

**DUE DATES FOR COMMON SOURCES OF FUNDING:
FACULTY and GRAD STUDENTS**

***Not complete; see the Resources page to find others**

***All EXTERNAL grant proposals should be to Wendy Harris
7-10 working days before the deadlines show below;
internal grants do not have to run through Math***

DUE IN JANUARY

January 8, 2015 (estimated based on previous year)

OVCR Scholars' Travel Fund

<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

January 3, 2015 (estimated based on previous year)

Marquette University

Arnold L. Mitchem Dissertation Fellowship

<http://www.marquette.edu/provost/mitchem-dissertation-program.shtml>

Graduate students writing their dissertation; \$35,000 to be in residence at Marquette.

January 5, 2015 (letter of intent due; proposal due March 3, 2015)

National Science Foundation: Industry/University Cooperative Research Centers Program

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5501&org=NSF&sel_org=NSF&form=fund

Faculty and PhD holders. Develops long-term partnerships among industry, academe, and government

January 10, 2015 (estimated based on previous year)

American Association of University Women: Selected Professions Fellowships

<http://www.aauw.org/what-we-do/educational-funding-and-awards/selected-professions-fellowships/selected-professions-fellowships-application/>

Any level. For women who intend to pursue a full-time course of study in one of the designated programs where women's participation is traditionally low (ie. mathematics)

January 7, 2015 (estimated based on previous year)

Department of Energy Computational Science Graduate Fellowship

<http://www.krellinst.org/csgf/>

Grad students. For students pursuing PhD in disciplines with emphasis in high performance computing; areas of interest include Applied Mathematics

January 10, 2015

National Science Foundation: Algorithms for Threat Detection

<http://www.nsf.gov/pubs/2012/nsf12502/nsf12502.htm>

Calls for new and improved mathematical and statistical methods and high performance algorithms to speed DNA data sequencing. Beyond methods to sample and organize the sheer amount of data in a meaningful way, challenges include development of quantitative methods and models to estimate errors for the various sequencing platforms; algorithms and mathematical estimates of the reliability of genomes

assembled from short gapped reads; approaches to distinguish sequence-determination errors from biological polymorphism and mutation; and means to distinguish among multiple genomes within a single dataset, particularly when those different genomes are represented at vastly different abundance.

January 15, 2015 (estimated based on previous years)

American Association for the Advancement of Science
AAS Mass Media Science and Engineering Fellows Program
<http://www.aaas.org/programs/education/MassMedia/index.shtml>
Graduate students and PhD holders; 10 weeks summer program with placement at media organizations

AT&T Labs: Internship program
http://www.research.att.com/evergreen/working_with_us/internships.html
Graduating senior or first two years of grad school. Includes math majors.

January 16, 2015

National Science Foundation: SBE Doctoral Dissertation Research Improvement Grants (Methodology, Measurement, and Statistics)
<http://www.nsf.gov/sbe/ses/mms/diss1.jsp>
Grad students.

January 18, 2015

National Science Foundation: SBE Doctoral Dissertation Research Improvement Grants (Decision, Risk, and Management Sciences)
<http://www.nsf.gov/sbe/ses/drms/ddrip1.jsp>
Grad students.

January 22, 2015 (estimated based on previous year)

University of Illinois Campus Research Board
<http://crb.research.illinois.edu/content/ApplicationDeadlines.aspx>
Faculty.

January 25, 2015 (estimated based on previous year)

UIUC Office of the Provost
University Distinguished Teacher-Scholar Program
<http://www.provost.illinois.edu/programs/distinguished/index.html>
Faculty or instructors with at least five years' experience on campus. Tenure preferred. Funds up to \$15,000 and permanent appointment title change.

January 28, 2015 (estimated based on previous year)

Boren Fellowships
<http://www.borenawards.org/borenfellowship>
Grad students. international study

January 31, 2015

Simons Foundation: Collaboration Grants for Mathematicians
<https://simonsfoundation.org/funding-guidelines/current-funding-opportunities/collaboration-grants-for-mathematicians>
Those with PhD degree in last four years but who does not currently have substantial support for research or travel. \$5,000 per year for 5 years.

DUE IN FEBRUARY

February 1, 2014

Association for Women Mathematics: Travel Grants for Women Researchers

<http://www.awm-math.org/travelgrants.html>

Women with doctorates.

Association for Women in Mathematics: Mathematics Mentoring Travel Grants for Women

<http://www.awm-math.org/travelgrants.html>

Women with doctorates. Travel funds for women to attend conference or meeting in applicants field of specialization.

Association for Women in Mathematics: Mathematics Education Research Travel Grants

<http://www.awm-math.org/travelgrants.html>

Women with doctorates. mathematics education focus.

Association for Women in Mathematics: Mathematics Education Research Mentoring Travel Grants

<http://www.awm-math.org/travelgrants.html>

Women with doctorates. mathematics education focus.

Dartmouth College: Chavez/Eastman/Marshall Dissertation Fellowships

<http://graduate.dartmouth.edu/funding/fellowships/cem.html>

Grad students. provides opportunity to complete final PhD work at Dartmouth

Educational Testing Service: Summer Internship Program

<http://www.ets.org/research/fellowships/summer/>

Grad students. For those working on PhD in field of educational research, measurement or related fields.

National Academies Research Associates Program

<http://sites.nationalacademies.org/pqa/rap/>

Faculty and PhD-holders

February 3, 2015 (estimated based on previous year)

Burroughs Wellcome Fund: Collaborative Research Travel Grants

<http://www.bwfund.org/grant-programs/biomedical-sciences/collaborative-research-travel-grants>

PhD fellows or faculty with PhD in mathematics, physics, chemistry, computer science, statistics or engineering; interested in research in the biological sciences; citizen or permanent resident; \$15,000 for travel

February 4, 2014

National Science Foundation: Science, Technology, Engineering, and Mathematics Talent Expansion program.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5488&org=NSF&sel_org=NSF&from=fund

Faculty. Goal is to increase graduation numbers in STEM fields (Type 1) or determine factors affecting degree attainment in STEM (Type 2).

National Science Foundation: Improving Undergraduate STEM Education
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504976&org=NSF&sel_org=NSF&form=fund

The Division of Undergraduate Education (DUE), in collaboration with other NSF directorates, continues to support research and development leading to and propagating interventions that improve both the quality and quantity of STEM graduates.

February 5, 2014

National Institutes of Health: Methodology and Measurement in the Behavioral and Social Sciences (5 year limit)

<http://grants.nih.gov/grants/guide/pa-files/PAR-08-212.html>

Faculty or PhD-holders.

February 5, 2014

OVCR Scholars' Travel Fund

<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

February 12, 2014

Mathematical Association of America: Tensor-Summa Foundation Program

<http://www.maa.org/programs/tensor-summa.html>

Faculty. For programs to encourage math among middle, high, and early college students

Mathematical Association of America: Grants for Women and Mathematics Projects

<http://www.maa.org/wam/tensor.html>

Faculty. For programs to encourage college and university women or high school and middle school girls to study math.

February 15, 2014

National Science Foundation: Dynamical Systems

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13574

Faculty. This program supports innovative research on the theories of dynamical systems, including new analytical and computational tools, as well as the novel application of dynamical systems to engineered systems. The program is especially interested in transformative research in the area of complex systems, uncertain or stochastic nonlinear dynamical systems, model order reduction of nonlinear or infinite dimensional dynamical systems, discrete nonlinear dynamical systems, and modeling, simulation, analysis and design of multi-scale multi-physics dynamical systems.

February 17, 2014

UIUC Graduate College Conference travel (due to Math)

<http://www.grad.illinois.edu/general/travelaward>

Grad students. To present at conferences

February 18, 2014

National Science Foundation: Design of Engineering Material Systems

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504809

Faculty. Supports fundamental research intended to lead to new paradigms of design, development, and insertion of advanced engineering material systems. Proposals should strive to develop systematic scientific methodologies to tailor the behavior of material systems in ways that are driven by performance metrics and incorporate processing/manufacturing.

February 26, 2014

University of Illinois Campus Research Board

<http://crb.research.illinois.edu/content/ApplicationDeadlines.aspx>

Faculty.

DUE IN MARCH

March 1, 2014 (NEW!)

American Mathematical Society: Mathematics Research Communities

<http://www.ams.org/programs/research-communities/mrc-14>

For those who are close to finishing PhD or recently finished; structured program includes summer conference at Snowbird Resort, Utah; special sessions at AMS national meeting, discussion networks by research topic, and funding for collaborations

March 3, 2014

National Science Foundation: Building Community and Capacity for Data-Intensive Research in the Social, Behavioral, and Economic Sciences and in Education and Human Resources (BCC-SBE/EHR)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504747&org=NSF&sel_org=NSF&form=fund

Faculty or PhD holders. Seek to enable research communities to develop visions, teams, and capabilities dedicated to creating new, large-scale, next-generation data resources and relevant analytic techniques to advance fundamental research for the SBE and EHR areas of research. Successful proposals will outline activities that will have significant impacts across multiple fields by enabling new types of data-intensive research.

March 4, 2014 (if letter of intent sent previously)

National Science Foundation: Industry/University Cooperative Research Centers Program

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5501&org=NSF&sel_org=NSF&form=fund

Faculty or PhD-holders

March 5, 2014

Argonne National Laboratory: Director's Postdoctoral Fellowships

<http://www.dep.anl.gov/postdocs/Directorpostdoc.htm>

PhD-holders. Postdoctoral position at Argonne

OVCR Scholars' Travel Fund

<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

March 13, 2014

James S. McDonnell Foundation: Scholar Award in Complex Systems Science

<http://www.jsmf.org/apply/scholar-cs/>

\$450,000 grant in the area of complex systems science (development of theoretical and mathematical tools that can be applied to the study of complex, adaptive, nonlinear systems)

Gladys Brooks Foundation

<http://www.gladysbrooksfoundation.org/guidelines.html>

Non-profit organizations. Awards of \$50K-\$100K. In 2012 funds are for scholarship, fellowship, and teaching chair endowments and for buildings.

March 15, 2014

American Mathematical Society: China Exchange Program

<http://www.ams.org/programs/travel-grants/china-exchange/china-exchange>

Preference for senior US/Canadian mathematicians and Chinese early career mathematicians.

Sigma Xi, The Scientific Research Society: Grants-in-Aid of Research

<http://www.sigmaxi.org/programs/giar/index.shtml>

Grad students. \$1,000 for student research

March 25, 2014 (white paper due; full proposal due May 22)

Defense Advanced Research Projects Agency: Defense Sciences Research and Technology Broad Agency Announcement

<http://www.grants.gov/web/grants/search-grants.html> (search DARPA-BAA-13-20)

Faculty. Areas of interest include applied mathematics.

March 31, 2014 (if invited by Foundation)

Simons Foundation: Math +X: Encouraging Interactions

<https://simonsfoundation.org/funding-guidelines/current-funding-opportunities/math-x>

Matching endowment grants for creation of new tenured Chairs to be shared equally between mathematics and a partner unit.

March 31, 2014

AMS-Simons Travel Grants

<http://www.ams.org/programs/travel-grants/AMS-SimonsTG>

Earned PhD within 4 years of grant start date; must not already have research or travel funds from another source; award is \$4,000 per year for 2 years for research travel.

DUE IN APRIL**April 1, 2014**

Los Alamos National Laboratory: Postdocs

<http://www.lanl.gov/careers/career-options/postdoctoral-research/index.php>

PhD holders

April 2, 2014

OVCR Scholars' Travel Fund

<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

April 7, 2014 (must have gone through Math first-contact Math Grad Office)

UIUC Graduate College Dissertation Completion Fellowship

<https://www.grad.illinois.edu/fellowship/listing/2807>

Grad students. Funds full year to allow total devotion to completing dissertation.

April 15, 2014

American Mathematical Society: Math in Moscow Program

<http://www.ams.org/programs/travel-grants/mimoscow>

Undergraduate student; defrays cost of semester of study in Moscow

April 26, 2014

UIUC Office of the Provost

Provost's Initiative on Teaching Advancement

<http://www.provost.illinois.edu/committees/tab/pita.html>

Individual instructor, college, school, department, instructional unit or working group.

Grants of \$7,500.

April 25, 2014

National Science Foundation: NSF-CBMS Regional Research Conferences in the Mathematical Sciences

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504930&org=NSF&sel_org=NSF&form=fund

Funds a series of five-day conferences each of which features a distinguished lecturer delivering ten lectures on a topic of important current research in one sharply focused area of the mathematical sciences.

April 30, 2014

Association for Women in Mathematics: Louise Hay Award for Contributions to Mathematics Education

<http://www.awm-math.org/hayaward.html>

April 30, 2014 (open application period begins, estimated based on previous year)

Knowles Science Teaching Foundation Fellowship

<http://www.kstf.org/fellowships/apply/>

Grad students. Supports individuals with exceptional science and mathematics content knowledge who are committed to teaching high school in the United States

DUE IN MAY

May 1, 2014

Association for Women in Mathematics travel grant

<http://www.awm-math.org/travelgrants.html>

Women with doctorates.

Association for Women in Mathematics: Mathematics Education Research Travel Grants for Women Researchers

<http://www.awm-math.org/travelgrants.html>

Women with doctorates. Mathematics education focus.

National Academies Research Associates Program

<http://sites.nationalacademies.org/pga/rap/>

Faculty and PhD holders.

May 7, 2014

OVCR Scholars' Travel Fund

<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

May 22, 2014 (full proposal; white paper due previously)

Defense Advanced Research Projects Agency: Defense Sciences Research and Technology Broad Agency Announcement

<http://www.grants.gov/web/grants/search-grants.html> (search DARPA-BAA-13-20)

Faculty. Areas of interest include applied mathematics.

May 23, 2014

National Science Foundation: Research Experience for Undergraduates

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&org=NSF&sel_org=NSF&from=fund

Faculty for undergrads. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. May apply for Sites or Supplements to existing grants.

DUE IN JUNE

June 3, 2014

National Science Foundation: Research Training Groups in the Mathematical Sciences (RTG)

<http://www.nsf.gov/pubs/2011/nsf11540/nsf11540.pdf>

RTG supports education through research involvement in groups centered on a common research interest that span the entire spectrum of educational levels from undergraduates through postdoctoral associates.

National Science Foundation: Research Coordination Networks- Undergraduate Biology Education track

http://www.nsf.gov/pubs/2011/nsf11531/nsf11531.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Faculty. Up to \$750,000 over 5 years to fund a coordinated network to foster interdisciplinary research and education that advances sustainability science and engineering as an integrative approach to the challenges of adapting to environmental, social and cultural changes associated with growth and development of human populations, and attaining a sustainable energy future.

June 4, 2014

OVCR Scholars' Travel Fund

<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

June 14, 2014 (estimated based on previous year)

James S. McDonnell Foundation: PostDoctoral Fellowship Awards in Studying Complex Systems [specific area of study likely to change]

<http://www.jsmf.org/apply/fellowship/>

Completing PhD students searching for PostDoctoral position; assists in payment for new position

June 15, 2014

National Science Foundation: Workforce Program in the Mathematical Sciences

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503233&org=NSF&sel_org=NSF&form=fund

Faculty.

June 27, 2014 (letter of intent due; proposal due September 26)

National Science Foundation: Industry/University Cooperative Research Centers Program

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5501&org=NSF&sel_org=NSF&form=fund

Faculty or PhD-holders

DUE IN JULY

July 1, 2014

Los Alamos National Laboratory: Postdocs

<http://www.lanl.gov/careers/career-options/postdoctoral-research/index.php>

PhD holders

NEXT DEADLINE July 1, 2015

National Science Foundation: Research Networks in the Mathematical Sciences (RNMS)

http://www.nsf.gov/publications/pub_summ.jsp?org=NSF&ods_key=nsf10584

provide a new mechanism to support research collaborations that address complex problems on the frontiers of the mathematical sciences by creating networks that link researchers across intellectual, disciplinary, professional, institutional, organizational, geographical, or other boundaries. Examples include, but are not limited to, travel and subsistence for exchange of researchers and experts; exchange of graduate students or postdoctoral researchers; joint supervision of postdoctoral fellows; conferences, workshops, and "summer/winter schools"; regular web-based seminars; team-taught or distance-learning courses; and shared access to facilities, equipment, instrumentation, or cyberinfrastructure.

July 17, 2014

American Mathematical Society: Graduate Student Travel Grants

<http://www.ams.org/programs/travel-grants/grad-students/emp-student-JMM>

PhD student; to attend AMS Sectional Meetings

July 23, 2014

National Science Foundation: Faculty Early Career Development (CAREER) Program

<http://www.nsf.gov/pubs/2014/nsf14532/nsf14532.htm>

Young faculty. For those who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations.

DUE IN AUGUST

August 1, 2014

Fulbright Scholar Program: Core Program

http://www.cies.org/us_scholars/us_awards/

Faculty and PhD-holders. traditional lecturing, lecturing/research, research

August 1, 2014 (estimated based on previous year)

National Academies Research Associates Program

<http://sites.nationalacademies.org/pga/rap/>

Faculty and PhD-holders

American Mathematical Society: JPBM Communications Award

<http://www.ams.org/prizes/jpbm-comm-call.html>

Any level and non-mathematicians. acknowledges communicators who, on a sustained basis, bring mathematical ideas and information to non-mathematical audiences

August 7, 2014 (estimated based on previous year)

OVCR Scholars' Travel Fund

<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

August 12, 2014

National Science Foundation: Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5257&org=NSF&sel_org=NSF&from=fund

Faculty. Supports scholarships for academically talented, financially needy students, enabling them to enter the workforce following completion of an associate; baccalaureate; or graduate-level degree in science and engineering disciplines.

August 16, 2014

National Science Foundation: SBE Doctoral Dissertation Research Improvement Grants (Methodology, Measurement, and Statistics)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13453&org=NSF&sel_org=NSF&from=fund

Grad students.

August 18, 2014

National Science Foundation: Methodology, Measurement, and Statistics

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5421&org=NSF&sel_org=NSF&from=fund

Faculty and PhD-holders. The Methodology, Measurement, and Statistics (MMS) Program is an interdisciplinary program in the Social, Behavioral, and Economic Sciences that supports the development of innovative analytical and statistical methods and models for those sciences.

National Science Foundation: SBE Doctoral Dissertation Research Improvement Grants (Decision, Risk, and Management Sciences)

<http://www.nsf.gov/sbe/ses/drms/ddrip1.jsp>

Grad students.

August 19, 2014

National Science Foundation: International Research Experience for Students (IRES)

<http://www.nsf.gov/pubs/2012/nsf12551/nsf12551.htm>

Faculty for grad students. Cohort of students conduct individual projects while collaborating with researchers abroad.

August 27, 2014

National Science Foundation: Research Experience for Undergraduates

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&org=NSF&sel_org=NSF&form=fund

Faculty for undergrads. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. May apply for Sites or Supplements to existing grants.

August 27, 2014 (estimated based on previous year)

Gates Cambridge Scholarships

<http://topscholars.illinois.edu/prestigious/index.html>

Grad students. graduate/professional students study at Cambridge University, England for one to four years

Rhodes Scholarships

<http://topscholars.illinois.edu/prestigious/index.html>

Grad students graduate/professional students study at Oxford University, England for one to three years

Marshall Scholarship

<http://topscholars.illinois.edu/prestigious/index.html>

Grad students graduate/professional students study at any British University for two to three years

George J. Mitchell Scholarship

<http://topscholars.illinois.edu/prestigious/index.html>

PhD-holders. One year of postgraduate study in the Republic of Ireland or Northern Ireland.

August 28, 2014 (estimated based on previous year)

University of Illinois Campus Research Board

<http://crb.research.illinois.edu/content/ApplicationDeadlines.aspx>

Faculty.

DUE IN SEPTEMBER

September 4, 2014 (estimated based on previous year)

OVCR Scholars' Travel Fund

<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

September 5, 2014 (estimated based on previous year)

AERA Grants Program: Dissertation Grants

<http://www.aera.net/ProfessionalOpportunitiesFunding/FundingOpportunities/AERAGrantsProgram/DissertationGrants/DissertationGrantInstructions/tabid/13404/Default.aspx>

Grad students. support for education policy- and practice-related dissertations using National Center for Education Statistics, NSF, and other national databases.

AERA Grants Program: Research Grants

<http://www.aera.net/ProfessionalOpportunitiesFunding/FundingOpportunities/AERAGrantsProgram/ResearchGrants/tabid/12813/Default.aspx>

Faculty and PhD-holders. For those with PhD doing research similar to that described above

September 5, 2014 (estimated preapplication due; final application due estimated November 19)

Office of Science/Department of Energy

Early Career Research Program

https://gmsasprod.gms.uillinois.edu/spin/spin_prog.ASP?prog_no=04001

Early career faculty. Specific interest in Applied Mathematics.

September 15, 2014

Alfred P. Sloan Foundation: Sloan Research Fellowships

<http://www.sloan.org/fellowships/>

Faculty. Two year fellowship.

Association for Women in Mathematics: Alice T. Schafer Mathematics Prize for Excellence in Mathematics by an Undergraduate Woman

<https://sites.google.com/site/awmmath/programs/schafer-prize>

Undergraduate woman who excels in mathematics.

September 19, 2014

National Science Foundation: Focused Research Groups in the Mathematical Sciences

<http://www.nsf.gov/pubs/2012/nsf12566/nsf12566.htm>

Faculty. To allow groups of researchers to respond to recognized scientific needs of pressing importance, to take advantage of current scientific opportunities, or to prepare the ground for anticipated significant scientific developments in the mathematical sciences.

September 17, 2014 (estimated based on previous year)

UIUC Graduate College Conference travel (must go through Math first)

<http://www.grad.illinois.edu/general/travelaward>

Grad students. Conference travel funds

September 25, 2014

American Mathematical Society: Graduate Student Travel Grants

<http://www.ams.org/programs/travel-grants/grad-students/emp-student-JMM>

PhD student in last year of study; to attend Joint Mathematics Meetings

September 26, 2014 (pre-proposal was due June 27)

National Science Foundation: Industry/University Cooperative Research Centers Program

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5501&org=NSF&sel_org=NSF&form=fund
Faculty

“Late September/Early October”

Banff International Research Station for Mathematical Innovation and Discovery
5-day workshop/summer school due 2 years before workshop
<http://www.birs.ca/applicants/deadlines/>
Faculty or PhD-holders

September 30, 2014

Simons Foundation: Simons Fellow in Mathematics
<https://simonsfoundation.org/mathematics-program-description>
Sabbatical eligible faculty. Provides one additional semester of leave.

National Science Foundation: Chemical Theory, Models and Computational Methods
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503420&org=NSF&sel_org=MPS&form=fund
Faculty and PhD-holders. Discovery and development of theoretical and computational methods to address a range of chemical challenges, with emphasis on emerging areas of chemical research.

September 30, 2013 (Letter of intent submission deadline; estimated based on previous year)

Simons Foundation: Math +X: Encouraging Interactions
<https://simonsfoundation.org/funding-guidelines/current-funding-opportunities/math-x>
Matching endowment grants for creation of new tenured Chairs to be shared equally between mathematics and a partner unit.

DUE IN OCTOBER

October 1, 2014

Association for Women in Mathematics travel grant
<http://www.awm-math.org/travelgrants.html>
Women with doctorates.

Association for Women in Mathematics: Mathematics Education Research Travel Grants for Women Researchers
<http://www.awm-math.org/travelgrants.html>
Women with doctorates. Mathematics education focus.

National Science Foundation: Dynamical Systems
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13574
This program supports innovative research on the theories of dynamical systems, including new analytical and computational tools, as well as the novel application of dynamical systems to engineered systems. The program is especially interested in transformative research in the area of complex systems, uncertain or stochastic nonlinear dynamical systems, model order reduction of nonlinear or infinite dimensional

dynamical systems, discrete nonlinear dynamical systems, and modeling, simulation, analysis and design of multi-scale multi-physics dynamical systems.

National Science Foundation: Design of Engineering Material Systems

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504809

Faculty. Supports fundamental research intended to lead to new paradigms of design, development, and insertion of advanced engineering material systems. Proposals should strive to develop systematic scientific methodologies to tailor the behavior of material systems in ways that are driven by performance metrics and incorporate processing/manufacturing.

October 1, 2014 (estimated based on previous year)

Mathematical Sciences Research Institute: Research Professors

<http://www.msri.org/web/msri/scientific/member-application>

Associate or Full professor who received PhD before 2002. Spend at least 3 months at MSRI at up to \$5000 per month. Time spent at MSRI may come with no support, a travel allowance, and/or per diem. 2013-2014 programs are: Mathematics General Relativity; Optimal Transport: Geometry and Dynamics; Model Theory, Arithmetic Geometry and Number Theory; and Algebraic Topology

October 2, 2014 (estimated based on previous year)

OVCR Scholars' Travel Fund

<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

University of Illinois Campus Research Board

<http://crb.research.illinois.edu/content/ApplicationDeadlines.aspx>

Faculty.

October 7, 2014

National Science Foundation: Combinatorics

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503570

Faculty and PhD-holders.

National Science Foundation: Analysis

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5434&org=NSF&sel_org=MPS&from=fund

Faculty and PhD-holders.

National Science Foundation: Foundations

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5548&org=NSF&more=Y

Faculty and PhD-holders.

October 10, 2014 (estimated; application to Cambridge University due before this)

Churchill Scholarship

<http://topscholars.illinois.edu/prestigious/index.html>

Graduate student, US Citizen, under 26 years old. One year graduate study at Cambridge University.

October 10, 2014

National Science Foundation: Algebra and Number Theory

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5431
Faculty and PhD-holders.

October 15, 2014

Sigma Xi, The Scientific Research Society: Grants-in-Aid of Research
<http://www.sigmaxi.org/programs/giar/index.shtml>
Grad students. \$1,000 for student research

October 15, 2014 (estimated based on previous year)

National Security Agency: Young Investigators Grant
<http://sam.msp.berkeley.edu/nsa-ams//about/program/guidelines.html>
Those with PhD in last 10 years.

National Security Agency: Standard Grant
<http://sam.msp.berkeley.edu/nsa-ams//about/program/guidelines.html>
Faculty or PhD holders.

National Security Agency: Conferences, Workshops and Special Situations
<http://sam.msp.berkeley.edu/nsa-ams//about/program/guidelines.html>
Faculty or PhD holders.

Argonne National Laboratory Named Postdoctoral Fellowship Program
<http://www.dep.anl.gov/postdocs/Namedpostdoc.htm>
PhD-holders. Postdoc at Argonne

October 15, 2014

National Science Foundation: Mathematical Sciences Postdoctoral Research Fellowships
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5301&org=NSF&sel_org=NSF&from=fund
PhD-holders.

Mathematical Sciences Research Institute: Summer Graduate Workshop
<http://www.msri.org/web/msri/scientific/request-for-proposals/propose-a-summer-graduate-school>
Submit the October prior to the summer of event.

Mathematical Sciences Research Institute: Hot Topics Workshop
<http://www.msri.org/web/msri/scientific/request-for-proposals/propose-a-hot-topics-workshop>
Submit the October prior to the event.

October 29, 2014

National Science Foundation: Mathematical Physics
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503537&org=NSF&sel_org=NSF&from=fund
Very advanced mathematical methods are applied (by individuals or collaborators) to important but difficult physics concepts to rigorously establish the behavior of theoretical systems, resolve conundrums or find new directions.

DUE IN NOVEMBER

November 1, 2014 (application period opens)

AT&T Labs: Internship program

http://www.research.att.com/evergreen/working_with_us/internships.html

Graduating senior or first two years of grad school. Includes math majors.

November 1, 2014

National Academies Research Associates Program

http://sites.nationalacademies.org/PGA/RAP/PGA_046398

Faculty and PhD-holders.

American Institute of Mathematics Research Conference Center: workshop proposal

<http://www.aimath.org/research/workshopproposals.html>

Faculty and PhD-holders.

November 1, 2014

National Academy of Education/Spencer Foundation Postdoctoral Fellowship Program

http://www.naeducation.org/NAED_080201.html

Grad students. \$55,000 fellowship to undertake research relevant to the improvement of education.

American-Scandinavian Foundation Fellowships

http://www.amscan.org/study_scandinavia_details.html

Grad students. must have completed undergraduate and have well defined project requiring a stay in Scandinavia

November 4, 2014

National Science Foundation: Topology

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5551&org=NSF&sel_org=MPS&from=fund

Faculty and PhD-holders.

National Science Foundation: Geometric Analysis

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5549&org=DMS&from=home

Faculty and PhD-holders.

November 5, 2014

National Science Foundation

Expeditions in Training, Research, and Education for Mathematics and Statistics through Quantitative Explorations of Data (EXTREEMS-QED)

<http://www.nsf.gov/pubs/2012/nsf12606/nsf12606.htm>

Faculty. Funded activities are expected to provide opportunities for undergraduate research and hands-on experiences centered on computational and data-enabled science and engineering; result in significant changes to the undergraduate mathematics and statistics curriculum; have broad institutional support and department-wide commitment that encourage collaborations within and across disciplines; and include professional development activities for faculty or for K-12 teachers.

November 5, 2014 (estimated based on previous year)

OVCR Scholars' Travel Fund
<http://www.research.illinois.edu/stf/index.asp>
Travel funds for faculty and lecturers

November 7, 2014

National Science Foundation: Probability
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5555&org=NSF&sel_org=MPS&from=fund
Faculty and PhD-holders.

National Science Foundation: Statistics
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5556&org=NSF&sel_org=MPS&from=fund
Faculty and PhD-holders.

November 8, 2014 (estimated based on previous year)

Paul and Daisy Soros Fellowships for New Americans
<https://www.grad.illinois.edu/fellowship/listing/2621>
Incoming Grad student. must hold bachelors or be college senior, hold a Green Card, or be naturalized, or be the child of two naturalized citizens. Funds stipend plus half tuition to U.S. Grad program.

November 13, 2014 (estimated based on previous year)

American Mathematical Society: Graduate Student Travel Grants
<http://www.ams.org/programs/travel-grants/grad-students/emp-student-JMM>
PhD student; to attend AMS Sectional Meetings

November 15, 2014

National Science Foundation: Applied mathematics
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5664&org=NSF&sel_org=MPS&from=fund
Faculty and PhD-holders.

November 15, 2014 (estimated based on previous year)

Ford Foundation Diversity Fellowship-Dissertation
<https://www.grad.illinois.edu/fellowship/index.cfm?doSearch=Y>
Grad students. fellowship to increase diversity of college/university faculties; must demonstrate superior academic achievement, be committed to a career in teaching and research at the college/university level

Ford Foundation Diversity Fellowship-Postdoctoral
<https://www.grad.illinois.edu/fellowship/index.cfm?doSearch=Y>
PhD-holders. designed to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity

November 17, 2014

National Science Foundation: Mathematical Biology
http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5690&org=MPS&sel_org=MPS&from=fund
Faculty and PhD holders. Supports research in areas of applied and computational mathematics with relevance to the biological sciences.

November 20, 2014 (estimated based on previous year)

Ford Foundation Diversity Fellowship-Predoctoral
<https://www.grad.illinois.edu/fellowship/listing/2948>

Grad students. designed to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity

November 29, 2014 (estimated based on previous year)

Air Force Summer Faculty Fellowship Program
<http://sffp.asee.org/>

Faculty. 8 to 12 week research residency at Air Force Research Facilities for faculty

DUE IN DECEMBER

December 1, 2014

Institute for Advance Study: School of Mathematics
<https://www.math.ias.edu/administration/mission>

Faculty and PhD-holders. Conduct research at the school.

American Mathematical Society: Centennial Fellowship
<http://www.ams.org/employment/centflyer.html>

Faculty and PhD-holders. Awarded to PhDs out 3-12 years who show excellence in research but have not had extensive fellowship support in the past

December 1, 2014 (estimated based on previous year)

Mathematical Sciences Research Institute: Research Members
<http://www.msri.org/web/msri/scientific/member-application>

PhD holders. Time spent at MSRI may come with no support, a travel allowance, and/or per diem. 2013-2014 programs are: Mathematics General Relativity; Optimal Transport: Geometry and Dynamics; Model Theory, Arithmetic Geometry and Number Theory; and Algebraic Topology

Mathematical Sciences Research Institute: PostDoctoral Fellows
<http://www.msri.org/web/msri/scientific/member-application>

PhD holders. One and two semester residential fellowships. 2013-2014 programs are: Mathematics General Relativity; Optimal Transport: Geometry and Dynamics; Model Theory, Arithmetic Geometry and Number Theory; and Algebraic Topology

December 2, 2014 (estimated based on previous year)

Beckman Institute Fellows Program
<http://www.beckman.illinois.edu/fellows/postdocapp.aspx>

Finishing Grad students or PhD-holders.

December 4, 2014 (estimated based on previous year)

OVCR Scholars' Travel Fund
<http://www.research.illinois.edu/stf/index.asp>

Travel funds for faculty and lecturers

December 9, 2014

National Science Foundation: Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504687

Promote the creation and development of the next generation of mathematical and statistical theories and tools that address the mathematical and statistical challenges presented to the scientific and engineering communities by the ever-expanding role of computational modeling and simulation on the one hand, and the explosion in production of digital and observational data on the other.

December 13, 2014 (estimated based previous year)

Courant Institute of Mathematical Sciences, Department of Mathematics: PostDoctoral and Visiting Member program

http://math.nyu.edu/postdoctoral_positions/

PhD-holders. Up to three years.

December 15, 2015

American Mathematical Society: Epsilon Fund Grants for Young Scholars Program

<http://www.ams.org/prizes/epsilon-award.html>

Faculty. Supports summer mathematics programs for mathematically talented high school students

National Science Foundation: Computational mathematics

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5390&org=NSF&sel_org=MPS&form=fund

Faculty and PhD-holders.

December 15, 2014 (estimated based on previous year)

American Association of University Women: Career Development Grants

<http://www.aauw.org/what-we-do/educational-funding-and-awards/career-development-grants/career-development-grants-application/>

Grad students or those changing careers (not for PhD). Supports coursework, including distance learning.

December 16, 2014 (estimated based on previous year)

National Defense Education Program: Science, Mathematics and Research for Transformation (SMART) Scholarship

https://smart.asee.org/apply/application_instructions

Undergrad or grad student.

December 20, 2014 (estimated based previous year)

National Defense Science and Engineering Graduate Fellowship

http://ndseg.asee.org/apply_online

Grad students. portable fellowships or research experience

ACCEPTED ANYTIME

Air Force Office of Scientific Research: Broad Agency Announcement

<http://www.grants.gov/web/grants/search-grants.html> (search BAA-AFOSR-2013-0001)

Faculty. Basic research in one of focus areas: Dynamical Systems and Control section specifically notes Computational Mathematics.

Argonne National Laboratory: Faculty Research Participation (Short-Term Appointments)

http://www.dep.anl.gov/p_faculty/frp.htm

Faculty. opportunity to spend 10-12 weeks in summer collaborating with an Argonne staff member

Argonne National Laboratory: Guest Graduate Appointments

http://www.dep.anl.gov/p_graduate/gstgrad.htm

Grad students. Appointments at Argonne

Argonne National Laboratory: Division Postdoctoral Appointments

<http://www.dep.anl.gov/postdocs/divisionpostdoc.htm>

PhD-holders.

Argonne National Laboratory: Faculty Research Leave (Sabbatical Leave)

http://www.dep.anl.gov/p_faculty/frl.htm

Faculty. Sabbaticals at Argonne

Austrian Science Fund: Lise Meitner Program

<http://www.fwf.ac.at/en/projects/meitner.html>

Postdoc or Faculty study abroad in Austria

Banff International Research Station for Mathematical Innovation and Discovery

2-day workshop/focused research groups/research in teams due 4 months before event

<http://www.birs.ca/applicants/deadlines/>

Faculty or PhD-holders

Defense Advanced Research Projects Agency: Young Faculty Award (**Currently closed**)

https://gmsasprod.gms.uillinois.edu/spin/spin_prog.ASP?prog_no=26069

Junior faculty. 24 month grant for research in areas of DARPA interest: Applications of nonlinear dimensionality reduction in bioinformatics; and probabilistic and approximate computing, among others.

Department of the Army (**NEW!**)

Army Research Office Broad Agency Announcement for Basic and Applied Scientific Research

https://gmsasprod.gms.uillinois.edu/spin/spin_prog.ASP?prog_no=29114

Faculty. Research in the areas of Modeling of Complex Systems; Geometric and Topological Modeling; Probability and Statistics; Stochastic Analysis and Control; Statistical Analysis and Methods; Biomathematics; Multiscale Modeling/Inverse Problems; Modeling at Intermediate Timescales; Numerical Analysis.

Dewson Fellowships for Underrepresented Students

<https://www.grad.illinois.edu/fellowship/listing/2728>

Grad students. awarded to underrepresented minority graduate students who are facing serious, unanticipated funding problems that jeopardize completion of a degree program

Humboldt Foundation: Feodor Lynen Research Fellowship for Postdoctoral Research
<http://www.humboldt-foundation.de/web/2983.html>
Postdocs from Germany. Long term research at institution abroad.

Humboldt Foundation: Fraunhofer-Bessel Research Award
<http://www.humboldt-foundation.de/web/5174.html>
PhD holders (within last 12 years). Funds up to one year of study with a Fraunhofer Institute colleague in an applied area.

Humboldt Foundation: Humboldt Research Fellowship
<http://www.humboldt-foundation.de/web/771.html>
Postdoctoral research at a research institution in Germany.

James S. McDonnell Foundation: Collaborative Activity Awards
<http://www.jsmf.org/apply/collaborative/>
Goal is to initiate interdisciplinary discussions on problems or issues, to help launch interdisciplinary research networks, or to fund communities of researchers/practitioners dedicated to developing new methods, tools, and applications of basic research to applied problems. Issues include studying complex systems.

Los Alamos National Laboratory: Postdocs
<http://www.lanl.gov/careers/career-options/postdoctoral-research/index.php>
PhD holders

Mathematical Sciences Research Institute Program
<http://www.nsa.org/web/msri/scientific/request-for-proposals/propose-a-program>
Faculty or PhD-holders. Submit three years in advance.

National Energy Technology Laboratory: Unsolicited Proposals
<http://www.netl.doe.gov/business/usp/unsol.html>
Open to anyone. Looking for applied math projects related to their mission

National Science Foundation: Conference and Workshops in the Mathematical Sciences
http://www.nsf.gov/publications/pub_summ.jsp?org=NSF&ods_key=nsf10578
funding for conferences, workshops, and training events for up to three years. Should turn in about time of same disciplinary program.

National Science Foundation: Grant Opportunities for Academic Liaison with Industry
http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=504699&ods_key=nsf12513
Faculty. Project funds and fellowships/traineeships to support industry-university links; focus on fundamental research

National Science Foundation: Catalyzing New International Collaborations
http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=12815&ods_key=nsf12573
Faculty and PhD holders. Supports U.S. participation in a range of activities intended to catalyze new international collaborations. Includes, but not limited to: planning visits, small workshops, data gathering, and development of research coordination networks.

National Science Foundation: Research Coordination Networks-Science, Engineering and Education for Sustainability track

<http://www.nsf.gov/pubs/2013/nsf13520/nsf13520.htm>

Faculty. Up to \$750,000 over 5 years to fund a coordinated network to foster interdisciplinary research and education that advances sustainability science and engineering as an integrative approach to the challenges of adapting to environmental, social and cultural changes associated with growth and development of human populations, and attaining a sustainable energy future.

National Science Foundation: Small Grants for Exploratory Research (SGER)

<http://www.nsf.gov/pubs/2004/nsf042/2.htm#IID1>

Faculty and PhD-holders. For small-scale, exploratory, high-risk research.

National Science Foundation: Division of Mathematical Sciences: Infrastructure Program [conferences, symposia, colloquia, training programs, research sessions]

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12756&org=NSF&sel_org=MPS&form=fund

Faculty and PhD-holders.

National Security Agency: Mathematical Sabbatical Program

http://www.nsa.gov/research/math_research/index.shtml

Faculty.

U.S. Census Bureau Center for Economic Studies: Dissertation Mentorship Program

<http://www.census.gov/ces/researchprograms/mentorship.html>

Grad students. Assists PhD candidates working on dissertations in using US Census Bureau microdata at a Research Data Center

UIUC Office of the Provost

Teaching Advancement Travel Grants

<http://www.provost.illinois.edu/committees/tab/guidelines.html>

Full-time faculty or lecturers. Funds travel to seminars or workshops that primarily aim to improve or enhance teaching and learning outcomes.