Table of Contents

Positions:

(1) **Department of Biostatistics and Informatics, Colorado School of Public Health:** Postdoctoral Fellow  
(2) **Department of Statistics, College of Science, University of Central Florida:** Chair  
(3) **Big Data Institute and the Department of Statistics, Fox School of Business, Temple University:** Postdoc for Big Data Analytics

Funding:

(1) **NIH:** multiple BD2K opportunities  
(2) **NSF Research Coordination Networks**  
(3) **NSF Dear Colleague Letter: SEES: Interactions of Food Systems with Water and Energy Systems**  
(4) **PCORI Improving Methods for Conducting Patient-Centered Outcomes Research**  
(5) **NIH "F" proposals (Training Fellowships)**

Other opportunities:

(1) [A Peek into the Largest, Fastest-Growing Undergraduate Statistics Departments](http://www.amstat.org/)  
(2) [Write for *Significance* magazine or the *Significance* Website](http://www.amstat.org/)  
(3) [International Conference on Robust Rank-Based and Nonparametric Methods](http://www.amstat.org/)  
(4) [American Association for Cancer Research (AACR) Methods in Cancer Biostatistics Workshop](http://www.amstat.org/)  
(5) [JSM travel awards sponsored by the ASA Quality and Productivity Section](http://www.amstat.org/)  
(6) [SAMSI Developing, Maintaining, and Employing Large Computational Frameworks for the Ecological Sciences Workshop](http://www.amstat.org/)
(1) Department of Biostatistics and Informatics, Colorado School of Public Health: Postdoctoral Fellow

The Colorado School of Public Health, Department of Biostatistics and Informatics, is seeking a post-doctoral fellow in Statistical Genomics and Bioinformatics. The focus of this position will be the development and implementation of statistical methods for the integration of 'omics data. The work will involve both methodological research and collaboration with biomedical investigators.

The fellow will be supervised by Dr. Katerina Kechris and will have the opportunity to interact with other statistical faculty in the program as well as collaborators at the University of Colorado Denver. For more details and submitting an application, please see: http://www.jobsatcu.com/postings/95567

(2) Department of Statistics, College of Science, University of Central Florida: Chair

The College of Sciences at the University of Central Florida invites applications for the position of Chair of the Department of Statistics effective fall 2015. The Department of Statistics (www.statistics.cos.ucf.edu) at UCF offers a BS in Statistics, a minor in Actuarial Science and a MS in Statistical Computing with a track in Data Mining. The Department currently has 11 faculty members, nearly 140 undergraduate majors and 48 graduate students. The Department is also actively recruiting additional tenure-track faculty members as part of a cluster of hires in interdisciplinary Big Data Analytics to start fall 2015 and is in the process of developing a Ph.D. degree program.

Applicants must have a Ph.D. in Statistics or a closely related field from a regionally accredited institution. Candidates must be qualified to be a tenured full professor in the Department of Statistics at UCF. Additional necessary qualifications include a strong research and teaching record, grant funding, excellent communication skills, and interest in interdisciplinary activities. Experience and demonstrated expertise in administration are preferred. The chair is responsible for overall departmental administration and reports to the Dean of the College of Sciences.

Applicants must apply online at https://www.jobswithucf.com. In addition to the application, you need to submit online a cover letter, curriculum vita, description of research achievements and interests, and the names and contact information of three professional references via the online system. Additionally, please arrange to have three letters of reference sent to Ms. Aida Encarnacion (Aida.Encarnacion@ucf.edu)
and indicate in the subject line “Statistics Chair Search.” Review of applications will begin immediately and continue until the position is filled.

For more information about this position please contact the Search Committee Chair, Dr. Xin Li, Chair of Mathematics, at Xin.Li@ucf.edu.

The University of Central Florida, located in Orlando, is the nation’s second largest university with over 60,000 students, offering 177 bachelor’s and master's degrees and 30 doctoral programs, and designated a “very high research activity” institution by the Carnegie Foundation.

UCF is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply, including minorities, women, veterans and individuals with disabilities. As a Florida public university, UCF makes all application materials and selection procedures available to the public upon request.

(3) Big Data Institute and the Department of Statistics, Fox School of Business, Temple University: Postdoc for Big Data Analytics

The Big Data Institute and the Department of Statistics in the Fox School of Business at Temple University invite applications for one or two postdoctoral research positions on big data analytics. The Department of Statistics at Temple University is a well-established research department with 18 full-time faculty members. The faculty work in many different areas of theory and application, including Bayesian/empirical Bayesian statistics, multiple testing, high-dimensional statistics, dimensionality reduction, machine learning, data mining, nonlinear manifold learning, stochastic networks, bioinformatics and biostatistics, time series analysis, nonparametric statistical methods, empirical likelihood, financial statistics and econometrics, and law and public policy. Publications include articles in top tier academic journals and books through major publishers. Many of the faculty are Fellows of the American Statistical Association, the Institute of Mathematical Statistics, and elected members of the International Statistical Institute; they have been awarded research grants from NSF, NIH, NSA, and NIJ; and they are or have served as editors and associate editors of major statistics journals. The Department also provides a research-enhancement service to the university research community through its very popular Center for Statistical Analysis. The Department has comprehensive Ph.D. and M.S. programs in Statistics.

Additional information is available from the university, college, institutes and department websites:

2. www.fox.temple.edu/bigdata

Position Title: Postdoc for Big Data Analytics. The Big Data Institute’s overall goal is to explore how large-scale data can transform organizations, markets, government, the
private and public sector, and society in general. The Institute and the Department of Statistics aim to advance scientific inquiry and academic scholarship on data science and data analytics, and it aims to serve as a bridge for translational science between academia, industry, and society with real-world applications.

Position Qualifications: We are seeking candidates who have a record of scholarship under the rubric of “big data” (e.g., database management, statistical analysis of large datasets including data mining, machine learning, pattern classification, network analysis and data visualization) who have the potential to work in an interdisciplinary team to publish in premier journals. Candidates should have excellent communication skills and they should be able to work with both academics and industry partners to engage in various big data projects. Candidates should be familiar with common computer science and statistics languages and software, such as SQL, R, Python, or SAS, and have firm knowledge of statistical theories and techniques associated with analyzing large data sets including data mining, pattern analysis, machine learning, Bayesian inference, and decision trees. Postdoctoral fellows are expected to collaborate with various faculty at the Big Data Institute, but they can also pursue their own independent research agenda.

Salary Range: Salary is competitive and commensurate with rank and qualifications.

Website: Click here

Application Information: Applications should include a cover letter and (a) full curriculum vitae, (b) a brief statement of research interests, (c) evidence of excellence in research, and (d) the names and contact info of three references. Please send all materials to: Dr. Paul A. Pavlou (Associate Dean of Research, Doctoral Programs, and Strategic Initiatives & Chief Research Officer, Fox School of Business, Temple University) at pavlou@temple.edu. We only review electronic submissions; please do not send paper applications.

Contact Email: tara.burns@temple.edu

Funding

(1) NIH: Multiple BD2K opportunities

From http://bd2k.nih.gov/funding_opportunities.html#sthash.vKHmtLNt.dpbs:

First Date is Opening date; 2nd date closing date

- Predoctoral Training in Biomedical Big Data Science (T32) RFA-HG-14-004
  6/28/14  7/28/2015
• **Revisions to Add Biomedical Big Data Training to Active Institutional Training Grants (T32)** RFA-HG-14-005 7/29/2016 Click here for Frequently Asked Questions

• **Revisions to Add Biomedical Big Data Training to Active NLM Institutional Training Grants in Biomedical Informatics (T15)** RFA-HG-14-006 6/28/2014 7/29/2016 Click here for Frequently Asked Questions

• **Mentored Career Development Award in Biomedical Big Data Science for Clinicians and Doctorally Prepared Scientists (K01)** RFA-HG-14-007 03/1/2014 04/2/2015 Click here for Frequently Asked Questions

• **Courses for Skills Development in Biomedical Big Data Science (R25)** RFA-HG-14-008 03/1/2014 04/2/2016 Click here for Frequently Asked Questions

• **Open Educational Resources for Biomedical Big Data (R25)** RFA-HG-14-009 03/1/2014 04/2/2016


• Career awards to support MDs, PhDs, and MD/PhDs to develop new methods and tools (RFA-HG-14-007)[http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-007.html](http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-007.html) 3/1/15 4/1/15

• Short courses to provide opportunities for individuals at all career levels to acquire new skills needed to utilize biomedical Big Data Science (RFA-HG-14-008)[http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-008.html](http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-008.html) 3/1/15 4/1/15

See more at: [http://bd2k.nih.gov/funding_opportunities.html#sthash.vKHmtLNt.dpuf](http://bd2k.nih.gov/funding_opportunities.html#sthash.vKHmtLNt.dpuf)

(2) NSF Research Coordination Networks

[http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11691&WT.mc_id=USNSF_39&W T.mc_ev=click](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11691&WT.mc_id=USNSF_39&W T.mc_ev=click); Deadline: March 2. "The goal of the RCN program is to advance a field or create new directions in research or education by supporting groups of investigators to communicate and coordinate their research, training and educational activities across disciplinary, organizational, geographic and international boundaries. RCN provides opportunities to foster new collaborations, including international partnerships, and address interdisciplinary topics. Innovative ideas for implementing novel networking strategies, collaborative technologies, and development of community standards for data and meta-data are especially encouraged. RCN awards are not meant to support existing networks; nor are they meant to support the activities of established collaborations. RCN awards do not support primary research. RCN supports the means by which investigators can share information and ideas, coordinate ongoing or planned research activities, foster synthesis and new collaborations, develop community standards, and in other ways advance science and education through communication and sharing of ideas."

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3. [Career awards to support MDs, PhDs, and MD/PhDs to develop new methods and tools (RFA-HG-14-007)](http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-007.html)
4. [Short courses to provide opportunities for individuals at all career levels to acquire new skills needed to utilize biomedical Big Data Science (RFA-HG-14-008)](http://grants.nih.gov/grants/guide/rfa-files/RFA-HG-14-008.html)

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**Note:** The links provided are for further information and may lead to external websites. Please ensure to review their terms and conditions before accessing any sensitive data or resources.
(3) NSF Dear Colleague Letter: SEES: Interactions of Food Systems with Water and Energy Systems


(4) PCORI PCORI Improving Methods for Conducting Patient-Centered Outcomes Research

(5) NIH NIH "F" proposals (Training Fellowships)

Other opportunities

(1) A Peek into the Largest, Fast-Growing Statistics Departments

In case you missed it in this month’s Amstat News, take a look at http://magazine.amstat.org/blog/2015/02/01/undergraduatedepts_feb2015/

(2) Write for Significance magazine or the website

A wonderful way to promote statistical literacy is to contribute content to Significance magazine and/or its website. Details about how to get involved are at http://www.statslife.org.uk/about-significance-magazine/get-involved-with-significance.

(3) International Conference on Robust Rank-Based and Nonparametric Methods, April 9-10, 2015

Conference website and registration information:
http://www.stat.wmich.edu/mckean/RBconf/

Keynote Speakers: Tom Hettmansperger (Penn State), Regina Liu (Rutgers), Hannu Oja (Turku), Simon Sheather (Texas A&M), and Doug Wolfe (Ohio State)

Five invited sessions: Three on Rank-Based Procedures Big Data Biostatistics See the web page for the list of Invited Speakers

Thursday night banquet: Part of the conference is the celebration of Joe McKean's 70th Birthday

Poster session: Students are encouraged to participate in the poster session

Co-Sponsors include: The American Statistical Association- Nonparametric Section of the American Statistical Association- See other co-sponsors at web site
(4) American Association for Cancer Research (AACR) Methods in Cancer Biostatistics Workshop

Applications for the 2015 AACR Methods in Cancer Biostatistics Workshop are due on Monday, February 16.

Information about this year's program and application process are available on the Workshop website: www.AACR.org/Biostats15.

(5) JSM travel awards sponsored by the ASA Quality and Productivity Section

The Q&P Section is offering up to three travel awards of $400 for students enrolled in a graduate program with a concentration in applied statistics and/or quality management for this year's JSM in Seattle. Applications should be sent to John Szarka (jszarka@wlgore.com) by the deadline of March 31, 2015. Additional information, including the application form can be found at the link below:

http://community.amstat.org/qp/scholarshipsawards/jsmstudenttravelawards

Please contact John directly if you have any questions.

(6) SAMSI Developing, Maintaining, and Employing Large Computational Frameworks for the Ecological Sciences Workshop

Applications are being accepted now for the Developing, Maintaining, and Employing Large Computational Frameworks for the Ecological Sciences Workshop April 13-17, 2015

Registration Deadline is March 9, 2015. This workshop will be held at SAMSI, Research Triangle Park, NC. For more information and to apply visit: http://www.samsi.info/frameworks

Workshop Organizers:
- Aron Ahmadia
- Matthew Farthing
- Eleanor Jenkins
- Chris Kees

Send questions to: eco@samsi.info