus in Industrial and/or Computational Mathematics, or Applied Mathematics; candidates should have a strong commitment to teaching and an established record of multidisciplinary and extramurally-funded research experience; experience with data science/analytics, machine learning, and algorithmic analysis and programming; experience in college teaching and evidence of ongoing scholarly activity in the field. Applicants with expected completion of the doctoral degree before May, 2019 will be considered.

The application can be found on the webpage at the link: https://morgan.peopleadmin.com/postings/2282

Tenure Track position in Statistics at Macalester College

Applications are invited for a tenure-track Statistics positions, at the assistant professor level, to begin Fall 2020 at Macalester College.

Candidates must have, or be completing, a Ph.D. in Biostatistics or Statistics (or a closely related field). They must have a strong commitment to teaching and research in an undergraduate liberal arts environment. Some areas of potential interest include machine learning, causal inference, and advanced modeling.

See https://www.macalester.edu/academics/mscs/statisticstenure-trackjob.html for details. Evaluation of applications will begin **October 1, 2019** and continue until the position is filled.

Two Tenure-track Positions in Mathematics at Bucknell University

The Mathematics Department at Bucknell University invites applications for two tenure-track faculty positions in Statistics, to begin August 1, 2020. We expect to hire at the Assistant Professor level, but outstanding candidates will be considered at the Associate Professor or Professor level. Qualifications for the positions include a Ph.D. in Statistics, Biostatistics, or closely related field, a strong commitment to teaching, and a high potential for research. We seek teacher-scholars who will contribute to the department's focus on inclusiveness and the liberal arts mission. The successful candidates will join a team of four other statisticians teaching a variety of statistics courses while maintaining an active research program.

Applications include a curriculum vita, graduate transcripts (unofficial copies accepted), a research statement including a section addressing opportunities for undergraduate research, and a teaching statement. Applicants are asked to summarize in their cover letter any past experiences and leadership in diversity, equity, and inclusion, or their potential to make contributions in this area. Please submit these and all other supporting materials electronically at mathjobs.org. Please arrange for three letters of recommendation (at least one of which should substantively address teaching) to be uploaded at mathjobs.org. Review of applications will begin no later than October 21, 2019, and will continue until the positions are filled.

Bucknell University is an Equal Opportunity Employer. The university believes that students learn best in a diverse, inclusive community and is therefore committed to academic excellence through diversity in its faculty, staff, and students. Applications from members of groups that have been historically underrepresented in higher education are encouraged.

Bucknell is committed to creating a climate that fosters inclusion, growth, and development for a diverse student body, and seeks candidates who are also committed these goals.

Bucknell is committed to supporting the teacher-scholar model of faculty development. The teaching load is 5 courses per year. With a student-faculty ratio of about 9:1, small class sizes are a hallmark of the Bucknell educational experience. The university sponsors a range of activities to support the development of its faculty, including a Teaching-Learning Center and generous research support and leave policies.

Bucknell is located in Lewisburg, Pennsylvania, on the banks of the Susquehanna River. The Lewisburg area offers a combination of outdoor recreation opportunities and small-town amenities. In addition to the cultural and athletic events offered at the University and in town, the region offers strong schools and medical facilities, and an affordable cost of living. Bucknell is about three hours from Philadelphia, New York, Baltimore, and Washington, D.C.

Debnath Endowed Professor in COS/SMSS at UTRGV

The School of Mathematical and Statistical Sciences (SMSS) at the University of Texas Rio Grande Valley (UTRGV) invites applications for the Debnath Endowed Professor position. The Debnath Endowed Professorship in the Mathematical Sciences ("Debnath Endowed Professorship") will be an endowment that shall promote and support excellence in research in the mathematical sciences in the College of Sciences at UTRGV, in accordance with the Regents' Rules and Regulations pertaining to endowed academic positions. It is encouraged that the applicant has experience teaching and conducting research and service with women and underrepresented minority groups and in integrating technology into instruction or teaching in various environments including alternative delivery models. In accordance with the UTRGV strategic plan, the applicant is expected to contribute to the dual-language program or to the creation of new doctoral programs in mathematics. Additionally, the applicant is expected to possess personal characteristics to serve as an example to students, faculty, and professional colleagues.

At UTRGV, the applicant will find numerous collaborative research opportunities with outstanding faculty in the SMSS as well as in other departments, including the newly established School of Medicine; the School of Earth, Environmental and Marine Sciences (SEEMS); the South Texas Diabetes and Obesity Institute; the Center for Advanced Radio Astronomy; and the Center for Gravitational Wave Astronomy. The School has an active research program in pure and applied mathematics, probability and statistics, and math education with over 40 tenured or tenure track faculty members. The appointment requires teaching at the undergraduate and graduate levels and also supervising research by undergraduate, graduate and high school students. The School has a BS program in Mathematics (over 300 majors), a newly approved BS program in Statistics (effective fall 2018) and a growing MS program in Mathematics. The BS program in Mathematics has concentrations in Applied Mathematics, Pure Mathematics, Economics, Science and Engineering, Statistics, Middle School and Secondary School, along with a UTeach program. The MS program in Mathematics has concentrations in Applied Mathematics, Pure Mathematics, Mathematics Teaching, and Statistics. The School welcomes excellent faculty to support the many endeavors and new initiatives in research/scholarship, teaching and student support.

Minimum Qualifications: PhD in Mathematical Sciences from an accredited university.

Discipline Specific Required Qualifications:

A successful candidate for the Debnath Endowed Professorship shall satisfy the criteria for the appointment at the rank of full professor with tenure developed by UTRGV and the School of Mathematical and Statistical Sciences (SMSS), which include, but are not limited to:

- Appointment at the rank of full professor with tenure at UTRGV;

- Distinguished record of research scholarship demonstrated through peer-reviewed original research publications in reputed journals in mathematical sciences and successful external grant awards;

- Demonstration of excellence in teaching and successful engagement of students in research and scholarly activities;

- Earned recognition as a result of academic accomplishments.

EEO Statement
UTRGV is an Affirmative Action/Equal Opportunity Employer that strives to hire without regard to race, color, national origin, sex, age, religion, disability, sexual orientation, gender identity or expression, genetic information or veteran status. UTRGV takes affirmative action to hire and advance women, minorities, protected veterans and individuals with disabilities.

Diversity Statement
UTRGV is a Hispanic-serving Institution dedicated to student success and building a diverse faculty committed to working in a multicultural environment. UTRGV has an NSF ADVANCE grant to increase the representation of women in STEM fields and to promote a positive, family friendly workplace for all faculty. We strongly encourage applications from women and minorities.

To Apply: http://careers.utrgv.edu/postings/21541 . Applications are only accepted via the UTRGV website.

Tenure– Track Position in Mathematics
at Loyola Marymount University

The Mathematics Department of Loyola Marymount University invites applications for a tenure-track position at the Assistant Professor level beginning Fall 2020. Responsibilities include teaching, advising, maintaining an active program of scholarship, and engaging in university service. Applicants are expected to have completed a Ph.D. or comparable terminal degree in mathematics, statistics, operations research, or a related field by employment commencement in Fall 2020.

The successful candidate will have expertise in statistics, data science, or a related field. Those with expertise in computational methods are encouraged to highlight this in their application. LMU is committed to broadening the participation of students in STEM fields, and applicants should include a statement describing their experience, demonstrated ability, and/or interest in promoting inclusion and diversity in the mathematical sciences.

The Mathematics Department, housed within Loyola Marymount University's College of Science and Engineering, is an inclusive community of 18 full-time faculty members and approximately 60 mathematics majors, 40 minors, and 15 Master of Arts in Teaching students. The department offers Bachelor of Science degrees in mathematics and applied mathematics, and a Bachelor of Arts designed for students interested in pursuing a career in mathematics education. A degree in bio-mathematics is currently available through LMU's individualized studies program. Faculty in the department work in many areas of pure and applied mathematics in an atmosphere of mutual respect and collegiality. The normal teaching load is 9 units per semester with the possibility of a reduced teaching load in the first two years. Additional information about the LMU Mathematics Department is available online at cse.lmu.edu/department/math. Salary is competitive and commensurate with background and experience. LMU provides comprehensive benefit offerings and robust support for faculty. For more information about our programs visit admin.lmu.edu/hr/totalrewards/benefits and academics.lmu.edu/ofd/newfacultyorientation which links to the latest Faculty Resource Guide.

Loyola Marymount University, a Carnegie classified R2 institution in the mainstream of American Catholic higher education, seeks qualified applicants who value its mission and share its commitment to inclusive excellence, the education of the whole person, and the building of a just society. LMU is an equal opportunity employer. Women, persons of color, LGBTQ and gender-nonconforming individuals, people living with disabilities, and others with diverse life experiences and beliefs are encouraged to apply. (Visit www.lmu.edu for more information.)

A complete application consists of a cover letter, curriculum vitae, statement on inclusion and diversity, statement on teaching experience and philosophy, a description of the applicant's current scholarship program, and three letters of recommendation, at least one of which addresses the applicant's teaching. Screening of applications will begin November 15, 2019. Apply online at jobs.lmu.edu/postings/40670. Please address questions to Professor Anna Bargagliotti, Hiring Committee Chair, at Anna.Bargagliotti@lmu.edu.

Two Tenure-track Positions in Mathematics at Carleton College

The Carleton College Department of Mathematics and Statistics anticipates hiring for two tenure-track positions in Mathematics, both at the Assistant Professor level, and both to begin September 1, 2020. Ph.D. in hand or imminent completion by that date is expected.   Appointment at a higher level may be considered in exceptional cases.

Carleton is a highly selective liberal arts college with a student body of approximately 2,000, located in the historic and thriving town of Northfield, Minnesota. We are in commuting distance of the Twin Cities of Minneapolis and St. Paul, whose greater metro area has a diverse population of three million people and a rich variety of cultural resources. Our academic year consists of three ten-week terms. The fourteen-member Department of Mathematics and Statistics resides in a modern building with excellent facilities including a dedicated computing lab. The faculty is passionate about teaching and active in scholarship. We are particularly interested in applicants who will contribute to a vibrant college-wide culture of undergraduate research, and who have a commitment to attracting and retaining students from underserved groups. For further information about the department consult the Carleton mathematics and statistics website at math.carleton.edu.

Applicants should submit a letter of interest, three letters of recommendation, a graduate transcript, a curriculum vitae, a statement about teaching in an undergraduate liberal arts environment and how you would contribute to a college community that embraces a diversity of people and perspectives as one of its core values, and a statement about research (including research with students) in an undergraduate liberal arts environment. At least one letter of recommendation should specifically address teaching experience. Electronic submission through MathJobs is strongly preferred but materials may be mailed to Math Search, Department of Mathematics and Statistics, Carleton College, 1 N College St., Northfield, MN 55057-4001. Inquiries may be emailed to mathsearch@carleton.edu.

Carleton College does not discriminate on the basis of race, color, creed, ethnicity, religion, sex, national origin, marital status, veteran status, actual or perceived sexual orientation, gender identity or expression, status with regard to public assistance, disability, or age in providing employment or access to its educational facilities and activities. We are committed to developing our faculty to better reflect the diversity of our student body and American society. Women and members of minority groups are strongly encouraged to apply.

To ensure full consideration all application materials should be received by November 15, 2019.

Tenure-track Position in Mathematics
at Pomona College

Pomona College invites applications for a tenure track position in the Department of Mathematics, at the rank of Assistant Professor, beginning July 1, 2020. We are looking for candidates who are committed to excellence in teaching and research, and who will be excited about mentoring students and supervising student research. The department has directed much effort towards creating a supporting community for all students, and is particularly interested in candidates who have experience working with students from diverse backgrounds and a demonstrated commitment to improving access to and success in higher education for underrepresented students.

The department invites applicants in the areas of Analysis, Topology, Geometry, or Probability broadly construed. Those who display fluidity in crossing barriers between pure and applied mathematics and/or are comfortable working with real-world data are particularly encouraged to apply. Duties of the position include teaching four semester courses per year, and the direction of student senior projects on a wide range of topics.

Pomona College is a highly selective residential liberal arts college attracting an economically and geographically diverse student body, located 35 miles east of downtown Los Angeles. It is the founding member of the Claremont Colleges, a consortium of seven institutions with over forty active mathematicians. Pomona College is an equal opportunity employer and especially invites applications from women and members of underrepresented groups.

Applications are to be submitted at [Mathjobs.org](). A complete application will include a curriculum vitae, graduate transcripts, at least three letters of recommendation (at least one of which evaluates teaching), a description, for the non-specialist, of research accomplishments and plans, a statement of teaching philosophy, and a [diversity statement](). Applications completed by December 1, 2019, will receive full consideration.

Tenure-Track Position in Computational Neuroscience at The University of Texas at Arlington

The Department of Mathematics at The University of Texas at Arlington invites applications for a tenure-track Assistant Professor position, beginning September 1, 2020, in Computational Neuroscience (broadly defined to include data driven modeling for brain research such as neural imaging, brain informatics, bio-inspired data science, mechanistic models, brain signal generation and propagation, brain disease modeling, etc.).   Applicants should have significant research and scholarly accomplishments in the field. Demonstrated excellence in research, effective teaching and a strong potential for external funding are essential. The salary and the start-up package will be competitive and commensurate with qualifications and   experience. The minimum qualification is an earned Ph.D. in Mathematical Sciences, Statistics, or Computer Science. At least two years of experience beyond the Ph.D. is preferable. Duties will include teaching and mentoring undergraduate and graduate students, conducting scholarly research, writing grant proposals, interdepartmental collaboration, and department and university service. Successful candidates will be expected to have close collaborations with other faculty at UTA in the areas of data driven discovery and health and human conditions.

UT Arlington is a public Doctoral University with Highest Research Activity (R1) in the Carnegie Classifi-cation of Institutions of Higher Education and part of the University of Texas system with an enrollment of about 40,000 students. *The Department of Mathematics   is the winner of the 2013 Award for Exemplary Program or Achievement in a Mathematics Department.* Serving more than 10,000 students every year, the department is a major center for mathematics research and education in the Dallas/Fort Worth Metroplex and north Texas. The department offers a variety of degree programs, including BA, BS, MA, MS, and PhD in Mathematics, Statistics and Mathematics Education. It currently has about 100 graduate students. As part of the university's College of Science, the department actively encourages interdisciplinary research efforts at the interface between mathematics, statistics, science, engineering and local industries. For more details, visit the Department's webpage at http://www.uta.edu/math and the University´s webpage at http://www.uta.edu.

Guided by the UTA Strategic Plan (https://www.uta.edu/strategicplan/), Bold Solutions | Global Impact, recently UTA has made substantial investments in faculty hiring and research infrastructure. This includes UT system privileged access to some of the world's most powerful super computing resources through the Texas Advanced Computing Center (TACC) (https://www.tacc.utexas.edu/). The data science and health research faculty may have laboratory and office space located in the new Science & Engineering Innovation & Research building (SEIR, https://www.uta.edu/seir/), a $125M, 230,000 sq. ft. state-of-the-art research facility, which is the signature center for research at UTA.

Applicants must submit electronically via http://www.mathjobs.org a letter of application plus a complete curriculum vitae, statement on research interests, statement of teaching philosophy that addresses evidence of teaching experience and effectiveness, and an American Mathematical Society (AMS) cover sheet. Applicants should arrange to have at least three letters of recommendation uploaded to http://www.mathjobs.org. At least one should address teaching. Inquiries about the position may be directed to mathsearch@uta.edu. Review of applications will begin on October 15, 2019, and will continue until the position is filled. Persons from groups historically underrepresented in Science, Technology, Engineering and Mathematics are encouraged to apply.

UTA is an Equal Opportunity/Affirmative Action institution. Minorities, women, veterans and persons with disabilities are encouraged to apply. Additionally, the University prohibits discrimination in employment on the basis of sexual orientation. A criminal background check will be conducted on finalists. The UTA is a tobacco free campus.

Tenure-Stream Position in Data Science at The University of Texas at Arlington

The Department of Mathematics at The University of Texas at Arlington invites applications for a tenure-stream faculty position, beginning September 1, 2020, in Data Science (broadly defined to include machine learning, Artificial Intelligence, Bayesian statistics, bio-statistics, etc.). The rank of the faculty position is open and commensurate with qualifications and experience of candidates. Candidates may be considered for appointment at the level of Assistant Professor, and exceptional candidates eligible for appointment at the rank of Full Professor or Associate Professor can also be considered. Applicants should have significant research and scholarly accomplishments in the field. Demonstrated excellence in research, effective teaching and a strong potential for external funding are essential, and a demonstrated record of significant external funding is expected for senior faculty candidates. The salary and the start-up package will be competitive and commensurate with qualifications and experience. The minimum qualification is an earned Ph.D. in Mathematical Sciences, Statistics, or Computer Science. At least two years of experience beyond the Ph.D. is preferable. Duties will include teaching and mentoring undergraduate and graduate students, conducting scholarly research, writing grant proposals, interdepartmental collaboration, and department and university service. Successful candidates will be expected to have close collaborations with other faculty at UTA in the areas of data driven discovery and health and human conditions and contribute to the development of data science degree programs.

UT Arlington is a public Doctoral University with Highest Research Activity (R1) in the Carnegie Classification of Institutions of Higher Education and part of the University of Texas system with an enrollment of about 40,000 students. *The Department of Mathematics is the winner of the 2013 Award for Exemplary Program or Achievement in a Mathematics Department.* Serving more than 10,000 students every year, the department is a major center for mathematics research and education in the Dallas/Fort Worth Metroplex and north Texas. The department offers a variety of degree programs, including BA, BS, MA, MS, and PhD in Mathematics, Statistics and Mathematics Education. It currently has about 100 graduate students. As part of the university's College of Science, the department actively encourages interdisciplinary research efforts at the interface between mathematics, statistics, science, engineering and local industries. For more details, visit the Department's webpage at http://www.uta.edu/math and the University´s webpage at http://www.uta.edu/.

Guided by the UTA Strategic Plan (https://www.uta.edu/strategicplan/), Bold Solutions | Global Impact, recently UTA has made substantial investments in faculty hiring and research infrastructure. This includes UT system privileged access to some of the world's most powerful super computing resources through the Texas Advanced Computing Center (TACC) (https://www.tacc.utexas.edu/). The data science and health research faculty may have laboratory and office space located in the new Science & Engineering Innovation & Research building (SEIR, https://www.uta.edu/seir/), a $125M, 230,000 sq. ft. state-of-the-art research facility, which is the signature center for research at UTA.

Applicants must submit electronically via http://www.mathjobs.org a letter of application plus a complete curriculum vitae, statement on research interests, statement of teaching philosophy that addresses evidence of teaching experience and effectiveness, and an American Mathematical Society (AMS) cover sheet. Applicants should arrange to have at least three letters of recommendation uploaded to http://www.mathjobs.org. At least one should address teaching. Inquiries about the position may be directed to mathsearch@uta.edu. Review of applications will begin on October 15, 2019, and will continue until the position is filled. Persons from groups historically underrepresented in Science, Technology, Engineering and Mathematics are encouraged to apply.

UTA is an Equal Opportunity/Affirmative Action institution. Minorities, women, veterans and persons with disabilities are encouraged to apply. Additionally, the University prohibits discrimination in employment on the basis of sexual orientation. A criminal background check will be conducted on finalists. The UTA is a tobacco free campus.