Caucus of Academic Reps (CAR) Weekly Digest
February 9, 2018

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(1) Purdue University, Department of Statistics: continuing lecturer positions

The Department of Statistics at Purdue University has two openings for Continuing Lecturers (non-tenure-track).

The positions are non-tenure track and renewable each year without constraint on the number of years served. Duties will include teaching, managing and developing curriculum for statistics courses at all undergraduate levels, and at introductory graduate levels. Information about the department is available at http://www.stat.purdue.edu.

Successful candidates will hold a Ph.D. in statistics or related field with at least two years of teaching experience (which may include teaching experience as a graduate student teacher), including experience with web-based teaching, statistical computer laboratories for students, and modern statistical software packages. These positions carry competitive salaries and benefits. Please visit http://www.stat.purdue.edu/hiring to apply.

The job announcement is posted here: http://www.stat.purdue.edu/news/2017/continuing_lecturers.html

(2) University of Wisconsin-Green Bay: tenure-track assistant professor of statistics

The University of Wisconsin-Green Bay is searching for a tenure-track Assistant Professor of Statistics beginning in fall 2018. The deadline to apply is Friday, March 9, 2018. Full details are available here: www.uwgb.edu/human-resources/employment/...

This position emphasizes teaching (usually three courses/semester, although some may be repeat sections), and includes courses ranging from introductory to upper-level applied and theoretical undergraduate statistics. A continued record of scholarly activity and institutional service is also a requirement of this position.

The university seeks candidates who have interest and experience in analyzing data related to the natural sciences (biology, environmental science, chemistry, geology, etc.), and familiarity with spatial analysis techniques is advantageous. Additional knowledge of actuarial science is not required, but considered a plus.

(3) University of Indianapolis, School of Business: assistant/associate professor of data analytics

The School of Business at the University of Indianapolis is currently experiencing growth in both its undergraduate and graduate business programs. The School seeks applicants for a tenure-track Assistant or Associate Professor of Data Analytics. This is a full-time, nine month faculty position with a start date of August 2018 or sooner if available.

Teaching requirements could consist of courses in information systems, applied analytics, data analytics, statistics and possibly other related fields at the undergraduate and Master’s levels, including a scheduled new Master’s program in Data Analytics. The normal teaching load is 24 semester hours per academic year. Successful candidates should also have demonstrated abilities toward scholarly activity.
in their fields at the Assistant level or a demonstrated record of scholarship for consideration at the Associate level. Service to the school, University and community are also requirements for the position. Business outreach efforts will also be involved with this position.

The ideal candidate would have PhD or DBA in a field related to Data Analytics, such as Information Systems or Applied Statistics. Preference will be given to candidates with the ability to teach and conduct research in the following areas: relational databases, SQL, big data, and Hadoop. Prior experience in applied consulting or work experience in the field is desirable. Preference will be given to candidates who have previous teaching experience. Qualified candidates with Master’s degrees will be considered, provided they have significant professional experience.

Apply electronically at hrjobs.uiindy.edu. Review of applications will begin immediately.

(4) Australian National University, School of Finance, Actuarial Studies and Statistics : post-doc

The ANU Research School of Finance, Actuarial Studies and Statistics (RSFAS) comprises a dynamic team of academics focused on achieving excellence in research and teaching. The School is currently seeking to appoint a Postdoctoral fellow (Academic Level A4) in the field of Interdisciplinary Statistical Science.

The successful candidate will be a recent PhD graduate in Statistics or a related field looking to further develop their research potential with leading academics. As well as advancing their own research agenda, the successful candidate will be involved 50% in a large, externally funded cross-disciplinary research project modelling the complex relations among environmental, financial, and well-being outcomes of sustainable farming practices in rural Australia.

Classification: Academic Level A
Salary package: $68,307 - $86,646 per annum plus up to 17% Superannuation
Terms: Fixed term contract, 3 years
Applications close: 04 Mar 2018 11:55:00 PM AUS Eastern Daylight Time

Full details at jobs.anu.edu.au/cw/en/job/518450/...
Enquiries: Dr Anton Westveld, anton.westveld@anu.edu.au

(5) Harvard Kennedy School: quantitative methods and digital learning position

The Harvard Kennedy School seeks candidates for a three-year lecturer position focusing on Quantitative Methods and Digital Learning. Responsibilities for this position include classroom teaching, the development of separate on-line modules for teaching degree program students, and developing methods for using digital tools for more effective classroom instruction. Preference will be given to candidates who combine technical expertise in quantitative methods with prior experience in curriculum development and on-line instruction. Information on this and other positions is available here: https://www.hks.harvard.edu/more/about-us/leadership-administration/academic-deans-office/faculty-recruitment

The mission of Harvard Kennedy School is to train enlightened public leaders and generate the ideas that provide solutions to the world's most challenging public problems. The school serves about 900
degree program students and about 3800 executive program participants each year. Applicants must be willing and able to successfully teach in two-year degree programs and our other teaching programs. The ability to convey conceptual as well as practical knowledge and commitment to the public service mission of Harvard Kennedy School are crucial.

Please submit application materials, including a cover letter, CV, relevant publications (if any), list of references and evidence of teaching potential to http://academicpositions.harvard.edu/postings/8096. Applications will be accepted beginning immediately and until the position is filled.

Funding opportunities and information

(1) 2018 Data Science Innovation Lab

Do you have junior faculty members (Assistant/Associate Professors) in your organization that would benefit from a novel, interdisciplinary opportunity to collaborate? Please encourage them to apply for the 2018 Data Science Innovation Lab: “The Mathematics of Single Cell Dynamics” taking place June 25th-29th, 2018 at the Riverhouse on the Deschutes in Bend, OR. The application deadline is Feb 28th, 2018 11:59PM Eastern Time, after which candidate selection process will commence, with final selection and notification of our 2018 Data Science Innovation Lab Fellows is intended by April 30th, 2018.

The intent of the 2018 Data Science Innovation Lab framework is to foster the formation of new interdisciplinary collaborations which will (but not be limited to) generate creative strategies for addressing challenges associated with the mathematical approaches towards quantifying single cell heterogeneity in situ and developing novel tools for visualization. Such challenges arise from multifaceted data structures like single cell high throughput data sets and spatio-temporal images, sparse or missing data, streaming of non-stationary time series data, the need for integration from multiple sources of data, cellular environment effects, perturbative single cell sampling, etc. This Data Science Innovation Lab is intended to bring together expertise from the mathematical, statistical, and biomedical fields, to address interdisciplinary topics in biomedical data science critical to the effective use of single cell multi-spatio-temporal data.

Early-career investigators (Assistant/Associate Professors) from a broad diversity of quantitative (Mathematics, Statistics, Biostatistics and Computer Science) and biomedical (behavioral, biology, biophysical, clinical science, ecology, and epidemiology ) disciplines are highly encouraged to apply. However, application to the event is open to any biomedical investigator who has research questions with an associated single cell big data challenge/acquisition or any quantitative investigator with relevant approaches and methodology to the analysis/quantification of single cell big data. Competitively selected participants will take part in this mentored, facilitated five-day residential workshop to form new interdisciplinary teams to tackle these data science challenges. At the end of the workshop, the teams will have developed the foundation for a novel research proposal suitable for submission to the NIH or NSF to compete for potential funding.

The 2018 Data Science Innovation Lab is being organized by the Big Data to Knowledge (BD2K) Training Coordination Center with the help of KnowInnovation, Inc. and is supported by the National Institutes of
Health and the National Science Foundation. For more information about the 2018 Data Science Innovation Lab and the application process, please visit the website http://bigdatau.org/innovationlab2018

Specific questions can be referred to bigdatau@ini.usc.edu

**2) ASA Committee for Funded Research Calls for Grant Review Panel Volunteers**

The ASA Committee for Funded Research has just issued a call for grant review panel volunteers: magazine.amstat.org/blog/2018/02/01/..., in response to a request from leadership of the National Institutes for Health (NIH) Center for Scientific Review (CSR). You can add your name or that of a colleague at this sign-up form.

The committee also release the following document to help newer and potential grant proposal reviewers: "Serving Effectively on Funding Review Panels: Advice for Statisticians New to the Process."

Please consider submitting your name, recommending a colleague, and spread the word about this great opportunity for the statistical community.

### Workshops and Conferences

**1) Registration / Abstract Submission OPEN for BAYES 2018: Bayesian Biostatistics Workshop - 20th – 22nd June 2018 @ Homerton College, Cambridge, UK**

Bayesian statistics is increasingly taking on a leading role in all areas of biomedical research, continually challenged by emerging questions in clinical medicine and public health.

This workshop will bring together scientists interested in the latest applications and methodological developments of Bayesian Biostatistics in trial designs, addressing the need for more efficient and flexible approaches to answer key clinical questions; and in the analysis of complex observational data, to enhance causal understanding of disease processes in support of personalised clinical care and public health policies.

The objective of the workshop is multifold:

- Promote Bayesian thinking and practice in biomedical sciences
- Present applied case studies in clinical and non-clinical settings
- Update delegates on new applications and methodological developments in Bayesian statistics in different areas of medicine and public health
- Offer opportunities for statisticians for reorientation within the changing environment of the bio-pharmaceutical world

Details at www.bayes-pharma.org

**2) CONFERENCE: Stepped Wedge Trial Design (EARLY BIRD DEADLINE 16 FEB 2018) + late breakers**

York Trials Unit is delighted to welcome practitioners, researchers and methodologists to York once again for the Second International Conference on Stepped Wedge Trial Design.
New this year, we offer a workshop on the first day (19th March), run by Dr Karla Hemming and Dr Monica Taljaard and we hope you will join us for the conference dinner at York's historic King's Manor that evening.

The keynote address will be given by Dr. Karla Hemming (University of Birmingham).

For further information and to book your place, please visit our website https://www.york.ac.uk/healthsciences/research/trials/sw2018/

Late breaker abstracts: 26th February 2018

(3) Abstract Deadline - 2018 International Total Survey Error Workshop

Reminder -- upcoming deadline (2/16): 2018 International Total Survey Error Workshop call for papers:

2018 International Total Survey Error Workshop (ITSEW)

The 2018 ITSEW will be held June 4-6 in Durham, North Carolina, hosted by the Duke Initiative on Survey Methodology and the Odum Institute for Research in Social Science at the University of North Carolina. The workshop will feature a keynote address by Dr. Roger Tourangeau, Vice President at Westat and past president of the American Association for Public Opinion Research (AAPOR).

ITSEW is aimed at statisticians, survey managers and methodologists, pollsters, public opinion researchers, and marketing research professionals focused on survey quality and the challenges of combined data products. Through presentations and exchange of information the workshop aims to support a better understanding of total survey error.

The theme of the 2018 workshop is "Approaches for Mitigating Total Survey Error (TSE) and Its Effects."

We welcome submission on any topic related to total survey error, but especially encourage contributions such as:

- Methods for combining and analyzing data from multiple sources;
- Adaptive design and data collection strategies;
- Approaches for minimizing TSE when using non-probability samples;
- Uses of administrative data to reduce TSE.

However, any and all topics related to TSE are welcome. If you would like to present research at the workshop, please submit an abstract by February 16, 2018 (max. 400 words).

Presentations on research still in progress are highly encouraged. Be prepared to share a (preliminary) paper prior to the workshop so that attendees can prepare for discussion. Applicants will be notified of the acceptance of their abstracts by mid-March.

For any questions, please email dism@duke.edu.

Information about the workshop can be found at https://dism.ssri.duke.edu/itsew-2018

To access a printable/shareable pdf with information about the workshop and a link to the abstract submission form, see dism.ssri.duke.edu/sites/dism.ssri.duke.edu/files/pdfs/...
(1) Nominations open for the International Prize in Statistics

Nominations are open for the second International Prize in Statistics. Information about criteria and how to submit nominations can be found here. Nominations will be accepted through August 15, 2018.

(2) 2018 Hahn Award nominations sought

Nominations are sought for the 2018 Gerald J. Hahn Q&P Achievement Award. This award recognizes an individual who has demonstrated outstanding and sustained achievement and leadership in developing, promoting, and successfully improving the quality and productivity of products and organizational performance using statistical concepts and methods over a period of 20 or more years.

Details can be found at the award page on the Q&P microsite. The deadline for nominations is March 9.

Past winners:
2017 Ronald J. Snee, Snee Associates
2016 Lynne B. Hare, Statistical Strategies
2015 William Q. Meeker, Iowa State University
2014 Michael S. Hamada, Los Alamos National Laboratory

The Hahn award winner is invited to present the Q&P plenary address at the Fall Technical Conference.

Other opportunities or information

(1) MSRI: REU opportunities for undergraduates (and other opportunities for grad students and post docs)

Dear Colleagues,

I am writing to ask if you would be willing to personally encourage 1 or 2 students to apply for MSRI-UP, the summer research program for undergraduates at MSRI in Berkeley, CA. I am directing the program in 2018 and David Uminsky (University of San Francisco) will be the Research Director, leading projects on "The Mathematics of Data Science".

We look for students who are very motivated and hard-working, and enjoy working intensely and collaborating with others. One explicit goal is to help build a more diverse mathematical community: over 85% of our alumni are members of underrepresented minority groups, over 45% are women, and over 50% come from institutions with limited research opportunities. Candidates do not need to have a stellar GPA, previous research experience, or extensive math coursework (linear algebra and proofs are sufficient; programming skills ideal but not required). We are looking for students with great potential for whom this experience will truly make a difference.

Many students in our target population don't necessarily know about REUs, don't believe that they are qualified for them, or don't know how to apply. This means we rely on (and are always very grateful for)
the recommendations of faculty like you. Could we ask you to reach out to a couple of students and encourage them to apply? I will also be happy to help them with any questions they might have about the application process.

Please note that applications received by February 15 will receive full consideration. (Applications submitted after February 15, 2018 but by March 1, 2018 may still be considered in a second round of acceptances.) We expect to begin making offers for participation in late February or early March.

All the information is available at http://www.msri.org/up and the application is at http://www.msri.org/msri_ups/882

Likewise, we invite nominations for the postdoc and graduate research assistant positions of MSRI-UP 2018. Spread the word or send us names of people and we will reach out to them.

Feel free to pass this message to colleagues within your networks.

Thank you!!

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