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Washington University School of Medicine in St. Louis: Opportunities for Mid-Career and Entry-Level Faculty Positions in the Division of Biostatistics

Washington University School of Medicine in St. Louis is among the world’s premier health research institutions and is committed to advancing human health throughout the world. As noted leaders in patient care, research, and education, our outstanding faculty have contributed many discoveries and innovations to the field of science since the founding of the School of Medicine in 1891.

The Division of Biostatistics at Washington University School of Medicine, in collaboration with the Institute for Clinical and Translational Sciences (ICTS), invites applications for a mid-career and an entry-level faculty opening in Biostatistics. The successful candidates will join a highly multi-disciplinary Biostatistics Division that plays critical roles in several large scale centers and institutes at the forefront of research in clinical and translational sciences, genome sequencing, cancer, and Alzheimer Disease. The Division of Biostatistics faculty conduct cutting edge research in statistical sciences as applied in a range of biomedical and genomic projects including observational studies, clinical trials, and statistical genetics. It also offers a growing graduate training program in biostatistics.

Mid-Career Position (Associate Professor or Professor): The mid-career position offers an excellent opportunity for individuals with leadership capabilities and a commitment to excellence, innovation, and originality combined with the desire to engage in cutting-edge research on statistical methods and their application in health sciences. Candidates with extensive experience in observational studies and clinical trials would be preferred.

Applicants must have a PhD in biostatistics, statistics, or a related field in quantitative sciences; exceptional research and scholarly capacity with a distinguished and nationally recognized record of accomplishments in biostatistics and multi-disciplinary research; track record of leadership roles in supporting and attracting external funding; excellent skills in statistical consulting, communication, and collaborative research; and a passion for teaching and mentoring graduate students. The ideal candidate will have
strong leadership characteristics to guide and contribute to the growth and success of the Division and be willing to serve on various academic activities and committees.

Entry-Level Position (Instructor or Assistant Professor): The entry level position represents an excellent opportunity for young and ambitious candidates with a commitment to excellence, innovation, and originality combined with a desire to engage in multi-disciplinary collaborative research with investigators leading cutting-edge research in health sciences. Required qualifications include a PhD in biostatistics, statistics, or a related quantitative field and a commitment to pursuing productive collaborative research. Candidates with training and/or experience in observational studies and clinical trials would be preferred.

We strongly encourage women and underrepresented minorities to apply; Washington University is an equal opportunity/affirmative action employer. Interested candidates are encouraged to apply with a statement of research interests, CV, (transcripts for entry-level position) and three letters of recommendation to: Biostatistics Search Committee, Division of Biostatistics, Washington University School of Medicine, 660 South Euclid, Campus Box 8067, St. Louis, MO 63110-1093. Application materials may also be e-mailed to: biostatisticssearchcommittee@wubios.wustl.edu

(2) Department of Statistics, University of Georgia: Associate Director – Statistical Consulting Center

The Department of Statistics at the University of Georgia invites applications for the position of Associate Director of the Statistical Consulting Center, starting January 2016. Applicants must possess a Ph.D. degree in Statistics or a closely related field, and would be hired at the rank of Academic Professional, which is a non-tenure track faculty rank with a career ladder. The primary duties are management and promotion of the UGA Statistical Consulting Center, including: hiring, training and supervision of graduate student consultants; provision of statistical advice and reports for SCC clients, both on-campus and off-campus; participation in grant and contract proposal writing as required by clients; oversight of daily operations; maintaining adequate records; visiting potential UGA clients to promote the activities of the SCC; and regularly reporting on SCC activities. The selected candidate will be encouraged to take advantage of professional development opportunities within and outside of UGA, and to collaborate with the Director of the SCC to help meet and expand the missions of the SCC, including participation in national conferences and participating in the exchange of ideas with other established statistical consulting centers. An additional related duty is the teaching of a graduate course in Statistical Collaboration once per academic year. This is a 12-month full-time position; salary is commensurate with academic statistical consulting and management experience. Applicants should send, as a single .pdf file: an application letter, curriculum vitae, a graduate school transcript, and a statement summarizing consulting and/or management experience to scc@stat.uga.edu. In addition, the applicant should arrange for three letters of reference to be sent to the above e-mail address.
The department will begin reviewing applications on November 1, 2015, and continue until the position is filled. For more information about the department and the university, please visit our website at http://www.stat.uga.edu. Georgia is well known for its quality of life, and for outdoors, urban, arts and cultural activities (http://www.exploregeorgia.org/). The University of Georgia (www.uga.edu) is a land grant/sea grant institution located 90 miles northeast of Atlanta.

The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, gender identity, sexual orientation or protected veteran status.

(3) Department of Mathematics, Colgate University: tenure-track assistant professor of statistics

The Department of Mathematics at Colgate University is accepting applications for a tenure-stream, full-time position in statistics at the level of Assistant Professor, beginning fall semester 2016. Completion of a PhD in statistics is expected prior to, or shortly after, the date of hire. The successful candidate will teach introductory courses in the department, contribute to curricular development through upper level undergraduate courses in statistics and possibly in related areas (such as actuarial sciences), as well as mentor student projects. The successful candidate will have the opportunity to help shape the direction in which statistics is taught at Colgate. Colgate provides support for interdisciplinary collaboration on and off campus. We also have a group of faculty in mathematics, biology, computer science, and physics working at the intersections of these disciplines.

Colgate University is a highly selective, undergraduate, liberal arts college of 2900 students situated in central New York. Colgate faculty are committed to excellence in both teaching and scholarship. Faculty members teach five courses per year; all faculty are expected to participate in all-university programs, including the Liberal Arts Core Curriculum. A complete application includes a cover letter, a vita, an unofficial graduate transcript, statements on teaching and research, and three letters of recommendation, one of which must address teaching in detail. Colgate strives to be a community supportive of diverse perspectives, identities. Candidates should describe in their cover letter (or other statement) their approach to teaching and/or scholarship in a diverse and inclusive educational environment. We welcome interpretations of diversity in the broadest sense; diversity may occur in, but is not limited to, issues involving: age, culture, ethnicity, gender, political beliefs, race, religious beliefs, sexual orientation, and socio-economic status. All applicants should apply through mathjobs (at http://www.mathjobs.org/jobs/jobs/7576).

Review of applications will begin October 5, 2015 and continue until the position is filled. Applicants with dual-career considerations can find postings of other employment opportunities at Colgate and at other institutions of higher education in upstate New York at www.upstatenyherc.org. Preliminary interviews will be conducted by phone or
Skype. Colgate University is an Equal Opportunity/Affirmative Action Employer; women and candidates from historically underrepresented groups are especially encouraged to apply.

(4) University of Texas MD Anderson Cancer Center: postdoctoral positions

Duties & Responsibilities: The Department of Biostatistics at The University of Texas MD Anderson Cancer Center has postdoctoral positions open for computational statistics with applications in biostatistics & bioinformatics. The postdoctoral fellows will work under the supervision of Dr. Jeffrey S. Morris. The primary research focus will be on developing novel statistical and computational methodology for functional and image data analysis, with a special focus on complex, high-dimensional functions and images. Two specific projects include (1) Bayesian models for fMRI data from a smoking cessation study, including integrated modeling approaches to detect activated voxels while carefully accounting for complex spatial, temporal, and multi-level correlation structures and Bayesian methods for multi-level graphical models; (2) Bayesian methods for LC/MS proteomics data, combining biological knowledge and functional data modeling techniques using fast approximate Bayesian computational procedures. Besides these specific projects, other application-driven methodological research could be done, with some other application areas including event-related potentials (ERP), diffusion MRI methods such as DTI/MAP-MRI, functional data on the sphere and multivariate real-time time series from glaucoma studies, and various types of genomics data including copy number, methylation, miRNA, ncRNA, microarray, RNAseq, and proteomics data with corresponding clinical outcomes collected from large numbers of colon cancer patients that can be modeled in an integrated fashion.

Position Qualifications: We seek a highly motivated individual with a Ph.D. degree in statistics/biostatistics or related quantitative fields. Must have strong methodology training in statistics/biostatistics; strong programming skills, in particular R/Matlab and possibly one lower level computer language such as C or Fortran; interest in statistical methodology research. Interest or background in neuroimaging, bioinformatics, genomics, or proteomics is a plus. Expertise or skills in any of the following areas are desirable: analysis of high-dimensional data, Bayesian MCMC computations, approximate Bayesian computational methods, Variable selection and sparsity priors, linear models, nonparametric regression, spatio-temporal data, multivariate techniques, functional data analysis, image data.

The University of Texas MD Anderson Cancer Center is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, gender, sexual orientation, age, religion, disability, or veteran status except where such discrimination is required by law. All positions are security sensitive and subject to examination of criminal history record information. Smoke-free and drug-free work environment.

Salary Range: $65,000 USD/year

training/schools-and-programs/research-training/programs-and-courses/postdoctoral-research-programs/benefits/index.html

Web Site: http://www.mdanderson.org/departments/biostats/

Application Address: Interested applicants should send a cover letter and CV and research statement (with three references) to: pcunning@mdanderson.org and jefmorris@mdanderson.org (Subject line: Morris postdoc)

Application Deadline: Consideration of applications will begin immediately, and continue until positions are filled.

(5) Indiana University RM Fairbanks School of Public Health, Department of Biostatistics: Postdoctoral Fellow in Biostatistics

The Department of Biostatistics at the Indiana University Fairbanks School of Public Health and School of Medicine is located in Indianapolis, IN. The Department, with 18 faculty members, 20+ PhD students, 10+ Masters students and a professional staff of over 30, has an extensive portfolio of methodological and collaborative research projects.

Duties & Responsibilities: Postdoctoral Fellowship in Biostatistics at the Indiana University RM Fairbanks School of Public Health is offered as a part of a project on modeling cross-sectional and longitudinal changes in structural brain imaging markers using and developing advanced regularization regression methods. The fellow will be involved in all aspects of the project, but specific emphasis will be given to the development and implementation of novel statistical methods for multi-modal brain imaging and structured penalization. Methodological developments will be accompanied by writing computational code in R, C++ and/or Matlab.

The postdoctoral fellow will work under the supervision of Dr. Jaroslaw Harezlak. Besides the specific project described, methodological research will be encouraged in other areas of the research conducted in Dr Harezlak’s laboratory (http://il-balbs.org).

Position Qualifications: We encourage applications from highly motivated individuals with a doctoral degree in biostatistics, statistics or related quantitative fields. Ideally the candidate will have methodological research publication record, experience with advanced statistical computation, and excellent communication skills. Expertise in modern regression methods is strongly preferred and the experience with the neuroimaging data is definitely a plus. Strong statistical programming skills, especially in R, are required.

Salary Range: Competitive

Web Site: http://biostat.iupui.edu/people/faculty/jaroslaw-harezlak/
Application Address: Interested applicants should email CV, research statement and a minimum of two recommendation letters to: harezlak at iu dot edu. The University actively encourages applications and nominations of women, persons of color, veterans, applicants with disabilities, and members of other under-represented groups. Additionally, it is the University's policy to provide reasonable accommodations for qualified persons with disabilities. Indiana University is an EEO/AA employer, M/F/D

Application Deadline: Consideration of applications will begin immediately, and continue until the position is filled.

(6) Department of Statistics, North Carolina State University: Teaching Assistant Professor

The Department of Statistics at North Carolina State University invites applications for a non-tenure track position at the Assistant Professor level to begin in August 2016. Applicants must have a Ph.D. in Statistics or Biostatistics by the time of hire. Experience and excellence in teaching is required. The initial appointment is expected to be for two years, but the position is eligible for subsequent appointments, and promotions in rank are possible.

To apply, go to https://jobs.ncsu.edu/postings/53972. Applicants must complete an online application and upload a cover letter, curriculum vitae, and letter of teaching philosophy. Transcripts are encouraged as part of the application and may also be uploaded as an optional document. Transcripts are required of all finalists.

Candidates are required to visit http://www.stat.ncsu.edu/references to submit the email addresses for references. We will ask each of your references to send their recommendation directly to us. Candidates will not be evaluated until at least three reference letters are received.

The Department provides a dynamic environment for teaching, research and collaborations across disciplines. Inclusiveness and diversity are academic imperatives and thus are university goals. We are particularly interested in candidates who have experience working with students from diverse backgrounds and a demonstrated commitment to improving access to higher education for students from underrepresented groups. The Department’s location in the Research Triangle provides rich opportunities for interactions with industry; other universities, including Duke University and the University of North Carolina at Chapel Hill; and government agencies. Faculty enjoy collaborations with medical researchers at Duke, environmental scientists at the EPA research facility, pharmaceutical researchers at Glaxo-SmithKline, and software developers at SAS Institute, among many others. The Department is also a founding cooperator of the National Institute of Statistical Sciences (NISS) and the NSF-funded Statistical and Applied Mathematical Sciences Institute (SAMSII), both located nearby in Research Triangle Park.
For more information about the Department of Statistics at NC State, please visit:
http://www.stat.ncsu.edu/

Questions about this position may be directed to the Search Chair, Dr. Roger Woodard (teach_stat_search@stat.ncsu.edu).

Processing of applications will begin November 20, 2015 and continue until the position is filled.

NCSU is an equal opportunity and affirmative action employer. Women and members of other underrepresented groups are encouraged to apply. In addition, NC State University welcomes all persons without regard to sexual orientation or genetic information. We welcome the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners.

(7) Department of Statistics, North Carolina State University: three tenure track positions

The Department of Statistics at North Carolina State University invites applications for three tenure track positions to begin in August 2016: two open-rank positions and one Assistant Professor position. For outstanding candidates, the open-rank positions may be combined with named professorships.

Candidates for the open rank positions must have an established record of funded research, collaboration, and exemplary teaching. Level (Associate / Full Professor) will be determined upon hire. Applicants may have interest in theoretical or methodological research in any area of statistics, but high priority will be given to individuals with strong computational skills, interest in high-dimensional data analysis, and ability and desire to supervise graduate student research. Excellence in teaching is also a key expectation. To apply for an open-rank position, go to https://jobs.ncsu.edu/postings/55266.

Applicants must complete an online application and upload a cover letter and curriculum vitae. Transcripts and letters of reference will be required of all finalists.

To apply for the Assistant Professor position, go to https://jobs.ncsu.edu/postings/55131. Applicants must complete an online application and upload a cover letter, curriculum vitae, teaching statement, and research statement. Transcripts are encouraged as part of the application and may also be uploaded as an optional document. Transcripts are required of all finalists. Candidates for the Assistant Professor position are required to visit http://www.stat.ncsu.edu/references to submit the email addresses for references. We will ask each of your references to send their recommendation directly to us. Candidates will not be evaluated until at least three reference letters are received.

The Department provides a dynamic environment for teaching, research and collaborations across disciplines. Inclusiveness and diversity are academic imperatives and thus are university goals. We are particularly interested in candidates who have
experience working with students from diverse backgrounds and a demonstrated commitment to improving access to higher education for students from underrepresented groups. The Department's location in the Research Triangle provides rich opportunities for interactions with industry; other universities, including Duke University and the University of North Carolina at Chapel Hill; and government agencies. Faculty enjoy collaborations with medical researchers at Duke, environmental scientists at the EPA research facility, pharmaceutical researchers at Glaxo-SmithKline, and software developers at SAS Institute, among many others. The Department is also a founding cooperator of the National Institute of Statistical Sciences (NISS) and the NSF-funded Statistical and Applied Mathematical Sciences Institute (SAMSI), both located nearby in Research Triangle Park.

For more information about the Department of Statistics at NC State, please visit: http://www.stat.ncsu.edu/

All applicants must have a Ph.D. in Statistics, Biostatistics or relevant field.

Questions about any of these tenure-track positions may be directed to the Search Committee Chair,

Dr. Ana-Maria Staicu (stat_search@stat.ncsu.edu).

Processing of applications will begin November 20, 2015 and continue until the positions are filled.

*NCU is an equal opportunity and affirmative action employer. Women and members of other underrepresented groups are encouraged to apply. In addition, NC State University welcomes all persons without regard to sexual orientation or genetic information. We welcome the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners.*

(8) Department of Statistics, University of California, Davis: Assistant Professor of Statistics

The Department of Statistics at the University of California, Davis, invites applications for a full-time Assistant Professor Faculty position in Statistics. All areas of Statistics will be considered. Individuals specializing in statistical methods for large and complex or massive data are especially encouraged to apply. A Ph.D. in Statistics or a related area is required. Candidates must possess (or demonstrate the potential to achieve) a strong record in research, teaching, and service. Candidates must also possess the ability to teach all undergraduate and graduate courses in Statistics and should be strongly committed to providing service to the department, university, and statistics communities.

The start date for this position is July 1, 2016. The position will remain open until filled but to assure full consideration submit a cover letter, curriculum vitae, Statement of Research, and Statement of Teaching (and, if PhD obtained during 2013 or later,

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

(9) Department of Bioinformatics and Biostatistics, School of Public Health and Information Sciences, University of Louisville: faculty position, tenured or tenure track

Department of Bioinformatics and Biostatistics, School of Public Health and Information Sciences, University of Louisville (http://louisville.edu/sphis/bb/) is inviting applications for a tenure track or tenured faculty position, beginning Spring of 2016 or fall of 2016, at the level of experienced assistant (3 or more years in rank) or associate professor. An appointment at a full professor level may be considered for an applicant with suitable credentials in teaching, service and funded research.

Duties include, but are not limited to, conducting high quality research in biostatistics, pursuing collaborative and individual research grants, taking part in consulting initiatives and teaching in the departmental and school's graduate and undergraduate programs.

While strong candidates from all research areas will be considered, we prefer candidates whose research areas are complementary to those of the existing faculty. Persons with collaborative research experiences including funding and a broad teaching background in public health, information sciences and related areas are highly encouraged to apply. The department currently maintains very successful MS and doctoral programs in biostatistics. It also takes part in school based public health undergraduate and masters programs.

Applicants must have earned a Ph.D. or equivalent in biostatistics, statistics, or a closely related discipline by December 31, 2015. Screening of applications will begin immediately and continue until the position is filled.

A curriculum vita is required to be submitted as part of the online application at http://louisville.edu/hr/employment/applicants (Job Opening ID 31573). Additionally, a CV and three reference letters, along with a cover letter detailing the background, research interests, teaching interests and relevant experience, are required to be sent to Lynne Dosker by email at lynne.dosker@louisville.edu.

The University of Louisville is an Affirmative Action, Equal Opportunity, Americans with Disabilities Employer, committed to diversity and, in that spirit, seeks applications from a broad variety of candidates.
Colorado State University: Associate Director of GAUSSI Program

GAUSSI is a campus-wide transdisciplinary graduate training program for Generating, Analyzing, and Understanding Sensory and Sequencing Information. The Associate Director will be involved with research activities integrated with the training program to address themes critical to advance understanding of fundamental data-related questions facing biological and biomedical sciences. Interdisciplinary teams will be forged to tackle research involving biological sensors, detection of microbes, regulation of gene expression, and evolutionary genomics and genome assembly.

Faculty across engineering, life sciences, computer science, mathematics, and statistics will develop a flexible, customizable collection of educational modules, to create personalized training experiences for students from diverse backgrounds. Trainees will develop the skills and tools to process, analyze, visualize, and understand large datasets from bio-sensing to next generation DNA sequencing. Additionally, the program incorporates a wide range of transferable skills training so that trainees will be well equipped to engage and lead data-centric research within academia, government, or industry.

The ideal candidate must have a strong desire to be a part of a highly multidisciplinary team of faculty members to build a strong campus-wide training and research program. The candidate should be a success-driven and self-motivated individual with an industrial and/or academic background relevant to understanding big data analyses. Applicants. Ability to effectively interact with three different constituencies of the GAUSSI program (CSU faculty and administrators, industrial partners, and federal agencies) to advance GAUSSI’s training and research agenda is highly desirable. The program coordinator will be actively involved in all aspects of the GAUSSI program and reports to the director of the GAUSSI program.

For more details and the complete job announcement, see https://jobs.colostate.edu/postings/17149.

Department of Statistics, UIUC: Assistant professor (tenure track)

The Department of Statistics at the University of Illinois at Urbana-Champaign invites applications for a full time tenure-track Assistant Professor position in Statistics and Data Science with an anticipated starting date of August 16, 2016. PhD in Statistics, Biostatistics, Data Science, Computer Science, Engineering or related field required. To ensure full consideration, all required application materials must be submitted by December 1, 2015.

For further details please visit http://www.stat.illinois.edu/employment/

Illinois is an EEO Employer/Vet/Disabled www.inclusiveillinois.illinois.edu
**Fred Hutchinson Cancer Research Center: Post-Doctoral Research Fellow**

**Location**  
US-WA-Seattle

**Overview**  
A Post-Doctoral Research Fellow position is available in Dr. Wei Sun’s group at the Fred Hutchinson Cancer Research Center.

**Responsibilities**  
The successful applicant will develop and apply statistical methods to analyze cancer genomic data with the goal for precision cancer therapy. These research works will lead to both mythological and collaborative publications in high-quality, peer-reviewed journals.

**Qualifications**  
Suitable applicants should have a PhD or equivalent degree in Statistics, Biostatistics, Computer Science, Bioinformatics, or other related fields. The candidate should have solid training in statistical methods and excellent computational skills (e.g., able to write script or C/C++ codes to analyze large scale genomic data). In addition, background in biology and genetics, and excellent organization and communication skills are plus.

Fred Hutchinson Cancer Research Center and Seattle Cancer Care Alliance are equal opportunity employers committed to workforce diversity. Diversity is essential to our pursuit of eliminating cancer and other causes of human suffering and saving lives. We support equal employment opportunity in hiring, development, and advancement for all qualified persons without regard to race, color, religion, age, sex, national origin, ancestry, physical or mental disability, veteran status, sexual orientation, gender identity, marital status, or any other protected status. Come join a team that seeks, celebrates, and leverages diversity to support our mission and strengthen our culture of creativity, innovation, and lifesaving research and patient care.

**Application Address**  

**Application Deadline**  
Consideration of applications will begin immediately, and continue until positions are filled.

**National Center for Health Statistics/AcademyHealth Health Policy Fellowship**
The NCHS/AcademyHealth Health Policy Fellowship brings experts in health services research-related disciplines to NCHS for a 13-month period to conduct research studies that address important issues in health policy.

The selected Fellow gains full access to NCHS data resources, as well as several opportunities for professional development, collaboration, mentoring partnerships, and dissemination. He/she will work closely with an NCHS staff member who can provide technical expertise related to the Fellow’s research, assist in assessing NCHS data systems and other resources, and help identify other collaborative opportunities.

Among the opportunities afforded to the selected Fellow are the following:

- Presenting research at an NCHS seminar;
- Learning the fundamentals of health policy development and implementation at AcademyHealth’s Health Policy Orientation; and
- Attending and presenting research at AcademyHealth conferences, including the National Health Policy Conference and Annual Research Meeting.

Applicants are required to complete the Intent to Apply form online to begin the application process. Full applications are due Monday, November 9.

For more information on this fellowship, including application criteria and the timeline, please visit the AcademyHealth website or email nchs@academyhealth.org.

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(1) NCI Outstanding Investigator Award (R35)


This Funding Opportunity Announcement (FOA) invites grant applications for the Outstanding Investigator Award (R35) in any area of cancer research.

The objective of the National Cancer Institute (NCI) Outstanding Investigator Award (OIA) is to provide long-term support to accomplished investigators with outstanding records of cancer research productivity who propose to conduct exceptional research. The OIA is intended to allow investigators the opportunity to take greater risks, be more adventurous in their lines of inquiry, or take the time to develop new techniques. The OIA would allow an Institution to submit applications nominating established Program Directors/Principal Investigators (PDs/PIs) for 7-year grants.
It is expected that the OIA would provide extended funding stability and encourage investigators to embark on projects of unusual potential in cancer research. The research projects should break new ground or extend previous discoveries toward new directions or applications that may lead to a breakthrough that will advance biomedical, behavioral, or clinical cancer research.

Key Dates
Posted Date September 4, 2015

Open Date (Earliest Submission Date) October 23, 2015

Letter of Intent Due Date(s) October 23, 2015

Application Due Date(s) November 23, 2015, by 5:00 PM local time of applicant organization.

(2) Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences (CDS&E-MSS)

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

See these Amstat News pieces: http://magazine.amstat.org/blog/2014/03/31/fundingopportunity/ and http://magazine.amstat.org/blog/2012/10/01/funding1012/

See also CDS&E program: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504813&WT.mc_id=USNSF_39&WT.mc_ev=click

DUE DATES

Full Proposal Window: November 25, 2015 - December 9, 2015
November 25 - December 9, Annually Thereafter

SYNOPSIS

The CDS&E-MSS program accepts proposals that confront and embrace the host of 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. The goal of the program is to promote the creation and development of the next generation of mathematical and statistical theories and tools that will be essential for addressing such issues. To this end, the program will support fundamental research in mathematics and statistics whose primary emphasis will be on meeting the aforementioned computational and data-related challenges. This program is part of the wider Computational
and Data-enabled Science and Engineering (CDS&E) enterprise in NSF that seeks to address this emerging discipline; see http://www.nsf.gov/mps/cds-e/
The research supported by the CDS&E-MSS program will aim to advance mathematics or statistics in a significant way and will address computational or big-data challenges. Proposals of interest to the program will include a Principal Investigator or co-Principal Investigator who is a researcher in the mathematical or statistical sciences in an area supported by the Division of Mathematical Sciences. The program encourages submission of proposals that include multidisciplinary collaborations or the training of mathematicians and statisticians in CDS&E.

In fiscal year 2012, this program will be co-funded by the NSF Office of Cyberinfrastructure (OCI).

(3) Two NIJ funding opportunities for graduate level researchers

Fellowship Opportunity: Graduate Research Fellowship in Science, Technology, Engineering and Mathematics

08/26/2015

Funding for Graduate-Level Researchers

Applications are now being accepted for the Graduate Research Fellowship in Science, Technology, Engineering and Mathematics (GRF-STEM), which sponsors promising doctoral students whose research aims to solve problems faced by criminal justice practitioners.

The program selects up to 20 fellows each year to receive a student stipend of $35,000 annually, as well as up to $15,000 annually to cover tuition and fees, research expenses, travel and conference expenses, and related costs. Up to $150,000 and three years of support are possible, with demonstration of continued enrollment and satisfactory progress.

Learn how to apply for the NIJ Graduate Research Fellowship.


Funding for Research with Implications for Crime and Justice

We are now accepting applications for the Graduate Research Fellowship (GRF) in the social and behavioral sciences. Academic institutions can submit applications on behalf of doctoral students in the final stages of their dissertation research who are conducting
innovative and original research in areas relevant to preventing and controlling crime and ensuring the fair and impartial administration of justice. Awarded applicants will receive up to $32,000 in stipend and research support.

Learn how to apply for the Social and Behavioral Sciences Fellowship.


(4) NSF: Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)


Synopsis of Program:

As part of NSF’s Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) activity, the Directorate for Social, Behavioral and Economic Sciences (SBE) seeks to develop user-friendly large-scale next-generation data resources and relevant analytic techniques to advance fundamental research in SBE areas of study. Successful proposals will, within the financial resources provided by the award, construct such databases and/or relevant analytic techniques and produce a finished product that will enable new types of data-intensive research. The databases or techniques should have significant impacts, either across multiple fields or within broad disciplinary areas, by enabling new types of data-intensive research in the SBE sciences.

Full Proposal Deadline(s) (due by 5 p.m. proposer's local time):

February 29, 2016

February 27, 2017

(1) Caucus of Academic Reps - 2015-2016 officers

Chair: David Hunter, Pennsylvania State University, 2015-2016
Past Chair: Paul Rathouz, University of Wisconsin, 2015-2016
Chair-elect: Jean Opsomer, Colorado State University, 2015-2016
PhD Statistics Dept.: Arnold Stromberg, University of Kentucky, 2015-2018
PhD Biostatistics Dept.: Peihua Qiu, University of Florida, 2014-2017
Other PhD: Gabriel Huerta, University of New Mexico, 2014-2017
Non-PhD Dept.: Julie Legler, St. Olaf College, 2013-2016
Districts 1-3: Xihong Lin, Harvard University, 2015-2018
Districts 4-5: Douglas Simpson, University of Illinois at Urbana-Champaign, 2014-2017
District 6: Patrick J. Heagerty, University of Washington, 2013-2016
Secretary/Treasurer: Xiaoming Sheng, Xiaoming.Sheng@hsc.utah.edu, University of Utah, 2015-2016

(2) Duke-Industry Statistics Symposium

We are happy to announce the 2015 Duke-Industry Statistics Symposium in October 22-23 at Duke University Campus.

The symposium is organized by the Department of Biostatistics and Bioinformatics, Duke University School of Medicine and co-sponsored by Abbvie, Boehringer-Ingelheim, Parexel, Quintiles and SAS. It was established to promote research and collaboration among colleagues from industry, academia, and regulatory agencies to discuss challenging issues and recent advances related to the clinical development of drugs and devices. The symposium theme is “Challenges and Innovations in Pharmaceutical Products Development”.

Day 1 (October 22) events will include 4 short (1/2 day) courses on critical topics in clinical research: (c1) Adaptive Clinical Trial Design – Case Studies (Shiowjen Lee, FDA; Annie Lin, FDA); (c2) Analytical Similarity Assessment in Biosimilar Studies (Yi Tsong, FDA; Shein-Chung Chow, Duke); (c3) Phase II Clinical Trial Design and Dose Finding (Naitee Ting, Boehringer-Ingelheim); and (c4) Biomarker Utilities in Adaptive Trials (Mark Chang, AMAG Pharmaceuticals).

Day 2 (October 23) will include a keynote speech by Dr Yi Tsong (FDA) and 9 parallel sessions and a poster session. The parallel session topics include (s1) Bioequivalence and Biosimilars; (s2) Randomized Concentration-Controlled Trials; (s3) Data Monitoring Committees; (s4) Bayesian Non-Inferiority Trials; (s5) Subgrouping Analysis; (s6) Biosimilars II; (s7) Advanced Survival Analysis; (s8) Enrichment Design for Clinical Trials; and (s9) Dose Finding and Selection in Clinical Phase.

Attached is the symposium flyer, which you can forward along the announcement to your colleagues or whoever may have interest in the event. For more information, please visit the symposium website at http://sites.duke.edu/biostatsworkshop2015/.
We are excited about the great event and wish to see you soon in October 22-23 at Duke Campus.

Best regards,

The Organizing Committee
2015 Duke-Industry Statistics Symposium

(3) Celebrating Rod Little’s 65th Birthday: Advances in Causal Inference, Survey Statistics, Disclosure Risk, and Missing Data

The Department of Biostatistics in the School of Public Health and the Survey Research Center at the Institute for Social Research are sponsoring the symposium "Celebrating Rod Little’s 65th Birthday: Advances in Causal Inference, Survey Statistics, Disclosure Risk, and Missing Data", on 30-31 Oct 2015. The Symposium will include fourteen invited speakers (former students and colleagues) that are leaders in these areas, as well as a contributed poster session and a banquet in his honor. Spaces are filling up, so please do not delay.

Please go to http://www.sph.umich.edu/biostat/events/rod-little-event.html to learn more and register (student discounts available). Deadline for registration is October 1.

(4) Free registration is now open for national undergraduate statistics research e-conference

Faculty: Please make your students aware of this free conference and encourage them to participate!

Student presenters: If you know students who’ve done statistics research/class projects, please make them aware of this great opportunity to present a virtual poster at a national undergraduate conference focused on statistics!

Student participants: If you have students considering careers in statistics, working on research projects with you now or in a statistics course with you now, encourage them to participate in the conference and see great student presentations, keynote talks and much more!

What will the conference include? The conference will include plenary talks by winners of a national student project competition (USPROC) in statistics, two keynote talks by well-known statisticians, a professional development panel, grad information session and poster session.

Interested in presenting a virtual poster? Please submit your poster title and abstract by Thursday, September 24. E-poster presentations will be pre-recorded 5 minute
presentations, with poster presenters available to answer questions via chat during the poster session on October 2, 2015.

Learn more, sign up to participate and/or sign-up to present a poster by visiting http://www.causeweb.org/eusr_conference