



## Caucus of Academic Reps (CAR) Weekly Digest September 24, 2018

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# Positions

## (1) Virginia Tech Department of Statistics: Tenure Track Faculty Position

The Virginia Tech Department of Statistics ([www.stat.vt.edu](http://www.stat.vt.edu)) invites applications for a tenure track faculty position in the Department of Statistics to begin in August 2019. Appointment at the rank of assistant professor is preferred, but the associate level will be considered for exceptional candidates. Requirements include a Ph.D. in statistics or a closely related field and a research focus in computationally-intensive statistical methods.

This is a unique opportunity to become a member of a vibrant, growing Department of Statistics in the midst of a major expansion of our faculty and a significant modernization of our curricula and programs. The position is also part of a major emphasis on statistics, including computational modeling, data science and analytics, and empirical decision making at Virginia Tech.

Questions regarding the position can be directed to Professor Robert B. Gramacy ([rbg@vt.edu](mailto:rbg@vt.edu)), chair of the search committee. Review of applications will begin on December 1, 2018. Applications must be submitted online at <http://listings.jobs.vt.edu> (posting number: TR0180115).

## (2) Georgia State University School of Public Health: Epidemiology & Biostatistics/Next Generation-Assistant/Associate Professor (Log# 19-109)

The School of Public Health invites applications for a tenure-track faculty position at the assistant or associate level, in the areas of computational genomics and bioinformatics. Candidates should have a strong background in mathematical modeling and data analysis. We are particularly interested in candidates with strong quantitative research programs. A Ph.D. in Computer Science, Applied Mathematics, Bioinformatics, Computational Biology, Biomedical Engineering or related area is required. Preference will be given to those candidates who have a strong record of independent or collaborative research and teaching, and extramural funding. Georgia State University has a significant strength in

biomedical sciences, particularly in infectious disease, microbial pathogenesis, inflammation and immunity. We expect the successful candidates to be able to work with a team of faculty members from Computer Science, Public Health, Engineering, Mathematics and Statistics, Institute of Biomedical Sciences (IBMS), Biology, the Neuroscience Institute and/or Center for Diagnostics and Therapeutics (CDT), synergistically advance biomedical science research at GSU.

This position is part of GSU's Next Generation research program. This program provides new opportunity for collaboration and innovation. Georgia State University, an enterprising R-1 university located in Atlanta, is a national leader in using innovation to drive student success and research growth. Enrolling and graduating one of the most diverse student bodies in the nation, Georgia State provides its world-class faculty and more than 50,000 students unsurpassed research, teaching, and learning opportunities in one of the 21st century's great global cities.

Application Process: Electronic submissions are preferred: Submit a letter of interest outlining qualifications; resume or curriculum vitae; and names/contact information for three references to:

- Email: [publichealthjobs@gsu.edu](mailto:publichealthjobs@gsu.edu)
- Please include Epidemiology & Biostatistics/Next Generation - Assistant/Associate Professor (Log# 19-109) in the subject line.
- Other documentation may be requested of applicants considered for interviews. Employment will be conditional upon a background investigation/verification.

**(3) University of California, San Diego School of Medicine, Department of Family Medicine and Public Health: open rank professor of biostatistics**

The Department of Family Medicine and Public Health in the University of California, San Diego School of Medicine is committed to academic excellence and to diversity within the faculty, staff, and student body.

We invite applications for one or more faculty positions in FMPH's Division of Biostatistics and Bioinformatics, with a dual focus on research in statistical methodology and in collaborative biomedical science. The Department has need of outstanding statistical expertise in causal inference, clinical trials and adaptive trial designs, computational statistics, and other areas. All research areas of biostatistics and statistics are welcome.

Opportunities are available for participation in a large Alzheimer's Disease research consortium, at the Moores UCSD Cancer Center, at the UCSD Clinical and Translational Research Institute, with the UCSD Department of Surgery, and with other outstanding research groups at UCSD. These positions entail a substantial commitment to methodological statistical research, including teaching in the PhD program in Biostatistics and in other Departmental initiatives.

Candidates must have a doctoral degree in Biostatistics, Statistics, or a closely related field. The successful candidate(s) must have evidence of accomplishment in collaborative biomedical research and in research in statistical methodology, as demonstrated by impactful publication and independent funding, or by demonstrated potential in these areas. Excellent oral and written communication skills are required. Candidates must have an established research program and a strong record of publication in the peer-reviewed literature. Candidates must have demonstrated potential for obtaining NIH (or

comparable) funding and high productivity of impactful publication in both the statistical and biomedical peer-reviewed literature.

The appropriate series and appointment at the Assistant, Associate or Full Professor level will be based on the candidate's qualifications and experience. Salary is commensurate with qualifications and based on the University of California pay scales. Review of applications will start 10/7/2018

A link to full descriptions of each series is provided for your review: In-Residence Professor – see: [ucop.edu/academic-personnel-programs/files/apm/...](http://ucop.edu/academic-personnel-programs/files/apm/...) Adjunct Professor – see: [ucop.edu/academic-personnel-programs/files/apm/...ucop.edu/academic-personnel-programs/files/apm/...](http://ucop.edu/academic-personnel-programs/files/apm/...ucop.edu/academic-personnel-programs/files/apm/...)

Applications must be submitted through the UC San Diego's Academic Personnel RECRUIT system at: [apol-recruit.ucsd.edu/apply/JPF01878](http://apol-recruit.ucsd.edu/apply/JPF01878).

<http://biostat.ucsd.edu/>

[healthsciences.ucsd.edu/som/fmph/divisions/biostat/...](http://healthsciences.ucsd.edu/som/fmph/divisions/biostat/...)

#### **(4) Johns Hopkins Bloomberg School of Public Health, Department of Health Policy and Management: Tenure-track Position in Health Policy Statistics**

The Department of Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health has an opening for a full-time, 12-month faculty position for a policy-oriented statistician (open rank; Assistant, Associate, or Full Professor). Applicants for this tenure track position should have a Ph.D. with graduate training in statistics, biostatistics, or a related field and an interest in the development and application of statistical methods to health policy and/or health services research. A strong interest in graduate-level advising, mentoring, and teaching in applied statistics in a policy context is required. The ideal candidate will have demonstrated capabilities and/or potential in developing an externally-funded research program and a track record of peer-reviewed publication. A close linkage with the School's Department of Biostatistics is envisioned by both departments. Linkages with other Departments are also possible depending on candidate background and interests. Rank will be commensurate with qualifications and experience.

The Department of Health Policy and Management at the Johns Hopkins Bloomberg School of Public Health is a large department with nearly 70 full-time faculty offering training at the masters and doctoral levels in a diverse spectrum of areas such as health services research, health and public policy, health economics, bioethics, health leadership and management, and social policy. The Department is home to 15 Centers and Institutes focused on a range of public health issues including health disparities, gun policy, public health law, mental health and addiction policy, injury prevention, population health informatics, and others. The Department's faculty work closely with faculty and students from across the School of Public Health, including the top-ranked Department of Biostatistics.

This position will close on November 15, 2018, and all materials must be received by this date. Applicants for the position should submit a cover letter, current CV, three names of references, and two publication reprints or manuscripts that exemplify the applicant's work to Interfolio, which is the University's secure online search platform <http://apply.interfolio.com/54275>. Cover letters should be addressed to Elizabeth Stuart, Ph.D. and Lainie Rutkow, Ph.D., J.D., CoChairs of the Search Committee.

Please direct all questions about this search to Ms. Michelle Ward, Senior Administrative Coordinator for the Department of Health Policy and Management, at 410-955-3625 or [mward39@jhu.edu](mailto:mward39@jhu.edu).

**(5) American University, Department of Mathematics and Statistics: Assistant Professor**

The Department of Mathematics and Statistics in the College of Arts and Sciences at American University invites applications for a full-time, tenure-track position at the rank of Assistant Professor beginning August 1, 2019. Applicants should have a PhD or an anticipated PhD completion by August 2019 in the field of Mathematics, Statistics, or a closely related field.

Candidates should be effective teachers and must be strongly committed to excellence in scholarly research. We welcome applications from candidates engaged in high-quality scholarship in Data Science with a strong mathematical/statistical grounding. Areas of interest include probability, data science, machine learning, Bayesian modeling, spatial statistics, harmonic analysis, times series analysis, information theory, computational topology, number theory and computational science. In addition to scholarship and teaching, responsibilities will include participation in department, school and university activities.

Salary and benefits are competitive. Applications are due December 1, 2018; after that date review will be considered as warranted until the position is filled. Please submit applications via: [www.mathjobs.org](http://www.mathjobs.org). Include a letter of application, curriculum vitae, three letters of recommendation, recent teaching evaluations (when possible), and copies of recent published papers or working papers. Please contact John Nolan, 202-885-3140 or [jpnolan@american.edu](mailto:jpnolan@american.edu) if you have any questions.

For more information about American University, visit [www.american.edu](http://www.american.edu).

**(6) NYU Long Island School of Medicine: Director of Biostatistics**

The new NYU Long Island School of Medicine (NYU-LI SoM) and its Research Institute seeks an accomplished, tenure-track biostatistician to direct its Biostatistics program. The School of Medicine has as its primary mission: *To train skilled primary care physicians who can also advance the health of populations as leaders in research and the translation of new knowledge into policy and practice.* The role of Biostatistics is central to the overall mission of the new Medical School and especially critical for providing methodologic expertise for a wide range of clinical, basic and health services research.

The Director of Biostatistics will lead data science and biostatistics group, which serves the needs of the entire medical school and NYU Winthrop Hospital. This involves providing methodologic consultation for new grants and manuscripts; design of projects; and informal and formal training for medical students, house officers and clinical and basic science faculty. Situated in Mineola, NYU-LI SoM is a partnership with NYU Langone Medical Center and Health System and will be the second medical school under the sponsorship of the New York University. This faculty member will be an integral member of the core, full time faculty of this innovative medical school with its primary mission on educating leaders and practitioners in the disciplines of primary care.

The NYU-LI SoM Research Institute has an especially strong program in basic, clinical and translational studies of diabetes, obesity and their complications; applicants aligned with these interests are especially encouraged to consider this opportunity.

Requirements for this position include an excellent record of quality scholarship and experience in collaborating with a wide range of investigators; a track record of strong leadership and mentoring skills; an established research success supporting appointment at the level of Associate Professor; a strong commitment to and interest in teaching; and a passion for improving healthcare. Core qualifications include: PhD or equivalent doctorate degree. For physician candidates, board certification or eligibility and NY State licensure or eligibility is required.

Scholarship that bridges disciplines is encouraged across departments with NYU's many schools, centers and institutes. In particular, there is a strong and growing set of collaborations with NYU School of Medicine's Department of Population Health and its Division of Biostatistics. There are other remarkable research opportunities in collaboration with NYU Langone Health, and with a broad range of NYC metro area government, community and academic partners.

To apply, upload cover letter and CV online at <https://winthrop-careers.silkroad.com/> and search Director, Biostatistics Job #12307003\_182572.

NYU Long Island School of Medicine is located at the campus of NYU Long Island Hospital in Mineola, in Western Nassau County, just 25 miles from Manhattan and one block from Mineola LIRR Train Station.

**(7) Wake Forest University, Department of Mathematics and Statistics: three tenure-track positions in statistics**

Applications are invited for three tenure-track positions in statistics to begin July 2019, to meet the rapidly growing demand for statistics at Wake Forest University and to lay the foundation for continued development. We seek a cohort of new faculty with a commitment to excellence in both teaching and research, a desire to mentor both undergraduate and graduate students, and a commitment to enhance the breadth, depth, and diversity of our statistics programs. Positions are open to all areas of statistics. These positions are at the assistant level, but hiring at the associate level may be considered under exceptional circumstances. A Ph.D. in Statistics, Biostatistics or a related area is required.

The (untenured) tenure-track teaching load is two courses per semester. A complete application will include a letter of application, curriculum vitae, teaching statement, research statement, graduate transcripts, and three letters of recommendation. The letter of application should explain why the teaching and research environment at Wake Forest is a good fit for the candidate. At least two of the letters of recommendation should address the scholarship and/or scholarship potential of the applicant; at least one of the letters of recommendation should address the teaching ability of the applicant. Review of applications will begin by October 14, but applications will continue to be reviewed until the positions are filled. Please apply at [Mathjobs.org](http://Mathjobs.org). Any questions or concerns should be addressed to Sarah Raynor ([raynorsg@...](mailto:raynorsg@...)). Wake Forest University welcomes and encourages diversity and inclusivity, and seeks applicants with demonstrated success in working with diverse populations.

**(8) University of Chicago, Department of Statistics: Assistant Professor (computational and applied mathematics)**

Req # 03894

As part of the Computational and Applied Mathematics Initiative at the University of Chicago, the Department of Statistics invites applications from exceptionally qualified candidates for faculty positions

at the rank of Assistant Professor. The University of Chicago has recently established an undergraduate major in Computational and Applied Mathematics as well as a new PhD program in Computational and Applied Mathematics. We seek individuals doing advanced research in computational and applied mathematics or in related fields. It is expected that successful applicants will teach in both undergraduate and graduate levels of this program and engage in the direction of doctoral dissertations. Interdisciplinary collaboration is particularly valued. Appointments may be made jointly with another department in the University.

By the time of hire candidates must have completed all requirements for the PhD in some field of mathematics, applied mathematics, statistics, or computational science. Demonstrated research excellence appropriate to the rank is essential; some teaching experience in the mathematical sciences is preferred. Applicants must apply online at the University of Chicago Academic Jobs website at <https://tinyurl.com/y8gtlnhp> and upload the following required materials: cover letter, CV, and three letters of reference. You may also upload research and teaching statements as well as up to three relevant research publications, but they are not required.

Application screening will begin December 1, 2018, and continue until all positions are filled or the search is closed.

**(9) University of Chicago, Department of Statistics: Assistant Professor**

Req # 03893

The Department of Statistics at the University of Chicago invites applications from exceptionally qualified candidates for faculty positions at the rank of Assistant Professor. We seek individuals doing advanced research in statistical methodology or theory, in applied statistics or data science, or in related fields. Applicants must have doctorates by the time of start date in statistics or some field of mathematics or science where statistical concepts or methods play an important role. A demonstrated research excellence appropriate to the rank is essential.

Applicants must apply online at the University of Chicago Academic Jobs website at <https://tinyurl.com/yb679r78> and upload the following required materials: cover letter, CV, and three letters of reference. A research statement, teaching statement, and up to three relevant research publications may also be included but are not required.

Application screening will begin December 1, 2018, and continue until the position is filled or the search is closed.

**(10) Bentley University, Department of Mathematical Sciences: open rank position**

The Department of Mathematical Sciences at Bentley University-an independent, private business-oriented university located in suburban Boston-invites applications for a tenure-track position beginning Fall 2019. We seek candidates to add to our strengths in applied statistics, data science, machine learning, and applied mathematics. Candidates with the ability and willingness to teach in more than one of these areas at both the undergraduate and graduate levels are especially attractive. The rank and salary will be commensurate with experience. The Mathematical Sciences Department offers undergraduate degrees in mathematical sciences, actuarial sciences, and data analytics and an MS in Business Analytics, and it is active in the PhD program in Business, both in teaching and in doctoral

student supervision. We value collaboration with faculty in other departments and have a particularly strong record of leadership in such activities. Candidates are encouraged to learn more about our department by visiting [www.bentley.edu/mathematics](http://www.bentley.edu/mathematics).

Applicants must hold a Ph.D. in Statistics, Mathematics, or a closely related discipline. Criteria for selection include: (a) Evidence of excellent teaching ability; (b) High quality research skills and experience; (c) Organizational skills to facilitate supporting and building academic programs consistent with the department's mission; (d) Strong interpersonal skills for building research connections; (e) Ability and willingness to supervise graduate student research and participate in activities related to our graduate programs.

Applications are being evaluated on a rolling basis and will continue to be accepted until the position is filled. For details about submitting an application please visit the full job posting at <http://jobs.bentley.edu>.

For additional details about Bentley University in General, please visit Bentley University's about page [www.bentley.edu/about/bentley](http://www.bentley.edu/about/bentley)

**(11) George Washington University Biostatistics Center: assistant / associate research professor, clinical trial statistician / biostatistician**

An opportunity for substantial leadership responsibility in studies of international public health import.

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

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

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

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

Only complete applications will be considered. Review of applications will begin on September 12, 2018 and is ongoing until the position is filled. Rank and salary are commensurate with experience and qualifications. Employment offers are contingent on the satisfactory outcome of a standard background screening.

### **(12) George Washington University Biostatistics Center: open rank position**

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

#### Specific Duties and Responsibilities

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

#### Basic Qualifications

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

For information about the Center, please see: [www.bsc.gwu.edu](http://www.bsc.gwu.edu).

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

#### Application Procedures

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

- (2) Cover letter including a synopsis of experience and qualifications;
- (3) Curriculum vitae;
- (4) Statement of research experience, interest, and plans;
- (5) Statement of teaching experience, interest, and plans

Only complete applications will be considered. Review of applications will begin on October 8, 2018 and will remain ongoing until the position is filled. Three letters of reference will be requested from the position finalists. Employment offers are contingent on the satisfactory outcome of a standard background screening.

#### **(13) University of Illinois at Urbana-Champaign, Department of Statistics: Open Rank Faculty Position in Statistics and Data Science**

The Department of Statistics at the University of Illinois at Urbana-Champaign invites applications for a tenured or tenure-track faculty position in Statistics and Data Science (100% for 9 months). Areas of emphasis include statistical methods and computation methods for big data, computational statistics, biological and health sciences, statistical machine learning, causal inference, graphical models and sampling and design for large-scale studies, but all areas of Statistics and Data Science are welcome.

For additional information, please review the job board at <https://jobs.illinois.edu>. Deadline to apply is November 1, 2018. Questions about the position or application procedures may be directed to [stat-search@illinois.edu](mailto:stat-search@illinois.edu).

#### **(14) University of Illinois at Urbana-Champaign, Department of Statistics: Lecturer, Teaching, Clinical, or Visiting Assistant, Associate and Full Professors**

The Department of Statistics invites applications for lecturer, teaching, clinical and visiting assistant/associate/full professor positions in Statistics and Data Science (up to 100% for 9 months). Lecturer, teaching and clinical professorial positions are continuing specialized faculty appointments renewable subject to performance and funding. Visiting positions can be renewed up to 3 years subject to performance & funding. Adjunct teaching/clinical/visiting positions are possible for appointments below 50%. Some areas of emphasis include statistical methods for data science, statistical machine learning, computational statistics, biostatistics and informatics. All areas of statistics and data science are welcome. For additional information, please see the job posting at <http://jobs.illinois.edu>.

#### **(15) University of Minnesota, School of Statistics: two tenure-track positions**

The School of Statistics in the College of Liberal Arts at the University of Minnesota-Twin Cities invites applications for two full-time, tenure-track positions to begin fall semester 2019 (08/26/2019). Appointments will be 100% time over the nine-month academic year (late- August to late- May), and

salary is competitive. Appointments will be made 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.

#### About the Job

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.

#### How to Apply

All applicants must apply online at [humanresources.umn.edu/jobs](https://humanresources.umn.edu/jobs) . Reference job posting ID# 325807 .

#### **(16) University of Nebraska-Lincoln: five tenure-track positions**

The Statistics Department at the University of Nebraska-Lincoln is pleased to recruit candidates for five tenure leading assistant professor positions. We are seeking candidates primarily in emerging or rapidly advancing branches of statistics who have demonstrated a high level of skill in methodology, data analysis, and computation.

The successful candidates will develop high-impact, nationally and internationally recognized research and teaching programs in the theory, methodology, and analysis appropriate to important contemporary data driven problems. The Department will support successful candidates to establish effective disciplinary and trans-disciplinary collaborations including integration with existing research groups; connect with stakeholders, agency, and/or industry partners; obtain and leverage external and internal support (grants, fee revenue, etc.) for research and teaching activities; mentor undergraduate and graduate students; publish in high-quality, high-impact peer reviewed journals and participate in scientific meetings and other appropriate activities; and translate research based information into learner-centered products.

The successful candidates will be expected to teach up to four regular courses per academic year with considerable reductions to encourage research and other professional productivity. In addition, the successful candidates will participate in program and curriculum development. The contract length is negotiable (nine month or twelve month) and may include an extension component.

Minimum qualifications: PhD in Statistics, applied mathematics, or closely related field. Experience with one or more data types in emerging or rapidly advancing fields within statistics, as demonstrated by refereed papers, presentations, or other completed projects, e.g., PhD thesis. Computing and methodological skills appropriate to the analysis and modeling of data types with which the candidate has experience.

Preferred qualifications: Demonstrated methodological novelty and creative ability in one or more area of statistics that are recently emerged or are currently rapidly advancing. This includes, but is not limited to, Bayesian statistics, temporal data, statistical image analysis, data science, and prediction using data mining and machine learning techniques. Experience collaborating (including data collection) with subject matter researchers in the general area of agricultural and natural resources. Sophisticated computational skills including data management, data sharing, algorithm design, and coding. Communication skills, written, verbal and otherwise, at a level sufficient to interact easily with a broad range of researchers at UNL, with the academic world more generally, and with the broader Nebraska agricultural and natural resources community.

To view details of the position and make application, go to <http://employment.unl.edu>, requisition F\_180165. Applicants will be required to attach a letter of interest, curriculum vitae, contact information for three professional references, a one-page teaching statement, and a one-page statement of research interests as they apply to the subject matter areas of agricultural sciences and natural resources. The last two items should be combined and attached as Other Document. Review of applications begins December 15, 2018 and continues until the positions are filled or the search is closed.

**(17) Brigham and Women's Hospital: Post-doctoral position in genetics of cognitive decline and neurological disease**

Tamar Sofer is seeking a candidate for post-doctoral research fellowship position to study the genetic underpinnings of cognitive decline and neurological disease associated with aging, and how these genetic effects are associated with behavioral and environmental exposures, such as sleep behavior and quality.

The post-doctoral fellow will conduct genetic association analysis of cognitive and neurological disease outcomes in multiple studies of diverse populations. Genetic association analyses include genome-wide association studies, construction of polygenetic risk scores, gene-environment interaction analyses, rare variants association testing, integrative analysis of genetics and other 'omics markers, and more. Depending on the candidate qualifications and interest, the post-doctoral fellow may contribute to or perform statistical and epidemiological methods development. The fellow will have opportunities to collaborate with national leaders involved in genetic epidemiological consortia and studies of brain aging.

The successful candidate should be well familiar with statistical models and tests, have experience with genetic analyses, and have demonstrated experience working with large data sets on cluster computing environment. The fellow is expected to have good communication skills, as they will routinely work with collaborators having varied backgrounds and expertise. An interest in studying health outcomes in diverse and under-represented populations is a plus. PhD in Statistics, Biostatistics, Epidemiology, Bioinformatics, Genome Sciences, Neuroscience, Cognitive Science, or another relevant field is required.

The post-doctoral fellow position is at Brigham and Woman's Hospital, and affiliated with Harvard Medical School. Interested candidates should send a letter of interest, curriculum vitae, and contact information for three references, in electronic format to Tamar Sofer, PhD, [tsofer@bwh.harvard.edu](mailto:tsofer@bwh.harvard.edu).

**(18) University of Michigan, Department of Biostatistics: Postdoctoral Fellowship in Bayesian Imaging Analysis**

Applications are invited for a postdoctoral fellow position to join Professor Timothy D. Johnson's research group in the Department of Biostatistics at the University of Michigan. The position is for a two-year period and is available immediately. This position emphasizes developing Bayesian methods and computational tools for functional imaging data including data arising from fMRI and fNIRS studies. Specific areas of interest include, but are not limited to, (1) modeling fNIRS (functional near infrared spectroscopy) data; (2) modeling of pre-surgical fMRI data; and (3) modeling big data imaging studies such as the ABCD study (<https://abcdstudy.org>) and the UK Biobank imaging data ([www.ukbiobank.ac.uk/imagingdata](http://www.ukbiobank.ac.uk/imagingdata)). Applicants should have, or be studying for, a PhD in biostatistics, statistics, or a related quantitative discipline. A strong computational background is also required. Applicants should send a CV, a short statement of research interests, and contact information of three referees to Timothy D. Johnson ([tdjtdj@umich.edu](mailto:tdjtdj@umich.edu)).

**(19) Duke University School of Medicine, Department of Biostatistics and Bioinformatics: Postdoctoral Associate Position**

Duke University has a postdoctoral associate position in the Department of Biostatistics & Bioinformatics ([biostat.duke.edu/](http://biostat.duke.edu/)) within School of Medicine. Duke University is regularly ranked among the top research institutions in the US and worldwide. Duke University School of Medicine is ranked among country's top 10 medical schools. It is located in Durham, North Carolina.

Position Description: The overall goal of this position funded by NIH projects is to develop a rich class of dynamic prediction models for personalized prediction of future outcome trajectories and risks of target events, using a wide variety of data, including clinical, wearable devices, neuroimaging, and omics data from electronic health record, registry, and research initiatives. The application areas include neurological diseases, cardiovascular diseases, and radiology. The appointment is 2-3 years and is subject to annual renewal based on performance and funding availability. The position has 50-75% protected time for methodological research and 25-50% time on the collaborative research. The scientific environment is conducive to professional development for those anticipating a career in either a methodological research or a biomedical collaboration setting.

Requirements and Expectations: Ph.D. in statistics, biostatistics, or other related disciplines is required; strong interest, research background and experience in the methodology research in functional data analysis, longitudinal and survival analysis, machine learning; demonstrated evidence of excellent programming, collaboration, and communication skills.

Compensation and Benefits: We offer very competitive salary and excellent benefits. Visit the Duke University Office of Postdoctoral Service website at <http://www.postdoc.duke.edu> and Duke HR website at [www.hr.duke.edu](http://www.hr.duke.edu) for details.

Start Date: Immediately, but could start on January 2, 2019.

Application Deadline: Consideration of applications will begin immediately and will continue until the position is filled. To apply, submit application materials (cover letter CV statement of research interests and the contact information for at least three references) using the following link:

<https://academicjobsonline.org/ajo/jobs/11865> .

Dr. Sheng Luo [sheng.luo@duke.edu](mailto:sheng.luo@duke.edu)  
Staff Assistant: Ms. Lori Snider  
Tel: 919-668-4662 Email: [lori.snider@duke.edu](mailto:lori.snider@duke.edu)

### **(20) Purdue University, Department of Statistics: Postdoctoral Associate**

Position Description: The overall goal of this position funded by NIH is to develop statistical theory and methods for biomedical complex data analysis. The appointment is 2-3 years and is subject to annual renewal based on performance and funding availability.

Requirements and Expectations: Ph.D. in statistics, biostatistics, or other related disciplines; research experience in Monte Carlo computing, big data, or machine learning; evidence of excellent programming and collaboration.

Start Date: Immediately or on January 2, 2019.

Application Deadline: Applications will be accepted until the position is filled. To apply, email application materials (cover letter, CV, research statement, representative work, and contact information for at least three references) to Dr. Faming Liang at [fmliang@purdue.edu](mailto:fmliang@purdue.edu)

### **(21) UC Berkeley: post-doctoral position in computational methods for hierarchical modeling**

We have an opening for a post-doctoral scholar to work on methods for and applications of hierarchical statistical models using the NIMBLE software ([r-nimble.org](http://r-nimble.org)) at the University of California, Berkeley. [NIMBLE is an R package that combines a new implementation of a model language similar to BUGS/...](#) a system for writing new algorithms and MCMC samplers, and a compiler that generates C++ for each model and set of algorithms. The successful candidate will work with Chris Paciorek, Perry de Valpine, and potentially other NIMBLE collaborators to pursue a research program with a combination of building and applying methods in NIMBLE. Specific methods and application areas will be determined based on interests of the successful candidate. Applicants should have a Ph.D. in Statistics or a related discipline. We are open to non-Ph.D. candidates who can make a compelling case that they have relevant experience. The position is funded for two years, with an expected start date between October 2018 and June 2019. Applicants should send a cover letter, including a statement of how their interests relate to NIMBLE, the names of three references, and a CV to [nimble.stats@gmail.com](mailto:nimble.stats@gmail.com), with "NIMBLE post-doc application" in the subject. Applications will be considered on a rolling basis starting 15 October, 2018.

## Funding opportunities and information

### **(1) September 2018 NSF Director's Notes**

See <https://mailchi.mp/science360/nsf-directors-notes-may-1935477?e=845c412d7e> for the monthly message from Dr. France Córdova.

## Workshops, Webinars and Conferences

No new listings this time

## Awards

### **(3) Biopharmaceutical Section Scholarship Award for 2019**

The Biopharmaceutical Section Scholarship Award was established in 2018 by the Biopharmaceutical Section of the American Statistical Association to recognize notable academic achievement or applied project work related to the area of biopharmaceutical statistics. This annual scholarship award also considers general academic performance, leadership, volunteering, and service. Up to three (3) students will each receive an award of \$1000 that will be issued to them at the 2019 Joint Statistical Meeting.

#### Selection Criteria

- Applicants must have a Bachelor's degree and be enrolled in a Master's or Doctoral program in statistics or biostatistics.
- While membership in the Biopharmaceutical Section is not required, ASA membership is a requirement.

#### Nominations

Students should submit the following package to the chair of the Scholarship Award Committee at their physical or email address:

- A completed Application
- Transcripts (unofficial acceptable)
- Two letters of recommendation

Applications may be submitted from January 1<sup>st</sup> to March 15<sup>th</sup> each year. Winners are announced mid-April to be included in the ASA Awards Program. Submission details and Award Application are available at the [Award Page](#) of the Biopharmaceutical Section Website.

#### Award Recipient Responsibilities

The award recipients are responsible for providing a current photograph and general personal information the year the award is presented. The American Statistical Association uses this information to publicize the award and prepare the certificate. The student should make every effort to attend the Business Meeting of the Biopharmaceutical Section at the Joint Statistical Meetings where they will receive the award.

#### Questions

Visit the [Award Page](#) of the Biopharmaceutical Section Website.

### **(2) NSF Waterman Award**

The National Science Foundation (NSF) is pleased to accept nominations for the 2019 Alan T. Waterman Award. Established in 1975 to commemorate the Foundation's first Director, the Waterman Award is NSF's highest honor for promising, early-career researchers.

Nominees are accepted from all sources, and from any field of science and engineering that NSF supports. The award recipient will receive a medal and an invitation to the formal awards ceremony in Washington, DC. In addition, the recipient will receive a grant of \$1,000,000 over a five-year period for scientific research or advanced study in any field of science or engineering supported by the NSF, at any institution of the recipient's choice. NSF is especially interested in nominations for women, members of underrepresented groups in science and engineering, and persons with disabilities.

#### Eligibility and Selection Criteria

1. A candidate must be a U.S. citizen or permanent resident. He or she must be 40 years of age or younger, or not more than 10 years beyond receipt of the Ph.D. degree, by December 31 of the year in which he or she is nominated.
2. A candidate should have demonstrated exceptional individual achievement in scientific or engineering research of sufficient quality, originality, innovation, and significant impact on the field so as to situate him or her as a leader among peers.

Complete nomination packages, consisting of nominations and four letters of reference, are due by October 22, 2018. The nominations and letters must be received through NSF's FastLane system. To submit a nomination, please visit <https://www.fastlane.nsf.gov/honawards/>.

Please contact Dr. Sherrie Green, Program Manager for the Alan T. Waterman Award at [waterman@nsf.gov](mailto:waterman@nsf.gov) or 703-292-8040 if you have any questions. You may also visit <https://www.nsf.gov/od/waterman/waterman.jsp> for more information. A PDF version of the call for nominations is available at [https://nsf.gov/od/waterman/Flyer\\_2019.pdf](https://nsf.gov/od/waterman/Flyer_2019.pdf).

The nomination of deserving colleagues is one of the most important and gratifying aspects of service in the scientific and engineering communities. Please help celebrate the contributions of a promising early career researcher by submitting a nomination for the Alan T. Waterman award.

## Other opportunities or information

### **(2) Call for Nomination and Application for IBS Biometric Bulletin Editor**

The Subcommittee of the IBS Committee on Communications is seeking candidates for Editor of the *Biometric Bulletin*. The term of office for Editor is three years (January 2019 - December 2021). We would like to make sure Regions have the opportunity to encourage members with relevant experience to put themselves forward. Please publicise this message, and encourage any suitable candidates in your Region to apply. We also welcome nomination by Regional Officers and members.

Please note that the role of Editor is nowadays mainly one of content management, with the International Biometric Office (IBO) being responsible for technical editing, layout work, and publication. The Editor's role is to develop the quarterly issues of the *Biometric Bulletin* as a vehicle for ensuring Society members are informed and involved. The Editor's role is also to recruit ideas for future articles or improvements to the *Bulletin*.

Those interested in serving in this position should prepare a statement of experience relevant to the position, together with a statement on how they would like the *Biometric Bulletin* to develop under their

editorship to Chair of the Subcommittee, KyungMann Kim ([kyungmann.kim@wisc.edu](mailto:kyungmann.kim@wisc.edu)) by 1 November 2018.

More details of responsibilities for the position are available [here](#).