Caucus of Academic Reps (CAR) Weekly Digest
November 22, 2017

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Positions

Johns Hopkins Bloomberg School of Public Health, Department of Biostatistics: open rank position

The Department of Biostatistics at the Johns Hopkins Bloomberg School of Public Health is seeking an outstanding applicant to join our tenure track faculty. Rank of appointment will be commensurate with experience, and new PhDs and recent postdoctoral fellows are encouraged to apply. Candidates should have a PhD or equivalent in statistics, biostatistics, or a comparable field. Women and under-represented minority candidates are particularly encouraged to apply.

TO APPLY: Email cover letter, CV, contact information for three references, a statement of research interests and goals, a teaching statement, and two manuscripts or articles representing your most important work to: Faculty Search Committee at margo@jhu.edu.
(2) **American Statistical Association: Science Policy Fellow**

The ASA is currently accepting applications for the [ASA Science Policy Fellowship](https://www.amstat.org/careers). Applications for the fellowship are requested by December 31, with consideration done on a rolling basis.

(3) **University of North Carolina: postdoctoral research position**

The AURORA project is looking for a postdoctoral researcher to work with the study investigator team at UNC to conduct the integrative analysis of the diverse longitudinal data collected for this investigation. AURORA is a NIMH-funded U award that was funded 6 months ago. The study will track 5,000 people after they have experienced a traumatic event, and aims to characterize adverse neuropsychiatric sequelae of trauma, gain a better understanding of pathogenic mechanisms, and predict those at risk of developing adverse outcomes. [www.nimh.nih.gov/news/science-news/2016/...](http://www.nimh.nih.gov/news/science-news/2016/...)

Selected applicants are expected to have a PhD degree in biostatistics, epidemiology or social sciences no later than July 1, 2018; have good knowledge with structural equation modelling and are familiar with Mplus or R packages; possess the ability to collaborate in a multidisciplinary environment. Applicants with prior experience in clinical or epidemiological research on mental disorders are preferred, but this is not required.

This is a 3-year postdoctoral position. Salary will be guided by the NIH post-doctoral research salary scale. Individuals interested in learning more should provide a CV and cover letter with their application. In the cover letter, please summarize research experience, including statistical software packages used and career goals. [unc.peopleadmin.com/postings/111818](http://unc.peopleadmin.com/postings/111818)

(4) **St. Cloud State University, Department of Mathematics and Statistics: tenure-track position in statistics or data science**

For details and information on how to apply, please see the full job ad: [is.gd/gUove4](http://is.gd/gUove4)

(5) **St. Cloud State University, Department of Mathematics and Statistics: fixed term faculty position**

Due to a resignation, we need to hire a fixed-term faculty member in statistics for this coming spring semester. This is a full-time position with benefits. A minimum of a master's degree is required; as is quality teaching. This would be an ideal opportunity for a graduate student who is graduating in December, or a Ph.D. student finishing up their dissertation.

We also have a need for some adjunct faculty for the spring semester.

If you know of anyone who may be interested in either of these opportunities, please have them contact Michael Ernst (mdernst@stcloudstate.edu).

(6) **MIT Institute for Foundations of Data Science: postdoctoral positions**

The new MIT Institute for Foundations of Data Science (MIFODS), funded by the National Science Foundation TRIPODS program, is announcing two competitive postdoctoral fellowships. MIFODS ([mifods.mit.edu](http://mifods.mit.edu)) is an interdisciplinary entity across the Department of Mathematics, Computer Science and Artificial Intelligence Lab (CSAIL), and the Institute for Data Systems and Society (IDSS) at
MIT. It provides a structured environment for exploring interdisciplinary research spanning Statistics, Mathematics, and Theoretical Computer Science.

Qualified candidates will have interest in the aforementioned three areas, with expertise in at least one of them. Duties include performing independent, interdisciplinary research in collaboration with any of the MIFODS members, as well as leading activities within MIFODS.

More details and the application form available at [https://academicjobsonline.org/ajo/fellowship/10371](https://academicjobsonline.org/ajo/fellowship/10371)

(7) **American University (Washington, DC), Department of Mathematics and Statistics: assistant professor, statistics**

The Department of Mathematics and Statistics at American University (Washington, DC) invites applications for a full-time, tenure-line Assistant Professor position in Statistics, beginning in August 2018.

An ideal candidate will possess expertise in computation; can identify specific prospects for on-campus collaboration, possibly interdepartmental; and will have a record of or a strong potential for obtaining external funding. Some research areas that would be compatible with those of the university include data science, machine learning, Bayesian modeling, spatial statistics, time series analysis, biostatistics, and other areas of statistics with biological applications. We are open to researchers who ignore traditional disciplinary boundaries.

Applicants must have a PhD in a relevant discipline. Successful teaching and post-doctoral experience are preferred. Responsibilities include: establishing an internationally recognized research program, preferably one that can involve students at the undergraduate or master's level; teaching and curriculum development; and service to the department and to the wider university.

Applicants should submit a cover letter explaining how they fit the criteria above. In addition, they should submit a curriculum vita, teaching statement, research statement, and at least three letters of recommendation, at least one of which should address teaching ability. Materials may be submitted online at [mathjobs.org](http://mathjobs.org) (highly preferred) or via email to Michele Mazocchetti at mazzocch@american.edu. Letters of recommendation may be submitted online at [mathjobs.org](http://mathjobs.org), by email, or in hard copy to Search Committee, Department of Mathematics and Statistics, American University, Washington, DC 20016-8050. Applications received by December 1 will receive full consideration; the search will continue until the position is filled. Please address questions to Prof. Michael Baron at baron@american.edu.

(8) **Boston University Henry M. Goldman School of Dental Medicine: biostatistics faculty position**

Boston University Henry M. Goldman School of Dental Medicine invites applicants for a full-time Biostatistician Faculty position, Open Rank. Responsibilities involve teaching, mentoring, data analysis, and service. The successful candidate will: 1) provide expert statistical consultation on study design, implementation, analysis and the preparation of protocols, grants and manuscripts for multiple projects; 2) plan and oversee analyses for many types of data and studies; 3) train faculty, residents and students in biostatistics and study design and 4) provide curriculum development and instruction in biostatistics at the pre-and post-doctoral levels.
Requirements include: an earned PhD in Biostatistics or Statistics, proficiency with SAS, SPSS, Stata, R, and/or S-plus, previous experience teaching at the graduate level as a course leader and developing course(s), peer-reviewed publications, experience mentoring student research, minimum of three years of experience collaborating with experimental and clinical investigators, experience in study design and data analysis for a wide range of experimental, observational, clinical and longitudinal studies, experience with analysis of large medical data bases, experience in participating in externally funded grant projects.

The ideal candidate will have the ability to work autonomously on several different projects with a range of investigators across a variety of clinical disciplines. Excellent oral and written communication skills are required. Salary and rank will be commensurate with experience. Candidates must be available to begin employment on July 1, 2018.

Application materials should be addressed to Dr. Belinda Borrelli, Chair of the Search Committee, and include a cover letter describing how the candidate’s qualifications and interests fit the position description, CV, teaching statement, and names of 3 professional references, emailed to Ms. Lisa Case (Case@bu.edu). Applications will be reviewed on a rolling basis until the position is filled.

(9) Iowa State University Department of Statistics: assistant professor

The Department of Statistics at Iowa State University invites applications for a tenure-track position at the rank of Assistant Professor, beginning August 16, 2018.

To guarantee consideration, applications should be completed by 27 November 2017. To apply for this position and view full details, please visit our website at http://www.iastatejobs.com/postings/28404

Further information about the department can be found at http://www.stat.iastate.edu

(10) Rutgers University, Department of Statistics & Biostatistics: tenure-track faculty positions

The Department of Statistics & Biostatistics of Rutgers University seeks outstanding applicants for two tenure-track positions of assistant and associate professors to start fall 2018. Applicants must have a Ph.D. in statistics or a related field by September 1, 2018. Responsibilities of the position include: teaching and supervising both undergraduate and graduate programs in statistics, and conducting original research in broad areas of statistics, particular strength in data science, statistical computing, and spatial statistics are preferred. Pursuit of external research funding is expected.

Interested individuals should apply online through the Rutgers Interfolio website link (apply.interfolio.com/45771) by providing curriculum vitae, research statement and teaching statement, and arranging for submission of at least three confidential letters of reference.

(11) Northeastern University, Department of Health Sciences: open rank faculty position

The Department of Health Sciences at Northeastern University (Boston, Ma) invites applications for an open rank tenured or tenure-track faculty member in biostatistics, statistics, or a closely-related field. We are seeking candidates with a strong methodological research background in modern statistics with a solid record of publications and research funding, who can contribute to multiple areas of population health and health sciences research. This position will involve expanding Northeastern University's
existing portfolio for research and teaching within doctoral programs in population health and personal health informatics, master's degree programs in public health, health informatics, and health data analytics, and undergraduate joint degree programs and initiatives in health sciences.

For a complete job description and application procedures, visit Assistant/Associate/Full Professor - Biostatistics, or see the attached flyer. For questions about the search, please contact Daniel Kim, PhD, Search Committee Chair (d.kim@northeastern.edu).

(12) Monash University: postdoctoral position

Rob Hyndman and Kate Smith-Miles have a post-doc position available. They are particularly seeking someone with a PhD in computational statistics or statistical machine learning.

Desirable characteristics:

- Experience with time series data.
- Experience with R package development.
- Familiarity with reproducible research practices (e.g., git, rmarkdown, etc).
- A background in machine learning or computational statistics.

The position will be based at Monash University's Clayton campus, in Melbourne Australia. We have a fantastic group of researchers involved with data science, statistics and econometrics in various ways, and all doing cool things with modern data analysis methods. Plus Melbourne is a wonderful place to live, with great food and superb facilities.

Details of the position available at this link or email Rob.Hyndman@monash.edu

Closing date: 3 January 2018. Apply here.

(13) Oregon State University, College of Public Health and Human Sciences: biostatistics faculty position

The College of Public Health and Human Sciences at Oregon State University invites applications for one faculty member with expertise in Biostatistics. This position is a full-time (1.00 FTE), 9-month tenure-track appointment at the Assistant or Associate Professor level.

Required qualifications include: a doctoral degree in biostatistics, statistics, or closely related field; demonstrated expertise in public health as reflected by training, research, teaching and/or service aligned with the vision and mission of the College; a demonstrable commitment to high teaching standards; and a desire to work collaboratively with colleagues in the School, the College, and the University. The successful candidate will demonstrate evidence of (Associate Professor) or the potential to (Assistant Professor): develop strong independent and collaborative programs of research; secure external funding; deliver high-quality teaching, advising, and mentoring at the undergraduate and graduate levels; and provide service to the School, College, University, and profession. Relevant post-doctoral experience, successful mentoring of junior faculty (Associate Professor), evidence of effective communication, interest and experience in online education, and a demonstrable commitment to promoting and enhancing diversity are preferred.

Responsibilities – Develop and maintain independent and collaborative research programs; consistently obtain external funding; advance the University's research agenda in biostatistics; teach undergraduate
and graduate courses in biostatistics; advise and mentor MPH and PhD students; provide service to the University, profession, and field of public health.

Application Procedures – To apply online, visit the OSU job website. Review of applications will begin January 8, 2018. Appointment can begin immediately, but no later than September 16, 2018. Questions regarding the position should be directed to the chair of the search committee: Adam Branscum, adam.branscum@oregonstate.edu, 541-737-2665. Address questions about the application to: Mendy Gayler, Administrative Assistant, School of Biological and Population Health Sciences, mendy.gayler@oregonstate.edu, 541-737-2643.

(14) Indiana University, Department of Biostatistics: tenure-track position

The Department of Biostatistics invites applications for a tenure track faculty position with the rank commensurate with applicant’s qualifications.

Duties and responsibilities include methodological research, teaching, and collaborative research. Successful candidates will have ample opportunities to participate in collaborative research projects, in diverse areas of investigation. Expertise in biomedical informatics, precision health, or machine learning would be a plus although all methods research areas will be considered. Our vibrant collaborative environment offers methodological challenges that stimulate innovative statistical ideas. Teaching will be one course per year.

Position Qualifications: Ph.D. degree in Biostatistics or Statistics or PhD in Data Science or Computer Science with experience in health related collaborative research. Successful candidates are expected to have excellent written and oral communication skills. Indiana University is an Equal Opportunity/Affirmative Action employer. Applications from historically underrepresented group members, veterans, and persons with disabilities are encouraged.

Salary Range and Benefits: We offer competitive salaries with excellent benefits. Department funds will be made available for professional travel and startup costs (computer, software, books, etc.) within University guidelines.

Application: The position is immediately open. The search will continue until the position is filled. Applications should include curriculum vitae, research statement, teaching statement, and three letters of reference (sent by the reviewers). Please apply at http://indiana.peopleadmin.com/postings/4951.

(15) Harvard T.H. Chan School of Public Health: assistant/associate professors of biostatistics

The Department of Biostatistics at the Harvard T.H. Chan School of Public Health seeks outstanding candidates to fill two tenure-track positions at the assistant or associate professor level. We seek candidates with a strong background in statistical theory and methodology, demonstrated expertise in development of new biostatistical methods, and an interest in collaborative research in public health and biomedical science. Candidates should have the potential to become leaders in the development and application of statistical methods in health sciences and should also be enthusiastic about teaching, training, and mentorship through our graduate programs. Responsibilities will include methodological and collaborative research, teaching, and supervision of graduate students. Candidates are required to have a doctorate by the time the appointment begins, and academic rank will be determined in accordance with the successful candidate’s experience and accomplishments.
The Department of Biostatistics offers an exceptional environment to pursue research and education in statistical methods while being at the forefront of efforts to benefit the health of populations worldwide. Our faculty are leaders in the development of statistical methods for the design and analysis of clinical trials and observational studies, missing data, causal inference, precision health, network analysis, statistical genetics and genomics, neurostatistics, and environmental statistics. Our innovative approaches to computational biology, quantitative genomics, and the analysis of massive health-related data are strengthened by a deep foundation in theory and application. Our unique community provides unparalleled collaborative opportunities with academic departments across Harvard, the Dana-Farber Cancer Institute, and other world-class Harvard affiliated hospitals.

Please apply to: [https://academicpositions.harvard.edu/postings/7937](https://academicpositions.harvard.edu/postings/7937)

For questions, please contact:
Chair, Search Committee for Assistant/Associate Professor of Biostatistics
c/o Susan Luvisi
Department of Biostatistics
Harvard T.H. Chan School of Public Health
Email: biostatjrsearch@hsph.harvard.edu

(16) University of Tennessee Knoxville, Haslam College of Business: Head, Department Of Business Analytics & Statistics

The Head of the Department of Business Analytics and Statistics provides leadership for the Department and is also a member of the leadership team for the College. In cooperation with other senior faculty, the department head is expected to provide strategic direction for the Department, as well as manage the ongoing activities of the Department in a manner that fosters a culture of research and academic excellence in all departmental programs. Balancing of effort is required between leading a disciplinary unit while playing a broader role with regard to interdisciplinary College leadership. The department head has frequent contact with external constituencies and, therefore, is an important representative of the Department, the College, and University. The Knoxville campus of the University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University. The position is to remain open until filled.

Required Qualifications:
- Holds Ph.D. degree in statistics, operations, management science, analytics, or closely related field
- Tenured faculty member of the rank of Professor or eligible to be appointed at the rank of Professor

Desired Qualifications:
- Demonstrated leadership ability and communication skills
- Experience with managing financial activities of an academic unit
- Ability to effectively manage tenure-line and non tenure-track faculty and carry out faculty and staff evaluation
- Ability to work effectively with other departments in the College and University
• Demonstrated ability to effectively interact with external constituencies and participate in development activities
• Possess a strong academic research and scholarly portfolio
• Ability to grow the Department’s current base of industry partners for purposes of student placement, applied research projects, student projects, and the Business Analytics forum
• Ability to develop and implement a long-term strategy to advance the Department
• Experience as Department Head or significant administrative position

An Application For This Position Should Include:

• A cover letter that expresses interest in this position
• A resume or academic vita
• A general statement of the candidate’s vision for the Department of Business Analytics & Statistics. (This statement should not exceed one page in length.)
• Names and complete contact information for three references. References will not be contacted until a final pool of candidates is approved.

The application should be addressed to:

Anne D. Smith,
Chair, BAS Department Head Search Committee
The University of Tennessee
Haslam College of Business
408 Stokely Management Center
Knoxville, TN 37996-0550
Submit by Email to: bizanalyticssearch@utk.edu

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**Funding opportunities and information**

(1) NSF INCLUDES Program Frequently Asked Questions

New information about the NSF INCLUDES Program is now available:

- Frequently Asked Questions (FAQs) for NSF INCLUDES Dear Colleague Letter (NSF 17-111):
- Announcement of an Effort to Expand the NSF INCLUDES National Network


Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES) is a comprehensive effort to enhance U.S. leadership in science and engineering discovery and innovation by proactively seeking and effectively developing science, technology, engineering and mathematics (STEM) talent from all sectors and groups in our society. As one element of its multi-faceted approach to NSF INCLUDES, NSF is currently focusing on and identifying novel ways in which new and currently-funded NSF projects from across all NSF directorates can engage with the NSF INCLUDES National Network.
(2) NIH: Mentored Quantitative Research Development Award (Parent K25)

grants.nih.gov/grants/guide/pa-files/PA-16-194.html

The purpose of the Mentored Quantitative Research Career Development Award (K25) is to attract to NIH-relevant research those investigators whose quantitative science and engineering research has thus far not been focused primarily on questions of health and disease. The K25 award will provide support and "protected time" for a period of supervised study and research for productive professionals with quantitative (e.g., mathematics, statistics, economics, computer science, imaging science, informatics, physics, chemistry) and engineering backgrounds to integrate their expertise with NIH-relevant research.

Prospective candidates are encouraged to contact the relevant NIH staff for IC-specific programmatic and budgetary information: Table of IC-Specific Information, Requirements and Staff Contacts.

Due dates three times a year: February 12, June 12, October 12

(3) NIH "F" Series Training Grants due April 8

NIH F Series training grants are due three times a year (April 8, August 8, December 8). For other graduate and postdoc support, please see the following website maintained by the ASA Committee on Funded Research: www.amstat.org/ASA/Your-Career/... Here are some of the resources linked there:

- Amstat News/STATtr@k/ASA articles: Fellowships for Graduate Study, Graduate Fellows Discuss Fellowship Experiences, NSF Graduate Research Fellowship, NSF and NIH Graduate Research Fellows Offer Advice for Applying to Program

- Amstat News/STATtr@k/ASA articles: Post-doc Fellowships, Programs, and Opportunities; Postdocs in Statistics: A Growing Trend; Attitudes About Postdoctoral Training for Statisticians Evolve; Postdoc Numbers Small but on the Rise for Statistics

(4) NIH workshop: Big data for determining the clinical significance of gadolinium retention

The organizers of a NIH/ACR/RSNA sponsored workshop are seeking individuals to be part of a session on big data and its potential utility in addressing “clinical significance of gadolinium deposition and retention in humans” with a goal “to develop both a list of key knowledge gaps and a prioritized research roadmap to address these core issues.”

We are pleased the ASA was consulted for such expertise and hope you will help us respond to the request. Please send any names to Steve Pierson (spierson@amstat.org).

(5) 2018 ASA/NSF/BLS Fellowship Program Reminder

Are you interested in expanding your research to new and interesting domains? Are you doing research that could benefit the Bureau of Labor Statistics (BLS)? If so, consider applying for our Research Fellow Program!

The program's main objective is to facilitate collaboration between academic scholars and government researchers in fields such as statistics, mathematics, economics, survey methodology, behavioral science, and other related fields. Research Fellows have unique opportunities to expand their work to address some of the difficult methodological problems and analytic challenges BLS faces. Fellows are
funded to conduct research at the BLS headquarters in Washington, DC, use BLS data and facilities, and work closely with BLS staff.

There is more information available on our website at www.bls.gov/osmr/asa_names_utility_info.htm or in our brochure at www.amstat.org/careers/pdfs/... Proposals are due January 2, 2018 with final decisions anticipated around April 15, 2018.

Fellowship applicants should have a recognized research record and considerable expertise in their area of proposed research. Applicants must submit a detailed research proposal, which will be evaluated on the applicability of the research to BLS programs, the value of the proposed research to science, and the quality of the applicant's research record. Applicants do not need to be U.S. Citizens, but they must be employed by a U.S. institution of higher learning or a non-profit institution (IRS code 501(c)(3) entity) and are expected to retain their position for the duration of the fellowship. U.S. Government employees are not eligible.

We encourage interested researchers to contact us before submitting a proposal, so we can provide assistance in tailoring the proposed topic to best utilize your skills and interests in addressing BLS issues.

The BLS coordinates our Research Fellow Program in cooperation with the American Statistical Association (http://www.amstat.org/) (ASA), under a grant from the National Science Foundation (http://www.nsf.gov/) (NSF).

Please contact Daniel Yang (yang.daniel@bls.gov) if you have any questions and please feel free to share this announcement with any colleagues who may have interest in the Fellowship Program.

(6) NIH: NCI Predoctoral to Postdoctoral Fellow Transition Award (F99/K00)

(RFA-CA-18-001)

National Cancer Institute
Application Receipt Date(s): February 21, 2018, 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.

(7) Funding for Research Assistantships with NIJ

www.nij.gov/funding/Pages/research-assistantship.aspx

Get funding for doctoral students to work with NIJ research scientists.

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. The program is newly designed and welcomes students from an array of disciplines to apply their expertise to the criminal justice field.

NIJ will provide funds to participating universities to pay salaries and costs associated with research assistants who work on NIJ research projects.
Research Assistantship appointments last for one year, following the home university's academic calendar. There is the possibility of reappointment depending on mid-year reviews, funding availability, and agreements between NIJ and the research assistant's university.

Students have until January 16, 2018 to work with their schools to apply. 

Click here to learn how to apply.

(8) NSF: Mathematical Sciences Infrastructure Program

www.nsf.gov/funding/...

The major aim of the DMS Infrastructure Program is to foster the continuing health of the mathematical sciences research community as a whole. Hence, the program supports projects that positively influence the entire community, most often those cutting across multiple sub-disciplines. Activities funded include working research sessions, such as conferences and symposia, as well as larger initiatives focused on enhancing and developing the mathematical sciences at the national scale.

In addition, the Infrastructure Program will support a limited number of unsolicited training projects aimed at the undergraduate, graduate, or postdoctoral levels that include a core mathematical sciences research component for trainees. The Infrastructure Program seeks to fund novel projects that can have a large impact by promoting partnerships, broadening participation, and/or serving as models to be replicated. Proposals must clearly identify:

- the goals to be achieved;
- the specific new activities to be conducted, the way in which these address the goals, and the way in which the activities significantly differ from or enhance common practice;
- measurable proposed outcomes for the project;
- specific methods for evaluation of the success of the activity and for assessment of progress toward the goals to be achieved, and
- a budget commensurate with the proposed activity.

Training activities that fit into other DMS offerings, such as the solicitations in the DMS Workforce Program (Research Training Groups in the Mathematical Sciences, Mathematical Sciences Postdoctoral Research Fellowships, Enriched Doctoral Training in the Mathematical Sciences, or Research Experiences for Undergraduates Sites), should be submitted to those solicitations.

Special Note Regarding Conferences

Principal Investigators should carefully read the program solicitation "Conferences and Workshops in the Mathematical Sciences" (link below) to obtain important information regarding the substance of proposals for conferences, workshops, summer/winter schools, and similar activities. To facilitate timely notification of the availability of support, proposals to the Infrastructure program for these types of activities should be submitted 12 months in advance of the meeting date. Proposals should be submitted directly to the solicitation, with Infrastructure chosen as the relevant program.

**DUE DATES**

Full Proposal Accepted Anytime
December 6, 2017

First Wednesday in December, Annually Thereafter

-- for proposals dealing with training.

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

Last Call...

Full Proposal Window: December 11, 2017
Program Guidelines: PD 16-8069

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 ... More at www.nsf.gov/funding/...

(10) NIH Update from Interagency Modeling and Analysis Group

BRAIN Initiative: Theories, Models and Methods for Analysis of Complex Data from the Brain (R01 Clinical Trial Not Allowed)

- Link to Program Announcement: www.imagwiki.nibib.nih.gov/funding-opportunities/...
- Next Application Due Date: December 15th, 2017

Simulation Modeling and Systems Science to Address Health Disparities (R01 Clinical Trial Not Allowed)

- Next Application Due Date: January 10, 2018

SPARC: Technologies to Understand the Control of Organ Function by the Peripheral Nervous System (OT1)

- Link to Program Announcement: www.imagwiki.nibib.nih.gov/funding-opportunities/...
- Next Application Due Date: January 10, 2018

Modeling of Infectious Disease Agent Study Research Projects (R01)

- Link to Program Announcement: www.imagwiki.nibib.nih.gov/funding-opportunities/...
- Next Application Due Date (renewal, resubmission, revision): February 5th, 2018

For other upcoming funding opportunities visit the Funding Opportunities Page on the IMAG Wiki.

UPCOMING MEETINGS

SSH Forum on Modeling & Simulation

- Meeting Dates: Friday, January 12, 2018 to Saturday, January 13, 2018
- Meeting Location: Los Angeles, More Information
NIMBioS Investigative Workshop: Stoichiometric Ecotoxicology

- Meeting Dates: Wednesday, January 17, 2018 to Friday, January 19, 2018
- Meeting Location: National Institute for Mathematical and Biological Synthesis (NIMBioS) at the Univ. of Tennessee, Knoxville, More Information

For more events visit the Upcoming MSM Meetings Page on the IMAG Wiki.

RESOURCES FOR MODELING

If you know of others who may be interested in the MSM Consortium or IMAG Wiki, please pass along this email and encourage them to look at the FAQ page to find out how to become involved. If this email was forwarded to you and you would like to receive it in the future, please contact NIBIBimag@mail.nih.gov to be placed on the appropriate listserv.

Workshops and Conferences

(1) Conference on Statistical Practice 2018, Portland, Oregon, Feb. 15-17, 2018

CSP 2018 Offers Real Opportunities to Further Your Career

Build Your Network and Skillset as a Mentor or a Mentee

Mentoring helps both mentor and mentee build communication and leadership skills, explore new ideas and perspectives, and advance their careers. It can be incredibly rewarding, and if you haven't done it before, watch this short video to hear from past participants!

Get More Info About Mentoring at CSP

Applications are due January 12, 2018, so make sure you register for the conference early to be part of this valuable experience.

Find New Career Opportunities

The online Career Service is another tremendous opportunity at CSP 2018. If you are looking to start or further your career in statistics or data science, this is your chance to connect and interview with top statistical employers.

Best of all, this resource is available to all registered attendees at no charge!

It's all online, too, so getting started is easy once you register.
Get More Info About the CSP Career Service

Of course, these opportunities are just part of what makes CSP so valuable to attendees, so check out the online program and join us in Portland to discover everything CSP 2018 has to offer!

View the Online Program

Register Early to Save

Awards

(1) Bernoulli Society New Researcher Award

The Bernoulli Society welcomes submissions to the New Researcher Award. Each awardee will deliver a 30-minute talk during the ISI World Congress in Malaysia 2019, and will receive a funding up to 1000€ to offset travel and other expenses. Bernoulli News will publish their pictures and a paragraph about their work.

Candidates should submit a 3-page synopsis of their presentation, along with their CV, to ber.soc.yra@gmail.com by February 28, 2018.

Eligible candidates are active researchers in Mathematical Statistics who, at the time of submission, are regular members of the Bernoulli Society and are within 5 years of receiving the PhD. Female candidates get 1 extra year for each child born since receiving the PhD.

(2) Applications Invited for 2018 Byar Young Investigator Award and Biometrics Section Travel Awards

Applications must be submitted electronically on or before December 1, 2017 using the electronic submission website: 2018 ASA Biometrics Section Byar Award Competition

(3) JSM 2018 Biopharmaceutical Student Paper Awards

Submissions are now being accepted for the 2018 Biopharmaceutical Student Paper Awards. These awards are presented annually during the Biopharmaceutical Section open business meeting to be held at the 2018 Joint Statistical Meetings in Vancouver, Canada. Winners will present their paper during in one of the contributed paper sessions at JSM and are encouraged to attend the section’s business meeting to receive their award in person. In 2017, the awards were $1000 for 1st place, $600 for 2nd place, and $400 for 3rd place. Honorable mention awards ($200 in 2017) may also be given at the discretion of the Student Paper committee.

Student research papers with statistical content applicable to the biopharmaceutical arena are eligible for consideration. Submissions are judged for clarity, contribution to statistics, and biopharmaceutical applicability. Suitable topics include methodological issues in preclinical or clinical trials, epidemiology studies of drug (or device or biological) safety, genetic studies predicting drug (or biological) response, laboratory and toxicological data analyses, methods for high-dimensional data from high-throughput screening, and nonlinear pharmacokinetic modeling.
Both a complete paper and a "blinded" paper should be submitted electronically in pdf format by December 11, 2017. The submission email should contain the name, school, and contact information of the student.

In the blinded version, the student's name and affiliation/school should not appear and names for references should not be included in the text (numbers for references should be used in text; names should appear on reference page only). References that would unblind a reviewer to the student's name or the student's advisor/collaborator should be removed and replaced with "reference removed."

The length of the student paper should not exceed 20 pages of double-spaced text with no more than five additional pages of appendices (25 pages maximum). Because of the volume of submissions received, the length limitation will be strictly enforced. Consider a manuscript style for the paper to facilitate publication in the proceedings for JSM or another appropriate journal.

Papers must be submitted no later than one year after graduation and reflect research completed while a student. Submissions should be labeled "Biopharmaceutical Section Student Paper Submission" and sent to Qi Jiang, Biopharmaceutical Section JSM 2018 program chair, at qjiang@amgen.com. In addition to submitting a paper for judging, winners also must submit an abstract of the work as a contributed paper for JSM. All participants will be notified prior to the abstract submission deadline as to whether they have won or not. Requirements for contributed paper submission must be followed in addition to those for the student paper submission.

(4) Bryant Scholarship

Applications for the Edward C. Bryant Scholarship are now being accepted. Each year, an outstanding graduate student in survey statistics is awarded the Edward C. Bryant Scholarship to help support the student's graduate education. The application deadline for the 2018 award is March 1, 2018. The award will be presented at the 2018 Joint Statistical Meetings.

Westat established the Edward C. Bryant Scholarship Trust Fund in 1995 to honor its cofounder and chair emeritus. Under Bryant's leadership, Westat, an employee-owned statistical firm established in 1961, has grown into what is now one of the world's leading statistical research corporations serving federal, state, and local governments, as well as businesses and foundations.

Graduate students in survey statistics are encouraged to apply for the scholarship. For more information, including application instructions, see www.amstat.org/ASA/Your-Career/Awards/....

(1) Undergraduate Statistics Project Competition (USPROC) submission deadline is soon

As co-chairs of the Undergraduate Statistics Project Competition (USPROC) organizing committee, we remind you of the upcoming deadline for project submission. As you teach classes, and do research with students this semester (or think about research completed this past summer), please consider having them submit their work for the upcoming deadline: Friday, December 22, 2017. Winners receive cash prizes! Learn more here: USPROC.
We have two main categories: the **USCLAP** competition, for students taking a statistics course at the introductory, or intermediate, level, and the **USRESP** competition, for students who conduct research in, say, an REU, a capstone project / Senior level course, or an independent project. Thus, tracks are available for all student levels. The purpose of USPROC is to encourage the development of data analysis skills, to enhance presentation skills, and to recognize outstanding work by undergraduate statistics students!

Please let me know if you have any questions.

Best regards, the USPROC Co-Chairs
Kelly McConville (Swarthmore College)
Joseph Nolan (Northern Kentucky University)
Vittorio Addona (Macalester College)

**Library of Congress Data Competition**

Library of Congress Data Competition: Create application, website, visualization or other digital produce to provide insights with Congressional data

**Save the Date: Chairs Workshop June 21-22, 2018**

Please save the date for the 2018 Chairs Workshop to be held at the ASA headquarters June 21-22, pending funding approval. This is a two-day workshop meant to allow for more in-depth discussions than the half-day workshops at JSM. The JSM workshops remain an important activity that we’ll also hope you’ll plan for!

Our first two-day workshop was in 2016, was very well received, and resulted in a great whitepaper and videos that we hope you’ve seen by now: [http://www.amstat.org/ASA/Meetings/Department-Chairs-Workshop.aspx](http://www.amstat.org/ASA/Meetings/Department-Chairs-Workshop.aspx).

As soon as we have funding secured for the two-day 2018 workshop, we will invite your participation.