Caucus of Academic Reps (CAR) Weekly Digest
September 7, 2017

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Positions

(1) **University of Pittsburgh, Department of Statistics: two Lecturer positions**

The University of Pittsburgh's Dietrich School of Arts and Sciences is seeking applications for two Lecturer positions in the Department of Statistics beginning September 2018, pending budgetary approval. Both positions are outside the tenure stream with the expectation of rolling multiyear contract renewals for successful lecturers.

Candidates should preferably have a PhD in statistics, biostatistics or related field and a demonstrated talent for teaching undergraduate statistics courses and possibly applied masters courses. Lecturers are involved in advising undergraduate students, mentoring graduate teaching assistants, course development, and other administrative and scientific activities for the department's functioning and growth. The candidate is expected to have knowledge about the breadth of statistics and its interface with other disciplines. There is the possibility that an applicant with 5 - 7 years of successful teaching experience as a full-time lecturer can be appointed as a Senior Lecturer. The normal teaching load is three courses in each semester. Reductions in teaching may be possible depending on the approved non-instructional activities supported by a lecturer.

The department currently has eight tenure-stream faculty and two senior lecturers. There are over forty graduate students and very active undergraduate majors and minors programs. The department has close ties to the Department of Biostatistics in the Graduate School of Public Health, the Department of Psychiatry in the School of Medicine, the Department of Industrial Engineering in the School of Engineering, and a number of departments within Arts and Sciences. The University of Pittsburgh has made a strategic commitment to furthering its research infrastructure for data science and also fostering its instruction programs in data science. The newly restructured School of Computing and Information and the Department of Statistics are collaborating in these developments. The University of Pittsburgh is ranked nationally as 9th in science and engineering research funding and 5th in NIH funding.

Additional information about the department can be found at [http://www.stat.pitt.edu/](http://www.stat.pitt.edu/). Informal inquiries about this position may be directed to Prof. Carl Bodenschatz at cboden@pitt.edu. Applicants should submit a detailed cover letter, a curriculum vitae, teaching materials, and three letters of reference. For
each reference, you will have the opportunity to input an email address, and an email notification will be sent to the designated address with instructions about uploading the letters to our system. Applicants can apply online at: facultysearch.as.pitt.edu/apply/index/MTkz. Review of applications will begin December 9, 2017 and continue until the position is filled.

(2) Texas Tech University Health Sciences Center: Faculty Positions in Biostatistics

The Division of Biostatistics and Epidemiology in the Department of Biomedical Sciences at the Texas Tech University Health Sciences Center El Paso Paul L. Foster School of Medicine invites applications for tenure-track faculty positions at the Assistant Professor level. We seek individuals with Ph.D., M.D.-Ph.D., or equivalent degrees with a record of accomplishment in biostatistics as applied to clinical or translational medicine, population health, epidemiology, and/or population genetics. We are particularly interested in individuals who are completing post-doctoral training and are looking for an initial faculty position.

Recruited faculty will be supported by generous start-up funds, a competitive salary, modern facilities, and administrative and infrastructural support. Successful candidates will be expected to develop and maintain rigorous research programs, to participate in collaborative research activities, and to contribute to graduate medical education. Faculty with clinical interests will be eligible for a secondary appointment in another department in the Paul L. Foster School of Medicine.

Minimum Qualifications: Ph.D. or M.D.-Ph.D. in Biostatistics or a closely related field.

Preferred Qualifications: Record of accomplishment in medically related research; experience in teaching biostatistics at the graduate level.

Required Attachments: CV (with complete list of peer-reviewed publications, grant support, knowledge in statistical software, and work experience); list of at least 3 professional references.

Interested candidates should apply online at http://careers.texastech.edu and reference requisition 11285BR. For further information, potential applicants may inquire confidentially with Peter Rotwein, M.D., Vice President for Research at Texas Tech University Health Sciences Center El Paso: peter.rotwein@ttuhsc.edu or 915-215-4910.

Positions will remain open until filled. Application review will begin immediately.

(3) University of Chicago, Department of Statistics: four positions

Associate Professor

The Department of Statistics at the University of Chicago invites applications from exceptionally qualified candidates for faculty positions at the rank of Associate Professor. We seek individuals with a doctoral degree in statistics, applied mathematics, or related disciplines who are several years beyond the Ph.D. and doing advanced research in one or several of these fields. It is expected that all successful applicants will be recognized leaders in their field and engage in interdisciplinary collaboration.

Appointments may be made jointly with another department in the University. A demonstrated research excellence appropriate to the rank is essential. Applicants will also be responsible for conducting graduate and undergraduate courses in statistics and applied mathematics and the academic advising of graduate students as requested.
Applicants must apply online at the University of Chicago's Academic Jobs website, http://tinyurl.com/yc46252w, and must upload a cover letter and curriculum vitae including a list of publications. You may also upload research and teaching statements as well as up to three relevant research publications, but they are not required. Review of applications will begin December 1, 2017, and will continue until all available positions are filled.

**Assistant Professor**

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 or in related fields. Applicants must have doctorates by the time of hire 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 http://tinyurl.com/y8kuy767 and must upload a cover letter and CV. Three letters of reference will be required. Referral letter submission information will be provided during the application process. 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, 2017, and continue until the position is filled or the search is closed.

**Assistant Professor**

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.

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. Appointments may be made jointly with another department in the University. 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 http://tinyurl.com/ya3dhjdk. To be considered an applicant, a cover letter, CV, and three letters of reference are required. Referral letter submission information will be provided during the application process. 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, 2017, and continue until all positions are filled or the search is closed.
Co-Director of Undergraduate Studies

The Department of Statistics at the University of Chicago invites applications for the position of Co-Director of Undergraduate Studies. The successful candidate will be responsible for coordination and continued development of the undergraduate program, for development of new curriculum, and expected to teach up to six 10-week undergraduate courses each year. Duties will include selection, supervision, training, and assessment of effectiveness of teaching assistants; development or deployment of learning technology in the department; primary responsibility, together with faculty, for advising undergraduates, focusing on students majoring in Statistics, on course selection in the Department. This appointment will be at the academic rank of Lecturer for an initial three-year term, with the possibility of reappointment.

At the time of appointment, the successful applicant must have completed all requirements for a PhD in Statistics or related field. Demonstrable broad knowledge of the field and outstanding effectiveness and competence in teaching at the undergraduate level are essential. Applications must include descriptions of previous experience in teaching and statistical research.

All applicants must apply through the University of Chicago’s Academic Jobs website at http://tinyurl.com/yctbhemm and must upload a cover letter describing past statistical teaching and research experience, a curriculum vitae, and a teaching statement. Optionally, teaching evaluations may be included. Three letters of reference will be required to be considered as an applicant. Referral letter submission information will be provided during the application submission process. Application screening will begin August 18, 2017, and will continue until the position is filled or the search is closed.

Requests for further information should be sent to search@galton.uchicago.edu.

(4) Louisiana State University Health Sciences Center: two assistant or associate professor tenure-track positions in biostatistics

The Biostatistics Program, School of Public Health, Louisiana State University Health Sciences Center at New Orleans (sph.lsuhsc.edu/) invites applications for two Assistant or Associate Professor tenure-track positions in Biostatistics,

Qualifications: A PhD in Biostatistics/Statistics is required. All areas of research in Statistics/Biostatistics will be considered.

Preferred Qualifications: Preference will be given to candidates with potential for or demonstrated track record in development of statistical methodology, and teaching experience. Candidates with biomedical/public health statistical consulting experience are strongly encouraged to apply. Experience or expertise in developing novel statistical methodologies; computational algorithms for the analysis of Big Data in biomedical, public health research, including large scale, complex social network & electronic medical record data for evaluation of public health risks/interventions, or high throughput sequencing data, neuro-imaging & real-time physiologic data. Faculty appointment level and salary will be commensurate with the candidate’s experience and qualifications.

These are 12-month tenure-track faculty appointments, starting from August 2018.
Applicants must apply electronically to: [lsuh.sc/jobs/?id=1626](http://lsuh.sc/jobs/?id=1626). Review of applications will begin on October 15, 2017. Applications will be accepted until the positions are filled.

**5) University of Iowa, Department of Statistics: Faculty Position in Computational Statistics**

The Department of Statistics and Actuarial Science at the University of Iowa invites applications for a tenure-track position in computational statistics at the rank of assistant professor starting August 15, 2018.

Applicants must complete a Ph.D. in statistics or a related area prior to August 15, 2018. Candidates must be free to assume the duties of this position and be legally able to work in the United States on that date. Excellent communications skills are essential.

Research interests in areas of computational statistics are desirable. These include visualization, algorithms, statistical informatics, machine learning, and many others. Successful applicants will show promise of excellence in scholarly research and teaching, as well as interest in research collaboration. Opportunities abound for interdisciplinary research in medicine and public health, economics, environmental sciences, engineering, law and justice, and other areas.

Candidates should submit applications online at [http://jobs.uiowa.edu/](http://jobs.uiowa.edu/). Refer to requisition #71519. To assure consideration, all application materials must be received by November 15, 2017. However, screening of applications will continue until the position is filled.

Applications should include the letter of interest, curriculum vitae, name and contact information of references, statement on research, statement on teaching, Ph.D. thesis abstract, publications, manuscripts in progress, and graduate transcripts. Three letters of reference should be sent directly to the search committee by the letter writers via email stat-searchcommittee@list.uiowa.edu. One letter must come from the academic advisor. Hard copy letters may be mailed to the following address, if necessary.

Faculty Search Committee  
Department of Statistics and Actuarial Science  
241 Schaeffer Hall  
University of Iowa  
Iowa City, IA 52242-1409

**6) Duke University, Department of Statistical Science: Professor of Practice**

The Department of Statistical Science at Duke University seeks to hire a Professor of the Practice. This position is focused upon teaching, is open rank, and has a three course per year teaching load. Details are available at

**Funding opportunities and information**

**BTS: Transforming Freight Flow Data Collection**

Closing date for applications: Sept 19, 2017
The Bureau of Transportation Statistics (BTS) requires technical support to transform methods that collect and estimate freight flow data. To remain effective in measuring nationwide goods movements, it is important that Commodity Flow Survey (CFS) data collection methods and the techniques used to develop its derivative product, the Freight Analysis Framework (FAF), be transformed to leverage the continuously improving data collection technologies, and the availability of administrative data and other alternative data sources. Furthermore, the transformation is necessary to capture the many changes in the transportation sector with respect to logistics and supply chain, such as the growing number of the third-party logistics providers, distribution centers, and electronic shopping.

(1) NIH: Limited Competition: A Data Resource for Analyzing Blood and Marrow Transplants (U24)

The purpose of this limited competition Funding Opportunity Announcement (FOA) is to solicit the Center for International Blood and Marrow Transplant Research (CIBMTR) a limited competition application for the continued support of the Data Resource for Analyzing Blood and Marrow Transplants program. The support for this FOA is to ensure the continued availability of the CIBMTR database as a resource to investigators, transplant physicians, and healthcare policy-makers.

Key Dates

- Posted Date August 15, 2017
- Open Date (Earliest Submission Date) September 26, 2017
- Letter of Intent Due Date(s) 30 days prior to the application due date
- Application Due Date(s) October 26, 2017, by 5:00 PM local time of applicant organization.

(2) NIH: 3 Data Coordinating Center RFA’s

- Limited Competition for the Continuation of the Drug Induced Liver Injury Network Data Coordinating Center (U24) (RFA-DK-17-510)
  National Institute of Diabetes and Digestive and Kidney Diseases
  Application Receipt Date(s): December 5, 2017, by 5:00 PM local time of applicant organization.
  All types of non-AIDS applications allowed for this funding opportunity announcement are due on this date. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

- Limited Competition for the Continuation of the Chronic Renal Insufficiency Cohort Scientific and Data Coordinating Center (U24) (RFA-DK-17-506)
  National Institute of Diabetes and Digestive and Kidney Diseases
  Application Receipt Date(s): October 26, 2017, by 5:00 PM local time of applicant organization.
All types of non-AIDS applications allowed for this funding opportunity announcement are due on this date.

- Limited Competition for Continuation of the Prospective Study of Chronic Kidney Disease in Children Data Coordinating Center (U24)  
  (RFA-DK-17-503)  
  National Institute of Diabetes and Digestive and Kidney Diseases  
  Eunice Kennedy Shriver National Institute of Child Health and Human Development  
  Application Receipt Date(s): November 3, 2017, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on this date. Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

(4) NIH RFI: Request for Information (RFI): Inviting Comments on the Environmental Influences on Child Health Outcomes (ECHO)-wide Cohort Data Collection Protocol

- Request for Information (RFI): Inviting Comments on the Environmental Influences on Child Health Outcomes (ECHO)-wide Cohort Data Collection Protocol  
  (NOT-OD-17-090)  
  National Institutes of Health

- Request for Information on Bioethics Issues in Cancer Research and Care  
  (NOT-CA-17-079)  
  National Cancer Institute

(5) NIH: Metabolomics Data

- National Metabolomics Data Repository (NMDR) (U2C)  
  (RFA-RM-17-011)  
  NIH Roadmap Initiatives  
  Application Receipt Date(s): October 20, 2017, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

- Metabolomic Data Analysis and Interpretation Tools (U01)  
  (RFA-RM-17-012)  
  NIH Roadmap Initiatives  
  Application Receipt Date(s): October 20, 2017, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on this date.

(6) NIH Request for Information (RFI): Pediatric research that All of Us may be uniquely positioned to enable  

(NOT-PM-17-004)
AHRQ Announces Interest in Innovative Methods Research to Increase the Utility of Systematic Reviews

Agency for Healthcare Research and Quality

NSF: Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)

NSF’s Directorate for Computer and Information Science and Engineering (CISE) initiated the National Network of Big Data Regional Innovation Hubs (BD Hubs) program in FY 2015. Four BD Hubs – Midwest, Northeast, South, and West – were established to foster multi-sector collaborations among academia, industry, and government, both nationally and internationally. These BD Hubs are serving a convening and coordinating role by bringing together a wide range ...
More at www.nsf.gov/funding/...

Workshops and Conferences

Biostatistics in the Modern Computing Era on Sep 28-30 in Milwaukee, WI

The Division of Biostatistics at the Medical College of Wisconsin announces a conference entitled "Biostatistics in the Modern Computing Era" co-sponsored by the Division, the ASA Section on Bayesian Statistical Science and the Wisconsin Chapter of the ASA. It will include invited presentations by leading statisticians from both the Bayesian and frequentist perspectives.

Presentations will focus on clinical trials, high-dimensional statistics, survival analysis, precision medicine and population health. A grant-writing workshop and a Bayesian additive regression trees short course will also be presented.

The conference will be held September 28-30, 2017 at the Medical College of Wisconsin in Milwaukee, WI. Travel awards may be available for PhD students and junior faculty.

The autumn weather in Milwaukee is historically very pleasant and enjoyable. Beer-making, bratwurst and Oktoberfest are great German traditions brought to Milwaukee and Wisconsin by waves of immigrants. There will be social events featuring beer, bratwurst and biostatistics hosted at idyllic beer gardens on the "cheese coast". The main event will include an exclusive Oktoberfest engagement of polka-palooza with The Polkaholics led by Dandy Don Hedeker with a guest appearance by fellow Imposterior Brad Carlin.

For more information www.mcw.edu/biostatmcw

To register www.mcw.edu/registration
(2) Registration for Jamaica Statistics Symposium and Pre-conference Workshop Series (JASSYM) 
2017 - Now open

Note: ASA is a sponsor of this conference.

THE JAMAICA STATISTICAL SOCIETY

invites you to its

3rd Biennial Jamaica Statistics Symposium and Pre-Conference Workshops 2017
under the theme
“Statistics for Success:
Ethics, Data Security and Quality”

OCTOBER 24-27, 2017
IN KINGSTON, JAMAICA

October 24-27, 2017
→ Workshops, feature lecture and feature presentations by experts in the field
→ Come learn about and share your experiences with
  • Best practices for safeguarding data quality
  • Data management plans
  • Best practices for analysing data
  • Best practices for data security
AND MUCH, MUCH MORE!!

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| Students (with ID) | REG: US$130 | EARLY: US$120 | US$73 | US$110 |

GROUP RATES & EARLY BIRD RATES (AUG. 15 - SEP. 29)

For further information, please contact the Jamaica Statistics Symposium Secretariat, UWI, Mona.
E-mail: jsbscennial.co@gmail.com
Telephone: 833 0603 or 977-6151-2 ext 227
(3) NASEM Webinar Series: Data Science Undergraduate Education

Join the National Academies of Sciences, Engineering, and Medicine for a webinar series on undergraduate data science education. Webinars will take place on **Tuesdays from 3-4pm ET** starting on September 12 and ending on November 14. See below for the list of dates and themes for each webinar.

This webinar series is part of an input-gathering initiative for a National Academies study on Envisioning the Data Science Discipline: The Undergraduate Perspective. Learn more about the study, read the interim report, and share your thoughts with the committee on the study webpage at [nas.edu/EnvisioningDS](http://nas.edu/EnvisioningDS).

Webinar speakers will be posted as they are confirmed on the [webinar series website](http://nas.edu/EnvisioningDS).

**Register to Attend Online**

Webinar Dates and Topics

- 9/12/17 - Building Data Acumen
- 9/19/17 - Incorporating Real-World Applications
- 9/26/17 - Faculty Training and Curriculum Development
- 10/3/17 - Communication Skills and Teamwork
- 10/10/17 - Inter-Departmental Collaboration and Institutional Organization
- 10/17/17 - Ethics
- 10/24/17 - Assessment and Evaluation for Data Science Programs
- 11/7/17 - Diversity, Inclusion, and Increasing Participation
- 11/14/17 - Two-Year Colleges and Institutional Partnerships

All webinars take place from 3-4pm ET.

(4) NASEM Colloquium on the Science of Science Communication III: Inspiring Novel Collaborations and Building Capacity

November 16-17, 2017  
[www.nasonline.org/sacklerscicomm](http://www.nasonline.org/sacklerscicomm)

Climate intervention… fracking… vaccines…human genome editing… artificial intelligence… with so many complex, important, and sometimes uncertain scientific issues facing our society, there has never been a more critical time to communicate effectively. The challenges facing scientists, professional communicators, and the interested public have resulted in a growing area of research—the science of science communication. The National Academy of Sciences is hosting its third Arthur M. Sackler Colloquium on this topic to advance a national dialogue.

Evolving from past colloquia, this Colloquium will focus on the consensus study report, *Communicating Science Effectively: A Research Agenda*, as a framework for advancing both research and practice in science communication. The Colloquium will explore ways to build capacity for and foster the use of
evidence-based strategies for engaging the public with science and ensuring its appropriate use. Additionally, this third Colloquium will tackle the tough and often overlooked organizational and infrastructure changes needed to make research-based communication the norm.

The National Academy of Sciences' Sackler Colloquium on the Science of Science Communication III is the premier gathering for researchers, practitioners, content experts, and philanthropists to come together to ensure that evidence-based science communication thrives. 

View the full agenda and register here.

Watch the video

Join the conversation online with #SacklerSciComm.

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**Awards**

**1) NSF Call for Nominations: Alan T. Waterman Award**

The National Science Foundation (NSF) is pleased to accept nominations for the 2018 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. We are 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 23, 2017. 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 or 703-292-8040 if you have any questions. You may also visit http://www.nsf.gov/od/waterman/waterman.jsp for more information. A PDF version of the call for nominations is available at https://www.nsf.gov/od/waterman/Flyer_2018.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.

(1) The "Practical Data Science for Stats" Collection

https://peerj.com/collections/50-practicaldatascistats/

The "Practical Data Science for Stats" Collection, edited by Jenny Bryan and Hadley Wickham contains preprints focusing on the practical side of data science workflows and statistical analysis.

There are many aspects of day-to-day analytical work that are almost absent from the conventional statistics literature and curriculum. And yet these activities account for a considerable share of the time and effort of data analysts and applied statisticians.

The goal of this collection is to increase the visibility and adoption of modern data analytical workflows.

We aim to facilitate the transfer of tools and frameworks

- between industry and academia
- between software engineering and Stats/CS
- across different domains

While these preprints have not been reviewed by PeerJ, they have been reviewed for content by the editors listed above and peers. We are making them available here at PeerJ to facilitate the broadest access possible. Versions of these articles are also under review for a special issue of The American Statistician, an established venue in the academic community for general-interest articles on statistical practice and teaching.