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(newsletter content begins on the next page)
(1) Natural and Mathematics Sciences Department, California Baptist University: tenure-track position in statistics

The Natural and Mathematical Sciences Department at California Baptist University invites applications for a full-time tenure track faculty position in statistics. Preference will be given to candidates who have completed a Ph.D. in statistics by August 2015 and have prior teaching experience. Though all areas of statistics will be considered, special consideration will be given to those with a background in biostatistics or actuarial science. Primary responsibilities include teaching undergraduate statistics courses to both majors and non-majors. Other duties include recruiting and advising undergraduate statistics majors, engaging with undergraduate statistics majors in original research or senior capstone projects, participation in departmental program assessment and curriculum development, and participation in other service to the university and department. Candidates must embrace the mission of California Baptist University, and evidence a clear understanding of, and commitment to, excellence in teaching through the integration of the Christian faith with learning.

Interested individuals may find more information at: [https://jobs.calbaptist.edu/postings/1318](https://jobs.calbaptist.edu/postings/1318)

(2) Division of Biostatistics, Dalla Lana School of Public Health, University of Toronto: tenure-track assistant/associate professor in biostatistics

The Dalla Lana School of Public Health (DLSPH) at the University of Toronto is seeking an outstanding candidate for a tenure-stream appointment within the Division of Biostatistics at the rank of Assistant or Associate Professor. The expected starting date is July 1, 2015.

Candidates must have a PhD or equivalent in biostatistics, statistics, or a related quantitative field by the date of appointment or shortly thereafter. Interests in the development of biostatistical methods, in applied collaborative research, and in graduate training and classroom teaching, are expected. Preference will be given to candidates whose core research in statistical methodology is accompanied by evidence of well developed collaborative applications. Evidence of excellence in teaching and research is required. Individuals from all areas of biostatistics are encouraged to apply. Salary and rank will be commensurate with qualifications and experience.

The Dalla Lana School of Public Health, which began as one of four Rockefeller Foundation-supported Schools of Hygiene in 1927 and in 2013 became a standalone faculty of Public Health, is a regional and global leader in public health education, research and service, with the largest concentrations of academic population and public health researchers in Canada. The DLSPH has recently begun an ambitious program of
expansion and new initiatives in the health of cities and communities, global health equity and innovation, and the integration of public health with primary care, with scholarship in biostatistics playing a key role. Details can be found at the DLSPH website (http://www.dlsph.utoronto.ca/).

All qualified candidates are invited to apply online at the University of Toronto Academic Opportunities (http://uoft.me/1402340). Applications should include a cover letter, curriculum vitae, teaching dossier (including a statement of teaching philosophy), and a statement outlining current and future research interests. Applicants should also arrange for three reference letters to be sent directly to Melodie Buhagiar at acadsearch.dlsph@utoronto.ca.

Applications received on or before January 23, 2015 will be considered first, and reviews of subsequent applications will continue until the position is filled.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

(3) Department of Biostatistics and Bioinformatics, Rollins School of Public Health, Emory University: Postdoctoral Fellow

Duties & Responsibilities: We seek a postdoc fellow to engage in a multi-year project sponsored by National Institutes of Health. The fellow is expected to work in the research group headed by Drs. Ying Guo and Jian Kang. The position is open until it is filled. The fellow will participate in research activities such as development of statistical methodology, computational tools, and algorithms for the analysis of multi-dimensional data from neuroimaging studies on mental health.

Position Qualifications: Candidates must hold a PhD, or equivalent, in statistics/biostatistics or relevant areas. Desired skills include proficiency in statistical computing (with Matlab, R, C/C++), and expertise in some of the following areas: (1) high dimensional data methods; (2) neuroimaging data methods; (3) Bayesian methods; and (4) data mining.

Application Address: Email CV, three letters of reference, and a research statement to Mr. Bob Waggoner (rwaggon@emory.edu).

Application Deadline: Until Position is Filled
(4) College of Engineering, University of Oklahoma: assistant professor of data science and analytics

The College of Engineering at the University of Oklahoma invites applicants for a tenure track faculty at the rank of an assistant professor for a position serving our newly created interdisciplinary graduate program in Data Science and Analytics. The School of Computer Science and the School of Industrial and Systems Engineering within the College of Engineering have collaborated to develop this graduate program in both traditional and online formats. The faculty position’s home department will be based on the academic qualifications of the successful candidate.

Applicants should hold a Ph.D. in Computer Science, Industrial and Systems Engineering, or related areas. Candidates should have demonstrated potential for outstanding research in data science and analytics and have ability to teach courses in these areas at all levels, including advising M.S and Ph.D. students. Applicants with experience working with industry in the areas of data science and analytics will be highly considered.

Completed applications should be sent to Professor Sridhar Radhakrishnan, Chair of the Search Committee, Sridhar@ou.edu. The application package should include 1) a single page cover letter explaining your interest in this program, 2) a curriculum vitae, 3) teaching and research statements, 4) 1-2 papers that best represent research contributions and scholarship, and 5) a list of at least three references.

The University of Oklahoma is a comprehensive research university located in Norman, Oklahoma and is classified by the Carnegie Foundation as a Very High Research institution, placing it in the highest tier of research universities in the nation.

Additional information about the School of Computer Science and the School of Industrial and Systems Engineering can be found at http://cs.ou.edu and http://ise.ou.edu, respectively.

Review of applications will begin December 1, 2014, and continue until the position is filled. The University of Oklahoma is committed to a pluralistic campus community through affirmative action and equal opportunity. Protected veterans and individuals with disabilities are encouraged to apply.

(5) ACCORD Center and School of Medicine, University of Colorado Denver: assistant professor tenure track

The ACCORDS Center in conjunction with the School of Medicine has an opening for a permanent full-time research track Assistant Professor. ACCORDS – Adult and Child Center for Health Outcomes Research and Delivery Science-is the umbrella structure supporting the existing adult outcomes program and the pediatric program. ACCORDS, formerly known as Colorado Health Outcomes Program (COHO) and the Children’s
Outcomes Research Program (COR) are highly collaborative programs that have shared administrative infrastructure, key personnel and methodological cores for the past 10 years. ACCORDS serves as a center for health care professionals, researchers and analysts from across the University and the CCTSI to pool skills and talents to pursue health outcomes research and education. In addition, ACCORDS fosters strong research and educational collaborations with external partners including Denver Health, Kaiser Permanente, the Colorado Department of Public Health and the Environment and other health care delivery systems and many community organizations. ACCORDS has programs in Dissemination and Implementation Science, Education, and Community Engagement and Outreach, as well as Methodological Cores in Qualitative Science, Practice-based Research Networks (PBRNs), Biostatistics for Health Services Research, Analytic, and Health Information Technology (HIT) and mobile health.

The position will require collaborative research with health outcomes researchers, original research in health services, and/or biostatistical methodology, along with teaching in the ACCORDS sponsored fellowships. Opportunities exist for involvement and leadership in ACCORDS, and for collaborative work in health outcomes research, but all areas will be considered. The Center includes over 70 faculty members based in several academic departments and at affiliated institutions.

The position requires formal training and experience in biostatistics. A PhD/DSc/DrPH in Biostatistics or related areas of graduate level training is required. Previous experience or training as a statistical consultant and collaborator is desirable.

This position will report to the Director of the Biostatistics Core in ACCORDS. An Assistant Research Professor will work, in large part, independently and be responsible for identifying and managing funding opportunities for themselves and their more junior research support colleagues. The Assistant Research Professor is expected to pursue collaborations in his/her own areas of scientific interest by independently partnering with particular units and colleagues of similar interests. The biostatistics faculty in ACCORDS as well as the Department of Biostatistics and Informatics are available for mentorship and guidance.

This position can have supervisory responsibilities with early-career research instructors, PRAs, or graduate research assistants seeking MS or PhD degrees.

Examples of Work Performed

- Participate in collaborative research, including grant and paper writing, developing analytic plans, supervising Masters’ level data analysts.
- Teach and mentor Fellows and junior faculty in ACCORD programs.
- Develop his or her applied biostatistical methods research in their focused area of interest, eventually seeking funding for that research whenever possible.

Candidate will have:
• Strong interpersonal skills with demonstrated ability to work well with a wide range of personalities and internal motivation with the ability to work both independently and in cooperation with an interdisciplinary team.
• Expertise in study design, study oversight, data management and analysis and grant and manuscript preparation.
• Experience in conducting independent and collaborative applied biostatistics methods and/or health services research and developing presentations, lectures and short courses on biostatistics/research methodology for junior biomedical scientists.

Minimum Requirements: This position requires a PhD/ScD/DrPH in Biostatistics, Statistics, or related field with demonstrated ability to: Write methods sections for federally funded grants, write methods sections for manuscripts, work as a biostatistician collaborator within biomedical outcomes/health services research, teach biostatistics and research methodology to research fellows, and conduct independent and collaborative biostatistics methods and/or health services research.

Preference will be given to applicants who have demonstrated a record of collaboration, teaching experience and a record of publications in biostatistical methods journals. We invite applications in all areas of specialization in biostatistics and areas of possible collaborations in health sciences research. We are particularly interested in expertise in pragmatic trial design including cluster randomized trials, advanced techniques to address confounding in observational studies and structural equation modeling.

(6) Business Analytics Discipline, University of Sydney: lecturer/senior lecturer

The Business Analytics Discipline at the University of Sydney are currently seeking to appoint a permanent, full-time Lecturer/Senior Lecturer (Academic Level B/C) in Business Analytics, with expertise in statistical learning, machine learning, data mining, data science, analytic methods for big data, or a related field.

In this position you will:
• make a contribution to the research strengths of the school, including the pursuit of research grants and regular publication in journals of high standing
• teach at undergraduate and postgraduate level to culturally-diverse cohorts, and develop curriculum
• supervise research higher degree students
• be involved in interdisciplinary collaborations within the University and with external stakeholders
• contribute to academic administration.

To be successful in this role you will need:
• the completion of a PhD in Statistical Learning, Data Mining, Machine Learning, Data Science, Business Analytics or a related discipline
• evidence of ability, or potential, to conduct high quality teaching in Statistics, Data Science and/or Business Analytics units, at undergraduate or postgraduate level
• evidence of ability, or potential, to achieve research outcomes and publish in high quality international referred publications
• evidence of ability, or potential, to attract research funding
• evidence of successful teamwork and a collegial approach.

There are also desirable criteria for appointment at each level.

To be considered for this position it is essential that you address the online selection criteria. For guidance on how to apply visit: How to apply for an advertised position.

Remuneration package Lecturer: $110K - $131K p.a. (which includes a base salary Level B $93K - $111K p.a., leave loading and up to 17% employer's contribution to superannuation).

Remuneration package Senior Lecturer: $135K - $156K p.a. (which includes a base salary Level C $114K - $132K p.a., leave loading and up to 17% employer's contribution to superannuation).

A salary supplement may be negotiated with a successful applicant.

Specific enquiries about the role can be directed to Professor Richard Gerlach on +61 2 9351 9344 or email richard.gerlach@sydney.edu.au

Enquiries regarding the recruitment process can be directed to Emma Treacy-Matunga on +61 2 8627 1236 or email emma.treacy-matunga@sydney.edu.au

CLOSING DATE: 25 January 2015 (11.30pm Sydney time)

The link to the ad on the University website is here: lecturer/senior lecturer position ad

(7) Department of Biostatistics and Computational Biology, University of Rochester: tenure track faculty position (open rank)

The Department of Biostatistics and Computational Biology (DBCB) at the University of Rochester invites applications for an open rank tenure-track position. The successful candidate will be expected to have developed an active program in methodological research, contribute to our Ph.D. program through teaching and advising graduate students, and have a major role in collaborative research with the Department of Neurology and the Center for Human Experimental Therapeutics (CHET). A key component of this position will involve working with investigators throughout North America in the design and analysis of high profile clinical trials in neurological disorders; we are especially interested in applicants that have a track record of relevant
methodological and collaborative clinical research, particularly in the area of early phase clinical trials.

DBCB, Neurology and CHET have a long-standing collaborative relationship with each other; faculty play leadership roles in national and international groups conducting multi-center clinical trials and epidemiological studies in Parkinson's disease, Huntington's disease, and other neurologic disorders. Opportunities to interact with other internationally renowned, well-funded research groups, such as the Heart Research Follow-up Program, are available.

A cover letter, CV, and 3 letters of reference should be sent to:

Open Rank Faculty Position  
c/o Malora Zavaglia  
University of Rochester Medical Center  
Department of Biostatistics & Computational Biology  
601 Elmwood Avenue, Box 630  
Rochester, NY 14642

Please direct inquiries about this position to Robert Strawderman (DBCB Department Chair) by email: robert_strawderman@urmc.rochester.edu.

The University of Rochester is an Affirmative Action, Equal Opportunity institution.

(8) Statistics Department, Örebro University School of Business, Sweden: senior lecturer in Statistics with 50% research time the first two years.

Örebro University School of Business is host to the statistics department at Örebro University and offers statistics courses and programmes on the undergraduate, Master's and doctoral levels. In addition to the Bachelor's degree programme in statistics, the department also offers courses on the Programme for Business and Economics and several social science programmes as well as on programmes within health sciences, science and engineering. On the Master's level, two-year programmes are offered in statistics as well as in economics and econometrics - the latter in collaboration with the economics department. On the Master's programmes, the language of tuition is English and students are recruited internationally. Five PhD students are currently enrolled on the doctoral programme.

Research at the department is primarily focused on econometrics and survey methodology and is carried out with close links to applied fields. There is for instance collaboration with Statistics Sweden and with the economics department at Örebro.

The duties of a senior lecturer may involve teaching at all levels of study. The languages of instruction are Swedish as well as English. Moreover, duties include research, development work, administrative duties and third-stream activities, in terms
of connecting and interacting with the wider community. During the first two years, the position entails a scope for research equivalent to 50 per cent of full-time working hours.


See [http://www.oru.se/English/About-the-University/Vacancies/](http://www.oru.se/English/About-the-University/Vacancies/) for additional information and the on-line application.

**Funding**

(1) NIH: Family and Interpersonal Relationships in an Aging Context (R01)


This Funding Opportunity Announcement (FOA) encourages innovative, hypothesis-driven R01 research grant applications that can expand understanding of the role and impact of families and interpersonal relationships on health and well-being in midlife and older age.

Open Date (Earliest Submission Date) January 5, 2015

Letter of Intent Due Date(s) Not Applicable

Application Due Date(s) Standard dates apply, 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.

AIDS Application Due Date(s) Standard AIDS dates apply, by 5:00 PM local time of applicant organization. All types of AIDS and AIDS-related applications allowed for this funding opportunity announcement are due on these dates.

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.

(2) NIH: Systems Science and Health in the Behavioral and Social Sciences (R21)


This FOA encourages R21 applications that apply system science approaches such as system dynamic modeling, agent-based modeling, social network analysis, discrete event analysis, and Markov modeling to better understand complex and dynamic behavioral and social sciences processes and problems relevant to health. Research
projects applicable to this FOA are those that are either applied or basic in nature (including methodological development), have a human behavioral and/or social science focus, and employ systems science methodologies, a suite of methods suited to addressing the complexity inherent in behavioral and social phenomena. This FOA will utilize the R21 funding mechanism. A companion FOA entitled, Systems Science and Health in the Behavioral and Social Sciences (R01) will be issued in parallel and will utilize the R01 funding mechanism (See PAR-15-048).

The evolution and vitality of the biomedical sciences require a constant infusion of new ideas, techniques, and points of view. These may differ substantially from current thinking or practice and may not yet be supported by substantial preliminary data. By using the R21 mechanism, the NIH seeks to foster the introduction of novel scientific ideas, model systems, tools, agents, targets, and technologies that have the potential to substantially advance biomedical research.

This FOA is intended to increase the breadth and scope of topics that can be addressed with systems science methodologies. This FOA calls for research projects that are applied and/or basic in nature (including methodological and measurement development), have a human behavioral and/or social science focus, and employ methodologies suited to addressing the complexity inherent in behavioral and social phenomena, referred to as systems science methodologies. Additionally, this FOA seeks to promote interdisciplinary collaboration among health researchers and experts in computational approaches to further the development of modeling- and simulation-based systems science methodologies and their application to important public health challenges.


Open Date (Earliest Submission Date) January 16, 2015

Letter of Intent Due Date(s) 30 days prior to application receipt date

Application Due Date(s) Standard dates apply, 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.

Other opportunities

(1) Statistics Initiative of the National Math Alliance

The National Alliance for Doctoral Studies in the Mathematical Sciences is a community of undergraduate and graduate mentors who work together to promote the successful transition of U.S. students, especially those from underrepresented groups, from college
to graduate studies in the mathematical and statistical sciences. The Alliance began in 2001 and currently includes over 400 mentors and 700 undergraduate students.

The Alliance Statistics Initiative was formed to achieve the following goals:

- Inform Alliance undergraduate mentors of opportunities for graduate study and careers in the statistical sciences;
- Share best practices and promote a change of culture among graduate programs in the statistical sciences that is more supportive of U.S. students, including underrepresented minorities;
- Increase the number of statistical sciences graduate programs (called Graduate Program Groups or GPGs) in the Alliance.

GPGs are invited to recruit top undergraduate students and to network with their mentors at the annual Field of Dreams Conference; the 2014 conference hosted close to 200 U.S. undergraduates who were applying to math, statistics and biostatistics Ph.D. programs. GPGs are also welcome to participate in other workshops and programs sponsored by the Alliance.

The Alliance leadership is actively seeking more GPGs in the statistical sciences. For additional information about the Alliance Statistics Initiative and the process to become a GPG, contact Leslie McClure (lmcclure@uab.edu), Snehalata Hurzurbazar (Lata@uwyo.edu) or Kim Weems (ksweems@ncsu.edu).

(2) Three Day workshop in Complex Survey Data Analysis with SUDAAN and the SAS Survey Procedures March 11-13, 2015, Atlanta, GA

Instructor: Donna Brogan, PhD
Emerita Professor in Biostatistics
Rollins School of Public Health, Emory University
http://cfusion.sph.emory.edu/Faculty/Profile.cfm?Network_ID=DBROGAN&DEPT=BIOS

Location:
Rollins School of Public Health, Emory University
1518 Clifton Road
Grace Crum Rollins Building,
Atlanta, GA 30322

Registration Fee: $1000
Health researchers in academia, all levels of government, and business frequently need to conduct secondary analyses of publically available datasets from U.S. national and state health surveys that use probability sampling. However, training in this statistical specialty is not routinely included in public health degree programs. Health survey data (e.g. NHIS, NHANES, and BRFSS) obtained from probability sampling typically are stratified, clustered and weighted in accordance with the complex sampling plan that was used. Specialized survey software packages that recognize these design features must be used for valid statistical analyses and appropriate statistical inferences.

Researchers in disciplines other than health face the same issue with publically released complex survey data available in agriculture, manufacturing, economics, crime, housing, transportation, and education.

Overall Workshop Learning Objectives

- Program SUDAAN and the SAS survey procedures for descriptive, analytical and statistical modeling analyses of complex survey data, and
- Interpret the analysis results. Instructor will present prototype statistical analyses using data from the 2013 National Health Interview Survey (NHIS), and participants will conduct and interpret new NHIS analyses in computer lab exercises. Participants will learn how to transfer their learned skills using the NHIS dataset to other complex survey datasets.

Workshop Prerequisites

- Intermediate or advanced background/experience in both statistical methods and epidemiological methods, including linear and logistic regression.
- Experience using SAS for data Management and SAS STAT PROCs for statistical analysis of data from simple random samples.
- Some experience with probability sampling methods.
- Some experience with linear contrasts and simple linear (matrix) algebra.

Register:


(3) SAMSI Workshop: Discovering Patterns in Human Microbiome Data (HMD)
Workshop March 16-18, 2015

This workshop will be held at SAMSI in Research Triangle Park, N.C. Visit the workshop web page for more information and to apply: http://www.samsi.info/HMD
Dear Colleagues,

I am writing to ask for your help in identifying early career scientists to participate in the NextProf Science 2015 workshop being offered at the University of Michigan on May 26-29, 2015 (see attached pdf). NextProf Science is aimed at future faculty—advanced doctoral students or postdoctoral fellows who are interested in an academic career in science at an exceptional academic research institution and who have demonstrated a commitment to diversity.

The U-M College of Literature, Science, and Arts science departments will bring up to 50 future faculty participants to the U-M campus to show them the rewards of an academic career, help them understand the faculty search process, and connect them with faculty in their research area, as well as academic leaders, and other participants.

The NextProf Science 2015 workshop is free to participants, who must be U.S. citizens or permanent residents. Participants’ expenses for travel, lodging, and meals will be covered.

Applicants may nominate themselves or be nominated by a faculty mentor. Additional information about the workshop and application materials are online on the NextProf Science website at:

http://sites.lsa.umich.edu/nextprof-science/

The deadline to receive all applications and supporting materials is: February 28, 2015

Please distribute this information to qualified individuals you would like to nominate or encourage to apply to the NextProf workshop. Also please forward this message to faculty colleagues who might know of potential applicants.

If you have additional questions, please contact um-nextprof-science@umich.edu.

Sincerely,

Tailen Hsing
Department of Statistics
University of Michigan