Table of Contents

Positions: (see all the latest jobs on the ASA Job Web)

1. Bureau of Justice Statistics: Visiting Fellows
2. Yale School of Medicine: Postdoctoral opportunity
3. Department of Biostatistics, Indiana University School of Medicine: Visiting Faculty Position
4. Department of Business Information and Analytics, University of Denver: Teaching Assistant Professor
5. National Agricultural Statistics Service (NASS): Two positions

Funding:

1. NSF: Partnerships for International Research and Education (PIRE)
2. Webinar for RFA-CA-15-006 (BD2K) Advancing Biomedical Science Using Crowdsourcing and Interactive Digital Media (UH2)

Other opportunities:

1. Chairs Workshop at JSM
2. Workshop: "Teaching the Process of Statistical Investigations with a Randomization-Based Curriculum"
3. Travel Awards for students to attend the First Latin American International Statistical Institute (ISI) Satellite Meeting on Small Area Estimation (SAE)
4. 7th International Workshop on Statistical Analysis of Neural Data (SAND7)
5. IISA Conference, Pune University
6. 2015 Northwestern-Duke Causal Inference Workshops: Main and Advanced

Positions

(1) Bureau of Justice Statistics: Visiting Fellows

The Bureau of Justice Statistics has posted a Request for Proposals (RFP) for Visiting Fellows (see go to 2015 Visiting Fellows: Criminal Justice Statistics Programs for the full solicitation).

There are five suggested topics in the Visiting Fellows RFP—
1. Examination of repeat victimization,
2. Enhanced investigations into the recidivism patterns of state prisoners,
3. Cybercrime statistics,
4. Secondary analysis of Prison Rape Elimination Act (PREA) data on substance abuse, and
5. Mobility patterns of state prisoners before and after their release from prison [using GIS].

For information on other types of funding from BJS, see: http://www.bjs.gov/index.cfm?ty=fun#322.

(2) **Yale School of Medicine: Postdoctoral opportunity**

This postdoctoral position up to 3 years dependent upon meeting timeline goals is to assist in methodological research specifically focuses on methods to develop individualized Absolute Risk calculators for competing patient-centered outcomes (PCO) (i.e. outcomes deemed important by patients) and patient reported outcomes (PRO) (i.e. outcomes patients report instead of physiologic test results). This position is to work under the supervision of Dr. Heather Allore, Director of the Biostatistics Core at the Yale Program on Aging. We posit that the heterogeneity of treatment effect on patients with multiple chronic conditions likely depends upon the patients' individual characteristics and coexisting conditions. The absolute risk of an outcome is the probability that a person receiving a given treatment will experience that outcome within a pre-defined interval of time, during which they are simultaneously at risk for other competing outcomes. This allows for determination of likelihood of a given outcomes with and without a treatment.

Candidates must have a thorough grasp of basic and advanced analyses, including competing risk, experience programming in SAS, and a doctoral degree in statistics, biostatistics, computer science or analytically related discipline. Experience with propensity scores, multiple imputation, simulations, and a track record of publications are desired. This is a three year position and salary will depend on qualifications and meeting timeline goals. Considerations of applications will continue until the position is filled.

This position would require SAS and web-based programming to create a methodology toolkit and dissemination via demonstration web application.

Qualification include a PhD or equivalent doctoral degree in analytic sciences with skills in data management, SAS programing, and web and application based programming.

Applicants should submit a cover letter, CV, and references to: Dr. Heather Allore Heather.Allore@yale.edu

Applicant may start as early as possible, and the position will remain open until filled.
Department of Biostatistics, Indiana University School of Medicine: Visiting Faculty Position

General Information: Department of Biostatistics is located on the health science campus of Indiana University, in the city of Indianapolis. The campus consists of four health-related professional schools, including Medicine, Nursing, Dentistry, and Public Health. It is the focal point of health science education at Indiana University, and the School of Medicine is the country’s second largest allopathic medical school.

The Department currently has 18 faculty members, 23 full-time PhD students and 30 professional staff. We are dedicated to excellence in statistical and collaborative research in the health sciences and in teaching. The Department has MS and PhD programs in Biostatistics, an extensive portfolio of research funding as principal investigators and co-investigators that includes collaborative research with all departments in the Schools of Medicine and Public Health as well as Dentistry and Nursing. Additional details about the Department are available on our web page: http://www.biostat.iupui.edu

Indianapolis consistently ranks high nationally on many of the "best places to live" lists and has an economy that is growing in the life sciences arena. In addition, it has always been one of the cities with the lowest cost of living. Carmel, Indy's northern neighbor, was recently named as the best mid-sized city in the country.

Position Title: Visiting Assistant or Associate Professor

Duties and Responsibilities: Department of Biostatistics, Indiana University School of Medicine invites applications for a non-tenure track visiting faculty position at the rank of Assistant or Associate Professor starting in the 2015-2016 academic year. The initial appointment will be for a two-year period. Duties and responsibilities include methodological research, teaching, and collaborative research. Successful candidates will have ample opportunities to participate in collaborative research projects, in diverse areas of clinical investigation, health services and outcomes research, as well as in medical informatics. While areas for methodological research are always determined by the candidate based on his/her own interest and training, our vibrant collaborative environment offers methodological challenges that stimulate innovative statistical ideas. Publications in peer-reviewed journals are expected. Teaching will be minimal, not more than one course per year.

Position Qualifications: Ph.D. degree in biostatistics or statistics is required. Successful candidates are expected to have excellent written and oral communication skills. Indiana University is an Equal Opportunity/ Affirmative Action employer. Applications from historically underrepresented group members, veterans, and persons with disabilities are encouraged.

Salary Range and Benefits: We offer competitive salaries to qualified candidates. The position will be eligible for basic benefit package, excluding retirement and paid family
leave. Department funds will be made available for professional travel and startup costs (computer, software, books, etc.) within University guidelines.

Application: The position is immediately open. The search will continue until the position is filled. Applications should include curriculum vitae, research and teaching statements, and contact information for three references. Electronic applications are preferred and should be sent to: biosfsrh@iu.edu. Applications may also be submitted by mail to: Faculty Search Committee, Department of Biostatistics, 410 West Tenth Street, Suite 3000, Indianapolis, Indiana 46202-3002. IUPUI is an EEO/AA employer, M/F/D.

(4) Department of Business Information and Analytics, University of Denver: Teaching Assistant Professor

The Department of Business Information and Analytics at the University of Denver is proud to announce a job search for a Teaching Assistant Professor starting in the fall of 2015. This is a non-tenure track teaching position with limited research responsibilities. If you or anyone you know is interested in such a position, please look over the details on the DU jobs website.

DU jobs Posting

(5) National Agricultural Statistics Service (NASS): Two positions

NASS is one of two statistical agencies in the U.S. Department of Agriculture and is the primary survey / data collection agency. The Agency designs and conducts a variety of surveys. Survey results are combined with other data, such as that from remote sensing and administrative records to provide forecasts and estimates of agricultural activity. NASS produces six of the principal federal economic indicators, and its estimates provide basic supply information for the commodity markets. Positions are in its Research and Development Division, which continually improves and enhances the methods underpinning the Agency’s estimates and forecasts, and the Methodology Division, which implements state-of-the-art designs in sampling, questionnaire design, and estimation for survey operations.

https://www.usajobs.gov/GetJob/ViewDetails/400981500

Questions? Please contact Linda.Young@nass.usda.gov.

(1) NSF: Partnerships for International Research and Education (PIRE)

Full Proposal Deadline Date: May 15, 2015
Partnerships for International Research and Education (PIRE) is an NSF-wide program that supports international activities across all NSF supported disciplines. The primary goal of PIRE is to support high quality projects in which advances in research and education could not occur without international collaboration. PIRE seeks to catalyze a higher level of international engagement in the U.S. science and engineering community.


(2) Webinar for RFA-CA-15-006 (BD2K) Advancing Biomedical Science Using Crowdsourcing and Interactive Digital Media (UH2)

The NIH recently issued the Funding Opportunity Announcement (FOA) RFA-CA-15-006 "Big Data to Knowledge (BD2K) Advancing Biomedical Science Using Crowdsourcing and Interactive Digital Media (UH2)." An applicant informational webinar will be held on April 29, 2015, from 2:00 p.m. to 3:00 p.m. (Eastern Daylight Time) to provide information about this FOA to assist prospective applicants. NIH staff will discuss the FOA’s goals and objectives, the review process, and address questions. The webinar is open to all prospective applicants, but participation in the webinar is not a prerequisite to applying.

To participate in the webinar use the information provided below

Webinar Site: https://cbiit.webex.com/cbiit/j.php?MTID=m54c569e33162c051a255238fbbd31b01
Meeting number: 733 334 360
Meeting Password: BigData1@

Please direct all inquiries to:
David J. Miller, Ph.D.
National Cancer Institute (NCI)
Telephone: 240-276-6210
Email: BD2K_targeted@mail.nih.gov

(digest continues on next page)
(1) Chairs Workshop at JSM

Dear Caucus of Academic Representatives,

The Ninth Workshop for Chairs of Programs in Statistics and Biostatistics will be held on Sunday, August 9, 2015 in Seattle. As in the past couple years, this workshop will meet at the site of JSM on Sunday morning from 8:30 to 1:30, and food will be provided. Details on registration—which is separate from JSM registration—and an agenda will be forthcoming.

Keep in mind that registration and housing for JSM open on April 30; for those planning to attend the workshop, arriving for JSM on Saturday or earlier may be the most viable option.

Best wishes,

Dave Hunter
Chair-elect of Caucus of Academic Representatives
Department of Statistics
Penn State University
Phone: (814) 865-1348
Fax: (814) 863-7114
www.stat.psu.edu/~dhunter

(2) Workshop: "Teaching the Process of Statistical Investigations with a Randomization-Based Curriculum"

Hollins University in Roanoke, Virginia on Tues July 14 - Fri July 17, 2015.

This workshop is being conducted as part of the PREP program of the Mathematical Association of America (MAA). The registration fee for the workshop is $325 before June 2, which includes meals and lodging. More information is available from a link at: http://www.maa.org/programs/faculty-and-departments/prep-workshops/schedule and a link to register is available at: https://www.signup4.net/Public/ap.aspx?EID=MAAP10E

Additional questions can be directed to Allan Rossman (arossman@calpoly.edu).
(3) Travel Awards for students to attend the First Latin American International Statistical Institute (ISI) Satellite Meeting on Small Area Estimation (SAE)

U.S. National Science Foundation (NSF) Travel Awards for Students in U.S. Institutions (pending final approval)

First Latin American International Statistical Institute (ISI) Satellite Meeting on Small Area Estimation (SAE), Santiago, Chile, August 3-5, 2015
http://www.encuestas.uc.cl/sae2015/

We are anticipating a limited number of travel awards ($1500 to $1800 each) to assist full time students currently enrolled in a graduate degree program in a U.S. institution to attend the ISI Satellite SAE Meeting that will be held August 3-5, 2015 in Santiago, Chile. For details please visit http://www.encuestas.uc.cl/sae2015/. The application can be obtained from:


Applications must be sent to Prof. Partha Lahiri, JPSM, University of Maryland, College Park, by email (plahiri@umd.edu) no later than May 15, 2015. Successful applicants will be required to present their work at the SAE 2015 meeting.

(4) 7th International Workshop on Statistical Analysis of Neural Data (SAND7)

The seventh international workshop on Statistical Analysis of Neural Data (SAND7) will take place May 27-29, 2015, in Pittsburgh, PA.

SOME TRAVEL SUPPORT REMAINS AVAILABLE

There will be talks by senior investigators and junior investigators.

http://sand.stat.cmu.edu

There will also be a poster session, to which all participants are invited to contribute. Talks and posters may involve new methodology, investigation of existing methods, or application of state-of-the-art analytical techniques.

Here are the confirmed keynote speakers:

Marlene Cohen (University of Pittsburgh)
Adrienne Fairhall (University of Washington)
Michael Miller (Johns Hopkins)
Mark Schnitzer (Stanford)
Sebastian Seung (Princeton)
Matt Wilson (MIT)
This workshop series is concerned with analysis of neural signals from various sources, including EEG, fMRI, MEG, 2-Photon, and extracellular recordings. It aims to define important problems in neuronal data analysis and useful strategies for attacking them; foster communication between experimental neuroscientists and those trained in statistical and computational methods encourage young researchers, including graduate students, to present their work; and expose young researchers to important challenges and opportunities in this interdisciplinary domain, while providing a small meeting atmosphere to facilitate the interaction of young researchers with senior colleagues.

The organizers are Emery Brown, Elizabeth Buffalo, Rob Kass, Liam Paninski, Sri Sarma and Jonathan Victor.

(5) IISA Conference, Pune University


Celebrating Statistical Innovation and Its Impact in a World of Big & Small Data

(Co-organizer: Department of Statistics, Savitribai Phule Pune University)

The 2015 IISA Conference will bring together statisticians worldwide from academia, industry, government, and research institutes to explore the latest developments and challenges in the era of big and small data. Recent advancements in the fields of Statistics, Biostatistics, and Probability will also be discussed. The Conference will be held at YASHADA Management Development Center, Pune, India.

See the http://iisaconference.info/ for additional details. Please stay tuned for more details.

(6) 2015 Northwestern-Duke Causal Inference Workshops: Main and Advanced

Northwestern University and Duke University are holding two workshops on Research Design for Causal Inference this year. They will run back-to-back at Northwestern Law School in downtown Chicago. We invite you to attend either or both. Apologies for the length of this message.

Main workshop : Monday – Friday, July 13-17, 2015

Advanced workshop : Sunday-Wednesday, July 19-22, 2015
Both workshops will be taught by world-class causal inference researchers. See below for details. Registration for each is limited to 100 participants.

(At April 17, 2015): The main workshop is approaching capacity for 2015. We have reserved a limited number of spaces for: (i) faculty; (ii) graduate students and post-docs who plan to attend both the main and advanced workshops; and (iii) graduate students and post-docs from outside the US. If you are not in one of these categories, please email Bernie Black, bblack@northwestern.edu to be added to the waiting list. In the past we have filled the main workshop quickly, so please register soon.

For information and to register:

http://www.law.northwestern.edu/research-faculty/conferences/causalinference/

Bernie Black [Northwestern, Law School and Kellogg School of Management]

Mat McCubbins [Duke, Political Science and Law]

Main Workshop Overview: Research design for causal inference is at the heart of a "credibility revolution" in empirical research. We will cover the design of true randomized experiments and contrast them to "natural" or "quasi" experiments and to "pure observational studies," where part of the sample is "treated" in some way, and the remainder is a control group, but the researcher controls neither the assignment of cases to treatment and control groups nor administration of the treatment. We will assess the causal inferences one can draw from a research design, threats to valid inference, and research designs that can mitigate those threats.

Most empirical methods courses survey a variety of methods. We will begin instead with the goal of causal inference, and emphasize how to design research to come closer to that goal. The methods are often adapted to a particular study. Some of the methods are covered in PhD programs, but rarely in depth, and rarely with a focus on causal inference and on which methods to use with messy, real-world datasets and limited sample sizes. Each day will include with a Stata "workshop" to illustrate selected methods with real data and Stata code.

Advanced Workshop Overview: The advanced workshop seeks to provide an in-depth discussion of selected topics that are beyond what we can cover in the main workshop. Principal topics for 2015 include: Day 1 (Sun.): Simulation and bootstrapping (for standard errors, confidence intervals, and p-values). Different bootstrap flavors and asymptotic refinement. Day 1 can be skipped without affecting the rest of the workshop. Day 2 (Mon.): Selected issues for non-linear models, including logit, probit, and count models. Using non-linear models with panel data. Day

Questions about the workshops: Please email Bernie Black (bblack@northwestern.edu) or Mat McCubbins (mathew.mccubbins@duke.edu) for substantive questions or fee waiver requests, and Michael Cooper (causalinference@law.northwestern.edu) for logistics and registration.