# Caucus of Academic Reps (CAR) Weekly Digest

**September 22, 2017**

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No new listings this week

Positions

(1) Southern Methodist University, Department of Statistical Science: assistant professor

The Department of Statistical Science at Southern Methodist University (SMU), Dallas, Texas invites applications for a tenure-track Assistant Professor position beginning either January 2018 or fall 2018. Candidates must hold a Ph.D. in statistics, biostatistics, or related discipline at the time of the appointment. The successful candidate must demonstrate the potential to develop an agenda of independent and collaborative research, and to attract extra-mural funding.

To ensure full consideration, the application must be received by October 1, 2017 but the committee will continue to accept applications until the position is filled. For further details on the position please refer to the announcement at www.smu.edu/Dedman/Academics/Departments/Statistics/News/....

(2) 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 http://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 http://www.stat.uga.edu

(3) University of Georgia, Department of Statistics: Tenure-Track Assistant Professor

The Department of Statistics at the University of Georgia invites applications for a tenure-track position at the rank of assistant professor in statistics, starting August 2018. Applicants must have a Ph.D. degree in Statistics or a closely related discipline by August 1, 2018, and scholarly credentials must reflect a strong commitment to teaching and research in statistics. Successful applicants are expected to develop a research program that will be competitive for external funding.

To apply for the position, candidates should visit facultyjobs.uga.edu/postings/2745 and provide all of the requested information. At this site, candidates should also upload an application letter, a curriculum vita, a research summary statement that highlights an interest in and contributions to statistical research, a statement on teaching philosophy, 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 November 26, 2017, will receive full consideration. For more information about the department and the university, please go to http://www.stat.uga.edu
(4) Colby College: open rank position in statistics

We invite applications for a tenure track position in statistics at Colby College to begin September 1, 2018. Applications at the Assistant Professor, Associate Professor or Professor levels will be considered. The department offers degrees in mathematics, mathematical sciences, and mathematical sciences with a concentration in statistics. We also offer minors in mathematics and statistics, and a minor in data science is being developed jointly with computer science. Colby is committed to several interdisciplinary programs related to statistics, including a new computational biology major, as well as new initiatives in the digital humanities and in data science. The successful candidate will be the third statistician in the department, joining an established, vibrant, and growing statistics program. Applicants must hold a Ph.D. in statistics, biostatistics, data science or a related field by the date of appointment, have a strong commitment to research, and be passionate about teaching statistics to undergraduates at all levels. The teaching responsibility for this position is five courses per year except in the first year, when the load is reduced to four courses. We are interested in all areas of research, including scholarship that spans disciplinary boundaries. Colby is committed to diversity, inclusion, and equity and seeks candidates who contribute to this via their teaching, research, and service.

For more information about the department, please see our web site at www.colby.edu/mathstats/. Colby is a highly selective liberal arts college recognized for excellence in undergraduate education and close student-faculty interaction. Applicants should submit a cover letter, curriculum vitae, statements of teaching and research interests, and three letters of recommendation electronically through www.mathjobs.org/jobs/jobs/10550. Review of applications will begin October 8, 2017, and will continue until the position is filled.

(5) Fordham University, Department of Psychology, Psychometrics and Quantitative Psychology Program: associate or assistant professor

Fordham University, Department of Psychology: The Psychometrics and Quantitative Psychology Program seeks to hire an Associate or Assistant Professor. Responsibilities include: teaching at the undergraduate and graduate level, developing an independent program of research and mentoring students’ masters and doctoral level research. Applicants with a strong track record of publication in any area of psychometrics and quantitative psychology are encouraged to apply. Evaluation of candidates will begin on October 20, 2017 and will continue until the position is filled.

The Department of Psychology offers doctoral degrees in Applied Developmental Psychology, Clinical Psychology, and Psychometrics and Quantitative Psychology and MS degrees in Applied Psychological Methods and Clinical Research Methods. (See www.fordham.edu/academics/programs_at_fordham_/…)

Please submit a CV, statement of your research and teaching interests, evidence of teaching credentials, representative publications, and three letters of reference. All application materials should be submitted electronically through interfolio (http://apply.interfolio.com/44660). Inquiries should be directed to our department Administrator, Maria Barbieri (barbieri@fordham.edu).

(6) University of Florida, Department of Biostatistics: open-rank position in biostatistics

The Department of Biostatistics is recruiting up to four tenure-track faculty members at the Assistant, Associate or Full Professor level.
Qualifications include a doctoral degree in biostatistics or related quantitative discipline. For senior hires, a record of academic accomplishments, scholarly recognition, external research support, and leadership responsibilities to warrant appointment at the level of professor or associate professor is essential. For hires at the assistant professor level, potential to develop such a record should be demonstrated.

To Apply See Job No 502285 on UF Careers Portal:  
Submit cover letter, CV, and a list of 3 references. Review of materials will begin on June 1, 2017 and continue until appointments are made.

(7) University of Florida, Department of Biostatistics: clinical assistant/associate/full professor of biostatistics

The Department of Biostatistics is recruiting a non-tenure track faculty member at the Clinical Assistant, Associate or Full Professor level. The Department is situated jointly within the College of Public Health and Health Professions (PHHP) and the College of Medicine (COM), in the Clinical and Translational Research Building, facilitating multidisciplinary research. This clinical track position is a teaching position within the Department with no research expectations. The responsibilities of this position include teaching courses in one or more of the programs affiliated with the Department including the MS and PhD in Biostatistics Programs and a concentration in Biostatistics as part of the Masters of Public Health Program. The department currently has about 20 faculty members and about 50 graduate students. The Department works closely with the NIH-funded Clinical and Translational Science Institute and is home to the Children’s Oncology Group, the Center for Statistics and Quantitative Infectious Diseases and multiple NIH and other grants.

Qualifications

- Doctoral degree in Biostatistics or related quantitative discipline required
- Demonstrated excellence in teaching and mentoring
- An interest in biostatistics education in the health sciences

To Apply See Job No 502836 on UF Careers Portal:  
Submit cover letter, CV, and list of 3 references. Review of materials will begin July 21, 2017 and continue until an appointment is made.

(8) Bentley University, Department of Mathematical Sciences: tenure-track 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 2018. The rank and salary will be commensurate with experience. Senior appointments will be considered. We seek candidates with interest and willingness to serve as Director for Center for Quantitative Analysis. The appointment is intended to add to our strength in applied statistics, data science, and operation research.

Candidates are encouraged to learn more about our department by visiting Mathematical Sciences.

Applicants must hold a Ph.D. in Statistics or a closely related discipline. Criteria for selection include: (a) Evidence of high quality research and effective teaching skills; (b) Organizational skills to facilitate supporting and building academic programs consistent with the department’s mission; (c) Strong
interpersonal skills for building research connections; (d) Supervise graduate student research and participate in activities related to our graduate programs.

For more information: jobs.bentley.edu/postings/3271

(9) **UC-San Diego School of Medicine: assistant professor of biostatistics**

The Department of Family Medicine and Public Health (FMPH) in the University of California, San Diego School of Medicine is committed to academic excellence and 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 clinical trials and adaptive trial designs and in computational statistics, among other areas. 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, and with other outstanding research groups at UCSD. These positions entail a substantial commitment to methodological statistical research, including teaching and mentoring at the PhD and Master’s level.

The successful candidate(s) will 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. All research areas of biostatistics and applied statistics are welcome; excellent oral and written communication skills are required. An outstanding program of relevant methods research and mentoring, or outstanding promise in these areas, is preferred. Candidates must have a doctoral degree in Biostatistics, Statistics, or a closely related field and will be expected to teach in the PhD program in Biostatistics and in other Departmental initiatives. At least 2 years of relevant post-doctoral experience is preferred. The Department is interested in candidates who have demonstrated commitment to excellence in teaching, research and service which contribute to an equitable, inclusive and diverse scholarly environment.

Candidates should have an established research program and a strong record of publication in the peer-reviewed literature. Candidates should have demonstrated potential for obtaining NIH (or comparable) funding and high productivity of impactful publication in both the statistical and biomedical peer-reviewed literature. Rank of the appointment will be based on skills and qualifications of the candidate and the series will include the In-Residence and Adjunct series. Salary is commensurate with qualifications and based on University of California pay scales.

Review of applicants will begin on November 1, 2017, and the position will remain open until filled.

Applications must be submitted through the UC San Diego’s Academic Personnel RECRUIT system.

To apply, please provide a letter of interest, a CV, a statement summarizing research interests and teaching experience, a separate statement describing past experience in activities that promote diversity and inclusion and/or plans to make future contributions, and names and contact information of three referees. Please provide teaching evaluations if available.

Please submit your application at: https://apol-recruit.ucsd.edu/apply/JPF01557
(10) Kenyon College, Department of Mathematics and Statistics: assistant professor

The Department of Mathematics and Statistics at Kenyon College seeks to fill a Tenure-Track position at the assistant professor level beginning July 2018. A Ph.D. in statistics or biostatistics is required, as well as prior teaching experience at a U.S. college or university. Our department has a strong commitment to student-centered learning. Thus, we will be particularly interested in candidates with experience in active learning techniques and/or laboratory based instruction. The typical teaching load is five courses per year. Kenyon faculty members are expected to be excellent teachers who maintain strong research programs, and there are funds available to support travel and faculty development.

Applications should be submitted by October 10, 2017, to ensure full consideration. We will, however, continue to accept applications until the position is filled.

To apply, please visit the following link.


(11) North Carolina State University, Department of Statistics: tenure-track assistant professor positions

The Department of Statistics at North Carolina State University seeks to hire two tenure-track assistant professors to begin in August 2018. Exceptional candidates at the Associate and Full Professor ranks will also be considered.

Applicants with interests and expertise in theoretical or methodological research in any area of statistics or biostatistics will be considered. Candidates with interests in modern methods of data analysis are especially encouraged to apply. The ability and desire to supervise graduate student research and to pursue excellence in teaching are essential. To apply, please visit jobs.ncsu.edu/postings

All applicants must have a Ph.D. in Statistics, Biostatistics or relevant field by the time of employment. Processing of applications will begin November 1, 2017, and continue until the position is filled.

Questions about the position may be directed to the Search Committee Chair (stat_search@stat.ncsu.edu).

Please submit recent transcripts as part of the application process. Please upload the names and contact information for your three letters of reference at http://www.stat.ncsu.edu/references so we can track the letters we receive from your references. All reference letters will be made available for review by the departmental voting faculty.

(12) University of North Carolina at Chapel Hill, Department of Statistics and Operations Research: Assistant Professorship in Statistics

The Department of Statistics and Operations Research at the University of North Carolina at Chapel Hill has an opening for a tenure-track position in statistics at the assistant professor level starting July 1, 2018.

Candidates are required to have a doctorate in a relevant field by the start date of the appointment. The Department is seeking candidates who have demonstrated interest in timely areas of application (e.g., social & computer networks, imaging, data mining, climatology, health-care analytics, genomics, business analytics, forensic science), have a strong theoretical training and the potential to maintain an
excellent research program. The successful candidate will be comfortable with teaching courses in applied and theoretical statistics at the undergraduate and graduate levels, as well as introductory courses in the department. The potential for interaction with other groups in the department and the university will be a positive factor in the consideration of candidates. We are particularly interested in candidates working at the interface of statistics and optimization.

We will begin considering candidates after November 15, 2017, and will continue accepting applications until the position is filled. The application package should include a cover letter, an up-to-date curriculum vitae, research and teaching statements, representative papers, and a graduate transcript. Applicants should also arrange for four letters of recommendation. At least one of the letters should include an evaluation of the applicant’s teaching ability. Application materials and letters of recommendation must be submitted in electronic form only; click on uncp.epeopleadmin.com/postings/127832 to apply for this position. At the time of application candidates will be required to identify the names, titles and email addresses of professional references (4 required). Reference providers identified by the applicant will be contacted via email with instructions for uploading their letters of support.

(13) University of Vermont, Department of Mathematics and Statistics: two assistant professor positions

The Department of Mathematics and Statistics at the University of Vermont (UVM) invites applicants for two tenure-track faculty positions at the rank of assistant professor to begin in August 2018. The Department is seeking applications from qualified individuals whose research complements that of the existing Statistics faculty and has relevance to biostatistics and bioinformatics. Successful candidates will be expected to undertake an active program of research that leads to publication and/or presentation in peer-reviewed scholarly outlets and, where available, to seek extramural funding for that research. In addition, successful candidates will be expected to teach, advise, and mentor undergraduate and graduate students when appropriate.

These positions provide outstanding opportunities for collaborative/interdisciplinary research with the Vermont Complex Systems Center, the UVM Transportation Research Center, the Vermont Advanced Computing Core, the Rubenstei School of Environment and Natural Resources, the Vermont Cancer Center and more broadly the Larner College of Medicine. Expertise of particular interest includes modeling and analysis of high-throughput –omics data, modeling and analysis of imaging data, clinical/biomedical applications of causal inference, interest and skills in statistical inference/analysis for massive or high-dimensional data, statistical genetics, and modeling and analysis of data derived from biological and social networks.

The applicant must have an earned doctoral degree in statistics, biostatistics or a closely related field, a strong research record, the ability to teach a variety of undergraduate and graduate statistics courses, and the potential to supervise graduate students.

The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and/or service. Applicants are requested to include in their cover letter information about how they will further this goal.
The applicant must submit a current curriculum vitae identifying her or his specific area of expertise, a
detailed statement of teaching philosophy, a detailed statement of research interests, and the names
and contact information of three references. All application materials must be submitted online at
http://www.uvmjobs.com, position number XX. Inquiries may be addressed to Bernard F. Cole, PhD,
Search Committee Chairperson (bernard.cole@uvm.edu). Applications will be accepted until the
position is filled; applications received by November 15, 2017, when reviews will begin, will receive full
consideration.

(14) University of Manitoba, Faculty of Science, Department of Statistics: assistant professor in statistics

The Department of Statistics invites applications for a full-time tenure-track position at the Assistant
Professor level, commencing July 1, 2018, or on a date mutually agreed upon. The Department seeks an
emerging scholar with a commitment to excellence in teaching and research. Outstanding candidates in
any area of Statistics will be considered, with particular emphasis on candidates who will complement or
extend the department’s strengths in actuarial science, quantitative risk management, time series and
stochastic calculus. The successful candidate will have a Ph.D. and preferably post-doctoral experience
or other distinguishing attributes in statistics, actuarial science or a related field. Duties will include
undergraduate teaching, graduate teaching and supervision, research, including the establishment of an
externally funded research program, and service-related activities. The successful candidate will have a
track record of high quality scholarly research leading to peer assessed publications; will either have, or
demonstrate the potential to establish, an independent, innovative, scholarly, externally fundable
research program; will have demonstrated strength in or strong potential for outstanding teaching
contributions; and will exhibit evidence of the ability to work in a collaborative environment. Salary will
be commensurate with experience and qualifications.

Applications including a curriculum vitae, a description of teaching philosophy (and evidence of high
quality teaching if available), a summary of research interests and a three-page research plan should be
sent to <stats_dept@umanitoba.ca> (PDF files preferred). Please ensure to specify position number
24530 in the application. The applicant should also arrange to have three reference letters be sent
directly to the above email address. For further information contact the Search Committee Chair at
<Liqun.Wang@umanitoba.ca>. The closing date for receipt of applications is November 20, 2017.
Application materials, including letters of reference, will be handled in accordance with the Freedom of
Information and Protection of Privacy Act. Please note that curricula vitae may be provided to
participating members of the search process.

(15) University of Utah School of Medicine: multiple positions

The University of Utah has positions for biostatisticians who work in in the areas of health
equity/disparities, tobacco prevention, and cessation, cancer prevention and control, health services
research, next generation primary care, life course epidemiology, occupational health, environmental
health, and global health.

There are multiple tenure track and research track positions available. Here are the links:
Tenure track: employment.utah.edu/salt-lake-city-ut/...
Research track: employment.utah.edu/salt-lake-city-ut/...
(16) Arizona State University, School of Mathematical and Statistical Sciences and Biodesign Center for Mechanisms of Evolution: tenure-eligible position in statistics

The School of Mathematical and Statistical Sciences (SoMSS) and the Biodesign Center for Mechanisms of Evolution (CME) at Arizona State University invite applications for one tenure-eligible position in statistics. Rank and tenure status will be commensurate with experience. Anticipated start date is Fall 2018. This position is jointly funded by SoMSS and CME with tenure home in SoMSS.

The essential duties of this position will be to conduct research on statistical theory, methodology, and applications in areas germane to the mechanistic processes underlying evolutionary change; publish in appropriate high-quality journals, develop proposals for extramural funding, both independently and collaboratively with the CME. The teaching load is anticipated to be one to two classes per year in advanced undergraduate or graduate statistics classes along with mentoring graduate students. In addition, appropriate professional service is expected.

Applicants are required to have a Ph.D. in statistics or a closely related area by August 10, 2018. Candidates must also have knowledge and experience in statistical applications to evolutionary and/or population-genetic mechanisms; strong research and teaching potential; desire and ability to work collaboratively in an interdisciplinary environment.

The desired qualifications include at least two years of postdoctoral experience; a documented record of published research in statistics with applications to evolutionary mechanisms; a documented history of grant support; a strong record of instruction and student mentoring, and demonstrated success working collaboratively with diverse student and/or faculty populations.

To apply, please submit the following through https://www.mathjobs.org/jobs/jobs/10819:

1. a cover letter that briefly explains the candidate’s interest in, and fit with, the position
2. a curriculum vitae
3. a personal statement addressing the candidate’s research program
4. a statement of teaching experience and philosophy
5. at least four letters of recommendation that must be submitted through mathjobs; one of these letters should address the candidate’s teaching qualifications

Informal inquiries may be sent to Dr. John Stufken (jstufken@asu.edu) in SoMSS or Dr. Michael Lynch (mlynch11@asu.edu) in CME.

The application deadline is 5:00 pm Arizona time on November 20, 2017; only applications that are complete by the deadline will be considered. If the position is not filled, remaining applications will be considered every two weeks thereafter until the search is closed. A background check is required for employment.

(17) Yale University School of Public Health: open rank position in climate change and health

The Yale Climate Change and Health Initiative at Yale School of Public Health (YSPH) has a tenure-track faculty position at the Assistant, Associate, or Full Professor level in the field of climate change and health. The successful candidate will serve as a core faculty member of the Yale Climate Change and Health Initiative, and will help shape this new initiative, which YSPH plans to build into a center. The full position description is attached to this message.
YSPH is searching broadly for a scholar who 1) is well-grounded in a relevant discipline; 2) applies his or her discipline to the study of climate change and health and related topics; and 3) has demonstrated capacity to bring together and work with investigators from other disciplines. The successful candidate’s department within YSPH will be determined based on his or her discipline and specific interests.

Please feel free to forward the position description to anyone whom you believe might be interested. We are particularly interested in learning of qualified candidates who are women and/or members of a minority group.

If you have any questions or would like further information, please contact climatechange.search@yale.edu.

(18) University of Central Florida: assistant or associate professor in faculty cluster for cyber security and privacy

The University of Central Florida (UCF) has established a focus area in cyber security and privacy, as one of several interdisciplinary clusters established to strengthen its academic offerings and research mission. In support of this effort, we are recruiting faculty in the broad area of cyber security and privacy. We plan to hire one tenure-track assistant or associate professor for the UCF cyber security and privacy cluster. This position has a start date of August 8, 2018.

This will be an interdisciplinary position that will be expected to strengthen both the cluster and a chosen tenure home department, as well as a possible combination of joint appointments. A strong advantage of this position is the ability of the candidate to choose a combination of units from the cluster for their appointment. (See http://www.ucf.edu/faculty/cluster/cyber-security-and-privacy/ for a complete list of all the units involved.) Both individual and interdisciplinary infrastructure and startup support will be provided with this new position.

The ideal junior candidates will have a strong background in cyber security and privacy, and be on an upward leadership trajectory in these areas. They will have research impact, as reflected in high-quality publications and the ability to build a well-funded research program. All relevant technical areas will be considered. We are looking for a team player who can help bring together current campus efforts in cyber security or privacy. In particular, we are looking for someone who will work at the intersection of several areas, such as: (a) hardware and IoT security, (b) explaining and predicting human behavior, creating policies, studying ethics, and ensuring privacy, (c) cryptography and theory of security or privacy, (d) tools, methods, training, and evaluation of human behavior, or (e) big data analytical methods, tools, training, and applications to analyze big and complex observational data.

Minimum qualifications include a Ph.D., terminal degree, or foreign degree equivalent from an accredited institution in an area appropriate to the cluster, and a record of high impact research related to cyber security and privacy, demonstrated by a strong scholarly and/or funding record. A history of working with teams, especially teams that span multiple disciplines, is a strongly preferred qualification. The position will carry a rank commensurate with the candidate’s prior experience and record.

We encourage you to learn more about UCF at http://www.ucf.edu/faculty.

Candidates must apply online at https://www.jobswithucf.com/postings/50404 and attach the following materials: a cover letter, curriculum vitae, teaching statement, research statement, and
contact information for three professional references. In the cover letter candidates must address their background in cyber security and privacy, and identify the department or departments for their potential tenure home and the joint appointments they would desire. When applying, have all documents ready so they can be attached at that time, as the system does not allow resubmittal to update applications.

For more information about these positions please contact the Cluster’s Search Committee Chair, Gary T. Leavens, at Leavens@ucf.edu.

(19) University of Southern California, Information Sciences Institute: postdoc position

The Information Sciences Institute at The University of Southern California in Marina Del Rey, California invites applications for a postdoc position starting immediately.
A major responsibility of the post-doc will be to work on a multi-year, multi-institutional and multi-disciplinary Hybrid Forecasting Competition, which endeavors to combine human judgment with machine-based predictions to generate timely and accurate forecasts about geopolitical events. A key component of the position will involve helping design and conduct experiments on various aspects of human-machine interactions. The successful candidate will also be responsible for managing interactions with the human participants. The position offers competitive compensation and benefits, in line with standards for computer science post-doctoral research fellows.

REQUIRED QUALIFICATIONS
- PhD in a psychology, behavioral science, cognitive science, statistics, operations research, data analytics, management, or other related disciplines.
- Experience with designing and conducting experimental research involving human subjects.
- Strong ability to communicate with other researchers and research participants.

PREFERRED QUALIFICATIONS
- Experience with human forecasting, machine learning, or decision theory.
- Familiarity with data science techniques.

To be considered for the position, please provide the following:
1) a detailed CV with publications and contact information for three references; and
2) a research statement outlining the candidate’s research, and interest in the position.

To be considered for this position, please submit your application by October 20 using the following link:
usccareers.usc.edu/job/marina-del-rey/...

(20) Boston University, Department of Biostatistics: postdoc position

The Department of Biostatistics is currently searching for a motivated individual to fill a two-year, renewable post-doctoral position to develop and implement advanced, innovative statistical methods for infectious diseases, specifically Tuberculosis (TB). The fellow will be mentored by Laura F. White and W. Evan Johnson. Opportunities exist to work with other faculty in the Biostatistics Department and Section on Infectious Diseases at Boston Medical Center, as well as throughout the School of Public Health.
The successful applicant is expected to have a strong quantitative background and good statistical computing skills. The applicant will have the opportunity to participate actively both in collaborative research projects and methodological research. The work will involve developing novel methods for understanding TB transmission, resistance, and epidemiology, as well as working with TB host and pathogen genomics data in a highly collaborative research setting. The position also has potential for teaching opportunities within the Department of Biostatistics for interested applicants. Successful applicants are highly motivated, dependable, and have excellent communication and writing skills.

Candidates should hold a PhD or equivalent doctoral degree in statistics, biostatistics, or mathematics. Applications will be considered until the position is filled. We offer competitive salary and benefits.

Interested applicants should send their curriculum vitae, a cover letter detailing research experience and potential mentors among the Biostatistics faculty, and contact information for three references to bio-recruit@bu.edu.

Funding opportunities and information

(1) NSF Director's notes
The monthly message from NSF Director France Córdova is available here:
http://mailchi.mp/science360/nsf-directors-notes...

(2) Call for Proposals: Institute for Research on Innovation and Science Researcher Awards
iris.isr.umich.edu/research-data/grants

The Institute for Research on Innovation and Science (IRIS) seeks to fund researchers who will use the IRIS data to address questions about the social and economic returns to investments in research. IRIS seeks to enable fundamental research on the results of public and private investments that support discovery, innovation, and education on the campuses of U.S. universities. We accomplish that goal by: (1) collecting and curating data from universities around the country; (2) cleaning, integrating and protecting that data in our capacity as an IRB approved data repository; (3) partnering with the U.S. Census Bureau to link university data to restricted federal micro-data; and, (4) making the resulting datasets as broadly available to research users as the law and responsible research practice allow. The IRIS dataset is available to researchers within the secure IRIS Virtual Data Enclave (VDE) environment. A mirror of this dataset with linkages to restricted Census data is available through the Federal Statistical Data Center (FSRDC) system (see here.) This dataset is comprised of two collections: (i) core files in which researchers find university financial and personnel administrative data pertaining to sponsored project expenditures at IRIS member universities during a given year; (ii) crosswalk files linking IRIS data to external datasets (e.g., publication, patent, federal award data) at the individual and award level.

Up to $15,000 for dissertation awards and up to $30,000 for early career and established researcher awards will be disbursed to the recipient's institution. Funds can be used for personnel (e.g., research assistance, salaries, or stipend if recipient is a student), equipment, supplies, travel (may include travel...
mandated by the award), and other expenses (e.g., professional development and training). Awards can include 15% overhead or indirect costs to be paid as a part of the award total.

Description of Eligible Research

Proposals submitted for IRIS Researcher Awards must emphasize the use of IRIS data in projects that address open issues in the study of science and technology and in science policy. Topics of particular interest include but will not be limited to: (1) new methods to estimate social and economic return on investment for funding from various sources (federal, philanthropic, industrial, and institutional); (2) studies about the relationship between research training, career outcomes and the downstream productivity of employers; (3) research on the relationship between different funding sources and mechanisms and the structure and outcomes of collaboration within and across campuses; (4) analyses of the distinctive contribution university research makes to regional economic development and resilience; and (5) examinations of the effects different funding sources and mechanisms have on research teams and the productivity and efficiency of the academic research enterprise as a whole.

Particular attention will be given to work that develops and tests strategies for using IRIS data to support causal claims. Creative instruments and other identification strategies that can be validated in these projects will enhance the value of IRIS data for the research community. We also seek projects that develop appropriate comparisons and counterfactuals for studies of academic research contributions to the social good and economic growth. To those ends, we hope to support projects that demonstrate the feasibility and value of new data assets that might be linked with IRIS data to further improve its utility.

Applicant Eligibility

Applicants do not need to be affiliated with a current IRIS member institution (see the list of IRIS members). However, applicants must be currently affiliated with an academic or research institution in the United States. Applicants may apply for one of three award categories, as follows:

- **Dissertation Award (up to $15,000)** – Applicant is currently a candidate in a doctoral program
- **Early Career Researcher Award (up to $30,000)** – Applicant received a Ph.D. within 10 years and has not obtained tenure
- **Established Researcher Award (up to $30,000)** – Applicant received a Ph.D. more than 10 years ago and/or has tenure

Application Process

A complete application must be submitted to IRIS no later than 11:59 p.m. EST on November 1, 2017, including an online application form, complete research proposal (as attachment), signed research proposal cover sheet (as attachment), bio sketch (as attachment) and a letter of recommendation for dissertation awards (as attachment). Please note that all applications, including attachments, must be submitted via the Online Application Form. A printable version of this form is available to view here: PDF Application Form.

Recipient’s Commitment

Recipients are required to attend a three day, face-to-face IRIS Data Camp in Ann Arbor, Michigan in February 2018 (exact dates TBD) where they will meet each other, share and discuss proposed projects
and take part in training designed to introduce them to the IRIS data, the VDE environment, and disclosure processes. Recipients will also agree to participate in subsequent annual meetings to present and discuss their work in progress, and participate in peer mentoring and a research community of IRIS data users throughout the year.

IRIS's Commitment

Beyond the financial award, IRIS provides a community for researchers as well as training and ongoing support. IRIS will also provide the opportunity for structured mentoring with an experienced researcher. Awarded researchers will receive access to the core IRIS data files in addition to the crosswalk files. These files are further described on the [IRIS website](https://iris.unl.edu). Please note that IRIS cannot give direct access to Census data.

*IRIS is grateful to the Alfred P. Sloan Foundation for making possible the funding of these awards.*

1. **NIH Request for Information (RFI): Important Considerations for Potential Creation of an Open-Access Nuclear Magnetic Resonance (NMR) Data Repository**
   - NIH Request for Information (RFI): Important Considerations for Potential Creation of an Open-Access Nuclear Magnetic Resonance (NMR) Data Repository
   - [NOT-AT-17-015](https://grants.nih.gov/grants/guide/rfat-17-015.html)
   - National Center for Complementary and Integrative Health

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**Workshops and Conferences**

1. **O-Bayes17 ISBA New Researcher Travel Award**

   Applications are invited for the ISBA New Researcher Travel Award and other opportunities for travel support for junior researchers for the upcoming International Workshop on Objective Bayes Methodology ("O-Bayes17") to be held in Austin, Texas, Su Dec 10 - We Dec 13
   - [https://sites.google.com/site/obayes2017/](https://sites.google.com/site/obayes2017/)

   O'Bayes is one of the longest running and preeminent meetings in Bayesian statistics, covering topics like robust, default Bayesian analysis, reproducibility, variable selection, big data and nonparametric Bayes.

   **Deadline for travel grant applications is Oct 1**, very soon! For details please see the menu item on the conference homepage.

2. **University of Florida Workshop on Semiparametric and Nonparametric Statistics in the Era of Big Data**

   Details at:
Call for Papers: 2018 Modern Modeling Methods Conference

The Modern Modeling Methods (M³) conference is an interdisciplinary conference designed to showcase the latest modeling methods and to present research related to these methodologies. The 8th annual M³ conference will be held May 21st-24th, 2018 at the University of Connecticut. Keynote speakers for the 2018 conference include Dr. Susan Murphy (Harvard University), Dr. Tenko Raykov (Michigan State University) and Dr. Peter Molenaar (Pennsylvania State University). In addition, Susan Murphy will offer a day long pre-conference workshop on Just In Time Adaptive Interventions on Monday, May 21st. Tenko Raykov will offer a post-conference workshop on Item Response Theory from a Latent Variable Modeling Perspective on Thursday, May 24th.

Submissions for the 2018 conference are due 2/1/18. We welcome both methodological research papers and papers that illustrate novel applications of methodological techniques in the area of modeling, broadly defined. Papers related to latent variable modeling, multilevel modeling, mixture modeling, longitudinal modeling, and item response theory are especially encouraged. Given the interdisciplinary focus of the conference, it is completely acceptable to present papers that have been published or presented elsewhere. Presenters may select the length of the session that they prefer: 30 minutes, 60 minutes, or 90 minutes. We also welcome proposals for multi-paper symposia on thematically grouped topics. Generally, symposia sessions are 90 minutes in length. We are also soliciting proposals for the poster session. Students are also encouraged to submit proposals, especially for the poster session.

Conference proposals for the Modern Modeling Methods conference may fall into one (or more) of four categories: Methodological Innovation, Methodological Application, Methodological Illustration, or Methodological Evaluation. Methodological Innovation proposals introduce a new technique. Methodological Evaluation proposals present the results of empirical research evaluating a methodology. Most often, these will involve simulation studies. Methodological Application proposals present the methods and results of a real research study in which the technique was used. Methodological Illustration proposals provide a pedagogical illustration of when and how to use the technique; these papers are designed to help the audience be able to implement the technique themselves.

There are three different types of presentations: Paper sessions (in which authors submit a single paper), Symposia (in which a group of authors submit a set of related talks/papers), and posters. All papers should include a 150-200 word abstract that will appear in the conference program. Methodological Research paper proposals should be no longer than 1000 words and should include purpose, background, methods, results, discussion, and significance. Methodological Illustration paper proposals should be no longer than 1,000 words and should include a description of the methodology to be illustrated as well as an outline of the paper/talk. Proposals for symposia should include titles, authors, an abstract for the symposium, and brief descriptions/abstracts for all of the paper presentations within the symposium. Symposium proposals may be longer than 1000 words if needed, but they should be less than 2000 words. Proposals for the poster session need only submit an abstract: the 1000 word proposal is not required for poster session proposals.

Proposals for the 2018 conference are due February 1st, 2018. Notifications of presentation status will be emailed by February 19th, 2018. To submit a conference proposal, please go to MMM2018. For

Awards

No new listings this week

Other opportunities or information

No new listings this week