

## Upcoming Events

**MAA-AMS Joint Math Meetings**

Atlanta, GA

January 4-7, 2017

**Gulf States Alliance Conference**

The Univ. of Texas at Arlington

February 24-26, 2017

**SIDIM**

University of Puerto Rico in Ponce

March 3-4, 2017

**Fostering Diversity in Biostatistics**

Washington, DC

March 12, 2017

## Field of Dreams Conference

Thank you to everyone who attended the 2016 Field of Dreams Conference in St. Louis. There was a detailed newsletter about the conference emailed out earlier.

Save the date for the 2017 Field of Dreams Conference, it will be November 3-5, 2017.

## REU Reminder

If you are an undergraduate scholar looking for a summer research opportunity, now is the time to apply! Many REU programs have opened their applications process and their deadlines are in January and February.

*Check out our webpage for a list of REU Opportunities.*

## University of Pennsylvania-Bridge to PhD Program

There is a new Master's degree program in mathematics at the University of Pennsylvania called *Bridge to PhD*. The goal of this program is to increase the number of PhD's awarded in mathematics at Penn to members of groups that are traditionally underrepresented.

This program is different than typical Master's programs as students will be fully funded and prepared for entry into our PhD program. Therefore, we are seeking students with the persistence and passion to pursue the training they need to be ready for a PhD in mathematics. *Bridge to PhD* will provide students with a nurturing atmosphere, close mentoring, and opportunities to perform high-level mathematics research.

For more details, see <http://bridge.math.upenn.edu>.

## Iowa Summer Institute in Biostatistics

Iowa Summer Institute in Biostatistics -University of Iowa College of Public Health, June 3 – July 21, 2017.

The [Iowa Summer Institute in Biostatistics](#) (ISIB) objective is to provide biostatistical training and applied research opportunities to undergraduates. ISIB is 7 weeks: Instruction will be through case based instruction of real biomedical research; computer laboratory training; projects; and clinical and translational research enrichment activities. Students will be matched with a Biostatistics faculty member for their research projects. The projects will give students exposure to research and opportunities to see medical science in action through biostatistics. After the supervised research, students present their accomplished research during a Research Symposium. Students will also receive advice regarding graduate school programs and the application process, as well career opportunities in the field of biostatistics. There are no fees or tuition costs associated with participation in the program. Roundtrip transportation, housing and meal allowance will be provided, as well as tuition for the 3 s.h. course.

For additional information and online application: <http://www.public-health.uiowa.edu/isib/>.

# NAM Events and Other Events of Interest at the 2017 JMM

The 2017 Joint Mathematics Meetings will take place from Wednesday, January 4 through Saturday, January 7 in Atlanta, GA <http://jointmathematicsmeetings.org/jmm>. The National Association of Mathematicians, Inc. (<http://www.nam-math.org>) will host a series of events during the 2017 JMM to celebrate the works and lives of underrepresented minorities in the mathematical sciences. For more information, see <http://www.nam-math.org/jmm-events.html>.

## MAA Minority Chairs Meeting

Wednesday January 4 from 7:00 AM -8:45 AM  
University, Conference Level, Hyatt Regency Atlanta

## Hrabowski-Gates-Tapia-McBay Session

Ricardo Cortez (Tulane University)  
Wednesday January 4, 2017 from 9:00 AM –10:20 AM  
A704, Atrium Level, Marriott Marquis Atlanta  
-Mariel Vazquez (University of California at Davis)  
Packing, Folding and Simplifying DNA Topology

## AWM Business Meeting

Wednesday January 4 from 3:45 PM -4:15 PM  
A707, Atrium Level, Marriott Marquis Atlanta

## AMS Committee on the Profession Panel Discussion

Diversity and Inclusion in the Mathematical Sciences  
Pamela Gorkin (Bucknell University), Monica Jackson (American University),  
John McCleary (Vassar College)  
Wednesday January 4 from 4:30 PM { 6:00 PM  
A601, Atrium Level, Marriott Marquis Atlanta  
Carlos Castillo-Chavez (Arizona State University), Duane Cooper (Morehouse College), Kristin Lauter (Microsoft Corporation), Talithia Williams (Harvey Mudd College), Moderated by Helen G. Grundman (AMS)

## Special Panel Presentation

The Mathematics and Mathematicians Behind Hidden Figures  
Wednesday January 4 from 6:30 PM -8:00 PM  
A704, Atrium Level, Marriott Marquis Atlanta

## AWM Reception and Awards Presentation

Wednesday January 4 from 9:30 PM -11:00 PM  
Imperial Ballroom B, Marquis Level, Marriott Marquis Atlanta

## AMS-NAM Joint Special Session on The Mathematics of the Atlanta Univ. Center

Talitha Washington (Howard University)  
Monica Jackson (American University)  
Colm Mulcahy (Spelman College)  
Thursday, January 5 from 8:00 AM -11:50 AM  
M101, Marquis Level, Marriott Marquis Atlanta  
-8:00 AM -8:20 AM Ronald E. Mickens (Clark Atlanta University)  
Applied Mathematics Research at Atlanta Univ./Clark Atlanta Univ.: 1980-2015  
-8:30 AM -8:50 AM Samuel J. Ivy (United States Military Academy)  
Generalizing Parabolic Subsets from Involutorial Automorphisms  
-9:00 AM -9:20 AM Monica Christine Jackson (American University)  
Race matters: analyzing the relationship between colorectal cancer mortality rates and various factors within respective racial groups  
-9:30 AM -9:50 AM Michael P. Johnson (Univ. of Massachusetts at Boston)  
Community Data Analytics: Localized Data Analysis and Decision Modeling in the Era of 'Big Data' and Smart Cities"  
-10:00 AM -10:20 AM Shelby Nicole Wilson (Morehouse College)  
Mathematical Model of Temperature Effects on Human Sleep Regulation  
-10:30 AM -10:50 AM Karen D. King (National Science Foundation)  
Why a mathematics degree? Implications of a Mathematics Major for Secondary Teachers  
-11:00 AM -11:20 AM Charles C. Earl (Automatic)  
AI and Communities of Color: What Questions Should We Be Asking?  
11:30 AM -11:50 AM Tepper L. Gill (Howard University)  
Non-uniqueness of the dual of a Banach space and its application

## AMS-NAM Joint Special Session on The Mathematics of the Atlanta University Center

Talitha Washington (Howard University)  
Monica Jackson (American University)  
Colm Mulcahy (Spelman College)  
Thursday, January 5 from 1:00 PM -3:50 PM  
M101, Marquis Level, Marriott Marquis Atlanta  
-1:00 PM -1:50 PM Johnny L. Houston (Elizabeth City State Univ.)

The Culture and History of Mathematics In The Atlanta Univ. Center  
-2:00 PM -2:20 PM Sandra Rucker (Clark Atlanta University)  
A Historical Perspective of Mathematics at Morris Brown College  
-2:30 PM -2:50 PM Colm Mulcahy (Spelman College)  
A century of mathematical excellence at Spelman College  
-3:00 PM -3:20 PM Sylvia T. Bozeman (Spelman College)  
Mathematics at Spelman College: Mission Possible  
-3:30 PM -3:50 PM Duane Cooper (Morehouse College)  
Morehouse Mathematics: Making a Difference from "Pop" through "Doc" to the Present

## Granville-Brown-Haynes Session of Presentations by Recent Doctoral Recipients

Talitha M. Washington (Howard University)  
Friday, January 6 from 1:00 PM -4:00 PM  
A708, Atrium Level, Marriott Marquis Atlanta  
-1:00 PM -1:20 PM Piper A. Harron (University of Hawaii at Manoa)  
Equidistribution of Shapes of Number Fields of degree 3, 4, & 5  
-1:30 PM -1:50 PM Nourridine Siewe (NIMBioS)  
Granuloma Formation in Leishmaniasis: A Mathematical Model  
-2:00 PM -2:20 PM Deidra Andrea Coleman (Philander Smith College) A Bayesian False Discovery Approach to Syndromic Surveillance  
2:30 PM -2:50 PM Cris Negron (Massachusetts Institute of Technology) Hopf algebras, tensor categories, and gauge invariants  
-3:00 PM -3:20 PM Ashley K. Wheeler (University of Arkansas)  
Finiteness of Associated Primes of Local Cohomology Modules over Stanley-Reisner Rings  
3:30 PM -3:50 PM Valerie N. Nelson (Howard Univ./Dept. of Defense)  
Existence Results for Some Higher-Order Abstract Differential Equations with Applications to PDEs

## NAM Banquet

Friday, January 6 from 6:00 PM -8:35 PM  
Imperial Ballroom B, Marquis Level, Marriott Marquis Atlanta  
-6:00 PM -6:30 PM Cash Bar Reception  
-6:30 PM -7:30 PM Dinner  
-7:30 PM -7:45 PM NAM Lifetime Achievement Award  
Nagambal Shah (Spelman College)  
-7:45 PM -8:35 PM Cox-Talbot Address  
Garikai Campbell (Morehouse College)  
The Changing Higher Education Landscape: One Mathematician Turned Administrator's View

## NAM Panel Discussion

Transforming Post-Secondary Education (TPSE) Mathematics:  
Implications for the Preparation of  
African American Undergraduates and Institutions  
Saturday January 7, 2017, 9:00 AM -9:50 AM  
A708, Atrium Level, Marriott Marquis Atlanta  
Frank Ingram (Winston-Salem State University)  
Sylvester James Gates, Jr. (University of Maryland at College Park)  
Asamoah Nkwanta (Morgan State University)  
Suzanne L. Weekes (Worcester Polytechnic Institute)  
Moderated by Duane Cooper (Morehouse College)

## NAM Business Meeting

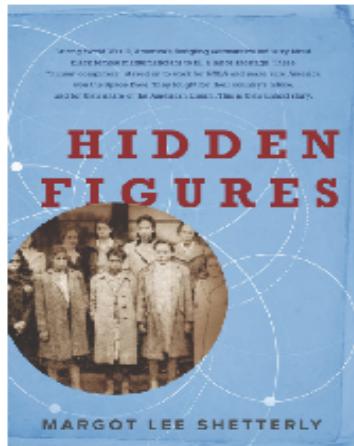
Saturday January 7 from 10:00 AM -10:50 AM  
A708, Atrium Level, Marriott Marquis Atlanta

## NAM Claytor-Woodard Lecture

Saturday January 7 from 1:00 PM { 1:50 PM  
A708, Atrium Level, Marriott Marquis Atlanta  
-Wilfrid Gangbo (University of California at Los Angeles)  
Paths of minimal lengths on the set of exact differential k-forms



## Panel: The Mathematics and Mathematicians Behind *Hidden Figures*



forefront of space flight.

Join the fun as a panel explores the inspiring work of these mathematicians, some of whose lives are captured in the recently released *Hidden Figures* movie. Featured panelists include:

- Dr. Christine Darden, leader of the Sonic Boom Team at NASA
- Dr. Ulrica Wilson of Morehouse College, highlighting the mathematics of "computer" Dorothy Hoover.

Learn about their preparation, persistence in the face of social and political obstacles, and unconventional career paths that led to seminal contributions within the U.S. space program.

*Don't miss the celebration of this inspiring discovery, with mathematics, movie clips, and more!*



Hear first-hand from author Margot Lee Shetterly, whose research uncovered the mathematical contributions of a group of African-American women, first known as "computers" and whose mathematical achievements took them to the

**Date:** Wednesday January 4, 2017  
**Time:** 6:30 pm - 7:50 pm  
**Location:** JMM A704, Atrium Level, Marriott Marquis Atlanta

**Sponsored by:** American Mathematical Society, Association for Women in Mathematics, Building Diversity in Science, Enhancing Diversity in Graduate Education, National Association of Mathematicians

# USTARS 2017

**USTARS 2017 will be held on March 30 – April 2, 2017 in Amherst, Massachusetts.**



We are excited to announce that the seventh annual Underrepresented Students in Topology and Algebra Research Symposium will be hosted by Amherst College March 31- April 2, 2017.

USTARS is an annual conference where students at all stages in their research present their work and form research and social support networks with other mathematicians with related research and professional interests. USTARS provides an invaluable opportunity for students who have not yet chosen a research topic, or have switched areas of study, to learn about potential research topics.

Presenters at USTARS give 30-minute research talks on various topics in the fields of topology and algebra. Two graduate students are chosen to give 1-hour presentations as the Distinguished Graduate Students (DGS). As this year's Invited Faculty Speaker, Dr. Chelsea Walton (Temple University) will give the keynote address. In addition to the student lectures, a poster session highlights undergraduate research, and an early-career faculty development workshop precedes the symposium.

**Application Deadline:** January 7, 2017

Visit us at [www.ustars.org](http://www.ustars.org) to apply and for additional information about USTARS events.

## SAMSI's Workshop on the Interface of Statistics and Optimization

**Optimization: Workshop on the Interface of Statistics and Optimization (WISO) February 8-10, 2017**

**Apply for workshop:** [www.samsi.info/opt-wiso](http://www.samsi.info/opt-wiso) Application deadline is December 19, 2016.

**Location:** Penn Pavilion at Duke University, Durham, NC    **Questions:** email [opt@samsi.info](mailto:opt@samsi.info)

The integration and cross-fertilization between statistics and optimization is urgent and productive. Traditionally, optimization has merely been used as a tool to compute numerical solutions for statistical problems, while optimization theory and algorithms have rarely supported statistical techniques. This compartmental approach is proving to be non-optimal. More and more statistical tools are being developed by borrowing strengths from optimization, while optimization is looking to statistics for new insights, speed and robustness. This workshop will bring together researchers who are pioneers in the synergy of statistics and optimization. It will serve SAMSI's mission to forge a synthesis of the statistical sciences and the applied mathematical sciences with disciplinary science to confront the very hardest and most important data- and model-driven scientific challenges. The workshop will also address contemporary issues with potentially significant impact in industrial applications.

### **Confirmed Speakers:**

Yonina Eldar (Technion-Israel Institute of Technology)

Alex Gray (Skytree)

Michael Jordan (University of California-Berkeley)

Kenneth Lange (UCLA)

Arkadi Nemorivski (Georgia Tech)

Alex Shapiro (Georgia Tech)

Martin Wainright (University of California-Berkeley)

Margaret Wright (Courant Institute-New York)

Steve Wright (University of Wisconsin-Madison)

### **Workshop Organizers:**

Xiaoming Huo, Georgia Tech

Dirk Lorenz, Technische Universität Braunschweig

Ekkehard Sachs, University of Trier

Hua Zhou, UCLA

SAMSI Directorate liaison: Ilse Ipsen



## Join us for the 2017 Fostering Diversity in Biostatistics Workshop

The Eastern North American Region (ENAR) of the International Biometric Society will be hosting the 2017 Fostering Diversity in Biostatistics Workshop. The workshop will focus on connecting underrepresented minority students interested in biostatistics with professional statisticians in academia, government and industry.

Sunday, March 12, 2017

12:00-6:00pm

Washington Hilton

1919 Connecticut Ave NW  
Washington, DC 20009



**Keynote Speaker:**

**Dr. Melody Goodman**

Assistant Professor, Dept. of Surgery

Washington University School of Medicine in St. Louis

**The workshop will feature:**

- Panel discussions between students and professionals focusing on career opportunities, mentoring, recruiting, and retaining students.
- Panel discussions between junior and senior students to discuss strategies for success in graduate programs.
- Small groups to facilitate networking and discussion among students and professionals.
- An interactive session among undergraduates and representatives from schools offering MS and PhD degrees in Biostatistics.

Register online at: <http://enar.org/meetings/diversity/index.cfm>  
Lunch will be provided for all registered participants. Travel reimbursement is available. Registration is required for consideration.



2016 Workshop  
Attendees

To learn more about the workshop, please contact:

Dr. Sean L. Simpson  
Associate Professor  
Wake Forest School of Medicine  
Department of Biostatistical Sciences  
Phone: (336) 716-8369  
Email: [sjmpso@wakehealth.edu](mailto:sjmpso@wakehealth.edu)

Dr. Emma K. T. Benn  
Assistant Professor  
Center for Biostatistics  
Department of Population Health Science and Policy  
Icahn School of Medicine at Mount Sinai  
Phone: (212) 659-9613  
Email: [emma.benn@mssm.edu](mailto:emma.benn@mssm.edu)



**ENAR**

## Tenure Track Faculty Opening at Penn State University

The Department of Mathematics is seeking exceptional applicants for one tenure or tenure-track faculty position specializing in big data research with mathematics background in one or more areas of high-dimensional geometry, algebraic geometry, algebraic topology, computational geometry, topological data analysis, representation theory and non-commutative harmonic analysis, homological algebra, randomized numerical linear algebra, recurrent neural networks, and multiple areas in machine learning including deep learning. A Ph.D. is required.

Applicants must complete the Penn State application at <https://psu.jobs/job/67556> and must submit an application through Mathjobs.org (<https://www.mathjobs.org/jobs>) with the following materials in order for the application to be complete: (1) at least three reference letters, one of which should address in detail the candidate's abilities as a teacher, (2) Curriculum Vitae, (3) Publication List, (4) Research Statement, and (5) Teaching Statement. We encourage applications from individuals of diverse backgrounds. Review of applications will begin January 15, 2017 and continue until the position is filled.

## Assistant Professor in Mathematics at Indiana Univ. Northwest

The Department of Mathematics and Actuarial Science at Indiana University Northwest invites applications for a tenure-track position at the Assistant Professor level, starting in August of 2017. Our Department currently supports undergraduate degrees in Mathematics (BS, BA, Minor) and Actuarial Science (BS).

The successful candidate is expected to teach three courses per semester at all levels of the undergraduate Mathematics curriculum, develop a strong research program and participate in departmental and campus-wide service activities.

Individuals must apply online at <https://indiana.peopleadmin.com/postings/3118> uploading a letter of application, curriculum vitae, statement of research interests, and a statement of teaching philosophy. In addition, three letters of recommendation must be sent directly from recommenders to [ihozo@iun.edu](mailto:ihozo@iun.edu). At least one letter must address candidate's teaching.

Review of applications will begin on December 1st, and will continue until the position is filled. Questions concerning the position may be sent to [ihozo@iun.edu](mailto:ihozo@iun.edu). Required Qualifications: a PhD in Mathematics or closely related field is required at the time of appointment. The candidate must have excellent communication skills and a strong commitment to teaching and scholarship. Teaching experience at the undergraduate level is required.

EIMS ad: <http://eims.ams.org/jobs/8587094/>

## Tenure Track Assistant Prof. of Math Opening at Bowdoin College

The Department of Mathematics at Bowdoin College invites applications for a tenure-track position at the rank of assistant professor beginning Fall 2017. Our search will focus on the fields of number theory or ergodic theory and theoretical dynamics, areas which complement the research interests of our faculty.

We are particularly interested in mathematicians whose research areas include both theoretical and computational aspects. The Mathematics Department welcomes applications from candidates committed to the instruction and support of a diverse student population and those who will enrich and contribute to the ethnic and cultural balance of the College.

Bowdoin College accepts only electronic submissions. Please visit <http://www.MathJobs.org> to submit a cover letter, AMS application cover sheet, curriculum vitae, statements on research and teaching, and at least three letters of recommendation. One letter should address teaching. Review of applications will begin on December 7, 2016, and will continue until the

position is filled. We expect to participate in the Mathematical Sciences Employment Center at the Joint Mathematics Meetings in Atlanta in January 2017. Please indicate in your cover letter if you plan to attend the joint meetings, and if you are giving a talk.

## Assistant Professor openings at The Univ. of Texas at Arlington

The Department of Mathematics at The University of Texas at Arlington invites applications for two tenure-track Assistant Professor positions beginning September 1, 2017. Applicants should have significant research and scholarly accomplishments in one of the two following fields. The first field is big data, large scale computations and optimization. The second field is inverse problems with special interest in applications to medical imaging. Demonstrated excellence in research, effective teaching and a strong potential for external funding are essential. The salary will be competitive and commensurate with qualifications and experience. The minimum qualification is an earned Ph.D. in mathematics. At least two years of experience beyond the Ph.D. is preferable. Duties will include teaching and mentoring undergraduate and graduate students, doing 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 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 web page at <http://www.uta.edu/math> and the University's webpage <http://www.uta.edu>.

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](mailto:mathsearch@uta.edu). Review of applications will begin on January 15, 2017, and will continue until the position is filled. Persons from groups historically underrepresented in Science, Technology, Engineering and Mathematics are encouraged to apply.

## Position Openings at Wayne State University

The Department of Mathematics at Wayne State University invites applications for a tenure-track or tenured position at the Assistant Professor, Associate Professor, commencing in fall, 2017. The Department is primarily interested in hiring in algebra or analysis. Applications should include a detailed vita, description of current research interests, and four letters of recommendation, one of which should address teaching. Evidence of effective teaching at the undergraduate level is preferred to a statement of teaching philosophy. A Ph.D. in mathematics and a strong interest in research and teaching are required. Applications received by December 16, 2016 will be given priority. The position will be posted at <https://jobs.wayne.edu>. Applicants must apply online through this website. For further information please consult the department's website, <http://www.math.wayne.edu>.

Two Assistant Professor (Research) positions for two academic years, beginning Fall 2017. A recent Ph.D. in mathematics or a related field is required. Applicants should have strong interests in both research and teaching and will be expected to teach three courses per academic year. Applicants should upload a signed, detailed vita, and description of current research interests to [mathjobs.org](http://mathjobs.org), and also arrange for four letters of recommendation to be posted there. One of the letters should address teaching. The positions are posted at [jobs.wayne.edu](http://jobs.wayne.edu) and applicants must also apply on this site. Preference will be given to applications received before Tuesday, January 17, 2017. For further information, please consult the department's website, [clas.wayne.edu/math](http://clas.wayne.edu/math).

Wayne State University is a premier, public, urban research university located in the heart of Detroit where students from all backgrounds are offered a rich, high quality education. Our deep rooted commitment to excellence, collaboration, integrity, diversity and inclusion creates exceptional educational opportunities preparing students for success in a diverse, global society. WSU encourages applications from women, people of color and other underrepresented people. WSU is an affirmative action/equal opportunity employer.

## Lecturer in Statistics Opening at Amherst College

Applications are invited for a position as a lecturer in statistics with an appointment to begin July 1, 2017. Submit cover letter, curriculum vitae, teaching statement, and at least three letters of recommendation that specifically address teaching, to MathJobs.Org. Applications will be accepted until the position is filled, but all applications received by October 31, 2016, will be guaranteed consideration.

See [https://www.amherst.edu/academiclife/dean\\_faculty/faculty\\_hiring/employment](https://www.amherst.edu/academiclife/dean_faculty/faculty_hiring/employment) for details of the position, and <https://www.amherst.edu/academiclife/departments/mathematics-statistics/> for details about the department.

## Assistant Professor Opening at California State University, Fresno

California State University, Fresno (Fresno State) is currently searching for a tenure-track, assistant professor of mathematics with a specialty in Combinatorial/Discrete Geometry or Algebraic Geometry (position No. 13032), to join our faculty in August 2017.

An ideal candidate must have successful experience teaching mathematics college courses, and have research expertise in Combinatorial/Discrete Geometry or Algebraic Geometry, including a recent publication record in the area. Also, Fresno State has been recognized as a Hispanic-Serving Institution (HSI), an Asian American/Native American/Pacific Islander-Serving Institution (AANAPISI), and has been designated to the Community Engagement Classification by The Carnegie Foundation for the Advancement of Teaching; Fresno State strives to provide excellent academic experiences for students of diverse backgrounds. Hence, ability to demonstrate a commitment to working effectively with faculty, staff, and students from various ethnic, cultural, and socioeconomic backgrounds is also required.

Candidates who want to apply for this position, or want more information about it, should visit <http://www.fresnostate.edu/adminserv/hr/jobs/>. Review of applications will begin December 1, 2016, and will continue until the position is filled.

For inquiries, contact: Dr. Oscar Vega, Search Committee Chair; Department of Mathematics; CSU, Fresno; 5245 N. Backer Avenue, MS PB 108; Fresno, CA 93740-8001; Phone: 559.278.4903; E-mail: [ovega@csufresno.edu](mailto:ovega@csufresno.edu).

## Tenure Track Assistant Prof. of Math Opening at Amherst College

Amherst College has a tenure-track position in mathematics at the rank of assistant professor. We seek applicants who can teach and encourage students of diverse backgrounds, including first-generation college students, international students, and students with varying mathematical preparation. Amherst College is an equal opportunity employer and encourages women, persons of color, and persons with disabilities to apply.

The college is committed to enriching its educational experience and its culture through the diversity of its faculty, administration, and staff. Responsibilities include teaching two courses per semester and supervising undergraduate theses.

Requirements: Ph.D. in mathematics or a related field, strong commitment to research, passion for teaching. Submit cover letter, curriculum vitae, list of publications, research statement, teaching statement, and at least three letters of recommendation, including at least one specifically addressing teaching, to [MathJobs.Org](#). Applications accepted until the position is filled; those received by December 1, 2016, will be guaranteed consideration.

## Lecturer in Math Opening at University of Pittsburgh

The Department of Mathematics at University of Pittsburgh invites applications for two non-tenure stream Lecturers to begin in the Fall Term 2017, pending budgetary approval. The initial appointment is for 3 years and the positions are renewable. A Ph.D. in Mathematical Sciences or a closely related discipline is required. We seek excellence in teaching. For one of the positions, applicants with experience related to actuarial math are particularly encouraged to apply. Send a vita, three letters of recommendation, and a teaching portfolio including a statement of teaching philosophy, sample course syllabi and assignments, and evaluations of teaching by students or supervisors, electronically through [www.mathjobs.org](http://www.mathjobs.org). Review of completed files will begin on January 20, 2017 and continue until the positions are filled.

## Visiting Assistant Professor Position at Purdue University

**Golomb Visiting Assistant Professors** –These three-year positions intended for recent Ph.D.s will commence August 2017 and are open to mathematicians who demonstrate exceptional research promise and a strong teaching record. Ph.D. (or its equivalent) in mathematics or closely related field by August 14, 2017 is required.

Applicants should have research interests in common with Purdue faculty. Duties include teaching undergraduate and graduate mathematics courses. Applications should be submitted online through [www.mathjobs.org/jobs/jobs/9085](http://www.mathjobs.org/jobs/jobs/9085) and should include: the AMS cover sheet for academic employment, a curriculum vitae, a research statement, and three letters of recommendation, one of which discusses the candidate's teaching qualifications.

Reference letter writers should be asked to submit their letters online through [www.mathjobs.org/jobs/jobs/9085](http://www.mathjobs.org/jobs/jobs/9085). Direct all inquiries to [mathhead@purdue.edu](mailto:mathhead@purdue.edu). Screening of applications will begin November 14, 2016 and continue until filled. Some offers will be made before the end of January 2017. For more information see [www.math.purdue.edu/](http://www.math.purdue.edu/).

## Grad Student Grant Opportunities with Social Security Administration

**Sandell Grant Program**-The Center for Retirement Research at Boston College sponsors the annual Steven H. Sandell Grant Program for scholars in the field of retirement income and policy research. The program is funded by the U.S. Social Security Administration to provide opportunities for junior scholars or senior scholars in a new area from all academic disciplines to pursue cutting-edge projects on retirement income issues.

- Up to five grants of \$45,000 will be awarded for one-year projects.
- Proposal guidelines are at <http://crr.bc.edu/about-us/grant-programs/steven-h-sandell-grant-program-2/>.
- The submission deadline is January 31, 2017.

**Dissertation Fellowship Program**- The Center for Retirement Research at Boston College sponsors the annual Dissertation Fellowship Program in the field of retirement income and policy research. The program is funded by the U.S. Social Security Administration to provide funding opportunities for doctoral candidates from all academic disciplines to pursue cutting-edge research on retirement income issues.

- Up to five fellowships of \$28,000 will be awarded.
- Proposal guidelines are at <http://crr.bc.edu/about-us/grant-programs/dissertation-fellowship-program-2/>.
- The submission deadline is January 31, 2017.

**Research Projects on Determinants of Life Expectancy by Income and Geography, and Implications for Social Security Policy.** The National Bureau for Economic Research (NBER), seeks applications for research projects that deepen our understanding of the mechanisms explaining geographic variation in the relationship between income and life expectancy in the United States, by using recently released statistics from the Health Inequality Project. In this call, with funding support from the Social Security Administration through the NBER Retirement Research Center, we encourage proposals that leverage the newly released data to better understand the reasons for the strong relationship between

income and life expectancy, its geographic variability, and its implications for interventions and policy.

- Faculty or faculty-student teams may request a total of up to \$25,000. Graduate students may request a total of up to \$12,500.
- Proposal guidelines and details are at <http://www.nber.org/programs/ag/funding.html>.
- The submission deadline is February 1, 2017.