



Caucus of Academic Reps (CAR) Weekly Digest January 18, 2018

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Positions

1. University of Chicago, Department of Statistics: Senior Lecturer

The Department of Statistics at the University of Chicago invites applications for the position of Senior Lecturer within the Committee on Computational and Applied Mathematics (CCAM). The successful candidate will be responsible for coordination and continued development of the MS in Computational and Applied Mathematics program, for development of new curriculum, and expected to teach four 10-week undergraduate or graduate courses each year. Duties will include participation in the admission process for the MS program, advising Master's students on course selection and on their research, and development or deployment of learning technology in the department.

This appointment will be at the academic rank of Senior Lecturer for an initial three-year term, starting August 1, 2019, with the possibility of reappointment.

At the time of appointment, successful applicants must have completed all requirements for a PhD in Applied Mathematics, Mathematics, Statistics or related field. Demonstrable broad knowledge of the field and outstanding effectiveness and competence in teaching at the graduate and undergraduate level are essential. Applications must include descriptions of previous experience in teaching and research.

All applicants must apply through the University of Chicago's Academic Jobs website at <https://tinyurl.com/yc2ewwn8> and must upload a cover letter describing past teaching and research experience, a curriculum vitae, and a teaching statement.

Optionally, a research statement and teaching evaluations may be included. Three letters of reference will be required to be considered as an applicant. Application screening has begun and will continue until the position is filled or the search is closed.

Requests for further information should be sent to search@galton.uchicago.edu.

2. Amherst College Department of Mathematics and Statistics: Visiting Assistant Professor of Statistics

The Amherst College Department of Mathematics and Statistics invites applications for a full-time visiting assistant professor in statistics with a three-year appointment to begin on July 1, 2019. We seek candidates who are passionate about teaching statistics and data science to undergraduates. Today, nearly one-quarter of Amherst's students are Pell Grant recipients; 45 percent of our students identify as domestic students of color. Our expectation is that the successful candidate will excel at teaching and mentoring students who are broadly diverse with regard to race, ethnicity, socioeconomic status, gender, nationality, sexual orientation, and religion.

Responsibilities include teaching a range of undergraduate statistics courses (two per semester) and helping with the comprehensive evaluation of senior majors in statistics. Applicants must hold a Ph.D. in statistics or a closely related field and have broad intellectual interests and a strong commitment to excellence in research and in undergraduate teaching in statistics.

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 will be accepted until the position is filled, but all applications received by February 22nd, 2019, will be guaranteed consideration. See 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. Questions can be addressed to mathstats@amherst.edu.

3. University of Southern California, Department of Preventive Medicine, Division of Biostatistics: tenure-track assistant or associate professor

The Division of Biostatistics in the Department of Preventive Medicine at the University of Southern California (USC) is recruiting to fill a tenure-track position at the level of Assistant or Associate Professor. We seek a biostatistician with a strong academic record to join our group of over 20 faculty members and to contribute to our active research and education programs. Central to the mission of the Division are long-term collaborations with other research groups for the application and translation of novel methods to real data. We prefer someone that is interested in both developing novel statistical methods and in conducting statistical analyses as part of a collaborative team. Someone with primary focus and solid strength in either methods development or collaborative research will also be considered.

Faculty in our Division currently have active research programs in the areas of integrative genomics and genetic epidemiology, environmental epidemiology, clinical trials, and statistical software development, and they direct several statistical service cores as parts of large Centers. While we seek to grow strength in these areas, we will also consider strong applicants with a focus in other research-topic areas. Our Division also administers Ph.D. and M.S. degrees in Biostatistics and Epidemiology, and a proposed new M.S. in Data Science. The successful candidate will have the opportunity to participate in teaching activities. The Department of Preventive Medicine at the Keck School of Medicine includes over 100 faculty members in six Divisions and consistently ranks as the top funded public health-related department within a U.S. medical school.

Please visit the following website to submit your application: usccareers.usc.edu/job/los-angeles/...

Any questions can be directed to:

Jim Gauderman, Ph.D.
Professor and Chief
Division of Biostatistics
Department of Preventive Medicine
Keck School of Medicine
University of Southern California
2001 N. Soto Street. 202K
Los Angeles, CA 90032
Office 323-442-1567
Email: JimG@usc.edu

4. University of Memphis, Department of Mathematical Sciences; assistant professor in statistics

The Department of Mathematical Sciences at the University of Memphis anticipate hiring a tenure-track Assistant Professor in Statistics to begin in August 2019, pending final budgetary approval. Applications are invited from candidates with a PhD in Statistics, Biostatistics, or closely related fields, whose area of research interests include data science, statistical modeling of big data, Bayesian Inference, bioinformatics, biostatistics and other areas related to the modeling and analysis of big data. Candidates are expected to have a proven record of collaborative research, strong communications skills, and will be expected to seek external funding. The Department has a strong PhD program in Statistics with very active research collaborations within and external to several departments and within and external to the University. The successful candidate will typically teach two courses per semester in statistics and conduct collaborative research especially in the context of projects related to data science and big data modeling and analysis. Please complete an on-line application at workforum.memphis.edu/postings/. Click on the faculty box to find the posting for Assistant Professor in the Department of Mathematical Sciences. Applicants will be required to upload a cover letter, research and teaching statements, curriculum vitae, and contact information for three letters of recommendation writers. Application review will begin January 2019 and continue until the position is filled.

5. Harvard Medical School and Harvard Pilgrim Health Care Institute, Department of Population Medicine, Biostatistics Program: assistant professor

The Department of Population Medicine invites applications for a Biostatistics faculty position at the level of Assistant Professor. Area of particular interests are: Design and analysis of clinical trials and observational studies, and causal inference. The biostatistician will join the Biostatistics Center and will work with multidisciplinary teams of clinicians, epidemiologists, project managers, programmers and analysts.

The primary responsibilities of the position include developing and maintaining an active, externally funded research program; collaborating with investigators in the Department with study design, statistical analyses, and methodological questions related to their research project, both pre- and post-award; and participating in departmental and professional service. The successful candidate will also be expected to mentor and assist fellows and junior faculty with their research projects.

Minimum Qualifications:

- Ph.D in Biostatistics, Statistics, or a related field with strong quantitative research training
- Knowledge of study design, research methodology and statistical analysis
- Strong computational and programming skills
- Excellent written and oral communication
- Prior experience with large electronic healthcare databases and multi-center studies is preferred
- Ability to work independently; strong organization and problem-solving skills

Besides her/his principal research activities, the faculty member will also be expected to spend a portion of time participating in the broader missions of the department and medical school as follows:

- Teach and mentor medical students, residents, graduate students, and/or research fellows

- Establish and maintain collegial and productive contacts with other researchers and educators in the university and within existing research partnerships
- Contribute to departmental administration as a member of committees

To apply please send curriculum vitae, a 2-page research statement, and the names of three references to:

Rui Wang PhD
Associate Professor
Department of Population Medicine
Harvard Pilgrim Health Care Institute
c/o zachary_hastings@harvardpilgrim.org.

6. Brown University School of Public Health, Department of Biostatistics: senior faculty positions

The Department of Biostatistics at Brown University's School of Public Health is seeking exceptional candidates doing research in biostatistics and data science as well as in domain research in the health sciences. Candidates for Associate or Full Professor should have a nationally and internationally recognized record of innovative methods research in biostatistics and data science, significant experience and track record in interdisciplinary research, and demonstrated leadership potential. Candidates for Assistant Professor should provide evidence of outstanding research potential, growing publications record and experience in interdisciplinary research. All candidates must show evidence of excellent oral and written communication skills and possess strong ability and interest in teaching and mentoring of students. The Department is committed to pursuing the goals of the Brown initiative for diversity and inclusion.

The new faculty member will join a highly interdisciplinary Biostatistics faculty in the Brown University School of Public Health. Building on its methodologic and domain research strength in the analysis of large health care databases, causal inference, diagnostic imaging evaluation and radiomics, computational biology and bioinformatics, Bayesian methodology, research synthesis, and neuroscience, the Department is now emphasizing growth in research and educational activity in health data science. Biostatistics is a core member of the University's Data Science Initiative.

More information at jobs.amstat.org/jobs/11806387/...

7. George Washington Milken Institute School of Public Health, Biostatistics Center: tenured / tenure-track open-rank professor

The Biostatistics Center (Center) of the George Washington Milken Institute School of Public Health (SPH) is recruiting for a full-time open-rank tenure-track or tenured faculty. The successful candidate will develop a program of sponsored research at the Center with an academic appointment in the Department of Epidemiology and Biostatistics (DEB) in the Milken Institute School of Public Health. Academic rank and salary are competitive and will be commensurate with experience, qualifications, and self-funding support. GW has a strong commitment to achieving diversity among faculty and staff, and accordingly we encourage applications from members of underrepresented populations.

Specific Duties and Responsibilities

The successful candidate will establish an externally funded, internationally recognized, and interdisciplinary research portfolio in clinical trials, epidemiological, diagnostic studies, controlled trials in educational research, or may extend to other areas of research such as forensic statistics. The portfolio may include development of expertise and leadership in the design, conduct, analysis, and reporting of collaborative research in areas such as oncology, cardiovascular disease, infectious disease, neurology, drug addiction, or other areas of medicine. The successful candidate will also contribute to the development of statistical or clinical trial/diagnostic study methodologies. Areas of interest may include but are not limited to: pragmatic trials, SMART trials, and multi-arm multi-stage designs. The successful candidate is expected to contribute to the academic mission of the Center and DEB through teaching, mentoring students, or departmental service.

Basic Qualifications

Applicants must have: a doctorate in statistics, biostatistics, or medicine; post-doctoral research experience; a track record of peer-reviewed publications; experience proposing and/or implementing funded research in clinical trials, epidemiologic studies, diagnostic studies, or randomized trials in educational research; experience in the design, data monitoring, analysis and reporting of clinical trials or other studies; and excellent oral and written communication skills.

For information about the Center, please see: www.bsc.gwu.edu.

Additional information about the Milken Institute SPH can be found at: <http://publichealth.gwu.edu/> and the DEB at: <http://publichealth.gwu.edu/departments/epidemiology-and-biostatistics>.

Application Procedures

To be considered please complete an online faculty application at: <http://www.gwu.jobs/postings/55369>. The following documents are required:

- Cover letter including a synopsis of experience and qualifications;
- Curriculum vitae;
- Statement of research experience, interest, and plans;
- Statement of teaching experience, interest, and plans

Only complete applications will be considered. Review of applications will remain ongoing until the position is filled. Three letters of reference will be requested from the position finalists. Employment offers are contingent on the satisfactory outcome of a standard background screening.

8. George Washington Milken Institute School of Public Health, Biostatistics Center: assistant/associate research professor

The Biostatistics Center of the George Washington University, founded in 1972, is a leader in the statistical coordination of clinical trials conducted by the National Institutes of Health. We manage NIH research funding totaling over \$60 million per year for major studies in cardiovascular disease, diabetes, maternal/fetal medicine, osteoporosis, urology, and the genetic basis for various diseases. The center has a staff of over 115 with 35 biostatisticians/epidemiologists, including 13 faculty. We are recruiting a research faculty position to participate in these and future studies. Please visit our web site at www.bsc.gwu.edu to learn more about our research.

We are seeking to hire an Assistant or Associate Research Professor with responsibilities at the Biostatistics Center, a research facility affiliated with the Department of Epidemiology and Biostatistics in the Milken Institute School of Public Health. Position involves serving as Co-Investigator on an existing grant studying diabetes or other conditions. The successful candidate will join a highly competent team of academic biostatisticians and epidemiologists, contribute to the design and analysis of major medical studies, seek substantive scientific and statistical responsibility, interact with medical investigators, participate in the publication of major papers in leading medical journals, and make an impact on issues important to public health through contributions in multiple facets of project involvement. The successful candidate will be expected to develop expertise in the design, conduct, analysis, and report of multi-center collaborative research, with the career goal of directing a research project as the principal investigator of the coordinating center with NIH funding. As a member of the faculty of the Department of Epidemiology and Biostatistics, the candidate will be expected to participate in Milken Institute School of Public Health faculty activities as well as educational activities at the graduate level. The research projects also provide an environment rich in methodological problems, with opportunities for collaboration between faculty and graduate students.

Basic Qualifications: Applicants must have a Doctorate in Statistics, Biostatistics with collaborative medical research experience and publications as a co-investigator.

Application Procedures: To be considered please complete an online faculty application at <http://www.gwu.jobs/postings/55041> and upload: 1) a Curriculum Vitae; 2) a cover letter that includes a synopsis of your experience and qualifications including any medical scientific presentations or publications; and, 3) a statement of research interest to include a statement of career goals and how this position can help you achieve those goals. Three letters of recommendation will be requested only from the finalists.

Only complete applications will be considered. Review of applications is ongoing until the position is filled. Rank and salary are commensurate with experience and qualifications. Employment offers are contingent on the satisfactory outcome of a standard background screening.

9. George Washington University, Milken Institute School of Public Health, Department of Biostatistics and Bioinformatics: Tenured Professorship and Founding Chair

The Milken Institute School of Public Health is seeking a tenured faculty member as Professor and founding Chair of the Department of Biostatistics and Bioinformatics. We seek a dynamic and visionary individual to oversee the transition of biostatistical educational and research activities, currently located in the Department of Epidemiology and Biostatistics, into a new department with an innovative curriculum and cutting-edge scholarship. The successful candidate will have the opportunity to help shape the vision of and provide leadership to the development of the Department of Biostatistics and Bioinformatics.

Core responsibilities of the position will be to provide visionary academic leadership of the new Department, including curriculum development, budgeting, hiring and evaluation of faculty, assessment of the academic program as well as expansion of partnerships with other departments within the University to provide innovative and integrated educational experiences for all students. The Chair must be committed to the principle of diversity and inclusion in our students, staff and faculty. The position requires scientific leadership and experience.

The Milken Institute School of Public Health has a diverse and growing faculty, with a \$90 million research portfolio. As the only school of public health in the nation's capital, faculty and students have a unique opportunity to work closely with government agencies such as the National Institutes of Health, the US Department of Agriculture and the Food and Drug Administration, as well as the numerous non-governmental organizations that are headquartered in DC.

Basic Qualifications: We seek applicants with a doctorate in biostatistics, statistics, bioinformatics, health data science or a related field with strong written and oral communication skills; an established program of research; and a strong national or international reputation supported by a significant record of developing innovative statistical, data analytics or biostatistical methods. Applicants should also have a solid pedagogical record in one or more areas of teaching, advising, or mentoring and a demonstrated commitment to public health.

Application Procedure: Applicants should complete the online faculty application at www.gwu.jobs/postings/64164 and submit the following documents: 1) curriculum vitae; 2) letter of interest; and, 3) statement of qualifications. Only complete applications will be considered. Review of applications will begin on 1/18/2019 and will continue until the position is filled.

10. Penn State, Department of Statistics: assistant research professor

The Department of Statistics, at The Pennsylvania State University, invites applications for an Assistant Research Professor position. The chosen candidate will be working with Professor Dennis Pearl and other faculty with research interests in statistics education. Penn State has a large offering of introductory service courses, courses for statistics majors, and a full set of online offerings allowing for robust studies of pedagogical innovations. Penn State is also currently the headquarters for the Consortium for the Advancement of Undergraduate Statistics Education (CAUSE: see www.CAUSEweb.org) and department faculty have been active in the development of new pedagogy for teaching statistics in both on-line and in-residence formats. The successful applicant will be expected to develop an innovative research program in collaboration with Penn State faculty and staff and/or other members of the statistics education community globally. The position includes no teaching duties during summer or fall, and will be assigned to teach two courses each spring semester (allowing those classes to be available to field-test innovative teaching and learning strategies). This is a fixed-term position with an initial appointment of one year and additional years upon satisfactory performance. Qualified candidate should possess a Ph.D. in Statistics, Biostatistics, Data Science, Statistics Education, Educational Psychology, or other related field at the time of hire. Interested individuals must complete an online Penn State application (<https://psu.jobs/job/84721>) and apply online through Mathjobs.org at <https://www.mathjobs.org/jobs>, submitting all application materials including a cover letter and a CV. Review of applications will begin approximately February 15, 2019 and will continue until the position has been filled. Informal inquiries about this search may be directed to Prof. Dennis Pearl at dkp13@psu.edu.

11. Johns Hopkins University, Division of Biostatistics and Bioinformatics at the Sidney Kimmel Comprehensive Cancer Center: postdoctoral fellow

www.rits.onc.jhmi.edu/DBB; www.hopkinsmedicine.org/armstrong_institute/centers/...

Duration: 1-2 years

Duties and responsibilities: A postdoctoral position is available in the Division of Biostatistics and Bioinformatics at the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins. We are seeking for highly motivated individuals to develop and apply novel statistical methods for evaluating diagnostic tests and biomarkers, identify sources of misdiagnosis and eliminate preventable patient harms from diagnostic errors. The successful candidate will join a multidisciplinary team of researchers who focus on medical diagnosis, precision medicine and electronic health records, with the primary mentor from biostatistics. The main responsibility of this position is statistical methodology development and its computational implementation. The successful candidate will also have the opportunity for collaborative projects with faculty in the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins and in the Armstrong Center for Diagnostic Excellence on projects related to diagnostic accuracy. Our research team has database and visualization experts to help preprocess medical care data and to potentially present the statistical model in an interactive or dynamic fashion. The successful candidate is encouraged to take advantage of these resources.

Qualifications: Candidates should have a strong quantitative background with a doctorate in biostatistics, statistics, or a related discipline. Strong programming skills, ideally in R, are required. Experience in statistical methods for medical diagnosis, survival analysis and electronic health records are preferred.

Application Information: Please send your CV, letter of intent including a brief summary of past/current research, writing sample if available (published or arxiv/biorxiv paper) and three reference letters to Dr. Zheyu Wang at wangzy@jhu.edu

Salary Range: Competitive and depends on research experience.

Benefits: www.hopkinsmedicine.org/som/offices/registrars/...

Applications will be reviewed on a rolling basis.

University of Pennsylvania, Perelman School of Medicine, Division of Biostatistics: Postdoctoral Fellow

The Division of Biostatistics at the Perelman School of Medicine, University of Pennsylvania invites applications for multiple post-doctoral fellow positions in Dr. Qi Long's research group (www.med.upenn.edu/long-lab) with a starting date in 2019. The positions are open until filled and the appointment is for two years, with a possible extension for a third year.

These positions will offer opportunities to develop statistical and machine, bioinformatics, and data mining methods for analysis of big biomedical data, such as electronic health records (EHRs) data and omics data (including gene expression data, SNP data, and metabolomics data etc.). The following two research areas are of particular interest: 1) distributed analysis methods; and 2) integrative analysis of multi-omics data and/or EHRs data for deep phenotyping, prediction of disease risk, prognosis and progression, and identification of disease subtypes etc. One specific example is integrative analysis of multi-omics data for advancing cancer immunotherapies including a) uncovering molecular signatures of adaptive response, and primary and acquired resistance to checkpoint inhibitors, and b) predicting neo-epitope for developing personalized cancer vaccine.

The successful candidate(s) are expected to develop independence in methodological research through activities such as writing peer-reviewed publications for research conferences and journals and giving

presentations, and learn developing grant applications. Extensive interactions with graduate students and other postdocs are expected. In addition, the successful candidate(s) will have opportunities to conduct collaborative research in areas such as cancer.

The starting date is negotiable. If desired, the successful candidate(s) can start immediately.

We seek candidates who embrace and reflect diversity in the broadest sense. The University of Pennsylvania is an EOE. Minorities/Women/Individuals with disabilities/Protected Veterans are encouraged to apply.

Position Qualifications: Ph.D. degree in biostatistics, statistics, computer science, informatics or related quantitative fields. The following skills are desirable but not all of them are required: excellent methodological training in statistics; excellent programming skills in R/Matlab/Python and possibly one lower level computer language such as C/C++; excellent writing and oral communication skills. Expertise and experience in the following areas are considered a plus: deep learning; distributed learning and optimization.

Benefits: www.med.upenn.edu/postdoc

Application Instructions: Applicants should email a cover letter, research statement, CV, and contact information (email and phone) for three references to Dr. Qi Long, qlong@upenn.edu (Subject line: Long postdoc, 2019 Spring).

12. Fred Hutchinson Cancer Research Center, Biostatistics Program: post-doctoral research fellow

The Biostatistics Program at the Fred Hutchinson Cancer Research Center invites applications for multiple post-doc positions in Dr. Michael Wu's group. The fellows will be primarily involved in development and application of statistical methodology within the context of high-dimensional genomic and microbiome studies, but the specific areas of methodological research can be flexible, depending on the fellows' interests and skills. Many challenges exist for analyzing these new types of data, providing exciting opportunities for the development of novel statistical methods. With the data being directly collected from forefront research projects, this work has the potential to be truly high-impact.

The fellows will be supervised by Dr. Michael Wu (research.fhcrc.org/wu) and will have the opportunity to interact with other statistical researchers as well as the opportunity to collaborate with top scientists at the FHCRC and across the country.

The anticipated duration of the position is 2 years with possibility of extension. The start date is negotiable.

Qualifications: Ph.D. or equivalent in Statistics, Biostatistics or in a similar quantitative field. Excellent written and oral communication skills. Strong computing skills.

Application Instructions: Applicants should send a cover letter, CV, and contact information for 2 references to mcwu@fredhutch.org

Funding opportunities and information

1. New NSF Ideas Lab opportunity: Institutes for Data-Intensive Research in Science and Engineering

A new NSF program solicitation (NSF 19-543) is now available: Institutes for Data-Intensive Research in Science and Engineering - Ideas Labs (I-DIRSE-IL)

Please see www.nsf.gov/funding/pgm_summ.jsp?pims_id=505614 for details.

- Preliminary Proposal (required) Deadline Date: January 28, 2019
- Full Proposal Deadline Date: June 19, 2019

2. NIDCR Small Research Grants for Oral Health Data Analysis and Statistical Methodology Development (R03 Clinical Trial Not Allowed)

[\(PAR-19-145\)](#)

National Institute of Dental and Craniofacial Research

Application Receipt/Submission Date(s): Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. The first standard application due date for this FOA is February 16, 2019. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date

3. NIH: Limited Competition: NeuroImaging Tools and Resources Collaboratory (R24 Clinical Trial Not Allowed)

[\(RFA-EB-18-004\)](#)

Funding Opportunity Purpose

The purpose of this Funding Opportunity Announcement (FOA) is to support the NeuroImaging Tools & Resources Collaboratory and to enable collaborative research in neuroimaging informatics. The competition is limited to the U24 awardees and subawardees of RFA-EB-16-002.

National Institute of Biomedical Imaging and Bioengineering

National Center for Advancing Translational Sciences

National Center for Complementary and Integrative Health

National Eye Institute

National Institute on Aging

National Institute on Alcohol Abuse and Alcoholism

Eunice Kennedy Shriver National Institute of Child Health and Human Development

National Institute on Drug Abuse

National Institute of Dental and Craniofacial Research

National Institute of Environmental Health Sciences

National Institute of Mental Health

National Institute of Neurological Disorders and Stroke

National Institute of Nursing Research

Office of Behavioral and Social Science Research

Application Receipt Date(s): February 22, 2019 , by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on this date. No late applications will be accepted for this Funding Opportunity Announcement. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

4. NIH: Mentored Quantitative Research Development Award (Parent K25 - Independent Clinical Trial Not Allowed)

Mentored Quantitative Research Development Award (Parent K25 - Independent Clinical Trial Not Allowed)

[\(PA-19-124\)](#)

National Institutes of Health
National Heart, Lung, and Blood Institute
National Institute on Aging
National Institute on Alcohol Abuse and Alcoholism
National Institute of Allergy and Infectious Diseases
National Institute of Arthritis and Musculoskeletal and Skin Diseases
National Institute of Biomedical Imaging and Bioengineering
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute on Deafness and Other Communication Disorders
National Institute of Dental and Craniofacial Research
National Institute of Diabetes and Digestive and Kidney Diseases
National Institute of Environmental Health Sciences
National Institute of General Medical Sciences

Application Receipt/Submission Date(s): Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

Mentored Quantitative Research Development Award (Parent K25 - Independent Clinical Trial Required)

[\(PA-19-125\)](#)

National Institutes of Health
National Heart, Lung, and Blood Institute
National Institute on Aging
National Institute on Alcohol Abuse and Alcoholism
National Institute of Biomedical Imaging and Bioengineering
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute on Deafness and Other Communication Disorders
National Institute of Dental and Craniofacial Research
National Institute of Diabetes and Digestive and Kidney Diseases

National Institute of Environmental Health Sciences

Application Receipt/Submission Date(s): Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

Mentored Research Scientist Development Award (Parent K01 - Independent Clinical Trial Not Allowed)
[\(PA-19-126\)](#)

National Institutes of Health

National Center for Complementary and Integrative Health

National Human Genome Research Institute

National Heart, Lung, and Blood Institute

National Institute on Aging

National Institute on Alcohol Abuse and Alcoholism

National Institute of Allergy and Infectious Diseases

National Institute of Arthritis and Musculoskeletal and Skin Diseases

National Institute of Biomedical Imaging and Bioengineering

Eunice Kennedy Shriver National Institute of Child Health and Human Development

National Institute on Drug Abuse

National Institute on Deafness and Other Communication Disorders

National Institute of Dental and Craniofacial Research

National Institute of Mental Health

National Institute of Nursing Research

Division of Program Coordination, Planning and Strategic Initiatives, Office of Research
Infrastructure Programs

Application Receipt/Submission Date(s): Standard dates apply by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

Mentored Research Scientist Development Award (Parent K01 - Independent Clinical Trial Required)
[\(PA-19-127\)](#)

National Institutes of Health

National Center for Complementary and Integrative Health

National Human Genome Research Institute

National Heart, Lung, and Blood Institute

National Institute on Aging

National Institute on Alcohol Abuse and Alcoholism

National Institute of Arthritis and Musculoskeletal and Skin Diseases

National Institute of Biomedical Imaging and Bioengineering

Eunice Kennedy Shriver National Institute of Child Health and Human Development

National Institute on Drug Abuse

National Institute on Deafness and Other Communication Disorders

National Institute of Dental and Craniofacial Research
National Institute of Mental Health
National Institute of Nursing Research

Application Receipt/Submission Date(s): Standard dates apply), by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

5. Harnessing the Data Revolution (HDR): Institutes for Data-Intensive Research in Science and Engineering - Ideas Labs (I-DIRSE-IL)

Available Formats:

HTML: www.nsf.gov/pubs/2019/nsf19543/...

PDF: www.nsf.gov/pubs/2019/nsf19543/...

6. NIH: Short Courses on Innovative Methodologies and Approaches in the Behavioral and Social Sciences (R25 Clinical Trial Not Allowed)

[\(RFA-OD-19-012\)](#)

Office of Behavioral and Social Science Research
National Center for Complementary and Integrative Health
National Cancer Institute
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute on Drug Abuse
National Institute of Environmental Health Sciences
National Institute of Mental Health
Office of Disease Prevention

Application Receipt Date(s): January 24, 2019 by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on this date.

7. NSF-CBMS Regional Research Conferences in the Mathematical Sciences

Please see nsf.gov/funding/pgm_summ.jsp?pims_id=504930 for details.

Full Proposal Deadline Date: April 26, 2019

8. NIH: Data Coordinating Center for the Diabetic Foot Consortium (U24 Clinical Trial Not Allowed)

[\(RFA-DK-18-010\)](#)

National Institute of Diabetes and Digestive and Kidney Diseases

Application Receipt Date(s): January 23, 2019, by 5:00 PM local time of applicant organization.

9. NIH: Investigator Initiated Research in Computational Genomics and Data Science (R43/R44 Clinical Trial Not Allowed)

[\(PAR-19-061\)](#)

National Human Genome Research Institute

Application Receipt/Submission Date(s): Standard dates apply, by 5:00 PM local time of applicant organization. *** Note new SBIR/STTR Standard Due Dates. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

10. NIH Requests for Information

- NCI Request for Information (RFI): Input to Advance Computational Approaches in Cancer Prevention Science
[\(NOT-CA-19-010\)](#)
National Cancer Institute
- Request for Information (RFI) on the National Institute on Aging (NIA) Strategic Directions for Research
[\(NOT-AG-18-034\)](#)
National Institute on Aging
- Request for Information (RFI) on Optimal Duration of Medication Treatment for Opioid Use Disorder
[\(NOT-DA-19-006\)](#)
National Institute on Drug Abuse

11. NIH: two data analysis solicitations

- Secondary Analysis of Existing Datasets for Advancing Infectious Disease Research (R21 Clinical Trial Not Allowed)
[\(PA-19-068\)](#)
National Institute of Allergy and Infectious Diseases
Application Receipt/Submission Date(s): Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. The first standard application due date for this FOA is February 16, 2019.
- Small Research Grants for Analyses of Data for the Gabriella Miller Kids First Data Resource (R03 - Clinical Trial Not Allowed)
[\(PAR-19-069\)](#)
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Cancer Institute
National Heart, Lung, and Blood Institute
National Institute on Alcohol Abuse and Alcoholism
National Institute of Dental and Craniofacial Research
National Institute of Neurological Disorders and Stroke
Application Receipt/Submission Date(s): Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement

are due on these dates. The first standard ?a?p?p?i?c?a?t?i?o?n? ?d?u?e? date for this FOA is February 16, 2019.

12. NIH: Data Science Research: Personal Health Libraries for Consumers and Patients (R01 Clinical Trial Optional)

[\(PAR-19-072\)](#)

National Library of Medicine

Application Receipt/Submission Date(s): January 18, 2019, July 31, 2019, January 17, 2020, July 31, 2020, January 19, 2021, July 30, 2021, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

13. Doctoral students can get funding to work with NIJ research scientists and apply their work to criminal justice

The NIJ Research Assistantship Program (RAP) offers highly qualified doctoral students the opportunity to bring their expertise to NIJ to work across offices and program areas to obtain a practical and applied research experience. We welcome students from all academic disciplines to apply and connect their research to the criminal justice field.

NIJ provides funds to participating universities to pay salaries and other costs associated with research assistants who work on NIJ research activities.

Students have until January 25, 2019 to work with their schools to apply.

[Learn more and share this opportunity.](#)

14. EVENT- Innovation Lab: Systems Biology for the Cancer Microbiome

www.cancer.gov/about-nci/organization/dcb

Dear Colleague,

The National Cancer Institute and Memorial Sloan Kettering Cancer Center are hosting an Innovation Lab to explore the intersection of systems biology and the cancer microbiome on April 29-May 3, 2019. Independent investigators with an interest in systems biology of the cancer microbiome and expertise in fields such as mathematics, microbiology, cancer biology, etc. that could be applied to this topic are encouraged to apply.

The goal of The Innovation Lab: Systems Biology for the Cancer Microbiome is to bring together experts from a wide variety of fields to form new collaborations, ideate and refine new projects, and identify opportunities to accelerate research on the influence of the microbiome in cancer using systems approaches. 25 participants who demonstrate a collaborative spirit and represent a variety of different disciplines, backgrounds and approaches will be selected to attend. The deadline to apply is January 25th, 2019 but applications are reviewed as soon as they are received (on a rolling basis), so apply early to ensure consideration. Selected participants will have their travel and hotel accommodations covered by the National Cancer Institute. Applicants must be willing to commit to stay for the entire duration of the Innovation Lab.

Please share this information with any colleagues you think may be interested. The attached announcement may be shared or posted within your academic department. For more information please visit <https://hub.ki/groups/cancersysbiome>

15. Analytical Tools and Approaches for (Multidimensional) Scholarly Research Assessment and Decision Support in the Biomedical Enterprise

- Analytical Tools and Approaches for (Multidimensional) Scholarly Research Assessment and Decision Support in the Biomedical Enterprise (R41/R42 - Clinical Trial Not Allowed)
[\(RFA-DA-19-030\)](#)
National Institute on Drug Abuse
Application Receipt Date(s): March 4, 2019, by 5:00 PM local time of applicant organization.
Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.
- Analytical Tools and Approaches for (Multidimensional) Scholarly Research Assessment and Decision Support in the Biomedical Enterprise (R43/R44 - Clinical Trial Not Allowed)
[\(RFA-DA-19-031\)](#)
National Institute on Drug Abuse
Application Receipt Date(s): March 4, 2019, by 5:00 PM local time of applicant organization.
Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

16. NIH: Accelerating the Pace of Child Health Research Using Existing Data from the Adolescent Brain Cognitive Development (ABCD) Study

- Accelerating the Pace of Child Health Research Using Existing Data from the Adolescent Brain Cognitive Development (ABCD) Study (R01-Clinical Trial Not Allowed)
[\(PAR-19-162\)](#)
National Institute on Drug Abuse
National Center for Complementary and Integrative Health
National Cancer Institute
National Institute of Mental Health
National Institute on Minority Health and Health Disparities
Office of Research on Women's Health
Application Receipt/Submission Date(s): Standard dates apply by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.
- Accelerating the Pace of Child Health Research Using Existing Data from the Adolescent Brain Cognitive Development (ABCD) Study (R21-Clinical Trial Not Allowed)
[\(PAR-19-163\)](#)
National Institute on Drug Abuse
National Cancer Institute
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute of Mental Health
National Institute on Minority Health and Health Disparities

National Institute of Neurological Disorders and Stroke
Office of Research on Women's Health

Application Receipt/Submission Date(s): Standard dates apply by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

17. NIH Summer Research Education Experience Program (Clinical Trials Not Allowed R25)

[\(PAR-19-164\)](#)

National Institute on Alcohol Abuse and Alcoholism
National Institute of Biomedical Imaging and Bioengineering
National Institute on Drug Abuse
National Institute of Environmental Health Sciences
National Institute of Neurological Disorders and Stroke

Application Receipt/Submission Date(s): Standard dates apply, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates. Applicants are encouraged to apply early to allow adequate time

Workshops, Webinars and Conferences

1. Rising Stars in Computation and Data Sciences Workshop

The Institute for Computational Engineering and Sciences (ICES) at UT Austin and Sandia National Laboratories (SNL) are partnering together to host [Rising Stars in Computational and Data Sciences](#), an intensive workshop for women graduate students and postdocs who are interested in pursuing academic and research careers. The workshop will be held April 9-10, 2019 at ICES.

We are seeking nominations for outstanding candidates in their final year of PhD or within three years of having graduated. We will select approximately 25 women to come to ICES for two days of research presentations, poster sessions, and interactive discussions about academic and research careers, with travel expenses fully covered.

Full details, including the nomination form, are at

<https://risingstars.ices.utexas.edu/>

Please consider nominating one of your outstanding current/recent PhD students or postdocs. Nominations are due **January 22, 2019**.

On behalf of the organizing committee: Tammy Kolda (SNL), Jim Stewart (SNL), Rachel Ward (ICES), Karen Willcox (ICES)

1. Meeting of New Researchers in Statistics and Probability

The 21st Meeting of New Researchers in Statistics and Probability will be held in Fort Collins, Colorado, July 24-27, immediately prior to JSM 2019 in Denver, Colorado. The purpose of the conference is to promote interaction and networking among new researchers in statistics and probability and to provide

them with valuable insights from leaders in the field. More details can be found here: <http://groups.imstat.org/newresearchers/conferences/nrc.html>. We are now accepting applications from individuals interested in participating who received their Ph.D. in or after 2014 or expect to receive their Ph.D. by the end of 2019. Women and minorities are especially encouraged to apply.

2. 2019 Duke-Industry Statistics Symposium

We are happy to announce the 2019 Duke-Industry Statistics Symposium (DISS2019) to be held on April 10-12, 2019 at Duke University. The link for registration to short courses and the symposium is sites.duke.edu/DISS2019

This annual symposium is organized by the Department of Biostatistics and Bioinformatics, Duke University School of Medicine and co-sponsored by Amgen, ASA-NC Chapter, Boehringer-Ingelheim, ICSA, IQVIA, Janssen, Journal of Biopharmaceutical Statistics, PAREXEL, PPD and SAS. The symposium was established 5 years ago to discuss challenging issues and recent advances related to the clinical development of drugs, biologics and devices and to promote research and collaboration among statisticians from industry, academia, and regulatory agencies.

The theme for this year symposium will be "Innovative Design and Analysis for Complex Clinical Trials for Drug and Device Developments." DISS 2019 will be held at the Durham Hilton in Durham, NC, about one mile from Duke University campus. The first day will be devoted to four short courses. The 2nd day will begin with opening remarks by Dr Larry Carin, Vice Provost for Research of Duke University, followed by a keynote speech by Dr. John Scott, Director for the Center for Biologics Evaluation and Research with the U.S. Food and Drug Administration on "Informing Decision Making through Innovative Trial Designs and Analysis." Nine parallel sessions will follow and are listed below. A poster session will also be held. On the morning of the 3rd day, Dr. Scott Berry of Berry Consultants will give a keynote speech on "Innovating the Clinical Trial: Adaptive and Platform" followed by the remainder of the parallel scientific sessions.

The schedule for the two and half day event is outlined below. Please visit [2019 Duke Industry Statistics Symposium](#) to find more information and to register the event.

3. Call for abstracts - 2019 New England Symposium on Statistics in Sports

Saturday, September 28, 2019

The 2019 New England Symposium on Statistics in Sports will be a meeting of statisticians, statistical researchers, and quantitative analysts connected with sports teams, sports media, and universities to discuss common problems of interest in statistical modeling and analysis of sports data. The symposium format will be a mixture of invited talks, a poster session, and a panel discussion. Students in particular are encouraged to submit abstracts; a prize will be awarded to the best student poster as decided by a panel of judges.

ABSTRACTS FOR TALKS AND POSTERS ARE NOW REQUESTED, AND SHOULD BE SUBMITTED ON THE ONLINE [ABSTRACT SUBMISSION FORM](#)

THE SUBMISSION DEADLINE FOR ABSTRACTS IS JUNE 15, 2019.

Decisions for accepting abstracts will be made by June 30, 2019.

Further details of the 2019 NESSIS are forthcoming. Complete up-to-date information will be posted at the [2019 NESSIS web site](#).

Please contact Mark Glickman (glickman@fas.harvard.edu) or Scott Evans (sevens@bsc.gwu.edu), the co-organizers of the symposium, with any questions.

We would appreciate your forwarding this announcement to anyone who might be interested.

4. Emerging Data Science Methods for Complex Biomedical and Cyber Data

The Division of Biostatistics and Data Science in the Department of Population Health Sciences in the Medical College of Georgia (MCG) at Augusta University (AU) is organizing a workshop on “Emerging Data Science Methods for Modeling Complex Biomedical and Cyber Data”. The goal of this two-day workshop is to educate and empower graduate students, postdoctoral fellows, and early career researchers and faculty members with emerging statistical methods to address the complex data arising from various fields, in particular, from biomedical and cyber science.

The workshop will be in the form of specific research overviews and lectures provided by leading experts in the respective topic areas. A poster session will be held during the first day of the workshop. A limited number of posters will be selected for poster awards.

Speakers:

- Rachel Cummings, Georgia Institute of Technology
- George Cybenko, Dartmouth College
- Bani Mallick, Texas A&M University
- Douglas Miller, Augusta University
- Ashis SenGupta, Indian Statistical Institute
- Elizabeth Slate, Florida State University
- Jiayang Sun, Case Western Reserve University
- Alyson Wilson, North Carolina State University
- Heping Zhang, Yale University

The workshop is financially supported by the Augusta University Office of SVP for Research and the Statistical and Applied Mathematical Sciences Institute (SAMSI). A limited number of travel awards up to \$800 each is available to attendees to offset eligible workshop-related expenses.

For more information and to register, please visit <https://www.augusta.edu/mcg/dphs/workshop>.

5. Multiscale Modelling and Simulation Workshop, 16th edition

<https://mms.computationalscience.nl>

The workshop is part of the International Conference on Computational Science (ICCS -2019) to be held in Faro, Portugal, 12-14 June 2019.

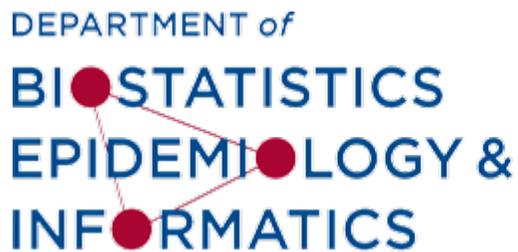
The workshop wants to provide a dynamic forum for multiscale application modelers, to encourage senior and junior researchers to share their work with their colleagues and especially to network to form solid collaborations!

Submissions are accepted in the form of full paper and abstract and a 30% of them will be selected for publication by Springer in the Lecture Notes in Computer Science (LNCS) series and indexed by Scopus, EI Engineering Index, Thomson Reuters Conference Proceedings Citation Index (included in ISI Web of Science), and several other indexing services.

The papers will contain linked references, XML versions and citable DOI numbers.

After the conference, selected papers will be invited for a special issue of the Journal of Computational Science.

6. ASA Co-Sponsoring 12th Annual Conference on Statistical Issues in Clinical Trials



Registration Is Open!

The 2019 conference will bring together leading scientists to present and lead open discussions about this year's topic—***Electronic Health Records (EHR) in Randomized Clinical Trials: Challenges and Opportunities***. Interested academic, industry, and government professionals are invited to participate!

When: Wednesday, April 17, 7:30 a.m. – 5:00 p.m.

Where: University of Pennsylvania, Philadelphia, PA

[Learn More About the Conference](#)

[Register Online](#)

7. Symposium on Data Science and Statistics – abstract deadline soon



Contributed Paper Abstracts Due Soon

Contributed Paper Abstracts Due January 31; E-Poster Abstracts Due in March

Early registration for the 2019 Symposium on Data Science and Statistics may be opening soon, but opportunities to be on the program are *closing* soon, too!

If you're a data scientist, computer scientist, or statistician who analyzes and visualizes complex data, you and your work could have a place on the program.

Abstract Submission Info

Many invited speakers are already on the program, and you can browse all the invited sessions [online](#). Think about which of the seven SDSS tracks best encapsulates your work and ideas, and then [start your paper or e-poster abstract submission](#).

Just remember deadlines are approaching quickly! Contributed paper abstract submissions are due January 31, and e-poster abstract submissions are due March 12.

[Invited Program](#)

[SDSS 2019 Website](#)

8. Call for Invited Session Proposals ICSA-Canada Chapter Symposium

The 4rd ICSA – Canada Chapter Symposium, *Advances and Innovations in Statistics and Data Science*, will be held August 9-11, 2019 at Queen's University in Kingston, Ontario. Devon Lin of Queen's University is the Chair of the Local Organizing Committee, Wenqing He of the University of Western Ontario is the Chair of the Scientific Committee. Professor Tony Cai of University of Pennsylvania and Professor Runzhe Li of Pennsylvania State University will be the Keynote Speakers of the Symposium.

The symposium welcomes proposals for invited sessions. An invited session consists of four speakers (or three speakers and a discussant), with each speaker having 25 minutes for the presentation and discussion. An invited session proposal should include

- Title of the proposed session

- Organizer: Name, affiliation and email address
- Description of the session: Motivation and background
- Speakers: Name, affiliation, email address and tentative title of the talk for each speaker

Each speaker is restricted to give one presentation at the symposium, either in an invited session as a speaker/discussant or in a contributed session. The session organizer can be an invited speaker in the same session. Please send your proposal by email to the Chair of the Scientific Program (Wenqing He, wh@stats.uwo.ca). The deadline for submission of proposals is March 15, 2019.

If you are unable to organize an invited session but like to attend the symposium and give a contributed talk, please contact Wenqing He as well. For further details, please contact the Chair of the Local Organizing Committee (Devon Lin, devon.lin@queensu.ca) or the Chair of the ICSA – Canada Chapter (Liqun Wang, Liqun.Wang@umanitoba.ca).

Please visit <http://www.icsa-canada-chapter.org/symposium2019/home.html> for more updated information.

Awards and Other Opportunities

1. Elevating Mathematics Video Competition

The mathematical sciences are part of everyday life. Modern communication, transportation, science, engineering, technology, medicine, manufacturing, security, finance, and many other disciplines depend on the mathematical sciences, even if we don't always realize it. It is important for mathematical researchers to convey the importance of their work to diverse audiences. This often comes down to being able to quickly and simply describe what you are doing and why.

With that in mind, the National Academies' Board on Mathematical Sciences and Analytics (BMSA) invites early career professionals and students who use mathematics in their work to submit short video "elevator speeches" describing how their work in mathematics is important and relevant to our everyday lives. This can be an unedited selfie video, an animation, or any other format. We just want to learn about why your work is important in 1-2 minutes.

The winning video will be announced and played during the [2019 SIAM Conference on Computational Science and Engineering](#) in Spokane, Washington. The winning participant will receive \$1000 and be featured on our website. You do not need to attend the conference or be a SIAM member to participate.