Caucus of Academic Reps (CAR) Weekly Digest
November 10, 2017

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No new listings this week

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Positions

1. **Virginia Tech Social and Decision Analytics Laboratory: postdoctoral associates**

Please encourage your graduating PhDs to apply for our post-doc positions at the Virginia Tech Social and Decision Analytics Lab in Arlington, VA. *Note that the posting number has changed from the earlier posting.*
The Social and Decision Analytics Laboratory (SDAL) is seeking applications for postdoctoral associates in statistics and social and behavioral sciences. SDAL is a leading laboratory in the Biocomplexity Institute (BI) of Virginia Tech. BI performs world-class informatics research in life sciences, social sciences, and human health by integrating theory, modeling and simulation with computational and experimental science in a transdisciplinary, team science research environment.

SDAL combines expertise in statistics and social sciences to develop evidence-based research and quantitative methods to inform policy decision-making and evaluation. The researchers at SDAL span many disciplines including statistics, economics, computational social science, psychology, political science, policy and program evaluation, and data governance and information architecture. SDAL methods integrate statistical learning, network science, cognitive science, behavioral economics, game theory, crowdsourcing, and machine learning.

SDAL researchers address complex social problems by leveraging the diversity of data flows available today including administrative and government records, surveys, social media, and sensors. Through team collaboration, the postdoctoral candidate is expected to develop the capacity to discover, repurpose and redirect these data flows to solve critical social problems. Computational complexity is at the heart of SDAL research and SDAL leverages all the research capability of BI, along with the High Performance Computing infrastructure. The position will be offered at the rank of postdoctoral associate and will be located in Biocomplexity Institute’s National Capital Region (NCR) location in Arlington, VA. Position reports to Sallie Keller, Professor and Director, Social and Decision Analytics Laboratory (SDAL), Biocomplexity Institute of Virginia Tech.

The ideal candidate will possess:

- Ph.D. in statistics, social and behavioral sciences, or in a very closely related field
- Willingness to work in a team science environment
- Experience with advanced approaches to statistics and data-driven model development
- Experience with statistical software systems such as R, programming, and databases
- Excellent communication skills, both oral and written, demonstrated through the development of publications and delivery of presentations.
- Be a strongly motivated, enthusiastic and self-driven individual who excels in a highly collaborative environment

Preference will be given to those applicants with experience using diverse sources of data, both traditional ones such as surveys, and non-traditional ones, such as administrative data and social media.

To apply for this position, please go to [www.jobs.vt.edu](http://www.jobs.vt.edu) and search for SDAL and scroll to the bottom (recommended) or posting number SR0170372. Review of applications will begin on December 1, 2017 and will continue until the position is filled.

Those best meeting the qualifications will be contacted directly. Candidates who interview should prepare a summary of their coursework to date.

To learn more about the Biocomplexity Institute, please visit us at [www.bi.vt.edu](http://www.bi.vt.edu). For more information on SDAL, please visit [https://www.bi.vt.edu/sdal](https://www.bi.vt.edu/sdal)
Colorado State University, Department of Statistics: tenure-track faculty position in statistics

The Department of Statistics at Colorado State University invites applications for a tenure track position in statistics. The appointment will be at the Assistant Professor level with duties commencing August 2018. A Ph.D. in statistics or biostatistics and a commitment to high–quality research in statistics and excellence in teaching are required. We seek exceptionally strong candidates with research backgrounds and interests related to environmental biostatistics and who will be active collaborators with environmental epidemiology faculty in CSU’s Department of Environmental and Radiological Health Sciences (http://csu-cvmbs.colostate.edu/academics/erhs/Pages/Epidemiology.aspx). The position requires a strong commitment to interdisciplinary research and education.

An application includes a cover letter, CV, graduate transcripts, teaching and research statements, and three letters of reference. The CV and cover letter must address teaching experience. Application materials can be uploaded at https://jobs.colostate.edu/postings/51329. Complete application instructions are available at that site. Applications completed by November 27, 2017 will receive full consideration, but applications will be accepted after this date until the position is filled.

Washington University: Post-Doctoral Researcher or Staff Scientist

Job Title: Machine Learning Post-Doctoral Researcher or Staff Scientist

Job Description: An individual is sought to participate in the development and application of advanced machine learning methods for medical imaging applications. Of particular interest is the development of deep learning methods for interpretation of large volumetric medical images. The ideal candidate will have experience in machine learning, computed imaging, and scientific programming.

For more information please contact:
Mark A. Anastasio, Ph.D.  Professor of Biomedical Engineering
Washington University in St. Louis
Email: anastasio@wustl.edu

University of Wisconsin School of Medicine and Public Health: open rank positions

The Department of Biostatistics & Medical Informatics (BMI) at the University of Wisconsin School of Medicine & Public Health (SMPH) seeks tenure track assistant, associate, and full professors whose research focuses on machine learning, or related areas, to start in Fall 2018. Candidates should have a doctoral degree (PhD, ScD, or equivalent) in Computer Science, Biomedical Informatics, Bioinformatics, Computational Biology, or a closely related quantitative area. We are particularly interested in machine learning or data science experts with experience or a demonstrated interest in motivating their methodological research by any of the vast array of applications in the biological, clinical, or public health sciences. Other relevant methodological expertise may include, but is not limited to, database theory and methods and/or data mining, natural language processing, and data privacy and security. A key consideration is the ability and interest to work in a collaborative, interdisciplinary environment.

Successful candidates will maintain a superb research program that ideally involves applications to precision medicine, translational bioinformatics, clinical trials and other clinical investigation, population health research or health services research, and/or the improvement of clinical care. It is expected that
the candidate will attract and maintain external funding to support his/her program, and will collaborate
with scientists at UW-Madison, either in the SMPH and/or across campus, and/or its partner institutions.
Additional responsibilities will include training graduate students, teaching, and participating in
professional, university, and community service appropriate to rank.

A review of complete applications will begin on December 15, 2017. To ensure full consideration, please
apply by January 1, 2018. The position will remain open and applicants may be considered until the
position is filled. Candidates should submit their applications through the UW employment website:

http://jobs.hr.wisc.edu/cw/en-us/job/496600/professor

(5) University of Georgia, Department of Statistics: Academic Professional Position

The Department of Statistics at the University of Georgia invites applications for a 12-month fulltime
position at the rank of Academic Professional, starting August 1, 2018. Applicants must have a Ph.D.
degree in Statistics or a closely related field by August 1, 2018, and a record that shows a strong interest
in the teaching of statistics, especially a passion for teaching undergraduate introductory statistics
courses. Successful applicants are also expected to have excellent management, organizational, and
software skills. This is a non-tenure-track faculty rank with a career ladder.

The person in this position will be in charge of the coordination of one of our large undergraduate
statistics courses (STAT 2000: Introductory Statistics), which serves close to 2,500 students per year.
STAT 2000 is a 4-hour credit course taught in large lectures with weekly lab sessions of up to 30 students
each. The successful candidate will be in charge of the coordination of all lectures, instructors, and TA's
of STAT 2000. The person will also be in charge of constructing all assessments, such as exams,
homework assignments, and lab exercises. Knowledge of programming using a homework/testing
software and familiarity with the teaching of large lectures is a plus. The current testing software used
for STAT 2000 is WebAssign, but other software platforms could be considered in the future. The person
will chair a committee that has primary responsibility for course content and delivery, and will play a key
role in suggesting and implementing changes that can lead to improved student learning outcomes. The
person will be in charge of assigning grades for all students in the course, and of handling questions and
inquiries from students. The person is also expected to teach some sections of the course throughout
the academic year and during the summer. Teaching of other courses is a possibility based on the
candidate's interests and the Department's needs.

To apply for the position, candidates should visit facultyjobs.uga.edu/postings/2761 and provide all
of the requested information, including contact information for three references. At this site, candidates
should also upload a single PDF file consisting of an application letter, a curriculum vitae, a teaching
statement that highlights experience and interest in teaching undergraduate introductory statistics, and
a copy of the graduate school transcript. Upon receipt of the application, the three references supplied
by the applicant will be asked to submit letters of recommendation at the same website. Applications
will be considered until the position is filled, and those received by November 26, 2017, will receive full
consideration. For more information about the department and the university, please go to
The Department of Statistics | Department of Statistics
University of Georgia, Department of Statistics: Lecturer Position in Statistics and Business Statistics

The Department of Statistics at the University of Georgia invites applications for a position as Lecturer in the area of statistics and business statistics, starting August 2018. Applicants must have a Ph.D. degree in Statistics or a closely related discipline by August 1, 2018. The person in this position is expected to teach sections of an introductory business statistics course, MSIT 3000, some advanced undergraduate courses and/or lower level graduate courses, spanning a range of topics. Scholarly and teaching credentials must reflect a strong commitment to teaching. Like all faculty members, the person hired is expected to be engaged in the activities of the department. This is a non-tenure-track faculty rank with a career ladder.

To apply for the position, candidates should visit facultyjobs.uga.edu/postings/2907 and provide all of the requested information, including contact information for three references. At this site, candidates should also upload an application letter, a curriculum vitae, a teaching statement that addresses teaching philosophy and that highlights experience and interest in teaching undergraduate introductory statistics and business statistics courses, and an unofficial copy of the graduate school transcript. Upon receipt of the application, the three references supplied by the applicant will be asked to submit letters of recommendation at the same website. Applications will be considered until the position is filled, and those received by January 2, 2018, will receive full consideration. For more information about the department and the university, please go to The Department of Statistics | Department of Statistics.

Rochester Institute of Technology, School of Mathematical Sciences: assistant professor position(s) in statistics

The School of Mathematical Sciences at Rochester Institute of Technology invites applications for one or more tenure-track positions in Statistics at the Assistant Professor level. Successful candidates for this position are expected to engage in original research and scholarly activities in Statistics, seek competitive external funding, teach undergraduate and graduate courses, advise, mentor and supervise undergraduate and graduate student research.

While candidates with expertise in any area of statistics are welcome to apply, we especially encourage applications from candidates with specialization in statistical learning, high dimensional statistical analysis, data science, and predictive analytics.

Required Minimum Qualifications

- Have earned a PhD. in Statistics, or a closely related field
- Have a demonstrated potential for successful college teaching (may include TA experience)
- Have a demonstrated potential for scholarly research in methodological, computational or applied statistics
- Have a demonstrated potential for funded scholarship

Please apply online at careers.rit.edu/faculty. Search: 3437BR. Please submit your cover letter addressing the listed qualifications; curriculum vitae; and upload the following materials:
• A description of research plans that also addresses efforts and/or plans to obtain external funding, potential to collaborate with SMS/RIT faculty, and commitment to mentoring undergraduate and graduate students in research
• A statement of teaching philosophy and any experience that also addresses commitment to undergraduate and graduate education.
• Up to three sample publications/preprints (maximum size per attachment is 5MB)
• Contribution to diversity statement

Applicants should arrange to have the three letters of recommendation to be sent electronically to tmwbkg@rit.edu.

Applicants are encouraged to apply as soon as possible. Completed applications that are received by December 1, 2017 will receive full consideration.

Required Application Documents

• Curriculum Vitae or Resume
• Cover Letter
• Research Statement
• Statement of Diversity Contribution
• Statement of Teaching Philosophy
• List of Publications
• Letters of Recommendation

(8) Purdue University Department of Statistics: two faculty positions in data science and machine learning

The Department of Statistics at Purdue University seeks to hire two tenure-track Assistant professors to begin in August 2018 in the area of data science and machine learning. Applicants with interests in novel computational and methodological approaches to complex data, as well as applicants with foundational interests in the computational theory for complex data will be considered.

Information about the department is available at http://www.stat.purdue.edu.

All applicants should hold a Ph.D. in Statistics or a related field by the time of employment, and be committed to excellence in research and teaching. Salary and benefits are highly competitive. Please visit https://hiring.science.purdue.edu to apply. A background check will be required for employment in this position.

Review of applications will begin on December 1, 2017 and will continue until the position is filled. Purdue University's Department of Statistics is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity, and inclusion.
(9) Colorado State University, Department of Statistics: tenure-track faculty position in environmental biostatistics

The Department of Statistics at Colorado State University (CSU) invites applications for a tenure track position. The appointment will be at the Assistant Professor level with duties commencing August 2018. A Ph.D. in statistics or biostatistics and a commitment to high-quality research in statistics and excellence in teaching are required.

We seek exceptionally strong candidates with research backgrounds and interests related to environmental biostatistics and who will be active collaborators with environmental epidemiology faculty in CSU's Department of Environmental and Radiological Health Sciences (csu-cvmbs.colostate.edu/academics/erhs/Pages/...). The position requires a strong commitment to interdisciplinary research and education. The successful applicant will have the opportunity to be a part of the Colorado School of Public Health (www.ucdenver.edu/academics/colleges/PublicHealth), including the Graduate Degree Program in Public health at Colorado State University (http://www.publichealth.colostate.edu/), and to become an active member in related interdisciplinary research efforts such as CSU's Partnership for Air Quality, Climate, and Health (PACH, https://vprnet.research.colostate.edu).

An application includes a cover letter, CV, graduate transcripts, teaching and research statements, and three letters of reference. The CV and cover letter must address teaching experience. Application materials can be uploaded at jobs.colostate.edu/postings/51329. Complete application instructions are available at that site.

Applications completed by November 27, 2017 will receive full consideration, but applications will be accepted after this date until the position is filled. Applications of semifinalist candidates, including letters of reference, will be made available for review by the entire faculty of the Department of Statistics.

(10) Bowling Green State University, College of Business, Department of Applied Statistics & Operations Research: associate/full professor of applied statistics – department chair

**Position Title**

Associate/Full Professor of Applied Statistics – Department Chair  
Full-time, tenured

**Primary Responsibilities**

- The position is created to enhance the University’s continuing development of its programs in Statistics and Data Science at the undergraduate and graduate levels.

- The person hired for this position will chair the Department of Applied Statistics and Operations Research at BGSU.

- Teaching responsibilities will be at the graduate and undergraduate levels.

- Duties will include directing the University’s Center for Business Analytics.

- Contributions to the University’s Research goals, through securing external funding and research grants, or collaborating with other researchers, is expected.
Participation in the development of the University’s program in Data Science is also expected.

Minimum Qualifications
- A doctoral degree in Statistics, Data Science, Computer Science, Industrial Engineering, Operations Research, or a closely related field is required.
- Previous experience in leadership positions, or similar activities, is also required.
- A successful candidate is expected to have demonstrated excellence in teaching and an established record of quality research.

Preferred Qualifications
- Some industrial experience, experience working with companies on data science projects, or experience obtaining external research grants, is highly desirable.

Salary & Benefits
Competitive and commensurate with peer institution levels for rank and position in keeping with candidate’s experience and credentials. Full benefits package available.

Expected Start Date: August 2018

Credentials Required for Application
- Cover letter
- Curriculum vitae
- Official transcripts of all undergraduate and graduate coursework
- Three current and original letters of reference

Application Process:
For a complete job description and instructions on how to apply for this position visit https://bgsu.hiretouch.com/ or contact the Office of Human Resources, BGSU. In compliance with the ADA Amendments Act (ADAAA), if you have a disability and would like to request an accommodation in order to apply for a position with Bowling Green State University, please call 419-372-8421.

Application Deadline: January 31, 2018

For information about the program or college, please visit:
https://www.bgsu.edu/business.html

(11) Yale University, Department of Statistics and Data Science: open rank positions in Statistics and Data Science

Yale University's Department of Statistics and Data Science invites applications for open rank faculty positions to start in July 2018. The Department seeks outstanding researchers having expertise in both
theory and applications, with significant interests in working with real data. Many opportunities exist for collaboration with other Yale departments and programs. The Department strongly encourages excellence in teaching.

Candidates for both untenured and tenured positions should submit a CV, a statement of interest, and three letters of recommendation. More information about the department can be found at http://statistics.yale.edu/. Applications submitted by December 15, 2017 will be given highest priority. Please apply at http://apply.interfolio.com/45650.

(12) Yale University, Department of Statistics and Data Science: joint open rank positions in computer science and statistics and data science

Yale University’s Department of Computer Science and Department of Statistics and Data Science invite applications for joint, open rank faculty positions to start in July 2018. Outstanding researchers with expertise in areas of importance in Computer Science, Statistics and Data Science, and having strong interest in working with real data, are encouraged to apply. Many opportunities exist for research collaborations across campus, and interdisciplinary work is encouraged. Applicants are expected to excel in both research and teaching. Research areas of particular interest include, but are not limited to, machine learning, vision, natural language processing, data-centric computing systems, optimization, and privacy and fairness in computing.

Candidates for both tenured and untenured positions should submit a CV, a statement of interest, and three letters of recommendation. More information about the departments can be found at http://cpsc.yale.edu and http://statistics.yale.edu/. Applications submitted by December 15, 2017 will be given highest priority. Please apply at http://apply.interfolio.com/45802.

Yale is an affirmative action equal opportunity employer. Yale values diversity among its students, staff, and faculty and strongly welcomes applications from women, persons with disabilities, underrepresented minorities, and protected veterans.

(13) Yale University, Department of Statistics and Data Science and Yale Quantitative Biology Institute: joint open rank position in statistics and data science

The Department of Statistics & Data Science together with the Yale Quantitative Biology Institute seeks applicants for a faculty appointment in the area of biological image analysis. Applications will be considered for a position at any level—Assistant Professor, Associate Professor or Full Professor. The anticipated start date is July 1, 2018.

Over the last decade, there has been revolutions in microscopy, resulting in large increases in resolution, as well as techniques to visualize, in three dimensions, structures ranging in size from single molecules to whole organisms. There has also been rapid development of new probes for dynamic and functional imaging of electrical and chemical activity in cells, tissues and bacterial communities. As a consequence of the explosion in the amount of image data, image analysis has become a rate limiting step for scientific discoveries, and the extraction of information from biological images poses new challenges in statistics, mathematics and computer science. We are looking for an individual who is excited by these challenges and whose primary appointment would be in the Department of Statistics & Data Science, with a possible joint appointment in one of the biology departments at Yale: Molecular Biophysics & Biochemistry; Molecular, Cellular and Developmental Biology; or Ecology & Evolutionary Biology.
candidate’s group will be located in the Quantitative Biology Institute, in the new Yale Science Building under construction on Science Hill. Several additional positions in the Quantitative Biology Institute are anticipated.

The Department of Statistics & Data Science together with the newly established Yale Quantitative Biology Institute offer a dynamic and interactive community of biologists, working on a wide range of topics ranging from molecular function, cell and tissue biology, to population and evolutionary biology, and using a wide range of techniques including cryoEM, light microscopy, genetic and proteomic tools and computational approaches. There is also a very strong community of applied mathematicians, theoretical physicists, statisticians, data scientists and computer scientists working on a wide range of biological questions.

The successful candidate is expected to establish an active research group, be an interactive member of the faculty, and contribute to the teaching program at the undergraduate and graduate levels in the interdisciplinary area of Quantitative Biology. Communication skills conducive to excellence in interdisciplinary research and teaching are necessary. Applicants must hold a Ph.D. or equivalent degree in a relevant discipline and a record of outstanding research that demonstrates originality and independence.

Applicants should create a profile at Interfolio at http://apply.interfolio.com/46515 and upload a cover letter, curriculum vitae, statement of current and future research plans (up to 3 pages), and up to five reprints of papers published or in press. Assistant Professor applicants should also arrange for three referees to upload their letters of recommendation; letters of recommendation for Associate Professor and Full Professor applicants, while not required, would be useful to the committee. Review of applications will begin on December 1, 2017 and will continue until the position is filled. To ensure full consideration, please submit all materials by December 31, 2017.

(14) 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

www.iastatejobs.com/postings/28404

Responsibilities include teaching undergraduate and graduate level courses, graduate student advising, professional and institutional service, developing and sustaining a high-impact research program that can successfully compete for external funding, and participating in collaborative research with researchers in other disciplines. A percentage of the teaching responsibility associated with this position will be in support of the College of Liberal Arts and Sciences’ undergraduate program in data science.

A Ph.D. or equivalent degree in statistics or a closely related discipline is required.

Preferred Education and Experience:

- Experience that demonstrates the ability to teach statistics classes at all levels and more general data science classes at the undergraduate level.
• Experience that demonstrates the potential to secure research funding, to carry out high-quality research in statistics, and to publish research results in top-tier journals.
• Experience that demonstrates the potential to participate in collaborative research efforts with researchers in other disciplines.

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

(15) University of Minnesota, School of Statistics: two assistant professor positions

The School of Statistics in the College of Liberal Arts invites applications for two full-time, tenure-track positions to begin fall semester 2018. Appointments will be 100% time over the nine-month academic year (late-August to late-May). Appointments will be at the rank of tenure-track assistant professor, depending on qualifications and experience and consistent with collegiate and University policy.

Required Qualifications: Ph.D. in Statistics or a closely related field is required by start date of the appointment.

Preferred Qualifications: College/university-level teaching experience is preferred. Candidates will be evaluated according to the overall quality of their academic preparation and scholarly work, evidence of research ability, evidence of commitment to teaching and skills as a teacher, and strength of recommendations.

Faculty in the School of Statistics in the College of Liberal Arts are expected to maintain an active research program in statistics, develop and teach undergraduate and graduate courses, advise undergraduate and graduate students, and contribute service appropriate for the rank of the appointment to the department, college, University, and profession.

All applicants must apply online at www1.umn.edu/ohr/employment/index.html referencing job posting ID 318928

(16) University of Kentucky, Department of Statistics: tenure track positions

The Department of Statistics at the University of Kentucky in Lexington, Kentucky seeks applications for a full-time, tenure-track, Assistant or Associate Professor to begin August 2018. This position is open to candidates in any area of statistics and/or probability. Ph.D. in Statistics or related field is required. Demonstrated excellence in both teaching and research is required. Experience with computational and/or mathematical statistics is encouraged. Applicants at the Associate level require record of external funding and dissertations directed.

Applications must submit the following: 1) curriculum vitae, 2) teaching statement (upload as Specific Request 1), and 3) research statement (upload as Specific Request 2). Also provide the names and contact information for three references when prompted in the academic profile. This information will be utilized to solicit recommendation letters from your references within the employment system.

Selection process begins December 1, 2017 and continues until the position is filled. https://ukjobs.uky.edu/postings/162906

Email questions to statjobs@uky.edu. For more information about the department, please visit http://stat.uky.edu.
(17) 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.

(18) NSF Candidate Search - Assistant Director for Social, Behavioral, and Economic Sciences (AD/SBE)

The National Science Foundation is initiating a national search for the Assistant Director for Social, Behavioral, and Economic Sciences (SBE). We seek your assistance in the identification of visionary candidates to lead the Directorate in the coming years. Dr. Fay Lomax Cook has served in this position with distinction since September 2014. Through her efforts SBE sciences maintain a prominent role in the agency's plans and programs, including a leadership role in the NSF Big Idea focused on Work at the Human-Technology Frontier. The next Assistant Director will have similar opportunities to shape future research and education in the SBE sciences as well as ensure that SBE is a key participant in NSF's expanding efforts to support convergence research. The next Assistant Director will also be central to the strategic visioning for SBE that has been recommended by a 2017 study of the National Academies of Science.

The Assistant Director, SBE, manages a Directorate with a budget of approximately $270.0M, and comprising the varied fields of the social, behavioral and economic sciences. These include the Division of Behavioral and Cognitive Sciences (BCS), the Division of Social and Economic Sciences (SES), the SBE Office of Multidisciplinary Activities (SMA), and the National Center for Science and Engineering Statistics (NCSES). Shown below are an information sheet that summarizes the Directorate's activities and the responsibilities of the position, together with the criteria that will be used in the search. Employment may be on a temporary or permanent basis in the Federal Service or by temporary assignment under provisions of the Intergovernmental Personnel Act.

We are very pleased to announce that Dr. Anne Petersen, former NSF Deputy Director and Research Professor at the University of Michigan, has agreed to head the Search Advisory Committee. Both the Committee and I seek your help in identifying candidates with the following qualifications: outstanding leadership; a deep sense of scholarship; a grasp of the issues facing the social, behavioral, and economic science communities, especially in the areas of education and fundamental research; and expertise with the production, analysis and dissemination of public data and statistics. Candidates must also have the ability to serve effectively as a key member of the NSF senior management team, working together with the NSF Director and other Assistant Directors on cross-directorate activities and interactions with executive and legislative branches of government. When opportunities arise, the candidate must be able to communicate effectively with leaders of business and industry as well as the philanthropic
community. Recommendations of individuals from any sector - academic, industry, or government - are welcome.

Please send your recommendations, including any supporting information which you might be able to provide, to the AD/SBE Screening Committee via e-mail (sbesrch@nsf.gov) or at the following address: National Science Foundation, Office of the Director, 2415 Eisenhower Avenue, Alexandria, VA, 22314.

(1) NIH Requests for Information

Request for Information (RFI): Inviting comments and suggestions on the development of a Eureka prize for Alzheimer's disease research
(NOT-AG-17-018)
National Institute on Aging

Request for Information (RFI): Information Resources on Lifestyle and Behavioral Factors Contributing to the Effectiveness of Cancer Therapies
(NOT-CA-18-002)
National Cancer Institute

(2) NIH: Mobile and Connected Health Interventions to Improve Care Continuum and Health Outcomes among Youth with HIV

Mobile and Connected Health Interventions to Improve Care Continuum and Health Outcomes among Youth with HIV (R34)
(RFA-MH-18-005)
National Institute of Mental Health
National Institute on Drug Abuse
Application Receipt Date(s): January 9, 2018, by 5:00 PM local time of applicant organization. All types of S 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.

Mobile and Connected Health Interventions to Improve Care Continuum and Health Outcomes among Youth with HIV (R01)
(RFA-MH-18-006)
National Institute of Mental Health
National Institute on Drug Abuse
National Institute on Minority Health and Health Disparities
Application Receipt Date(s): January 9, 2018, by 5:00 PM local time of applicant organization. All types of 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.
(3) NIH: Diet and Physical Activity Assessment Methodology

Diet and Physical Activity Assessment Methodology (R01 Clinical Trial Optional)
(PA-18-010)
National Institute of Diabetes and Digestive and Kidney Diseases
National Center for Complementary and Integrative Health
National Cancer Institute
National Heart, Lung, and Blood Institute
National Institute on Alcohol Abuse and Alcoholism
Office of Dietary Supplements
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.

Diet and Physical Activity Assessment Methodology (R21 Clinical Trial Optional)
(PAR-18-112)
National Institute of Diabetes and Digestive and Kidney Diseases
National Cancer Institute
National Heart, Lung, and Blood Institute
National Institute on Alcohol Abuse and Alcoholism
Eunice Kennedy Shriver National Institute of Child Health and Human Development
National Institute of Nursing Research
Office of Dietary Supplements
Application Receipt/Submission Date(s): For new applications: June 16, 2018 (alternating standard due dates). For resubmission applications: November 16, 2015; July 16, 2016; March 16, 2017; November 16, 2017; and July 16, 2018 (alternating standard due dates), 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.

(4) NIH: Reducing Overscreening for Breast, Cervical, and Colorectal Cancers among Older Adults

Reducing Overscreening for Breast, Cervical, and Colorectal Cancers among Older Adults (R01 Clinical Trial Optional)
(PA-18-005)
National Cancer Institute
National Institute on Aging
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.

(5) NIH: Examination of Survivorship Care Planning Efficacy and Impact

Examination of Survivorship Care Planning Efficacy and Impact (R21 Clinical Trial Optional)
(PA-18-012)
National Cancer Institute
Application Receipt/Submission Date(s): Multiple dates, see announcement.
(6) NIH: Safety and Outcome Measures of Pain Medications Used in Children and Pregnant Women

Safety and Outcome Measures of Pain Medications Used in Children and Pregnant Women (R01 Clinical Trial Optional)
(PA-18-038)
Eunice Kennedy Shriver National Institute of Child Health and Human Development
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.

Safety and Outcome Measures of Pain Medications Used in Children and Pregnant Women (R21 Clinical Trial Optional)
(PA-18-043)
Eunice Kennedy Shriver National Institute of Child Health and Human Development
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.

Safety and Outcome Measures of Pain Medications Used in Children and Pregnant Women (R03 Clinical Trial Optional)
(PA-18-044)
Eunice Kennedy Shriver National Institute of Child Health and Human Development
Application Receipt/Submission Date(s): Standard AIDS dates apply, by 5:00 PM local time of applicant organization. All types of AIDS and AIDS-related applications allowed for this funding opportunity announcement are due on these dates.

(7) NIH: The Application of Big Data Analytics to Drug Abuse Research

The Application of Big Data Analytics to Drug Abuse Research (R01 Clinical Trial Optional)
(PA-18-057)
National Institute on Drug Abuse
Application Receipt/Submission Date(s): Multiple dates, see announcement.

(8) NIH: Revision Applications for Validation of Mobile/Wireless Health Tools for Measurement and Intervention

Revision Applications for Validation of Mobile/Wireless Health Tools for Measurement and Intervention (R01) (Clinical Trials Not Allowed)
(PA-18-338)
Office of Behavioral and Social Science Research
National Heart, Lung, and Blood Institute
National Institute of Mental 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.
Revision Applications for Validation of Mobile/Wireless Health Tools for Measurement and Intervention (R01) Clinical Trial Optional
(PA-18-339)
Office of Behavioral and Social Science Research
National Cancer Institute
National Institute of Biomedical Imaging and Bioengineering
National Institute on Deafness and Other Communication Disorders
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.

(9) NIH: Outcome Measures for Use in Treatment Trials of Individuals with Intellectual and Developmental Disabilities
Outcome Measures for Use in Treatment Trials of Individuals with Intellectual and Developmental Disabilities (R01 - Clinical Trial Optional)
(PAR-18-039)
Eunice Kennedy Shriver National Institute of Child Health and Human Development
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.

(10) NIH: New NIGMS Funding Opportunity: Collaborative Program Grants for Multidisciplinary Teams
A new funding opportunity announcement (FOA) to support multidisciplinary, collaborative team research in scientific areas within the mission of NIGMS has been posted. The Collaborative Program Grant for Multidisciplinary Teams (RM1) aims to support highly integrated, interdisciplinary teams working toward a common scientific goal. The RM1 program replaces NIGMS Program Project Grants (P01) and most of NIGMS' P50 centers programs (with the exception of the Structural Biology of HIV/AIDS centers). The first receipt date for the new program is January 25, 2018.

RM1 applications should have a unified scientific goal within the NIGMS mission that requires a team with diverse perspectives and expertise in a variety of intellectual or technical areas. We are seeking projects that are challenging, ambitious, and innovative, with the potential to produce lasting advances in their fields. Unlike many larger programs, NIGMS Collaborative Program Grants require one integrated research plan and a separate management plan that addresses shared leadership, responsibility for decision making and resource allocation, and opportunities for professional development and credit. Optionally, the team can expand to support early stage investigators (ESIs) in pilot projects that enrich program objectives and help the ESIs obtain independent funding.

In general, we expect that the research supported by Collaborative Program grants will be the primary focus of the principal investigators (PIs) rather than being in addition to the main work going on in their individual laboratories. Guidelines for investigator effort and details about how the PIs’ other support will be considered when making funding decisions can be found in the FOA and on the Institute’s website. Interested applicants are strongly encouraged to discuss research plans with NIGMS staff before submission.
If you have any questions about NIGMS Collaborative Program Grants, please contact Drs. Susan Gregurick or Paul Sammak.

**Workshops and Conferences**

(1) University of Florida Workshop on Semiparametric and Nonparametric Statistics in the Era of Big Data

Please circulate the below link about the University of Florida Workshop on Semiparametric and Nonparametric Statistics in the Era of Big Data to be held this January as appropriate. And also note the poster session with travel awards for advanced PhD students and junior faculty.


**Awards**

No new listings this week

**Other opportunities or information**

(1) Data Science for Stochastic Processes Contest- $2,000 Prize


(2) JNPS Calls for Editor Applications and Nominations

The American Statistical Association and publisher Taylor and Francis invite nominations and applications for the position of editor of the Journal of Nonparametric Statistics.

JNPS provides a medium for the publication of research and survey work in nonparametric statistics and related areas. Both the theory and applications of nonparametric statistics are covered in the journal. Research applying nonparametric methods to medicine, engineering, technology, science and humanities is welcomed, provided the novelty and quality level are of the highest order.

For more information on JNPS’s aims and scope, please see http://www.tandf.co.uk/journals/gnst.

The new editor will serve from 2019 through 2021, with the transition beginning in 2018.
Nominations: If you know someone who would be right for the editorship of JNPS, please nominate that person by sending his or her name, email address, and a brief description of his or her qualifications to eric@amstat.org. The search committee will consider your nomination along with others received.

The deadline for nominations is December 8, 2017

Applications: Applications for the editorship should be sent electronically to eric@amstat.org, and should include a CV; the names of 3 references; and a letter of interest in the position including a brief statement of the candidate’s vision for the publication, directions the candidate would pursue, and contributions she or he would make if selected as editor.

The deadline for applications is February 9, 2018.

Please note: JNPS editors are encouraged to be active members of the ASA during their terms.

(3) Harvard H.T. Chan School of Public Health: new program – Master in Health Data Science

The Master of Science in Health Data Science is designed to provide rigorous quantitative training and essential statistical and computing skills needed to manage and analyze health science data to address important questions in public health and biomedical sciences.

Details of the program can be found here: https://www.hsph.harvard.edu/health-data-science/

Applications are due December 1, 2017.

(4) Kass Fisher Lecture on brain research now available online in two versions

Brain-related disorders impact almost everyone, either directly or through family or friends. For many of the disorders, whether they’re psychiatric or neurological, there are basic scientific descriptions, and valuable treatment options, but none has a satisfactory cure because the underlying mechanisms are not fully understood.

The federal government launched the BRAIN Initiative in 2013 to ignite the development and application of new technologies needed for major advances toward understanding the brain. Carnegie Mellon University’s Rob Kass believes brain research is in desperate need of cutting-edge statistics, which can and should supply a crucial link between new, highly complex data and the thorough scientific explanations the research aims to generate.

As the Committee of Presidents of Statistical Societies’ 2017 R.A Fisher Lecturer, Kass outlined his case in “The Importance of Statistics: Lessons From the Brain Sciences.”

“Most people have no idea how advanced statistical thinking can elevate research and accelerate scientific discovery,” said Kass, the Maurice Falk Professor of Statistics and Computational Neuroscience in CMU’s Dietrich College of Humanities and Social Sciences. “In my lecture, I pointed to some difficulties that arise when statistical ideas are ignored in the analysis of complex neuroscience data.”

After illustrating how recordings of neuron activity have played a fundamental role in the brain sciences, Kass gave examples of neuroscience questions that led to interesting statistical problems, and how good solutions to those problems have been guided by the teachings of the discipline of statistics.
“This lecture eloquently describes the central role of statistics in scientific inference, showing how several modern advances in neuroscience have been built on Fisher’s remarkable foundational work in statistics, nearly a hundred years ago,” said Nancy Reid, University Professor of Statistical Sciences at the University of Toronto.

Watch a highlight video of “The Importance of Statistics: Lessons from the Brain Sciences,” edited to remove the most technical material.

Watch the talk in its entirety.